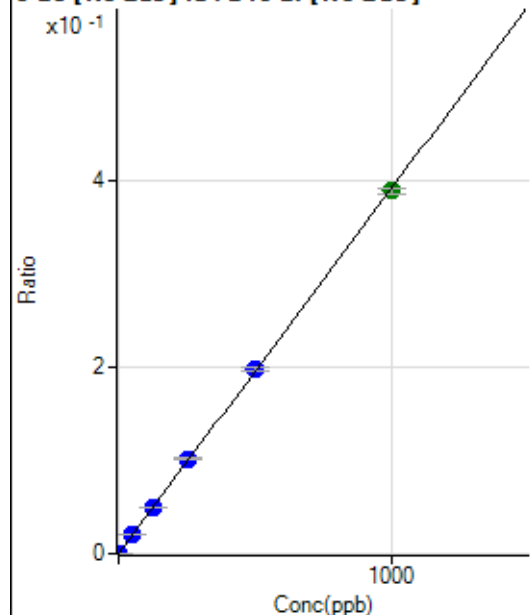


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121421 MS.b\
Analysis File: P8121421 MS.batch.bin
DA Date-Time: 2021-12-14 19:12:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2021-12-14 11:08:07
2	007CALS.d	S02	2021-12-14 11:17:19
3	008CALS.d	S03	2021-12-14 11:20:25
4	009CALS.d	S04	2021-12-14 11:23:28
5	010CALS.d	S05	2021-12-14 11:26:34
6	011CALS.d	S06	2021-12-14 11:29:37
7	012CALS.d	S07	2021-12-14 11:32:43
8	014CALS.d	S08	2021-12-14 11:54:01

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.99	0.0000	P	13.3
2	☐	1.000	1.017	1693.10	0.0004	P	4.5
3	☐	50.000	51.424	84726.40	0.0202	P	2.7
4	☐	125.000	128.178	211995.26	0.0503	P	0.5
5	☐	250.000	259.235	432383.86	0.1017	P	1.7
6	☐	500.000	507.655	865708.03	0.1992	P	2.1
7	☐	1000.000	993.395	1712015.41	0.3898	A	1.7
8	☐			155.30	0.0000	P	13.2

$$y = 3.9237E-004 * x + 1.8869E-005$$

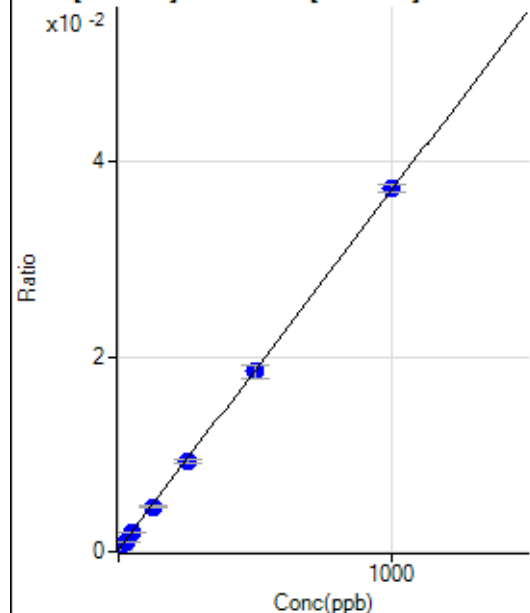
$$R = 0.9999$$

$$DL = 0.01916$$

$$BEC = 0.04809$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	926.51	0.0002	P	3.7
2	☐	25.000	22.408	4283.13	0.0011	P	5.0
3	☐	50.000	48.270	8439.46	0.0020	P	3.4
4	☐	125.000	118.694	19415.00	0.0046	P	3.5
5	☐	250.000	247.066	39725.84	0.0093	P	4.2
6	☐	500.000	494.934	80265.12	0.0185	P	6.8
7	☐	1000.000	1004.206	163715.95	0.0373	P	2.1
8	☐			3859.09	0.0009	P	4.9

$$y = 3.6876E-005 * x + 2.3037E-004$$

$$R = 1.0000$$

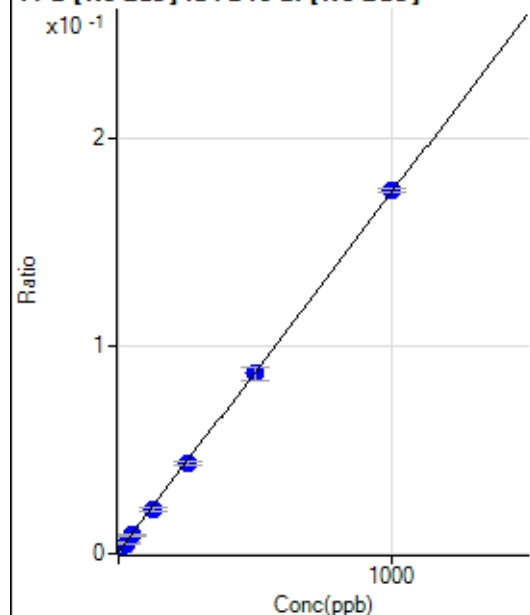
$$DL = 0.6951$$

$$BEC = 6.247$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4206.45	0.0010	P	0.8
2	☐	25.000	23.057	20352.07	0.0050	P	2.9
3	☐	50.000	46.025	37704.21	0.0090	P	4.7
4	☐	125.000	116.936	89376.92	0.0212	P	5.1
5	☐	250.000	244.413	183689.51	0.0432	P	5.0
6	☐	500.000	495.532	375603.10	0.0865	P	7.4
7	☐	1000.000	1004.886	766067.34	0.1743	P	1.2
8	☐			17889.34	0.0042	P	3.5

$$y = 1.7243E-004 * x + 0.0010$$

R = 1.0000

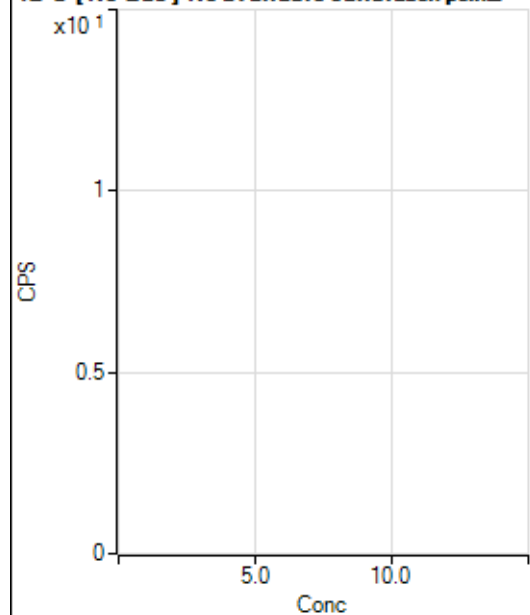
DL = 0.1531

BEC = 6.066

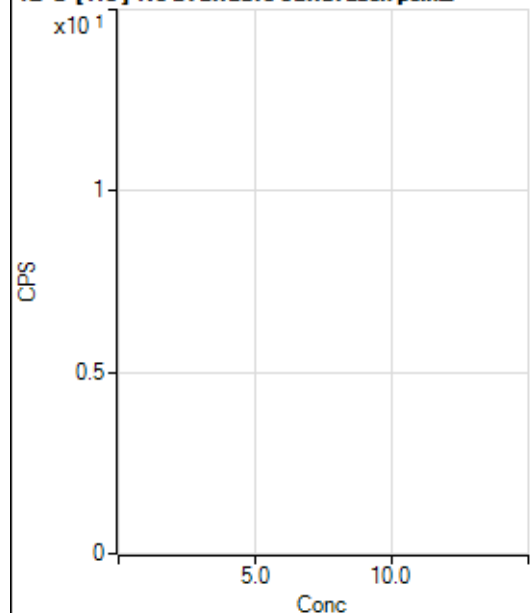
Weight: <None>

Min Conc: 0

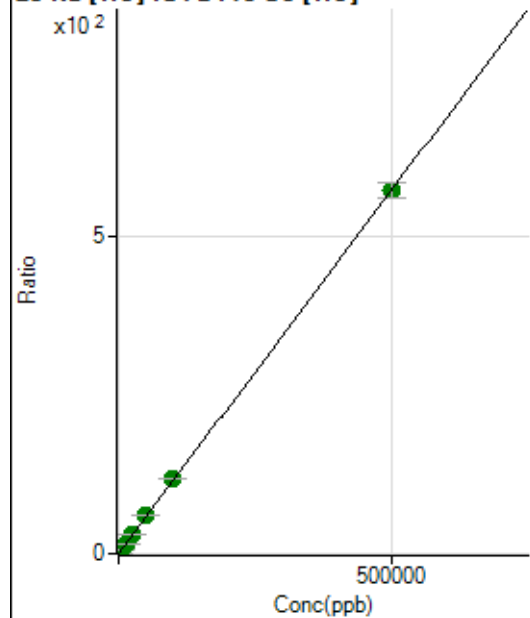
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4236129.04		A	2.1
2	☐			4605541.86		A	2.3
3	☐			5131759.14		A	3.5
4	☐			5566517.31		A	1.4
5	☐			6033514.37		A	2.6
6	☐			6868533.40		A	3.6
7	☐			7477584.80		A	3.5
8	☐			5286708.97		A	2.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40060.84		P	1.1
2	☐			42857.66		P	1.5
3	☐			49999.78		P	0.4
4	☐			54390.08		P	1.4
5	☐			59490.67		P	2.0
6	☐			68415.46		P	2.2
7	☐			77977.02		P	2.2
8	☐			55644.73		P	1.2

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13334.22	0.0584	P	2.3
2	☐	500.000	475.594	138412.21	0.6016	P	0.1
3	☐	5000.000	5231.058	1436221.66	6.0327	A	3.8
4	☐	12500.000	13130.073	3432872.17	15.0540	A	2.6
5	☐	25000.000	26261.566	6814081.84	30.0513	A	0.9
6	☐	50000.000	52540.469	13396494.40	60.0640	A	3.0
7	☐	100000.00	102811.60	26459519.17	117.4779	A	1.6
8	☐	500000.00	499102.51	124014049.9	570.0756	A	4.2

$$y = 0.0011 * x + 0.0584$$

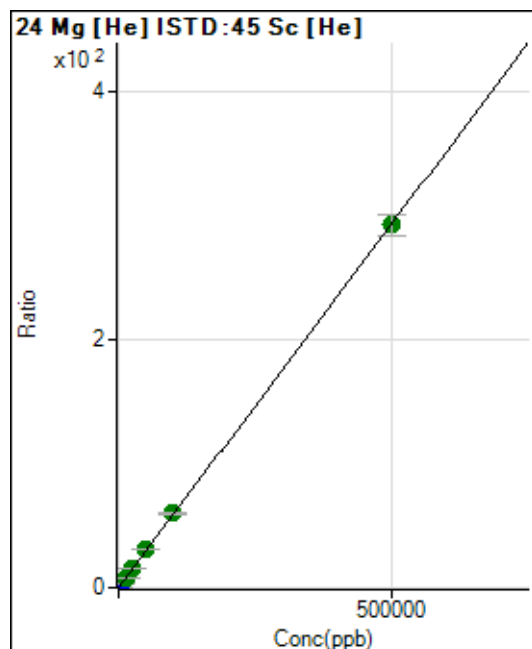
$$R = 1.0000$$

$$DL = 3.457$$

$$BEC = 51.13$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563.92	0.0025	P	1.7
2	☐	500.000	482.683	65670.99	0.2854	P	1.1
3	☐	5000.000	5318.169	742719.27	3.1201	P	4.3
4	☐	12500.000	13420.539	1794780.68	7.8699	A	1.8
5	☐	25000.000	26969.701	3585362.14	15.8127	A	1.7
6	☐	50000.000	53364.262	6977986.09	31.2858	A	3.0
7	☐	100000.00	102557.84	13541175.74	60.1243	A	2.9
8	☐	500000.00	499027.34	63615618.09	292.5439	A	5.8

$$y = 5.8622\text{E-}004 * x + 0.0025$$

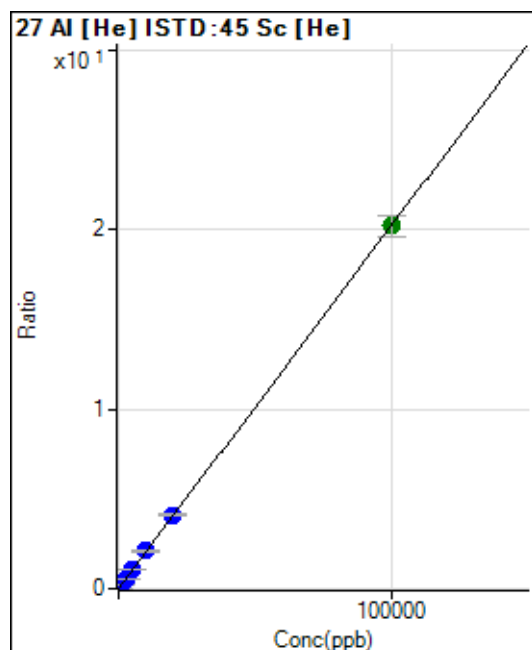
$$R = 1.0000$$

$$DL = 0.2123$$

$$BEC = 4.212$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	162.48	0.0007	P	14.3
2	☐	20.000	18.626	1031.16	0.0045	P	0.6
3	☐	1000.000	1022.830	49447.52	0.2077	P	4.1
4	☐	2500.000	2585.903	119516.60	0.5240	P	0.8
5	☐	5000.000	5266.679	241839.49	1.0666	P	1.1
6	☐	10000.000	10428.129	470853.39	2.1111	P	3.1
7	☐	20000.000	20246.762	922961.67	4.0982	P	2.5
8	☐	100000.00	99892.125	4395942.55	20.2168	A	6.1

$$y = 2.0238\text{E-}004 * x + 7.1203\text{E-}004$$

$$R = 1.0000$$

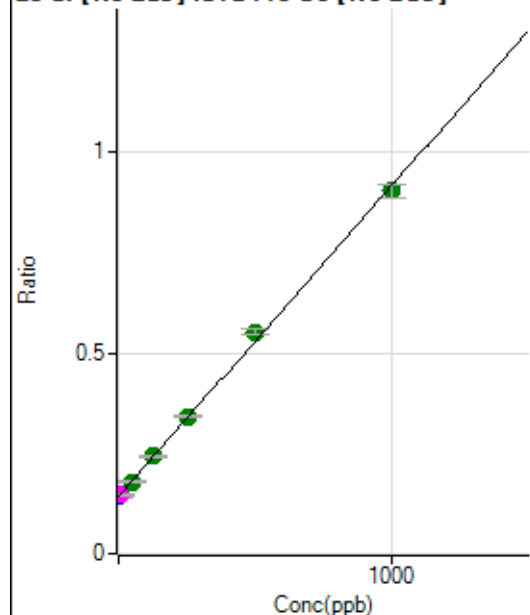
$$DL = 1.509$$

$$BEC = 3.518$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	846866.03	0.1428	P	2.9
2	☐	10.000	4.540	884606.71	0.1463	M	3.5
3	☐	50.000	46.789	1092164.94	0.1790	A	1.5
4	☐	125.000	129.125	1490215.13	0.2426	A	3.1
5	☐	250.000	255.608	2127948.16	0.3404	A	1.2
6	☐	500.000	529.628	3481231.81	0.5522	A	3.0
7	☐	1000.000	983.484	5807272.35	0.9030	A	3.4
8	☐			1217410.23	0.1936	A	6.3

$$y = 7.7290E-004 * x + 0.1428$$

R = 0.9992

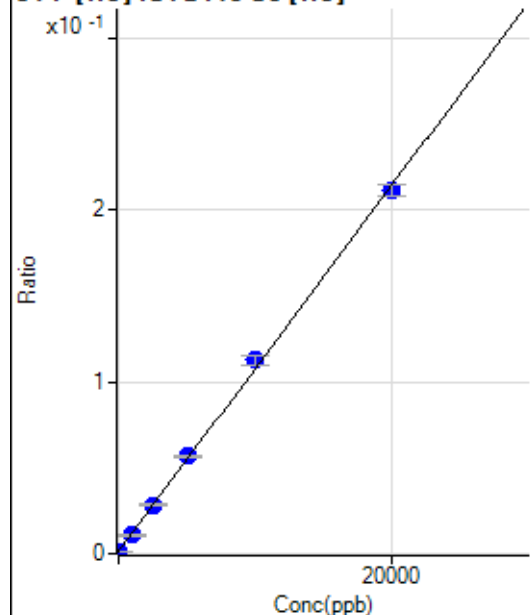
DL = 16.19

BEC = 184.8

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.602	266.68	0.0012	P	22.0
2	☐	0.000	12.602	330.57	0.0014	P	13.8
3	☐	1000.000	887.048	2558.62	0.0108	P	5.6
4	☐	2500.000	2540.013	6468.29	0.0284	P	4.1
5	☐	5000.000	5210.873	12881.11	0.0568	P	2.6
6	☐	10000.000	10467.799	25158.51	0.1128	P	4.4
7	☐	20000.000	19714.028	47584.50	0.2113	P	3.2
8	☐			330.57	0.0015	P	6.2

$$y = 1.0653E-005 * x + 0.0013$$

R = 0.9995

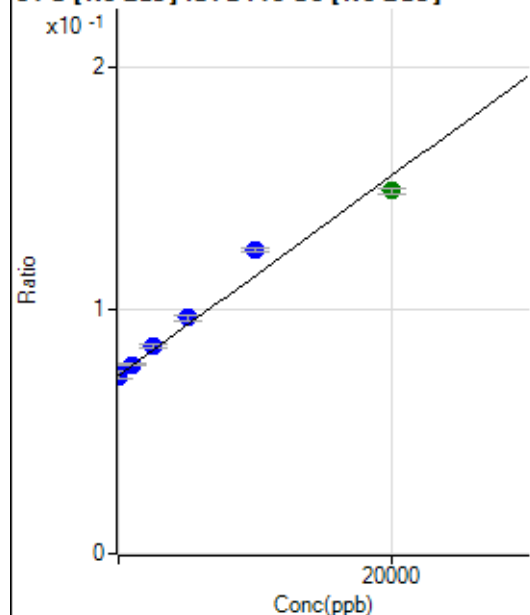
DL = 64.06

BEC = 122.3

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-79.419	432033.62	0.0729	P	3.8
2	☐	0.000	79.419	444433.79	0.0735	P	3.9
3	☐	1000.000	1086.738	473827.90	0.0777	P	1.0
4	☐	2500.000	2870.646	522008.87	0.0850	P	1.9
5	☐	5000.000	5746.277	604863.22	0.0968	P	1.8
6	☐	10000.000	12589.576	786986.71	0.1248	P	1.6
7	☐	20000.000	18467.975	957867.26	0.1490	A	1.6
8	☐			407030.57	0.0647	P	0.9

$$y = 4.1020\text{E-}006 * x + 0.0732$$

$$R = 0.9859$$

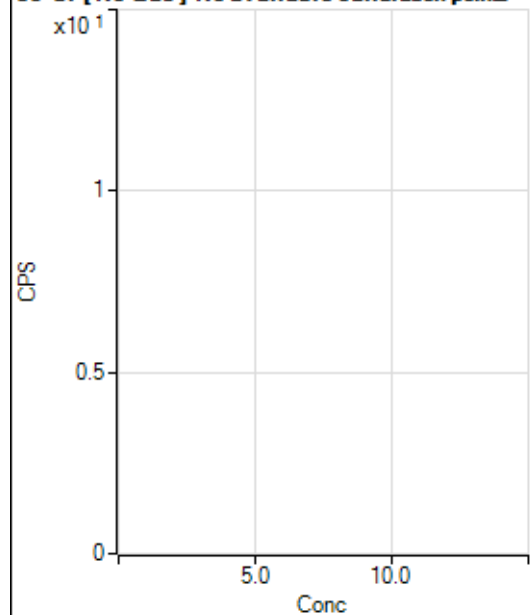
$$DL = 2062$$

$$BEC = 1.785\text{E}+04$$

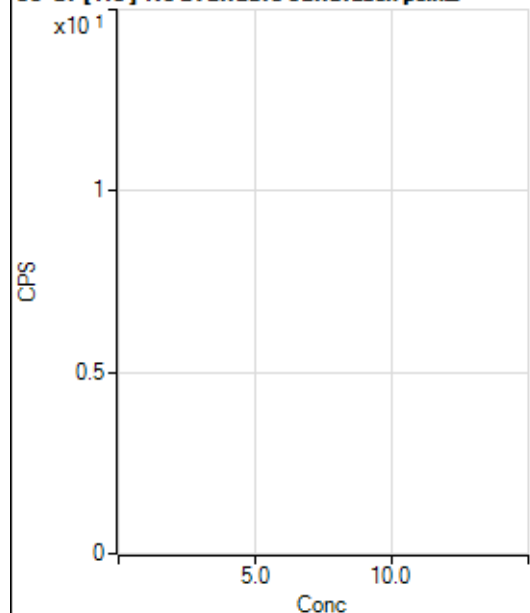
Weight: <None>

Min Conc: 0

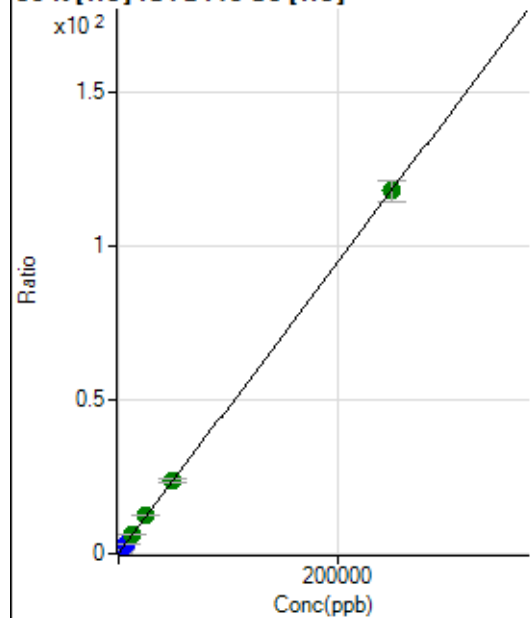
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			366391.84		P	1.5
2	☐			313162.84		P	1.1
3	☐			316450.94		P	0.7
4	☐			312202.64		P	1.4
5	☐			306952.76		P	0.6
6	☐			282058.02		P	1.3
7	☐			278954.00		P	0.5
8	☐			208189.58		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2414.17		P	2.6
2	☐			2116.87		P	5.7
3	☐			2041.86		P	1.8
4	☐			2191.90		P	0.7
5	☐			2214.12		P	8.6
6	☐			1805.72		P	6.5
7	☐			1714.04		P	4.2
8	☐			1383.44		P	12.2

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20631.98	0.0903	P	1.0
2	☐	500.000	478.126	72607.61	0.3156	P	0.5
3	☐	2500.000	2654.177	319190.15	1.3406	P	3.6
4	☐	6250.000	6651.691	735153.31	3.2236	P	1.3
5	☐	12500.000	13250.423	1435732.13	6.3318	A	0.9
6	☐	25000.000	26426.284	2796067.38	12.5382	A	3.9
7	☐	50000.000	49999.972	5323905.02	23.6424	A	3.5
8	☐	250000.00	249808.31	25609016.54	117.7604	A	5.6

$$y = 4.7104\text{E-}004 * x + 0.0903$$

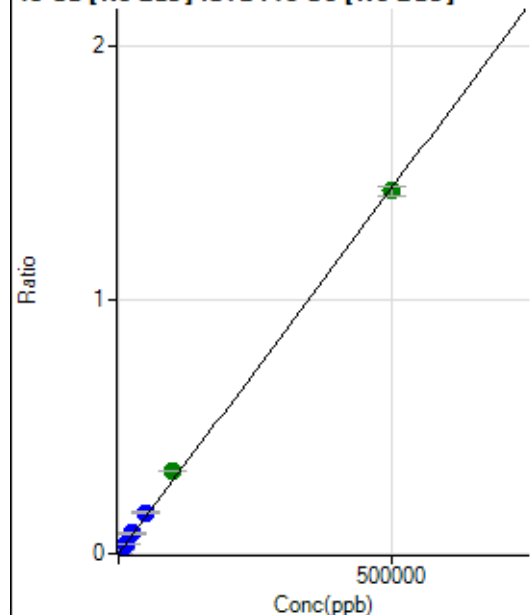
$$R = 1.0000$$

$$DL = 5.729$$

$$BEC = 191.8$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.72	0.0001	P	5.7
2	☐	500.000	469.515	8497.73	0.0014	P	5.8
3	☐	5000.000	5539.161	97717.10	0.0160	P	0.4
4	☐	12500.000	13794.603	244495.72	0.0398	P	2.3
5	☐	25000.000	27784.100	500799.04	0.0801	P	1.3
6	☐	50000.000	56212.563	1021429.41	0.1620	P	1.6
7	☐	100000.00	113011.02	2094733.49	0.3257	A	0.7
8	☐	500000.00	496599.60	9001881.34	1.4311	A	2.8

$$y = 2.8817\text{E-}006 * x + 5.3670\text{E-}005$$

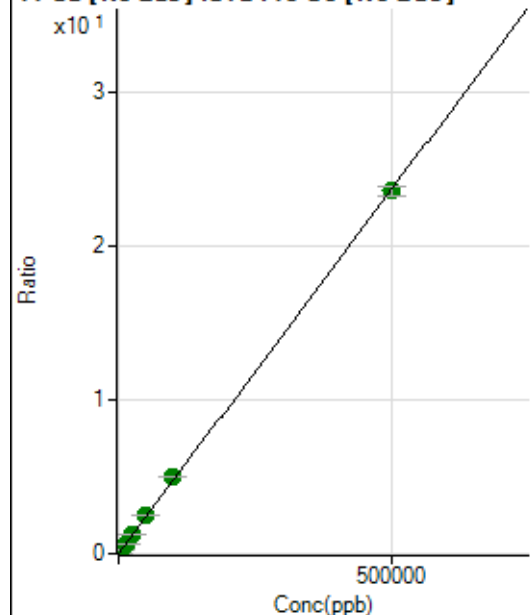
$$R = 0.9996$$

$$DL = 3.163$$

$$BEC = 18.62$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28254.86	0.0048	P	3.6
2	☐	500.000	469.565	163136.47	0.0270	P	4.4
3	☐	5000.000	5589.774	1643493.28	0.2694	A	1.5
4	☐	12500.000	13417.696	3931310.39	0.6399	A	1.4
5	☐	25000.000	27139.413	8060842.56	1.2895	A	1.3
6	☐	50000.000	53888.370	16113082.76	2.5558	A	0.4
7	☐	100000.00	106157.26	32347783.66	5.0301	A	0.2
8	☐	500000.00	498243.93	148385218.7	23.5909	A	2.4

$$y = 4.7338\text{E-}005 * x + 0.0048$$

$$R = 0.9999$$

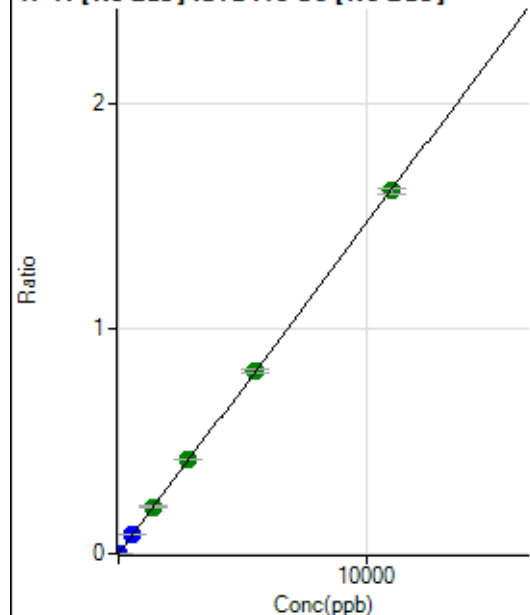
$$DL = 10.76$$

$$BEC = 100.7$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.71	0.0001	P	46.3
2	☐	5.000	4.674	4559.18	0.0008	P	4.7
3	☐	550.000	572.943	514161.43	0.0843	P	1.3
4	☐	1375.000	1403.961	1267673.60	0.2064	A	3.2
5	☐	2750.000	2850.506	2619287.93	0.4190	A	0.6
6	☐	5500.000	5511.047	5106058.97	0.8100	A	1.7
7	☐	11000.000	10964.583	10362897.19	1.6116	A	1.3
8	☐			1227.88	0.0002	P	20.1

$$y = 1.4697\text{E-}004 * x + 6.6649\text{E-}005$$

$$R = 1.0000$$

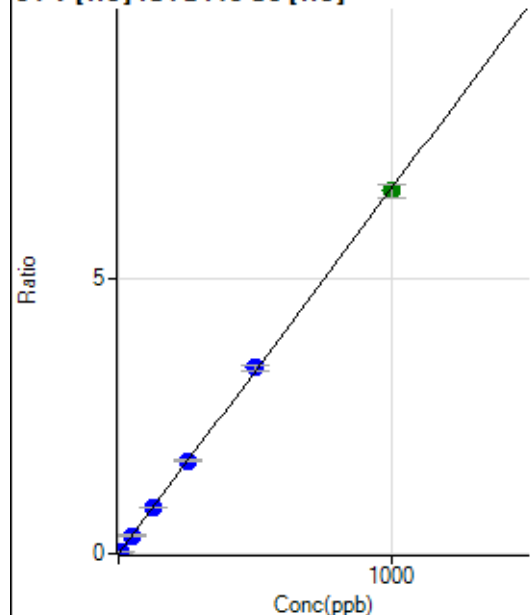
$$DL = 0.6294$$

$$BEC = 0.4535$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0001	P	41.8
2	☐	5.000	4.534	6941.74	0.0302	P	2.5
3	☐	50.000	49.643	78493.85	0.3298	P	5.1
4	☐	125.000	126.695	191943.28	0.8416	P	1.2
5	☐	250.000	255.234	384441.02	1.6955	P	1.1
6	☐	500.000	509.518	754843.84	3.3846	P	3.4
7	☐	1000.000	993.741	1486464.13	6.6011	A	3.5
8	☐			270.00	0.0012	P	11.0

$$y = 0.0066 * x + 5.3585\text{E-}005$$

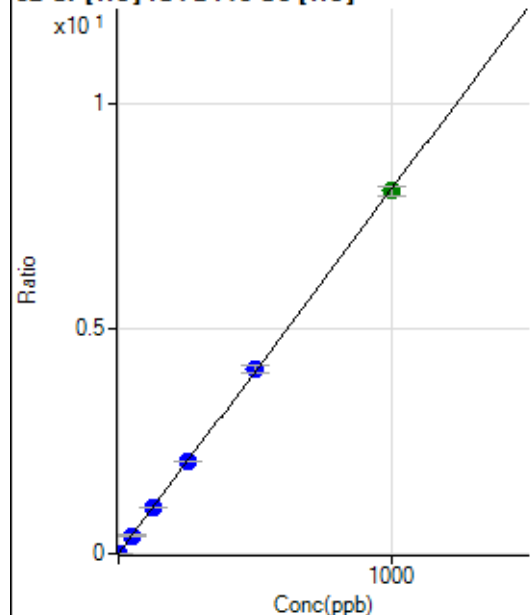
$$R = 0.9999$$

$$DL = 0.01011$$

$$BEC = 0.008067$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	916.71	0.0040	P	8.7
2	☐	2.000	1.797	4270.67	0.0186	P	3.1
3	☐	50.000	49.356	96008.66	0.4035	P	5.9
4	☐	125.000	126.171	233814.57	1.0252	P	1.2
5	☐	250.000	253.692	466490.77	2.0573	P	1.0
6	☐	500.000	506.632	915309.52	4.1046	P	3.9
7	☐	1000.000	995.647	1815777.84	8.0625	A	2.8
8	☐			3737.18	0.0172	P	6.1

$$y = 0.0081 * x + 0.0040$$

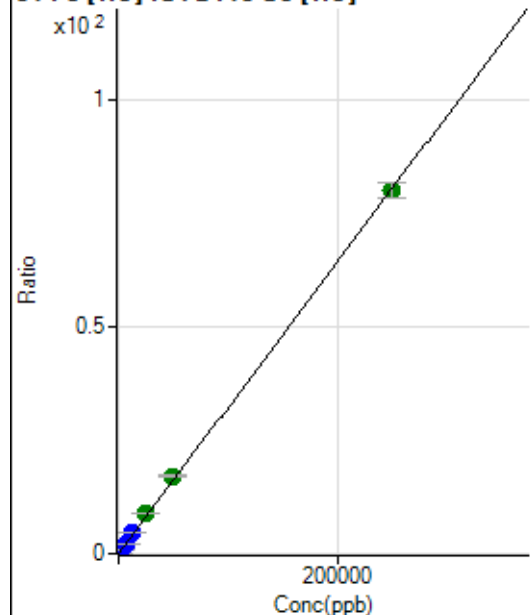
$$R = 1.0000$$

$$DL = 0.1288$$

$$BEC = 0.4962$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	512.98	0.0022	P	6.0
2	☐	50.000	51.560	4332.21	0.0188	P	2.2
3	☐	2500.000	2717.822	208663.08	0.8764	P	3.6
4	☐	6250.000	6843.896	502595.43	2.2036	P	1.3
5	☐	12500.000	13919.064	1015710.83	4.4794	P	0.5
6	☐	25000.000	27789.574	1994226.88	8.9409	A	3.1
7	☐	50000.000	53357.742	3865855.67	17.1650	A	2.5
8	☐	250000.00	248961.51	17420273.77	80.0817	A	4.4

$$y = 3.2165E-004 * x + 0.0022$$

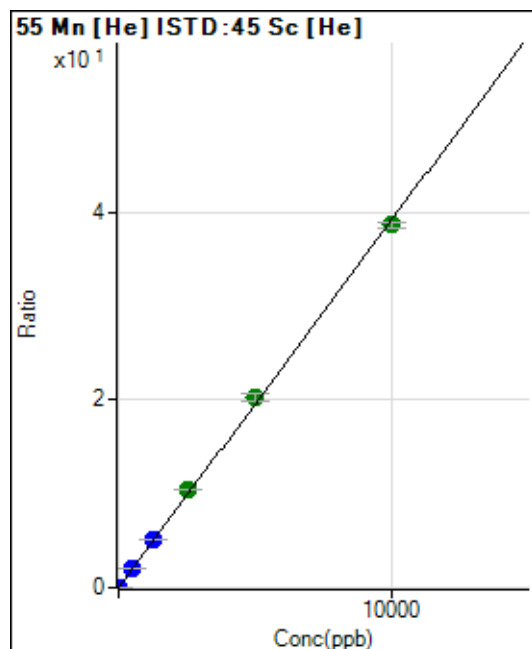
$$R = 0.9999$$

$$DL = 1.254$$

$$BEC = 6.981$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0003	P	21.0
2	☐	1.000	0.969	945.60	0.0041	P	9.5
3	☐	500.000	512.631	477892.88	2.0077	P	4.7
4	☐	1250.000	1304.831	1165376.53	5.1099	P	1.2
5	☐	2500.000	2661.124	2362967.74	10.4210	A	1.0
6	☐	5000.000	5160.641	4506622.33	20.2088	A	3.9
7	☐	10000.000	9871.913	8707012.16	38.6577	A	1.9
8	☐			4455.19	0.0205	P	3.0

$$y = 0.0039 * x + 3.1611E-004$$

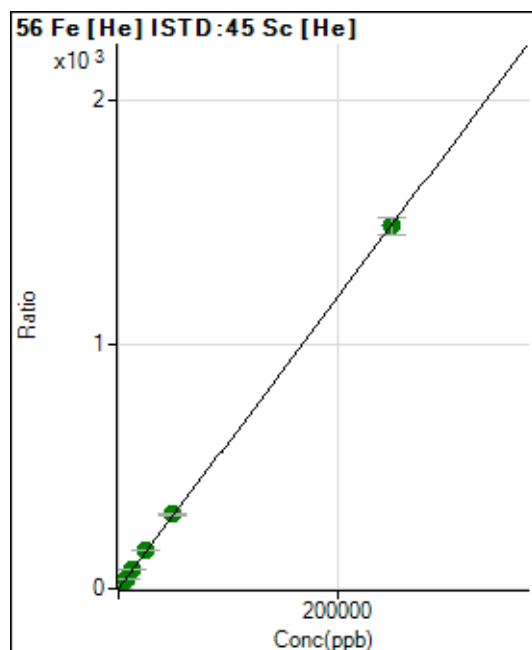
$$R = 0.9996$$

$$DL = 0.05083$$

$$BEC = 0.08073$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3530.13	0.0155	P	8.0
2	☐	50.000	48.266	69556.15	0.3023	P	0.9
3	☐	2500.000	2640.633	3738903.50	15.7094	A	4.9
4	☐	6250.000	6662.233	9032100.84	39.6108	A	3.2
5	☐	12500.000	13438.499	18112889.06	79.8838	A	1.5
6	☐	25000.000	26572.177	35228393.38	157.9406	A	2.9
7	☐	50000.000	50982.634	68234198.28	303.0180	A	3.6
8	☐	250000.00	249587.61	322657681.2	1,483.377	A	4.6

$$y = 0.0059 * x + 0.0155$$

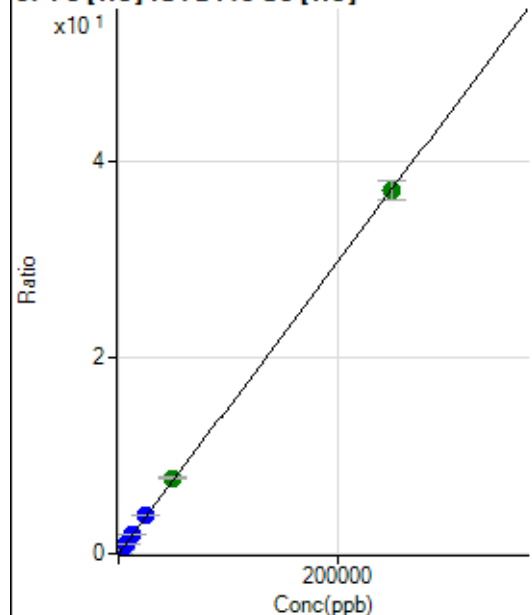
$$R = 1.0000$$

$$DL = 0.6243$$

$$BEC = 2.601$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	246.30	0.0011	P	9.9
2	☐	50.000	49.469	1935.35	0.0084	P	5.2
3	☐	2500.000	2644.518	93521.33	0.3930	P	5.4
4	☐	6250.000	6650.904	225026.49	0.9867	P	1.5
5	☐	12500.000	13364.935	449333.13	1.9817	P	1.7
6	☐	25000.000	26587.289	879086.71	3.9413	P	2.8
7	☐	50000.000	52011.018	1736296.80	7.7090	A	1.7
8	☐	250000.00	249384.35	8038286.81	36.9594	A	5.1

$$y = 1.4820\text{E-}004 * x + 0.0011$$

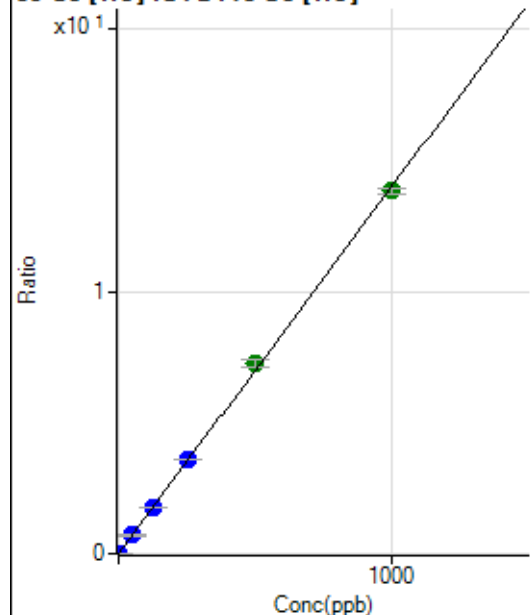
$$R = 1.0000$$

$$DL = 2.16$$

$$BEC = 7.277$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0003	P	10.9
2	☐	1.000	0.925	3054.81	0.0133	P	3.0
3	☐	50.000	49.915	166337.84	0.6987	P	4.1
4	☐	125.000	126.984	405279.25	1.7771	P	1.2
5	☐	250.000	256.667	814391.63	3.5916	P	0.6
6	☐	500.000	517.979	1616180.39	7.2478	A	4.3
7	☐	1000.000	989.100	3117097.84	13.8397	A	1.7
8	☐			4066.18	0.0187	P	10.1

$$y = 0.0140 * x + 3.4082\text{E-}004$$

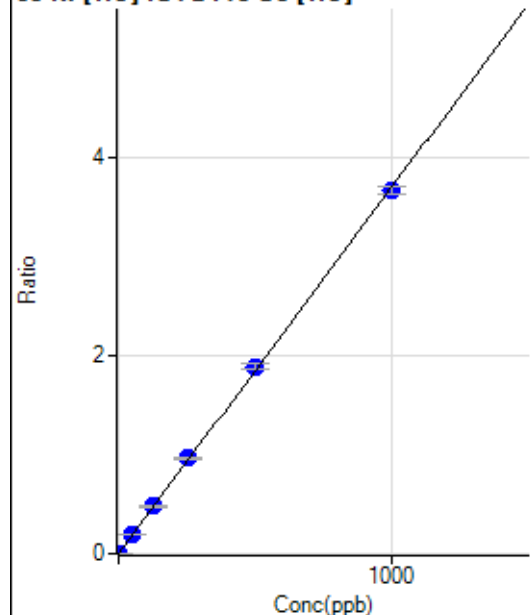
$$R = 0.9997$$

$$DL = 0.008001$$

$$BEC = 0.02436$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87.78	0.0004	P	10.0
2	☐	1.000	0.965	911.15	0.0040	P	4.2
3	☐	50.000	51.095	45169.35	0.1897	P	4.2
4	☐	125.000	129.304	109378.76	0.4796	P	1.6
5	☐	250.000	261.467	219800.17	0.9694	P	2.1
6	☐	500.000	511.592	423028.33	1.8964	P	2.3
7	☐	1000.000	990.745	827046.19	3.6722	P	2.3
8	☐			1148.95	0.0053	P	2.6

$$y = 0.0037 * x + 3.8410E-004$$

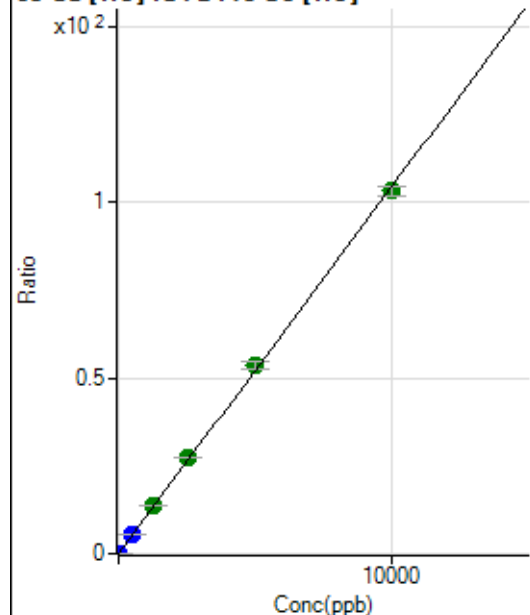
$$R = 0.9998$$

$$DL = 0.0312$$

$$BEC = 0.1036$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	563.35	0.0025	P	4.8
2	☐	2.000	1.879	5083.18	0.0221	P	1.7
3	☐	500.000	512.282	1274107.15	5.3522	P	4.1
4	☐	1250.000	1318.801	3141404.88	13.7746	A	2.5
5	☐	2500.000	2619.486	6203154.42	27.3576	A	1.1
6	☐	5000.000	5130.483	11948097.32	53.5798	A	4.0
7	☐	10000.000	9895.673	23274016.32	103.3425	A	2.6
8	☐			4679.70	0.0215	P	4.7

$$y = 0.0104 * x + 0.0025$$

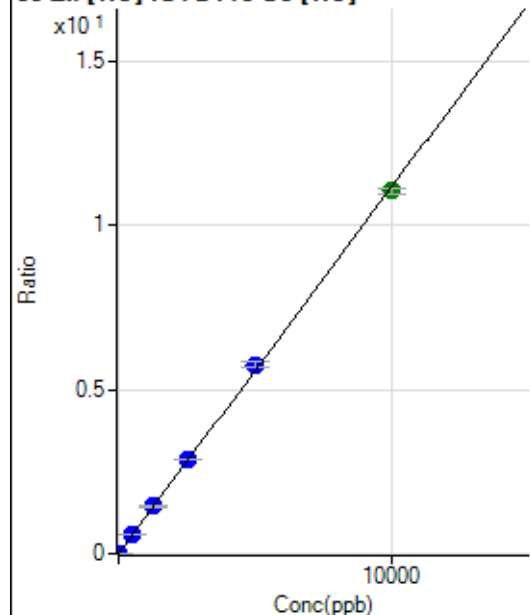
$$R = 0.9998$$

$$DL = 0.0342$$

$$BEC = 0.2362$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	128.89	0.0006	P	9.1
2	☐	2.000	2.257	708.91	0.0031	P	3.0
3	☐	500.000	509.440	135330.76	0.5685	P	4.3
4	☐	1250.000	1287.825	327550.01	1.4363	P	1.7
5	☐	2500.000	2568.439	649411.54	2.8640	P	0.3
6	☐	5000.000	5159.356	1283017.99	5.7524	P	3.0
7	☐	10000.000	9898.012	2485534.55	11.0352	A	1.9
8	☐			3198.17	0.0147	P	3.8

$$y = 0.0011 * x + 5.6468E-004$$

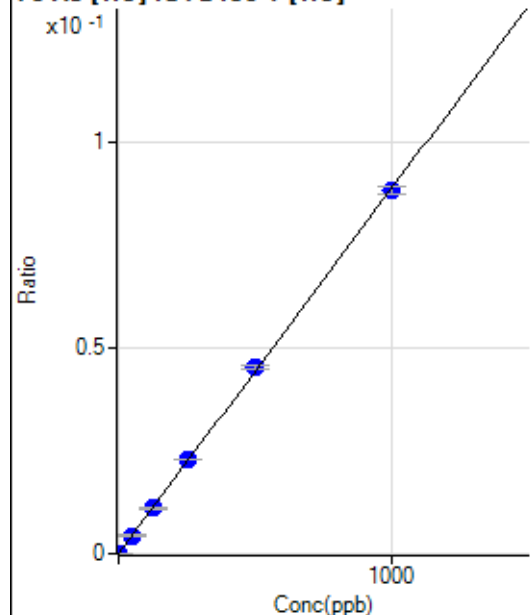
$$R = 0.9998$$

$$DL = 0.1383$$

$$BEC = 0.5065$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.67	0.0000	P	17.5
2	☐	1.000	1.007	170.69	0.0001	P	7.8
3	☐	50.000	49.981	8589.48	0.0044	P	5.8
4	☐	125.000	124.420	20641.76	0.0110	P	1.9
5	☐	250.000	257.081	41576.28	0.0228	P	0.8
6	☐	500.000	509.136	82753.63	0.0452	P	2.2
7	☐	1000.000	993.735	161241.20	0.0882	P	2.2
8	☐			46.34	0.0000	P	8.5

$$y = 8.8736E-005 * x + 3.6428E-006$$

$$R = 0.9999$$

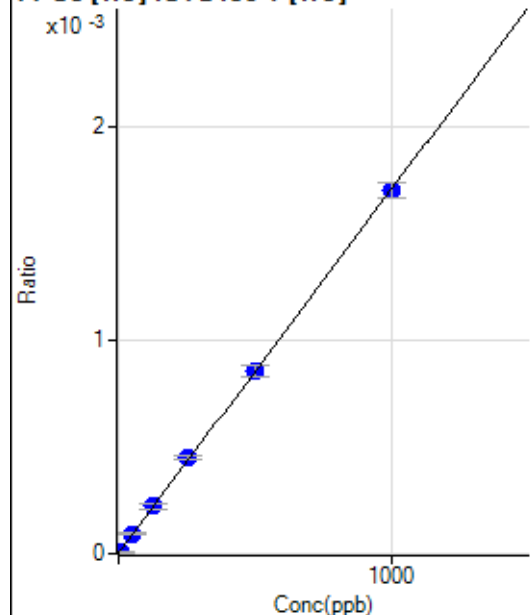
$$DL = 0.02156$$

$$BEC = 0.04105$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	5.000	2.857	13.33	0.0000	P	91.3
3	☐	50.000	53.007	180.00	0.0001	P	13.4
4	☐	125.000	128.721	414.46	0.0002	P	9.6
5	☐	250.000	263.084	821.15	0.0005	P	3.5
6	☐	500.000	501.313	1567.88	0.0009	P	6.4
7	☐	1000.000	995.468	3104.83	0.0017	P	4.4
8	☐			4.45	0.0000	P	86.6

$$y = 1.7035\text{E-}006 * x + 2.4609\text{E-}006$$

$$R = 0.9999$$

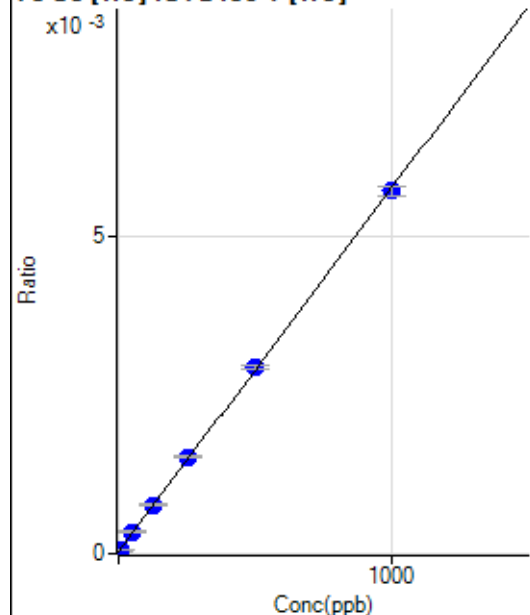
$$DL = 3.754$$

$$BEC = 1.445$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.01	0.0000	P	19.2
2	☐	5.000	5.826	122.68	0.0001	P	14.8
3	☐	50.000	53.583	659.75	0.0003	P	6.1
4	☐	125.000	128.578	1441.55	0.0008	P	3.6
5	☐	250.000	260.808	2788.56	0.0015	P	2.9
6	☐	500.000	508.154	5403.92	0.0029	P	1.9
7	☐	1000.000	992.591	10477.62	0.0057	P	2.8
8	☐			65.01	0.0000	P	12.0

$$y = 5.7394\text{E-}006 * x + 3.3428\text{E-}005$$

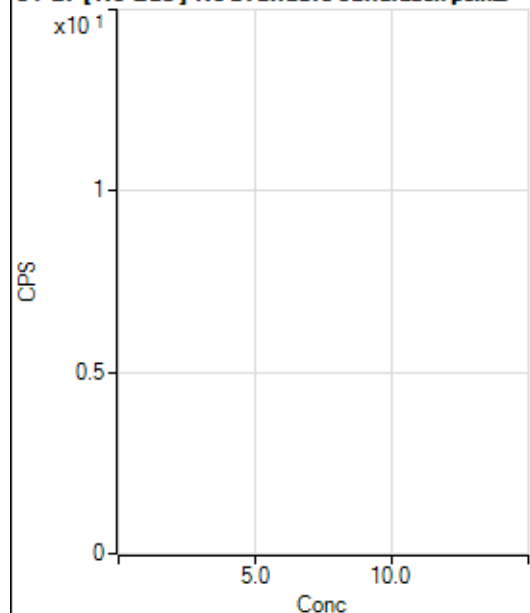
$$R = 0.9999$$

$$DL = 3.35$$

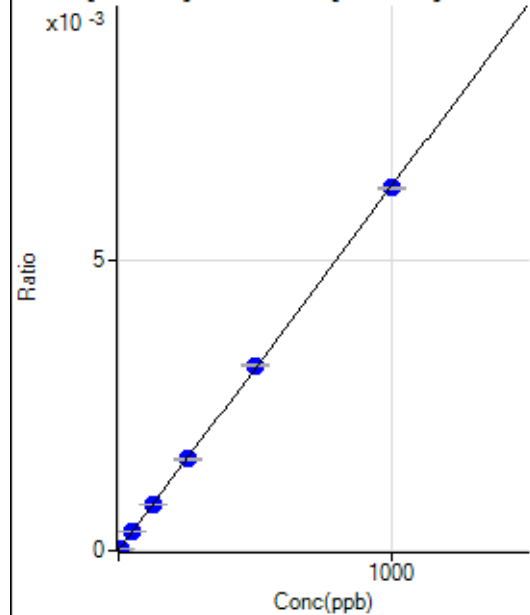
$$BEC = 5.824$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16072.51		P	2.4
2	☐			16914.44		P	2.4
3	☐			16647.20		P	5.3
4	☐			15999.00		P	4.4
5	☐			15581.39		P	1.0
6	☐			16106.00		P	1.7
7	☐			16009.15		P	4.4
8	☐			16042.50		P	6.4

82 Se [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.44	0.0000	P	74.5
2	☐	5.000	3.544	379.58	0.0000	P	20.3
3	☐	50.000	49.668	4282.10	0.0003	P	1.5
4	☐	125.000	124.728	10795.63	0.0008	P	0.7
5	☐	250.000	252.152	21899.80	0.0016	P	2.1
6	☐	500.000	507.613	44433.42	0.0032	P	0.6
7	☐	1000.000	995.713	87897.46	0.0062	P	0.3
8	☐			108.67	0.0000	P	53.7

$$y = 6.2544\text{E-}006 * x + 6.2596\text{E-}006$$

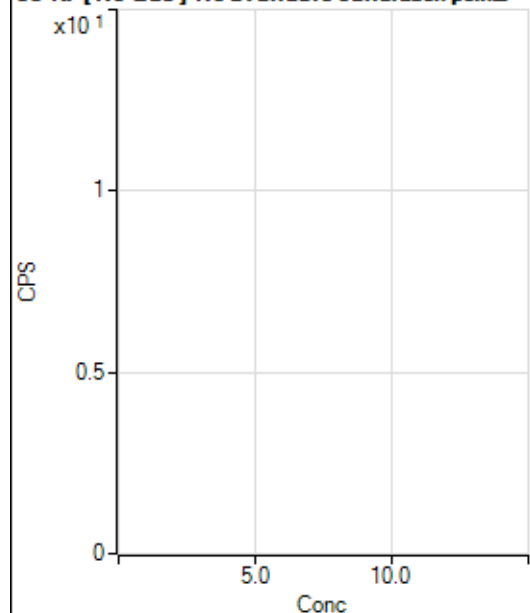
$$R = 0.9999$$

$$DL = 2.237$$

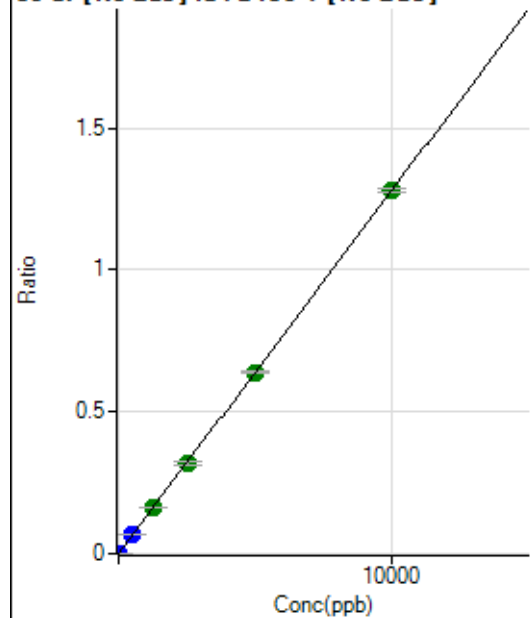
$$BEC = 1.001$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1065.61		P	4.0
2	☐			1095.61		P	5.5
3	☐			1140.06		P	8.6
4	☐			1102.28		P	3.9
5	☐			1118.95		P	2.0
6	☐			1104.50		P	6.8
7	☐			1135.61		P	3.6
8	☐			1095.61		P	5.2

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1908.52	0.0001	P	7.2
2	☐	1.000	0.759	3275.48	0.0002	P	4.9
3	☐	500.000	512.579	887150.03	0.0657	P	1.0
4	☐	1250.000	1265.297	2222249.05	0.1619	A	1.7
5	☐	2500.000	2502.303	4425899.88	0.3200	A	3.4
6	☐	5000.000	4995.095	8919099.59	0.6386	A	1.5
7	☐	10000.000	9999.336	18023546.24	1.2782	A	1.1
8	☐			11888.71	0.0009	P	5.1

$$y = 1.2782E-004 * x + 1.4754E-004$$

$$R = 1.0000$$

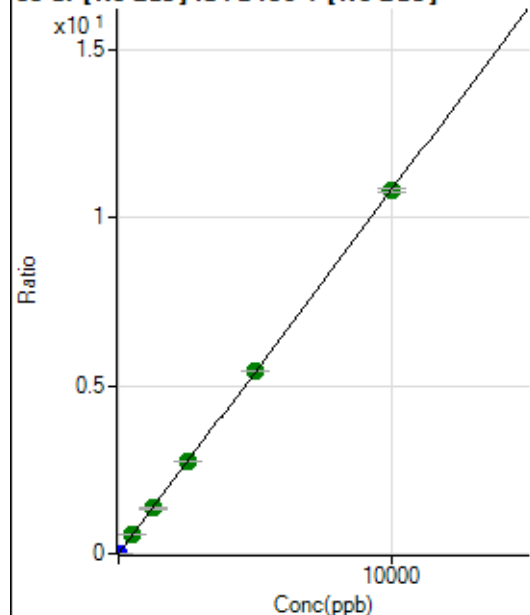
$$DL = 0.2482$$

$$BEC = 1.154$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.02	0.0000	P	13.6
2	☐	1.000	0.909	13556.93	0.0010	P	1.6
3	☐	500.000	511.252	7483852.34	0.5539	A	0.3
4	☐	1250.000	1243.990	18502429.23	1.3477	A	0.8
5	☐	2500.000	2536.398	38010963.70	2.7479	A	1.5
6	☐	5000.000	5026.610	76072286.42	5.4457	A	0.6
7	☐	10000.000	9977.784	152410733.9	10.8096	A	1.2
8	☐			87357.60	0.0063	P	3.2

$$y = 0.0011 * x + 2.7084E-005$$

$$R = 1.0000$$

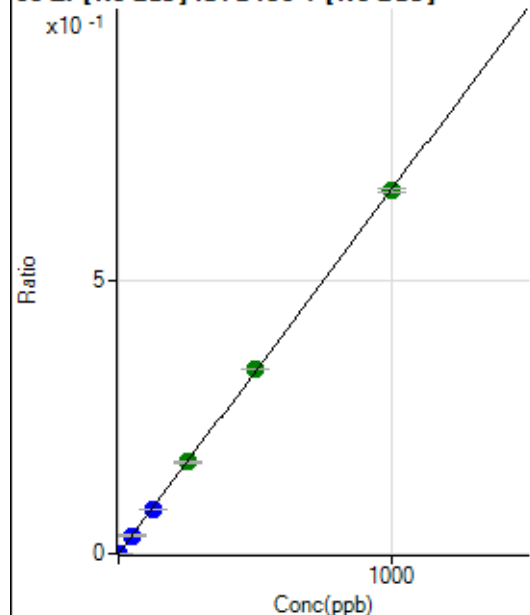
$$DL = 0.01019$$

$$BEC = 0.025$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	641.70	0.0000	P	15.7
2	☐	1.000	0.893	8655.72	0.0006	P	2.8
3	☐	50.000	50.109	452908.34	0.0335	P	2.2
4	☐	125.000	122.415	1123417.59	0.0818	P	0.8
5	☐	250.000	251.788	2327984.38	0.1683	A	1.2
6	☐	500.000	506.400	4726577.58	0.3383	A	0.7
7	☐	1000.000	996.671	9389784.15	0.6659	A	1.0
8	☐			4623.11	0.0003	P	3.2

$$y = 6.6804E-004 * x + 4.9520E-005$$

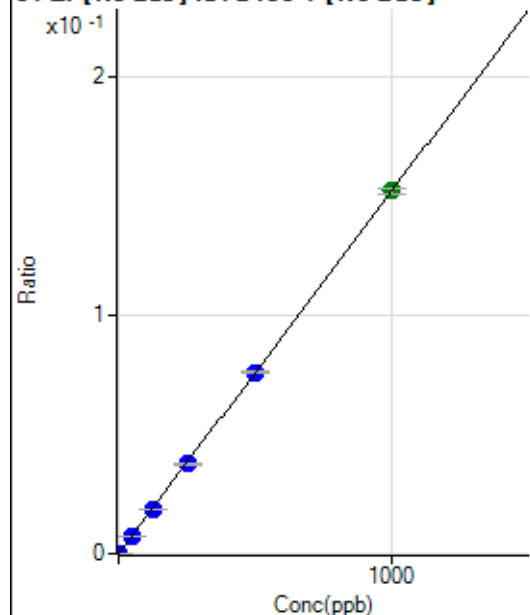
$$R = 1.0000$$

$$DL = 0.03484$$

$$BEC = 0.07413$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	169.45	0.0000	P	13.7
2	☐	1.000	0.838	1880.73	0.0001	P	7.8
3	☐	50.000	48.747	100322.30	0.0074	P	1.8
4	☐	125.000	119.767	250210.93	0.0182	P	0.6
5	☐	250.000	247.869	521591.71	0.0377	P	1.8
6	☐	500.000	499.570	1061402.61	0.0760	P	1.2
7	☐	1000.000	1001.465	2147505.82	0.1523	A	1.4
8	☐			975.06	0.0001	P	5.3

$$y = 1.5206\text{E-}004 * x + 1.3115\text{E-}005$$

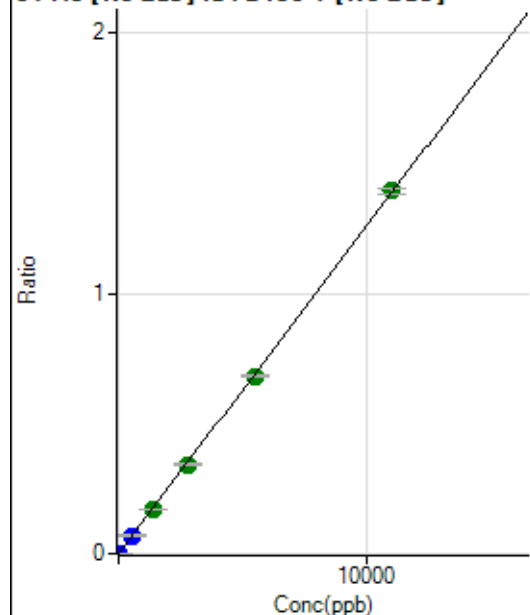
$$R = 1.0000$$

$$DL = 0.03532$$

$$BEC = 0.08625$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	275.01	0.0000	P	32.1
2	☐	5.000	5.373	9364.50	0.0007	P	2.3
3	☐	550.000	553.381	942949.23	0.0698	P	2.2
4	☐	1375.000	1339.848	2319636.58	0.1690	A	1.4
5	☐	2750.000	2712.711	4731832.40	0.3421	A	1.3
6	☐	5500.000	5412.625	9533338.93	0.6825	A	0.8
7	☐	11000.000	11057.234	19661267.28	1.3942	A	1.5
8	☐			3764.50	0.0003	P	5.4

$$y = 1.2609\text{E-}004 * x + 2.1288\text{E-}005$$

$$R = 0.9999$$

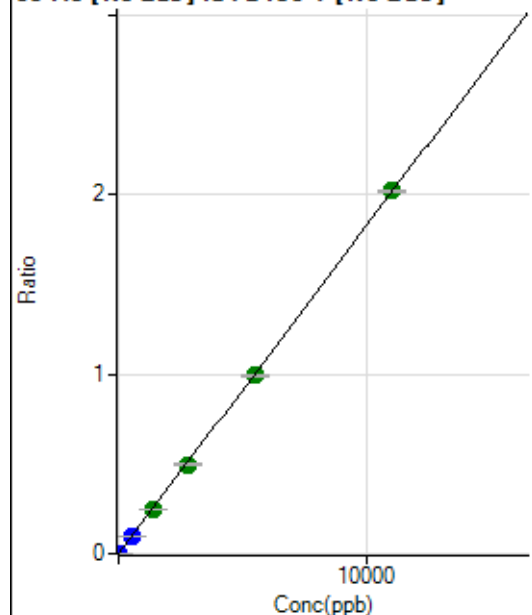
$$DL = 0.1628$$

$$BEC = 0.1688$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	36.1
2	☐	5.000	4.591	11321.60	0.0008	P	3.6
3	☐	550.000	547.695	1354538.00	0.1002	P	0.7
4	☐	1375.000	1333.638	3351172.15	0.2441	A	0.3
5	☐	2750.000	2706.958	6853848.38	0.4955	A	1.5
6	☐	5500.000	5424.156	13867046.84	0.9928	A	0.9
7	☐	11000.000	11053.968	28528276.33	2.0232	A	0.8
8	☐			3117.15	0.0002	P	9.0

$$y = 1.8303\text{E-}004 * x + 4.3152\text{E-}006$$

$$R = 1.0000$$

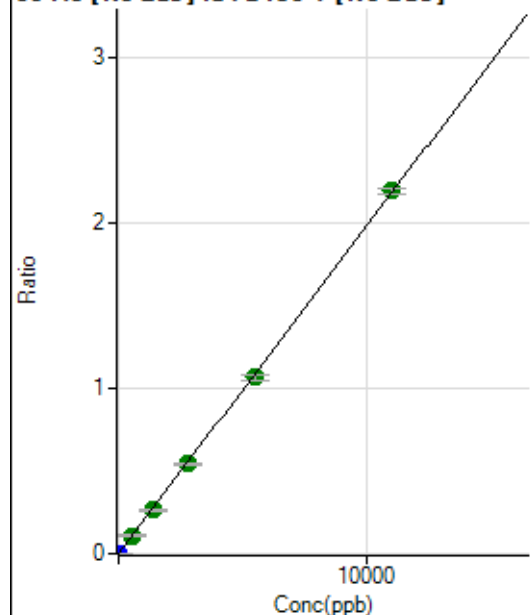
$$DL = 0.02551$$

$$BEC = 0.02358$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.78	0.0000	P	44.6
2	☐	5.000	4.755	12772.90	0.0010	P	2.6
3	☐	550.000	557.289	1491322.62	0.1104	A	1.5
4	☐	1375.000	1327.327	3608578.42	0.2628	A	1.6
5	☐	2750.000	2747.863	7527656.25	0.5441	A	2.2
6	☐	5500.000	5372.905	14858986.97	1.0640	A	2.8
7	☐	11000.000	11069.676	30911721.87	2.1920	A	1.4
8	☐			9350.70	0.0007	P	1.2

$$y = 1.9802\text{E-}004 * x + 1.1826\text{E-}005$$

$$R = 0.9999$$

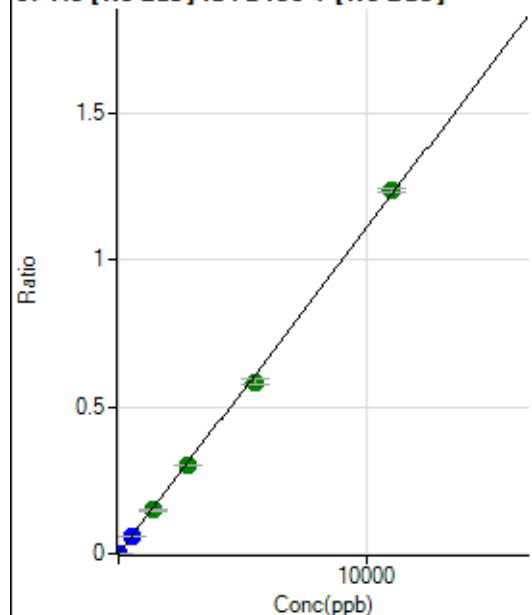
$$DL = 0.0799$$

$$BEC = 0.05972$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	47.5
2	☐	5.000	4.823	7199.31	0.0005	P	6.7
3	☐	550.000	550.064	825296.90	0.0611	P	1.2
4	☐	1375.000	1342.715	2047059.38	0.1491	A	2.9
5	☐	2750.000	2710.354	4163606.65	0.3010	A	1.4
6	☐	5500.000	5276.163	8182089.24	0.5859	A	2.7
7	☐	11000.000	11125.862	17421112.54	1.2355	A	1.0
8	☐			2191.99	0.0002	P	1.1

$$y = 1.1105\text{E-}004 * x + 2.1599\text{E-}006$$

$$R = 0.9997$$

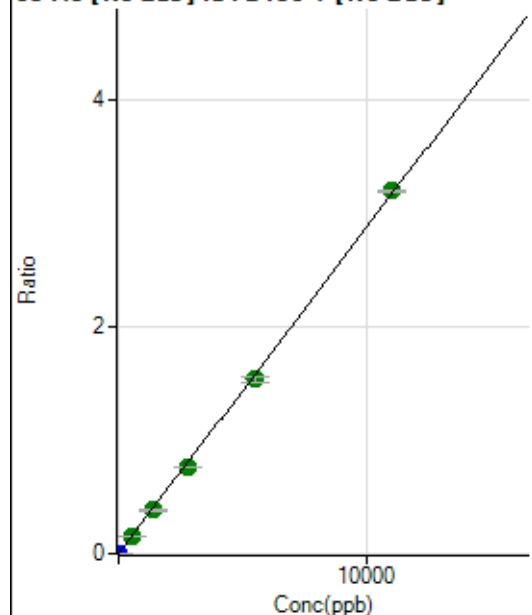
$$DL = 0.02769$$

$$BEC = 0.01945$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	28.8
2	☐	5.000	4.581	17792.41	0.0013	P	3.8
3	☐	550.000	531.255	2066980.51	0.1530	A	2.5
4	☐	1375.000	1340.249	5298901.34	0.3860	A	2.7
5	☐	2750.000	2636.344	10503115.51	0.7592	A	1.0
6	☐	5500.000	5344.363	21491209.68	1.5390	A	3.4
7	☐	11000.000	11111.514	45118605.18	3.1998	A	0.8
8	☐			4756.57	0.0003	P	5.1

$$y = 2.8797\text{E-}004 * x + 9.2397\text{E-}006$$

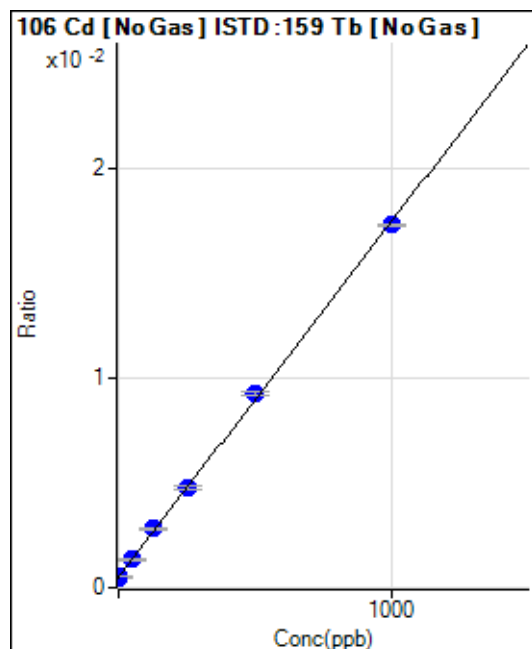
$$R = 0.9998$$

$$DL = 0.0277$$

$$BEC = 0.03209$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3097.66	0.0005	P	4.9
2	☐	1.000	1.721	3328.27	0.0005	P	6.3
3	☐	50.000	49.631	8591.79	0.0013	P	5.0
4	☐	125.000	135.670	18076.25	0.0028	P	2.0
5	☐	250.000	251.071	32266.44	0.0048	P	4.3
6	☐	500.000	515.045	62333.93	0.0092	P	1.6
7	☐	1000.000	990.894	120745.46	0.0173	P	0.8
8	☐			2980.97	0.0004	P	9.1

$$y = 1.6952\text{E-}005 * x + 5.0388\text{E-}004$$

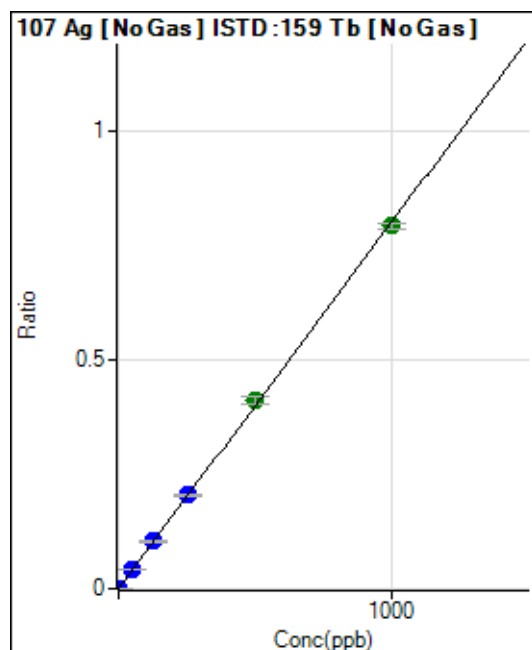
R = 0.9998

DL = 4.395

BEC = 29.72

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	29.2
2	☐	1.000	0.926	4700.94	0.0008	P	3.4
3	☐	50.000	52.829	269884.10	0.0422	P	4.6
4	☐	125.000	129.560	667883.53	0.1036	P	3.3
5	☐	250.000	256.956	1393240.79	0.2055	P	2.1
6	☐	500.000	514.708	2777263.75	0.4115	A	3.3
7	☐	1000.000	990.195	5524807.76	0.7917	A	1.4
8	☐			802.82	0.0001	P	7.2

$$y = 7.9951\text{E-}004 * x + 1.2194\text{E-}005$$

R = 0.9998

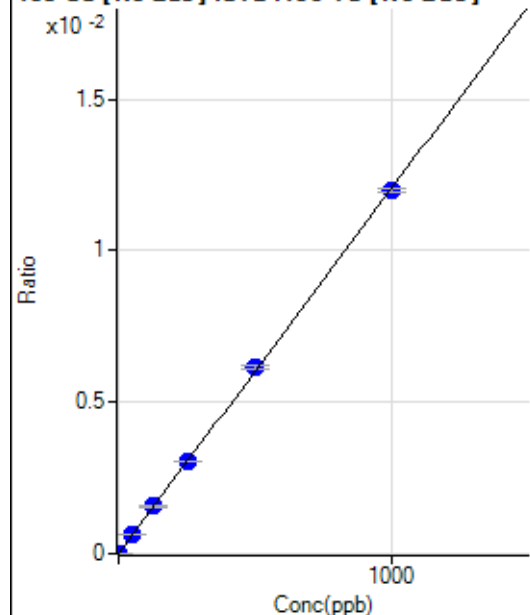
DL = 0.01337

BEC = 0.01525

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	33.0
2	☐	1.000	0.973	104.17	0.0000	P	7.5
3	☐	50.000	51.616	4003.41	0.0006	P	2.8
4	☐	125.000	129.290	10070.47	0.0016	P	1.2
5	☐	250.000	252.678	20667.04	0.0030	P	0.5
6	☐	500.000	510.227	41494.40	0.0061	P	2.4
7	☐	1000.000	993.600	83543.93	0.0120	P	1.1
8	☐			66.67	0.0000	P	11.6

$$y = 1.2041\text{E-}005 * x + 4.9828\text{E-}006$$

$$R = 0.9999$$

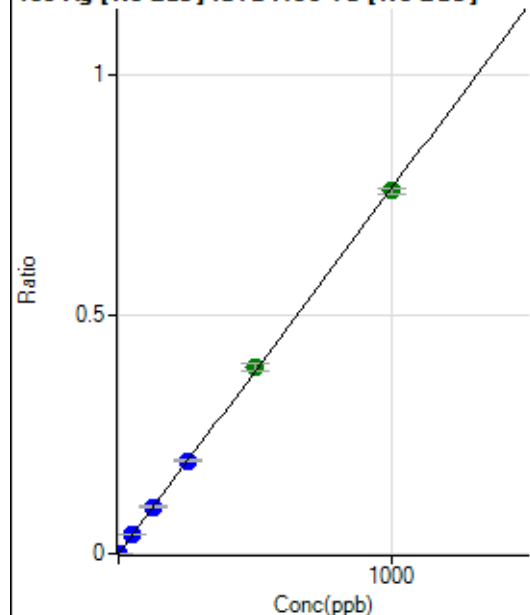
$$DL = 0.4093$$

$$BEC = 0.4138$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	42.4
2	☐	1.000	0.965	4664.82	0.0007	P	1.3
3	☐	50.000	51.647	252210.57	0.0395	P	2.8
4	☐	125.000	128.649	633813.35	0.0983	P	1.4
5	☐	250.000	253.496	1313178.75	0.1937	P	2.0
6	☐	500.000	511.168	2635281.38	0.3906	A	3.6
7	☐	1000.000	993.004	5295124.90	0.7587	A	1.6
8	☐			780.60	0.0001	P	10.6

$$y = 7.6402\text{E-}004 * x + 9.9551\text{E-}006$$

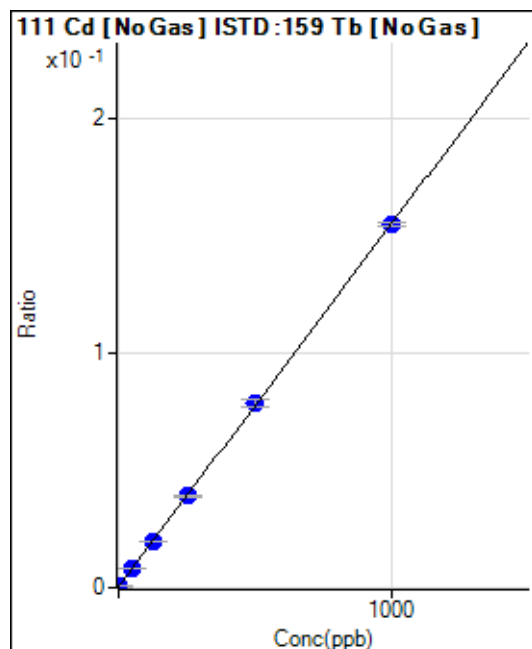
$$R = 0.9999$$

$$DL = 0.01658$$

$$BEC = 0.01303$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2173.36	0.0004	P	4.5
2	☐	1.000	1.076	3247.20	0.0005	P	4.0
3	☐	50.000	50.680	52447.20	0.0082	P	3.7
4	☐	125.000	125.807	128022.11	0.0199	P	1.6
5	☐	250.000	249.357	264459.91	0.0390	P	2.2
6	☐	500.000	506.466	532134.18	0.0789	P	3.3
7	☐	1000.000	996.793	1080784.37	0.1549	P	1.1
8	☐			2134.46	0.0003	P	8.8

$$y = 1.5501\text{E-}004 * x + 3.5351\text{E-}004$$

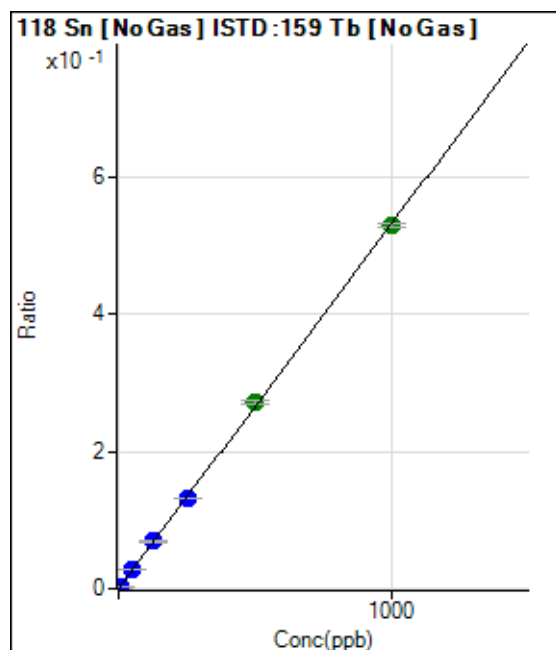
$$R = 1.0000$$

$$DL = 0.3112$$

$$BEC = 2.281$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.80	0.0001	P	15.1
2	☐	5.000	4.753	16201.74	0.0026	P	1.7
3	☐	50.000	52.264	177925.82	0.0278	P	2.6
4	☐	125.000	129.077	442707.68	0.0687	P	1.8
5	☐	250.000	249.252	898738.02	0.1325	P	0.3
6	☐	500.000	509.680	1828481.79	0.2709	A	1.8
7	☐	1000.000	994.726	3689758.11	0.5287	A	1.1
8	☐			1477.90	0.0002	P	14.4

$$y = 5.3143\text{E-}004 * x + 6.9532\text{E-}005$$

$$R = 0.9999$$

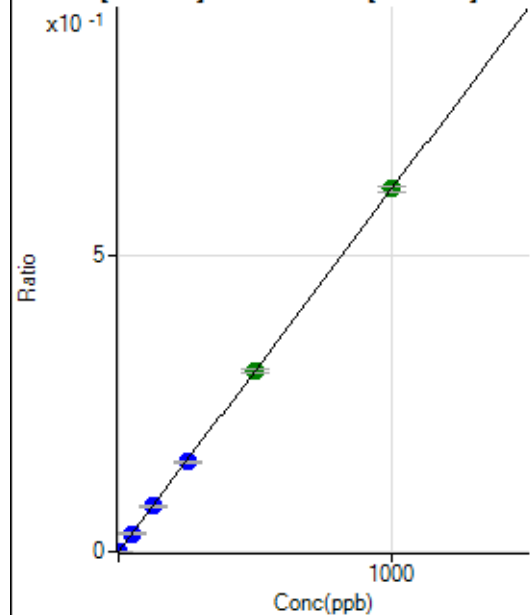
$$DL = 0.05931$$

$$BEC = 0.1308$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	45.6
2	☐	2.000	1.828	7007.57	0.0011	P	3.9
3	☐	50.000	49.957	194743.36	0.0305	P	2.9
4	☐	125.000	125.036	491608.33	0.0763	P	3.6
5	☐	250.000	247.606	1024062.17	0.1510	P	1.3
6	☐	500.000	498.616	2052420.60	0.3041	A	2.2
7	☐	1000.000	1001.288	4262651.70	0.6107	A	1.4
8	☐			2380.83	0.0003	P	6.6

$$y = 6.0992\text{E-}004 * x + 8.1644\text{E-}006$$

$$R = 1.0000$$

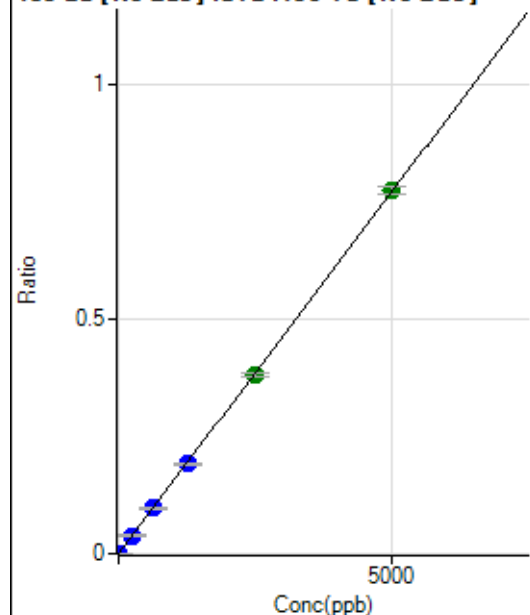
$$DL = 0.0183$$

$$BEC = 0.01339$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	86.6
2	☐	10.000	9.049	8728.08	0.0014	P	2.6
3	☐	250.000	252.185	248418.88	0.0389	P	4.1
4	☐	625.000	629.508	625734.75	0.0971	P	2.5
5	☐	1250.000	1242.748	1299297.75	0.1916	P	1.2
6	☐	2500.000	2466.596	2566759.76	0.3803	A	1.9
7	☐	5000.000	5017.844	5399892.57	0.7737	A	2.0
8	☐			1364.00	0.0002	P	13.4

$$y = 1.5418\text{E-}004 * x + 2.7284\text{E-}006$$

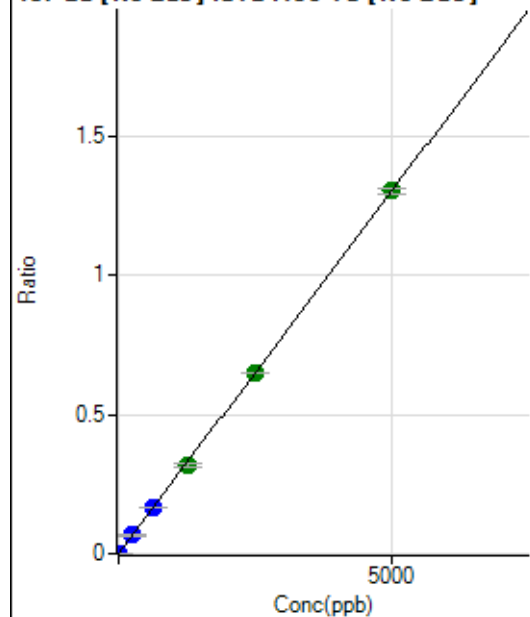
$$R = 1.0000$$

$$DL = 0.04598$$

$$BEC = 0.0177$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.6
2	☐	10.000	9.126	14852.99	0.0024	P	2.5
3	☐	250.000	254.200	422954.87	0.0662	P	1.9
4	☐	625.000	639.727	1073950.00	0.1665	P	0.8
5	☐	1250.000	1222.620	2157739.22	0.3183	A	2.5
6	☐	2500.000	2493.906	4382071.41	0.6492	A	0.6
7	☐	5000.000	5007.843	9098729.98	1.3036	A	1.6
8	☐			2414.17	0.0004	P	4.5

$$y = 2.6031E-004 * x + 4.5342E-006$$

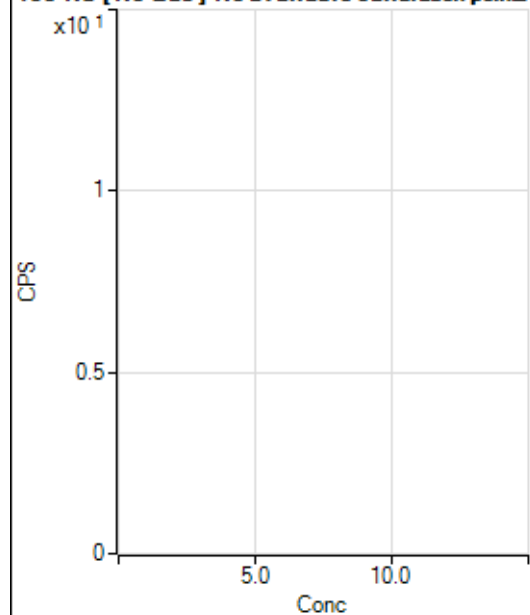
$$R = 1.0000$$

$$DL = 0.03273$$

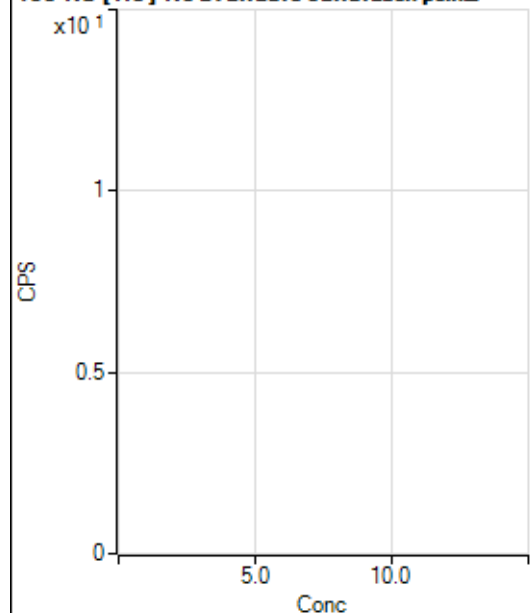
$$BEC = 0.01742$$

Weight: <None>

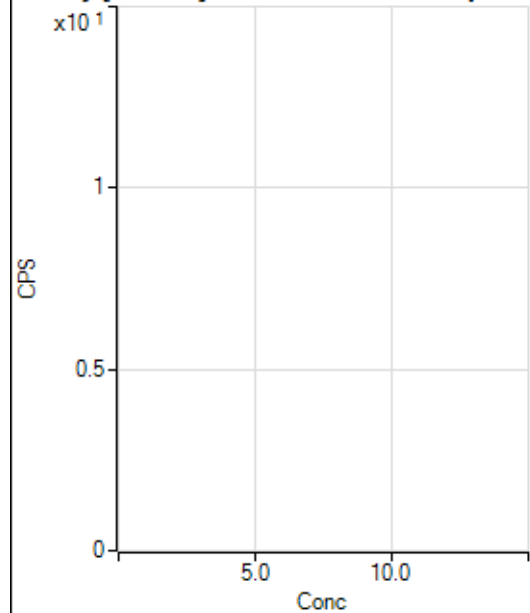
Min Conc: 0

150 Nd [No Gas] No available calibration points

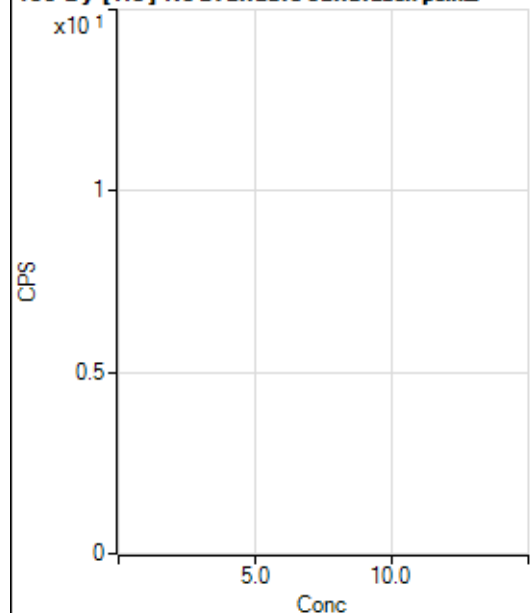
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			11.11		P	34.6
3	☐			17.78		P	108.
4	☐			62.22		P	32.7
5	☐			91.12		P	4.2
6	☐			146.67		P	37.2
7	☐			255.56		P	12.0
8	☐			42.22		P	50.8

150 Nd [He] No available calibration points

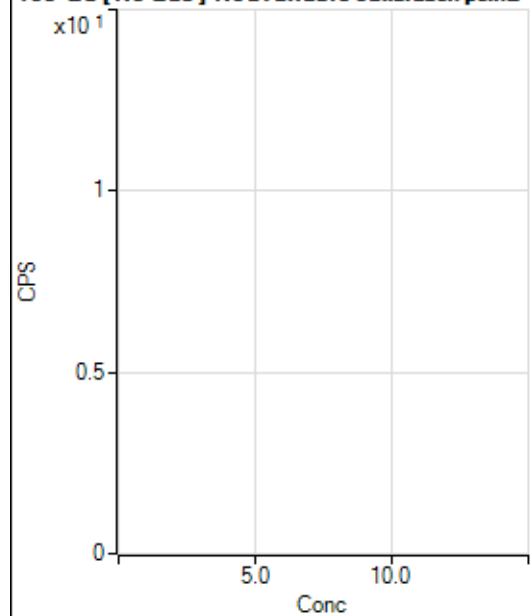
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			1.11		P	173.
4	☐			7.78		P	65.5
5	☐			11.11		P	45.8
6	☐			24.44		P	34.3
7	☐			25.55		P	61.6
8	☐			16.67		P	20.0

156 Dy [No Gas] No available calibration points

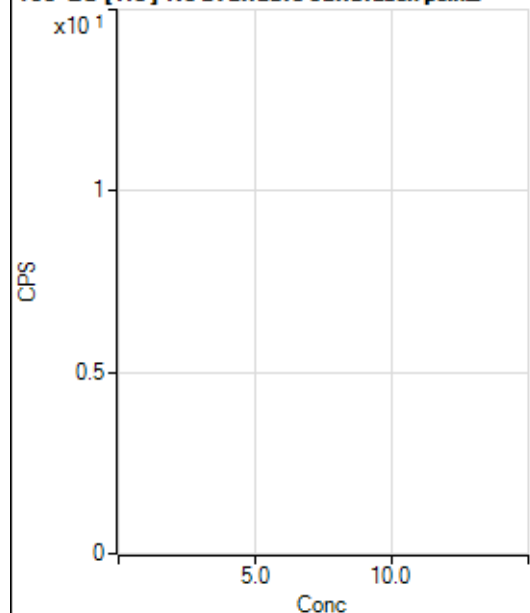
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			11.11		P	114.
3	☐			11.11		P	86.6
4	☐			13.89		P	69.3
5	☐			52.78		P	24.1
6	☐			102.78		P	20.4
7	☐			222.23		P	21.3
8	☐			719.48		P	10.8

156 Dy [He] No available calibration points

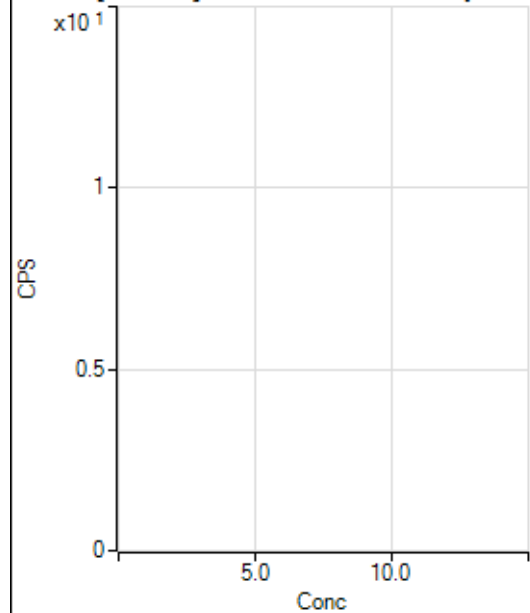
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			2.22		P	86.6
3	☐			16.67		P	40.0
4	☐			12.22		P	15.7
5	☐			38.89		P	13.1
6	☐			66.66		P	34.6
7	☐			118.89		P	29.5
8	☐			455.57		P	17.3

160 Gd [No Gas] Noavailable calibration poin...

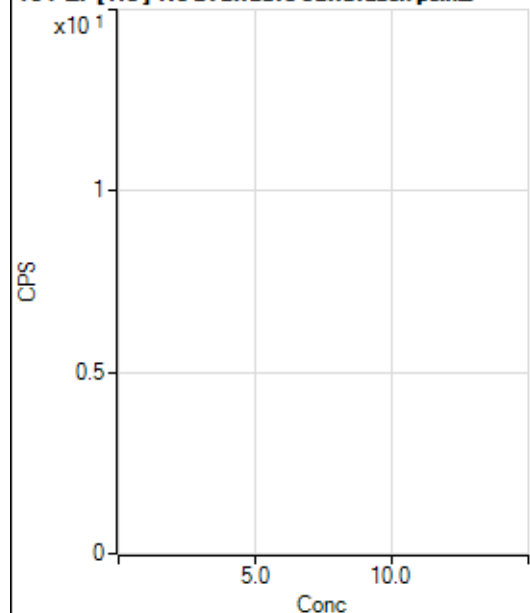
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐			41.67		P	52.9
3	☐			58.34		P	14.3
4	☐			80.56		P	31.6
5	☐			80.56		P	33.3
6	☐			105.56		P	25.4
7	☐			216.67		P	11.5
8	☐			622.26		P	10.1

160 Gd [He] No available calibration points

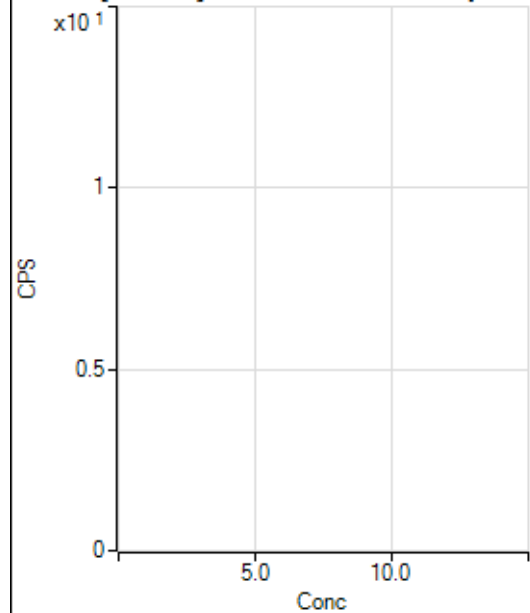
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	38.9
2	☐			54.44		P	40.8
3	☐			71.11		P	21.1
4	☐			60.00		P	14.7
5	☐			94.44		P	13.4
6	☐			104.45		P	14.7
7	☐			151.11		P	16.6
8	☐			510.02		P	5.7

164 Er [No Gas] No available calibration points

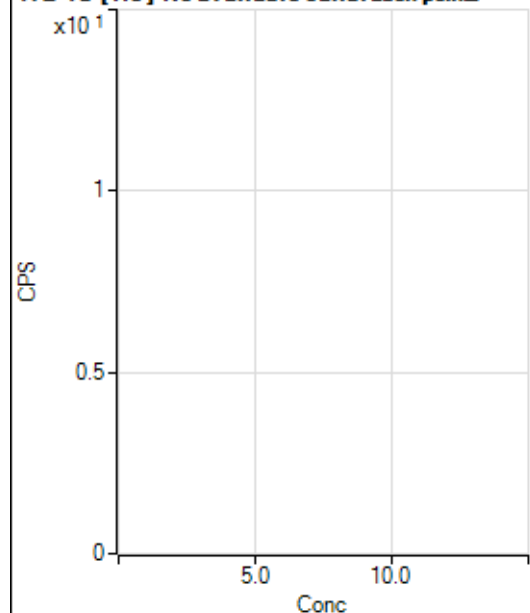
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	44.4
2	☐			38.89		P	24.7
3	☐			63.89		P	30.1
4	☐			52.78		P	24.1
5	☐			47.23		P	20.4
6	☐			50.00		P	33.3
7	☐			91.67		P	9.1
8	☐			97.23		P	19.8

164 Er [He] No available calibration points

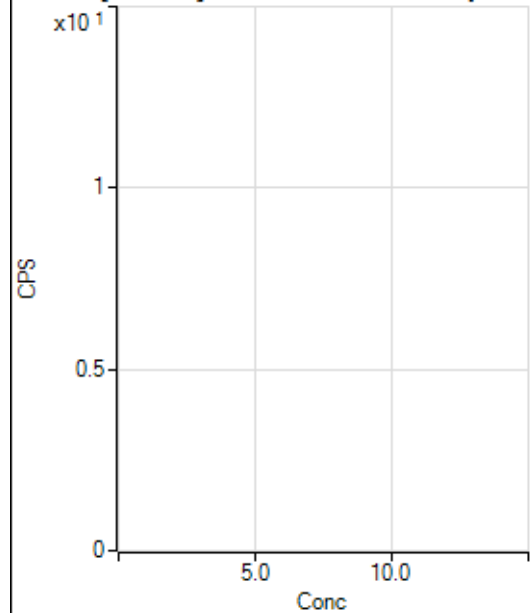
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	68.9
2	☐			17.78		P	39.0
3	☐			24.45		P	43.8
4	☐			30.00		P	58.8
5	☐			37.78		P	43.5
6	☐			42.22		P	9.1
7	☐			62.22		P	17.2
8	☐			67.78		P	15.0

172 Yb [No Gas] No available calibration points

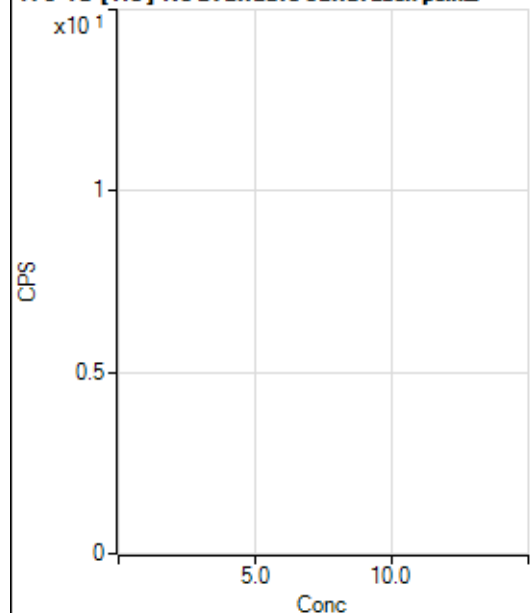
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	107.
2	☐			13.89		P	69.3
3	☐			16.67		P	50.0
4	☐			22.22		P	43.3
5	☐			36.11		P	66.6
6	☐			33.33		P	75.0
7	☐			27.78		P	45.8
8	☐			55.56		P	31.2

172 Yb [He] No available calibration points

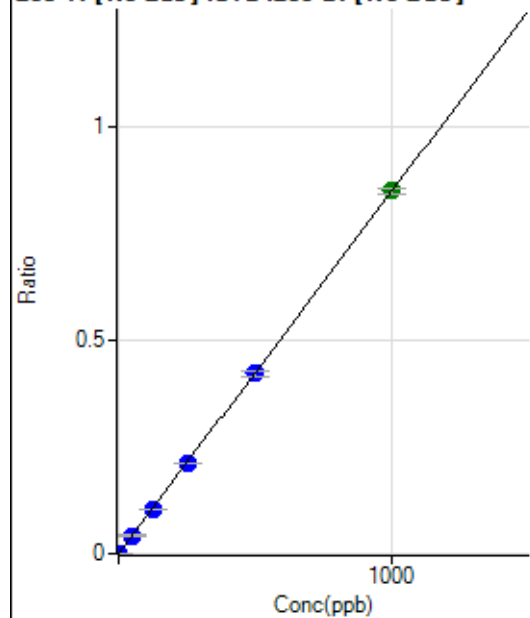
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	56.8
2	☐			11.11		P	100.
3	☐			11.11		P	50.0
4	☐			12.96		P	24.8
5	☐			11.11		P	100.
6	☐			7.41		P	43.2
7	☐			20.37		P	41.7
8	☐			37.04		P	17.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			613.92		P	11.0
2	☐			700.04		P	12.5
3	☐			1222.32		P	2.6
4	☐			2050.22		P	10.7
5	☐			3611.70		P	6.7
6	☐			6779.73		P	4.8
7	☐			13699.22		P	3.6
8	☐			650.04		P	23.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5067.76		P	1.7
2	☐			4971.40		P	4.4
3	☐			5799.55		P	8.1
4	☐			6099.67		P	3.8
5	☐			7111.31		P	5.4
6	☐			9735.25		P	5.0
7	☐			13670.21		P	3.6
8	☐			5202.97		P	3.9

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	269.46	0.0001	P	10.9
2	☐	1.000	0.864	2517.00	0.0008	P	5.3
3	☐	50.000	50.072	132834.73	0.0425	P	3.7
4	☐	125.000	122.543	326152.33	0.1039	P	1.2
5	☐	250.000	249.462	690387.46	0.2113	P	1.3
6	☐	500.000	496.911	1408616.75	0.4209	P	2.3
7	☐	1000.000	1001.983	3010466.69	0.8486	A	1.4
8	☐			355.57	0.0001	P	14.9

$$y = 8.4685E-004 * x + 8.8207E-005$$

$$R = 1.0000$$

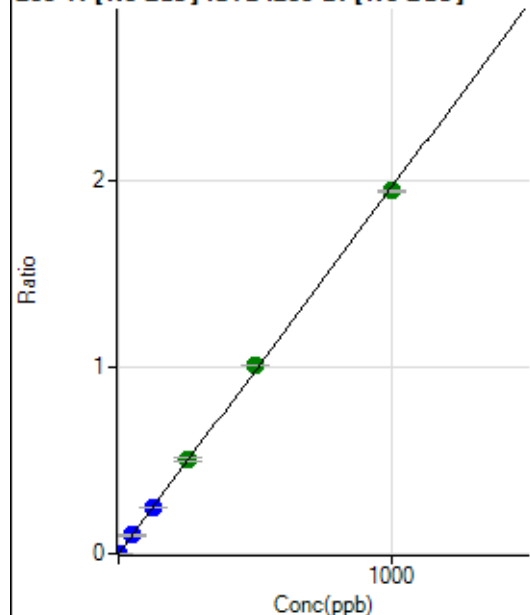
$$DL = 0.03404$$

$$BEC = 0.1042$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	605.59	0.0002	P	28.9
2	☐	1.000	0.856	5776.45	0.0019	P	6.3
3	☐	50.000	50.152	308895.78	0.0988	P	5.0
4	☐	125.000	126.304	780731.27	0.2486	P	2.5
5	☐	250.000	256.793	1650446.26	0.5053	A	2.5
6	☐	500.000	514.958	3391369.74	1.0131	A	0.7
7	☐	1000.000	990.652	6913340.78	1.9488	A	0.8
8	☐			891.72	0.0003	P	11.7

$$y = 0.0020 * x + 1.9869E-004$$

$$R = 0.9998$$

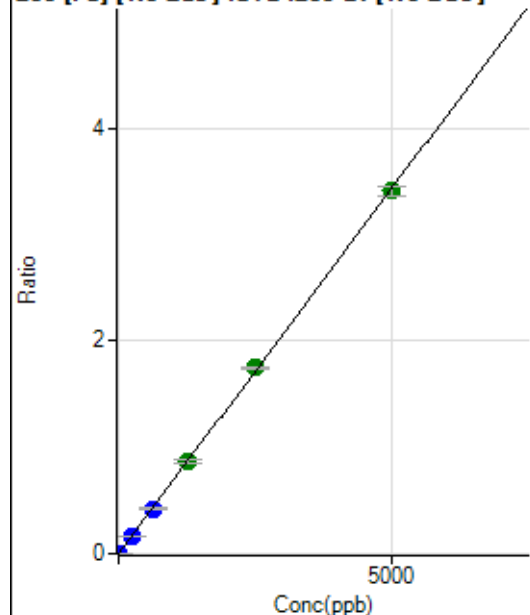
$$DL = 0.08754$$

$$BEC = 0.101$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	327.79	0.0001	P	7.7
2	☐	1.000	0.896	2215.05	0.0007	P	5.3
3	☐	250.000	236.757	507714.38	0.1624	P	3.9
4	☐	625.000	616.361	1327300.65	0.4227	P	2.0
5	☐	1250.000	1267.531	2839102.32	0.8691	A	2.7
6	☐	2500.000	2551.525	5856093.88	1.7494	A	1.0
7	☐	5000.000	4971.597	12088533.72	3.4086	A	2.9
8	☐			4938.06	0.0016	P	2.1

$$y = 6.8560E-004 * x + 1.0720E-004$$

$$R = 0.9999$$

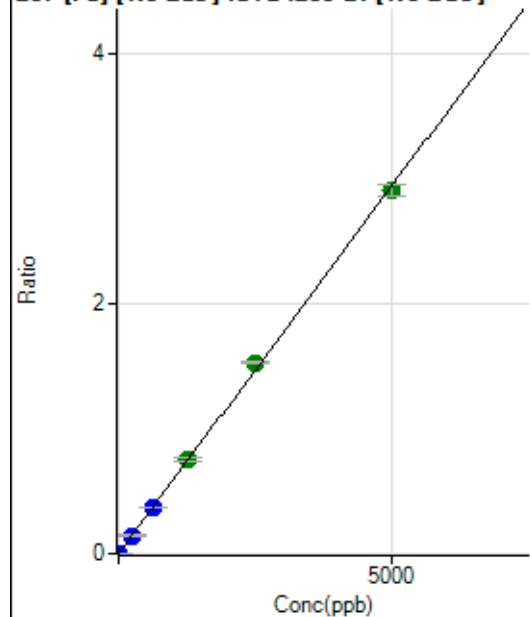
$$DL = 0.036$$

$$BEC = 0.1564$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	316.67	0.0001	P	4.0
2	☐	1.000	1.015	2150.22	0.0007	P	5.2
3	☐	250.000	246.285	453107.51	0.1449	P	3.6
4	☐	625.000	628.590	1161206.80	0.3698	P	1.5
5	☐	1250.000	1283.508	2465797.45	0.7549	A	2.6
6	☐	2500.000	2604.050	5126878.99	1.5316	A	1.5
7	☐	5000.000	4939.335	10301535.65	2.9049	A	3.2
8	☐			4237.81	0.0013	P	2.9

$$y = 5.8810E-004 * x + 1.0348E-004$$

$$R = 0.9996$$

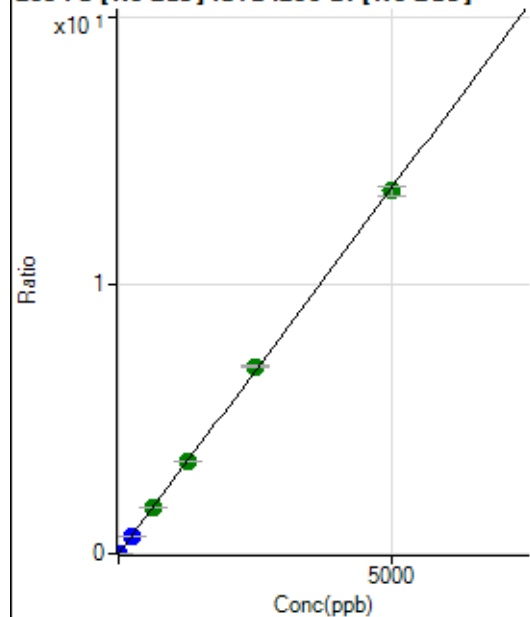
$$DL = 0.02094$$

$$BEC = 0.176$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1381.54	0.0005	P	11.4
2	☐	1.000	0.910	8981.00	0.0029	P	1.6
3	☐	250.000	243.590	2073145.67	0.6631	P	3.2
4	☐	625.000	628.144	5367677.88	1.7093	A	0.9
5	☐	1250.000	1267.273	11263367.27	3.4480	A	1.2
6	☐	2500.000	2561.847	23331599.30	6.9699	A	1.3
7	☐	5000.000	4964.686	47900607.43	13.5068	A	2.7
8	☐			19053.89	0.0060	P	0.8

$$y = 0.0027 * x + 4.5180E-004$$

$$R = 0.9999$$

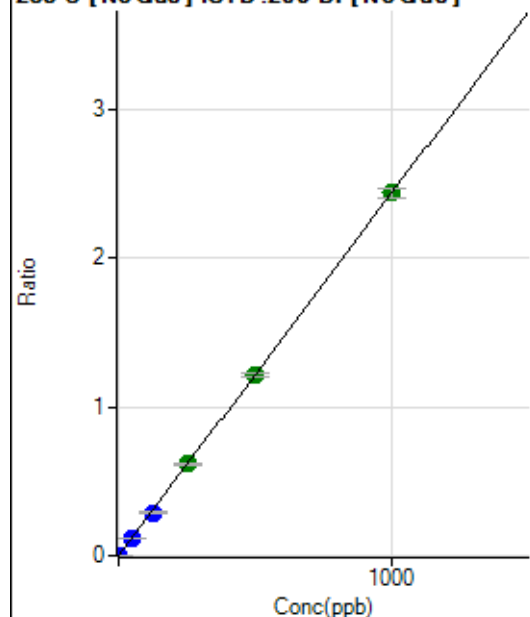
$$DL = 0.05669$$

$$BEC = 0.1661$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	116.
2	☐	1.000	0.860	6426.79	0.0021	P	7.3
3	☐	50.000	46.968	356964.97	0.1142	P	5.0
4	☐	125.000	118.412	904357.52	0.2880	P	2.3
5	☐	250.000	252.754	2008104.08	0.6147	A	0.7
6	☐	500.000	498.360	4056824.18	1.2120	A	1.9
7	☐	1000.000	1001.107	8638319.55	2.4347	A	2.5
8	☐			438.91	0.0001	P	18.3

$$y = 0.0024 * x + 3.6860E-006$$

$$R = 1.0000$$

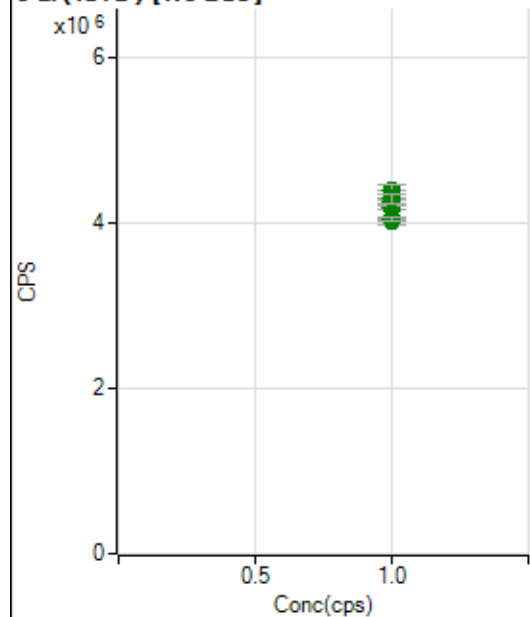
$$DL = 0.00529$$

$$BEC = 0.001516$$

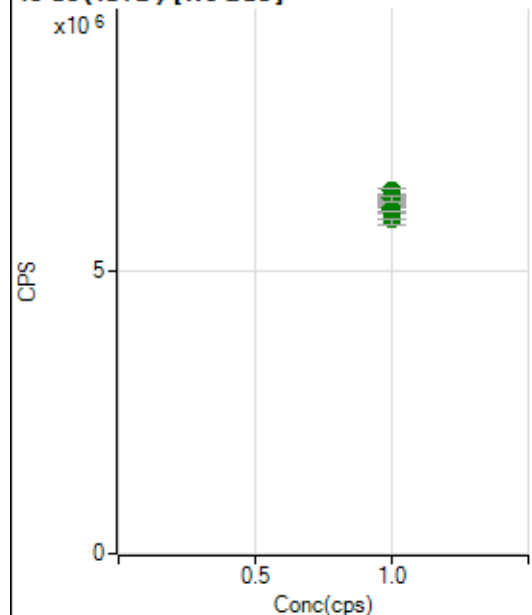
Weight: <None>

Min Conc: 0

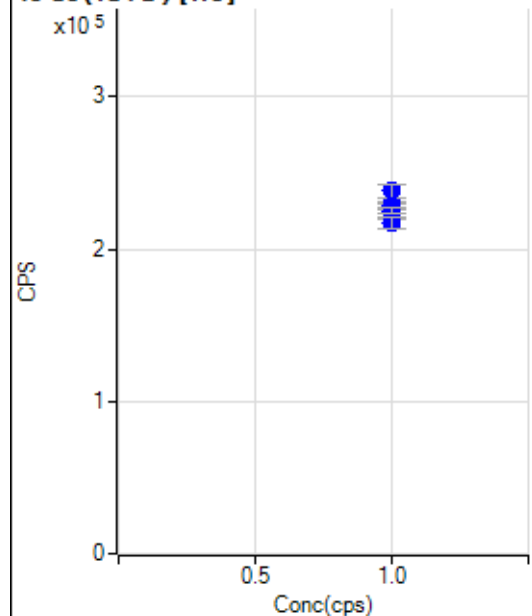
6 Li (ISTD) [No Gas]



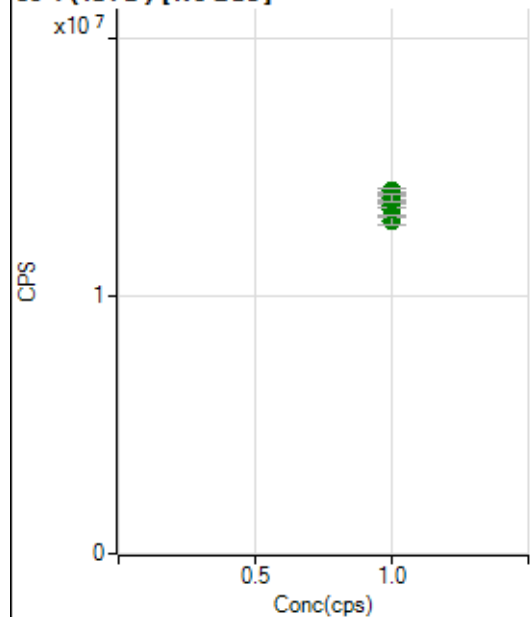
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4022239.36		A	1.7
2	☐	1.000		4053637.16		A	1.2
3	☐	1.000		4196474.67		A	1.7
4	☐	1.000		4213543.78		A	0.4
5	☐	1.000		4250801.62		A	1.6
6	☐	1.000		4347161.51		A	2.3
7	☐	1.000		4393792.08		A	3.7
8	☐	1.000		4301160.33		A	2.7

45 Sc (ISTD) [No Gas]

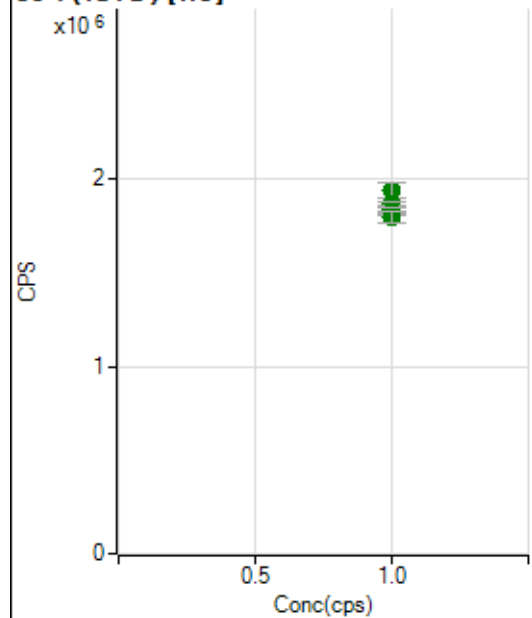
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5932636.09		A	3.0
2	☐	1.000		6050761.54		A	4.2
3	☐	1.000		6101422.06		A	0.7
4	☐	1.000		6144466.50		A	2.3
5	☐	1.000		6251453.24		A	1.8
6	☐	1.000		6304621.36		A	1.5
7	☐	1.000		6430943.03		A	1.5
8	☐	1.000		6291302.54		A	1.4

45 Sc (ISTD) [He]

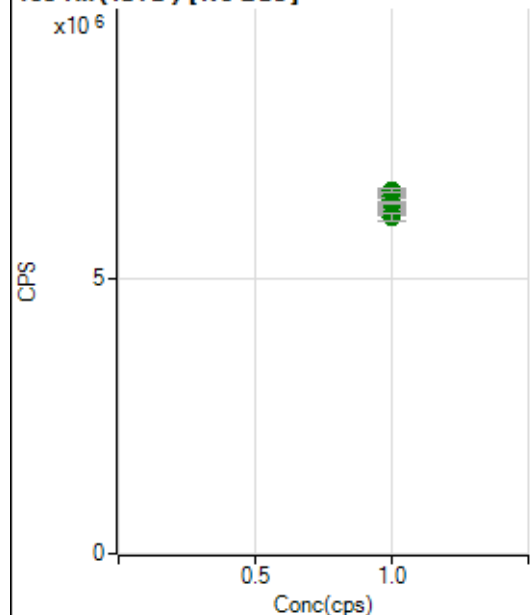
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		228372.94		P	1.0
2	☐	1.000		230088.08		P	0.6
3	☐	1.000		238296.50		P	3.8
4	☐	1.000		228080.58		P	1.2
5	☐	1.000		226754.99		P	0.7
6	☐	1.000		223162.72		P	2.8
7	☐	1.000		225268.49		P	1.6
8	☐	1.000		217752.05		P	3.5

89 Y (ISTD) [No Gas]

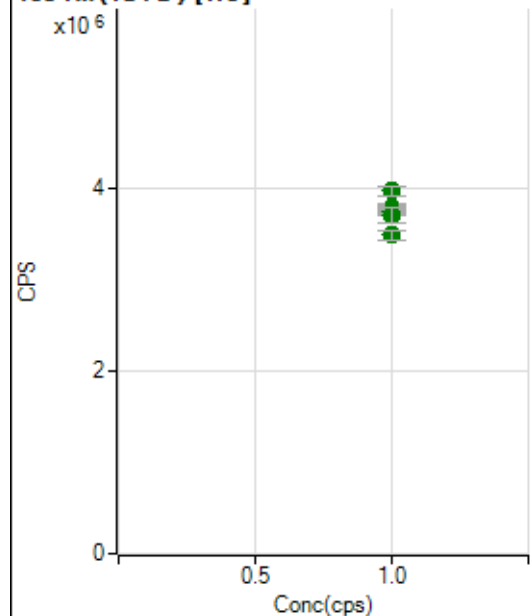
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12937025.50		A	2.1
2	☐	1.000		13405376.33		A	3.3
3	☐	1.000		13511432.16		A	0.9
4	☐	1.000		13728943.96		A	0.3
5	☐	1.000		13834407.85		A	1.5
6	☐	1.000		13968730.49		A	1.5
7	☐	1.000		14100454.65		A	1.2
8	☐	1.000		13820087.43		A	2.4

89 Y (ISTD) [He]

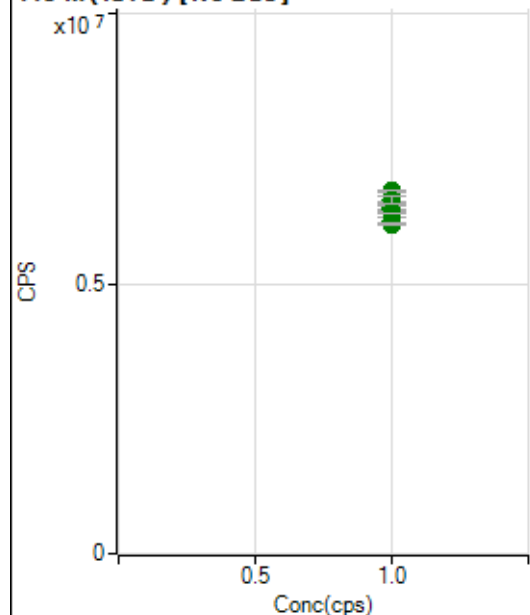
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1830974.25		A	2.6
2	☐	1.000		1835829.10		A	1.5
3	☐	1.000		1938350.35		A	4.3
4	☐	1.000		1869201.71		A	1.0
5	☐	1.000		1822240.65		A	0.1
6	☐	1.000		1832033.74		A	1.8
7	☐	1.000		1828945.58		A	1.9
8	☐	1.000		1794958.60		A	3.4

103 Rh (ISTD) [No Gas]

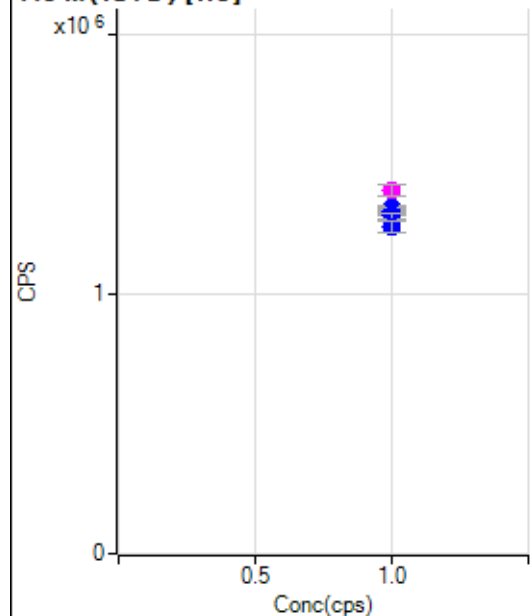
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6182142.28		A	1.1
2	☐	1.000		6413992.07		A	3.0
3	☐	1.000		6272593.19		A	1.1
4	☐	1.000		6501219.59		A	1.2
5	☐	1.000		6366672.71		A	0.5
6	☐	1.000		6554689.16		A	1.1
7	☐	1.000		6591904.40		A	1.1
8	☐	1.000		6100768.28		A	2.4

103 Rh (ISTD) [He]

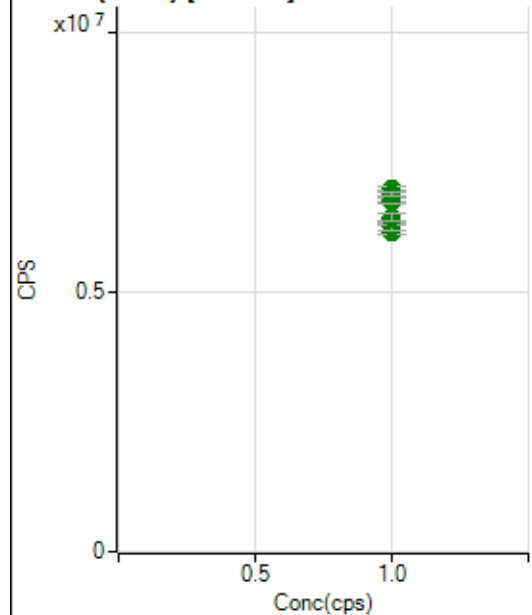
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3775932.58		A	1.1
2	☐	1.000		3776632.76		A	2.3
3	☐	1.000		3967915.05		A	3.0
4	☐	1.000		3791685.12		A	1.6
5	☐	1.000		3759415.78		A	2.5
6	☐	1.000		3735442.79		A	1.5
7	☐	1.000		3704830.39		A	4.3
8	☐	1.000		3481698.84		A	3.5

115 In (ISTD) [No Gas]

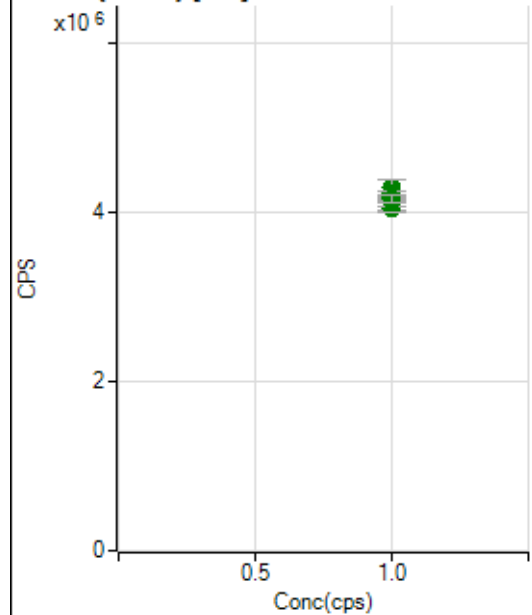
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6150303.69		A	2.3
2	☐	1.000		6103626.14		A	0.4
3	☐	1.000		6412892.90		A	1.6
4	☐	1.000		6392996.16		A	1.4
5	☐	1.000		6479598.32		A	1.2
6	☐	1.000		6719722.10		A	0.8
7	☐	1.000		6560517.43		A	2.0
8	☐	1.000		6314280.67		A	0.1

115 In (ISTD) [He]

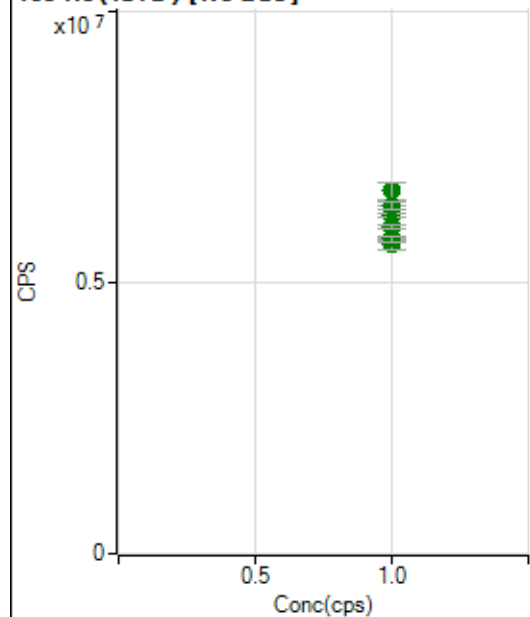
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1325294.33		P	1.7
2	☐	1.000		1319012.32		P	0.3
3	☐	1.000		1397430.39		M	3.3
4	☐	1.000		1336283.76		P	0.3
5	☐	1.000		1318977.32		P	0.6
6	☐	1.000		1317178.55		P	2.0
7	☐	1.000		1302343.45		P	1.9
8	☐	1.000		1259701.20		P	3.9

159 Tb (ISTD) [No Gas]

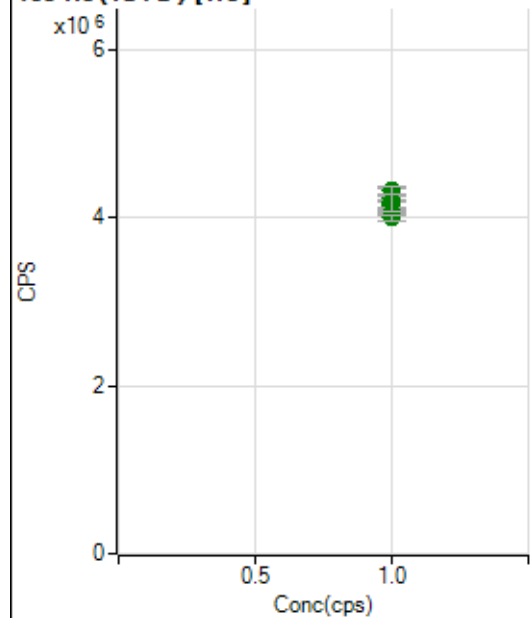
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6150303.10		A	1.4
2	☐	1.000		6242718.10		A	2.2
3	☐	1.000		6393544.07		A	3.2
4	☐	1.000		6449059.63		A	2.3
5	☐	1.000		6781651.43		A	1.9
6	☐	1.000		6750185.52		A	1.8
7	☐	1.000		6979307.47		A	1.2
8	☐	1.000		6880920.59		A	0.8

159 Tb (ISTD) [He]

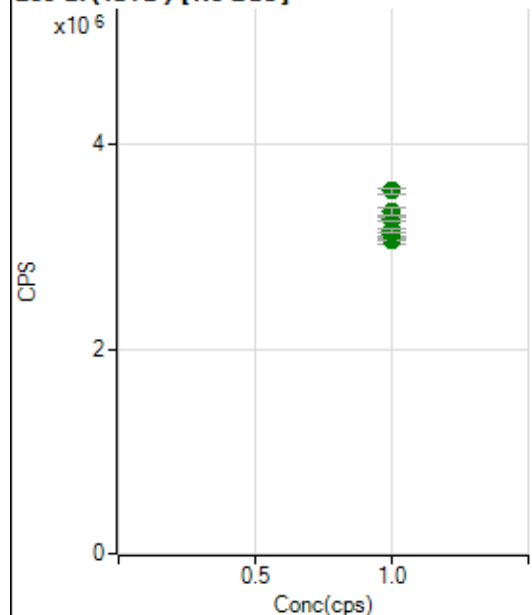
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4066892.93		A	1.8
2	☐	1.000		4052537.41		A	2.6
3	☐	1.000		4287347.78		A	4.2
4	☐	1.000		4116516.95		A	2.7
5	☐	1.000		4142965.11		A	0.5
6	☐	1.000		4184176.46		A	1.3
7	☐	1.000		4222303.86		A	1.4
8	☐	1.000		4162503.27		A	2.2

165 Ho (ISTD) [No Gas]

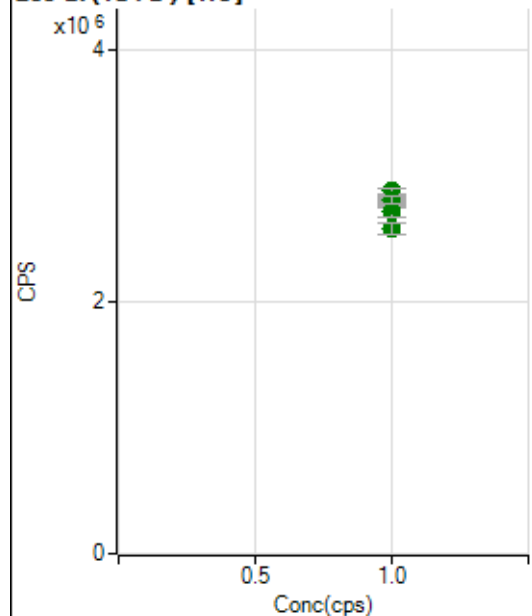
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5782408.11		A	0.5
2	☐	1.000		5706348.87		A	3.2
3	☐	1.000		5804475.26		A	1.9
4	☐	1.000		6030735.72		A	1.3
5	☐	1.000		6247114.20		A	1.1
6	☐	1.000		6338421.45		A	2.2
7	☐	1.000		6684435.40		A	4.6
8	☐	1.000		6414179.22		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4075975.98		A	0.8
2	☐	1.000		3997182.20		A	1.9
3	☐	1.000		4225854.59		A	5.5
4	☐	1.000		4152873.27		A	1.8
5	☐	1.000		4163340.50		A	2.4
6	☐	1.000		4225398.96		A	2.2
7	☐	1.000		4317122.78		A	3.0
8	☐	1.000		4185832.75		A	4.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3058249.43		A	2.4
2	☐	1.000		3069051.10		A	0.4
3	☐	1.000		3128662.21		A	3.5
4	☐	1.000		3140330.30		A	0.5
5	☐	1.000		3266796.90		A	1.1
6	☐	1.000		3347744.19		A	2.0
7	☐	1.000		3547561.82		A	1.8
8	☐	1.000		3167308.39		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2777921.45		A	2.4
2	☐	1.000		2713508.99		A	2.6
3	☐	1.000		2878961.07		A	1.8
4	☐	1.000		2769259.40		A	0.8
5	☐	1.000		2790002.35		A	1.9
6	☐	1.000		2813308.19		A	1.3
7	☐	1.000		2803569.33		A	2.3
8	☐	1.000		2580692.10		A	3.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8121421 MS.b
Acq. Date-Time 2021-12-14 10:32:06
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		12692	126915.85			0.922	5.000
24		116314	1163136.08			1.566	5.000
25		15452	154523.56			1.341	5.000
26		17463	174629.08			1.533	5.000
59		22479	224793.67			1.519	5.000
113		7717	77168.77			0.780	5.000
115		24769	247690.49			1.348	5.000
206		7650	76503.53			1.293	5.000
207		6376	63763.09			1.546	5.000
208		15773	157726.16			1.832	5.000
220		1	8.70			17.526	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

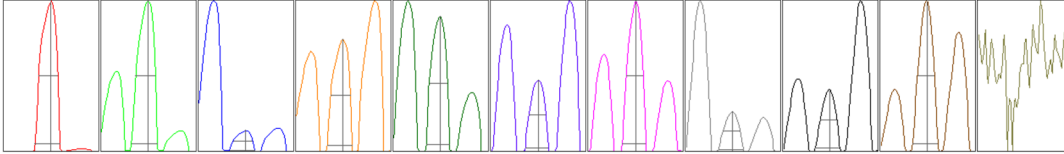
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12502	12683	12816	12713	12745
24	114350	115230	115926	116985	119077
25	15156	15384	15720	15465	15538
26	17003	17481	17604	17541	17685
59	21926	22392	22794	22622	22662
113	7620	7740	7700	7752	7772
115	24214	24989	25042	24881	24720
206	7478	7687	7712	7713	7662
207	6206	6457	6406	6388	6425
208	15273	15981	15888	15939	15781

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	22370.71	9.00	8.90 - 9.10	
24	198482.17	24.00	23.90 - 24.10	
25	26688.73	25.00	24.90 - 25.10	
26	29930.12	26.00	25.90 - 26.10	
59	41316.33	59.00	58.90 - 59.10	
113	14956.33	113.05	112.90 - 113.10	
115	49092.17	115.05	114.90 - 115.10	
206	14765.11	206.00	205.90 - 206.10	
207	12391.64	207.00	206.90 - 207.10	
208	30324.78	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.780	0.900	
24	0.62	0.820	0.900	
25	0.62	0.788	0.900	
26	0.62	0.788	0.900	
59	0.58	0.738	0.900	
113	0.53	0.732	0.900	
115	0.53	0.753	0.900	
206	0.53	0.782	0.900	
207	0.53	0.774	0.900	
208	0.54	0.807	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.1 V	Deflect	13.4 V
Extract 2	-190.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm

EM

Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5628	56280.62			2.104	
89		19717	197168.71			2.710	
205		24394	243940.99			2.157	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5667	5768	5680	5566	5459
89	19656	20397	20077	19411	19044
205	24335	25071	24723	24133	23709

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.1 V	Deflect	4.2 V

US EPA Tune Check Report

Extract 2	-190.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 10:35:09	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 10:35:09	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				101		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 10:35:09	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:08:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.17	-0.57	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.21	0.04	-0.25	0.00	N/A	ppb
Boron	11-1	0.00	0.05	-0.05	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.12	-0.06	0.00	N/A	ppb
Cadmium	106-1	-0.93	1.69	-0.76	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.16	-0.08	0.00	N/A	ppb
Calcium	43-1	1.19	-0.82	-0.37	0.00	N/A	ppb
Calcium	44-1	-3.76	0.38	3.38	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.04	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.48	0.18	0.30	0.00	N/A	ppb
Iron	56-2	0.05	-0.23	0.18	0.00	N/A	ppb
Iron	57-2	0.03	-0.73	0.70	0.00	N/A	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:08:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	0.07	-0.07	0.00	N/A	ppb
Manganese	55-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.03	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-11.37	10.85	-37.28	-12.60		ppb
Potassium	39-2	2.20	-1.17	-1.03	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.08	0.78	-0.70	0.00	N/A	ppb
Selenium	77-2	0.75	-1.44	0.70	0.00	N/A	ppb
Selenium	78-2	1.20	-1.00	-0.20	0.00	N/A	ppb
Silicon	28-1	-5.18	-0.41	5.59	0.00	N/A	ppb
Silver	107-1	0.00	0.00	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	0.90	0.40	-1.30	0.00	N/A	ppb
Strontium	86-1	-0.06	0.09	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-791.52	11.31	541.96	-79.42		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.03	-0.03	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:08:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.22	0.03	0.19	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.02	-0.05	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:17:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.56	18.53	18.78	18.63	0.72	ppb
Antimony	121-1	1.88	1.75	1.86	1.83	3.95	ppb
Arsenic	75-2	0.95	1.10	0.98	1.01	8.12	ppb
Barium	135-1	9.14	9.23	8.78	9.05	2.62	ppb
Barium	137-1	9.34	8.88	9.15	9.13	2.53	ppb
Beryllium	9-1	1.01	1.07	0.97	1.02	4.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	20.76	23.43	23.03	22.41	6.43	ppb
Boron	11-1	22.33	23.98	22.86	23.06	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	1.22	1.06	0.95	1.08	12.35	ppb
Cadmium	106-1	2.80	2.91	-0.55	1.72	114.46	ppb
Cadmium	108-1	0.94	0.89	1.09	0.97	10.72	ppb
Calcium	43-1	502.12	453.18	453.25	469.52	6.01	ppb
Calcium	44-1	497.74	461.26	449.69	469.57	5.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.74	1.88	1.77	1.80	3.94	ppb
Cobalt	59-2	0.93	0.95	0.89	0.92	3.07	ppb
Copper	63-2	1.87	1.85	1.92	1.88	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	51.27	52.96	50.44	51.56	2.49	ppb
Iron	56-2	48.14	48.78	47.88	48.27	0.96	ppb
Iron	57-2	52.53	46.70	49.18	49.47	5.92	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:17:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.86	0.96	0.87	0.90	6.21	ppb
Lead	207-1	1.06	1.05	0.94	1.02	6.05	ppb
Lead	208-1	0.90	0.93	0.90	0.91	1.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	476.72	487.70	483.62	482.68	1.15	ppb
Manganese	55-2	0.87	1.06	0.98	0.97	10.24	ppb
Molybdenum	94-1	5.25	5.37	5.50	5.37	2.33	ppb
Molybdenum	95-1	4.40	4.67	4.70	4.59	3.62	ppb
Molybdenum	96-1	4.76	4.63	4.88	4.75	2.66	ppb
Molybdenum	97-1	5.00	4.45	5.02	4.82	6.77	ppb
Molybdenum	98-1	4.52	4.45	4.78	4.58	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.94	1.02	0.96	4.66	ppb
Phosphorus	31-2	-0.50	4.40	33.91	12.60	147.71	ppb
Potassium	39-2	474.98	478.19	481.21	478.13	0.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.02	2.48	4.13	3.54	26.00	ppb
Selenium	77-2	1.75	7.22	-0.39	2.86	137.40	ppb
Selenium	78-2	7.54	5.84	4.10	5.83	29.56	ppb
Silicon	28-1	12.25	-0.03	1.40	4.54	147.96	ppb
Silver	107-1	0.89	0.96	0.93	0.93	3.45	ppb
Silver	109-1	0.98	0.96	0.96	0.97	1.30	ppb
Sodium	23-2	475.30	475.97	475.51	475.59	0.07	ppb
Strontium	86-1	0.69	0.73	0.87	0.76	12.44	ppb
Strontium	88-1	0.90	0.90	0.93	0.91	1.64	ppb
Sulfur	34-1	840.26	-54.61	-547.39	79.42	885.77	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.88	0.81	0.86	5.98	ppb
Thallium	205-1	0.91	0.86	0.79	0.86	7.05	ppb
Tin	118-1	4.83	4.77	4.67	4.75	1.73	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:17:19	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.65	4.93	4.45	4.67	5.21	ppb
Uranium	238-1	0.85	0.80	0.92	0.86	7.30	ppb
Vanadium	51-2	4.40	4.61	4.59	4.53	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	2.25	2.35	2.18	2.26	3.71	ppb
Zirconium	90-1	0.90	0.86	0.91	0.89	3.03	ppb
Zirconium	91-1	0.83	0.77	0.91	0.84	8.58	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:20:25	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1062.09	1027.30	979.10	1022.83	4.07	ppb
Antimony	121-1	50.98	48.31	50.58	49.96	2.89	ppb
Arsenic	75-2	53.15	49.37	47.43	49.98	5.82	ppb
Barium	135-1	254.72	240.94	260.89	252.18	4.05	ppb
Barium	137-1	258.99	249.50	254.11	254.20	1.87	ppb
Beryllium	9-1	53.02	50.56	50.69	51.42	2.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	46.20	48.74	49.86	48.27	3.88	ppb
Boron	11-1	43.98	45.38	48.71	46.02	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	51.79	48.40	51.84	50.68	3.89	ppb
Cadmium	106-1	51.44	45.08	52.38	49.63	8.00	ppb
Cadmium	108-1	51.85	50.04	52.97	51.62	2.86	ppb
Calcium	43-1	5548.13	5554.27	5515.08	5539.16	0.38	ppb
Calcium	44-1	5641.25	5637.53	5490.54	5589.77	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.47	48.93	46.66	49.36	5.93	ppb
Cobalt	59-2	51.92	50.04	47.78	49.92	4.15	ppb
Copper	63-2	534.51	509.35	492.98	512.28	4.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	2822.33	2706.33	2624.81	2717.82	3.65	ppb
Iron	56-2	2769.36	2644.04	2508.49	2640.63	4.94	ppb
Iron	57-2	2798.13	2622.72	2512.70	2644.52	5.44	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:20:25	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.01	227.34	245.92	236.76	3.93	ppb
Lead	207-1	247.42	236.98	254.46	246.29	3.57	ppb
Lead	208-1	242.57	236.29	251.91	243.59	3.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	5534.77	5343.52	5076.22	5318.17	4.33	ppb
Manganese	55-2	534.25	516.60	487.05	512.63	4.65	ppb
Molybdenum	94-1	564.55	555.31	540.28	553.38	2.21	ppb
Molybdenum	95-1	543.87	547.55	551.67	547.70	0.71	ppb
Molybdenum	96-1	556.74	549.23	565.89	557.29	1.50	ppb
Molybdenum	97-1	547.54	557.36	545.29	550.06	1.17	ppb
Molybdenum	98-1	527.08	545.94	520.74	531.25	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.27	51.04	48.98	51.09	4.20	ppb
Phosphorus	31-2	950.99	865.18	844.98	887.05	6.35	ppb
Potassium	39-2	2734.98	2687.21	2540.34	2654.18	3.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	49.61	48.95	50.44	49.67	1.50	ppb
Selenium	77-2	48.38	61.42	49.22	53.01	13.76	ppb
Selenium	78-2	57.52	52.82	50.40	53.58	6.76	ppb
Silicon	28-1	44.91	44.69	50.76	46.79	7.36	ppb
Silver	107-1	53.38	50.18	54.92	52.83	4.57	ppb
Silver	109-1	51.94	50.07	52.93	51.65	2.82	ppb
Sodium	23-2	5443.16	5200.12	5049.89	5231.06	3.79	ppb
Strontium	86-1	514.65	516.34	506.74	512.58	1.00	ppb
Strontium	88-1	512.68	511.00	510.08	511.25	0.26	ppb
Sulfur	34-1	1295.66	1058.40	906.16	1086.74	18.06	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	50.71	47.98	51.53	50.07	3.71	ppb
Thallium	205-1	49.99	47.75	52.72	50.15	4.96	ppb
Tin	118-1	53.25	50.70	52.84	52.26	2.62	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:20:25	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	581.12	566.80	570.91	572.94	1.29	ppb
Uranium	238-1	46.55	44.86	49.50	46.97	5.00	ppb
Vanadium	51-2	52.15	49.68	47.09	49.64	5.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	530.23	511.27	486.82	509.44	4.27	ppb
Zirconium	90-1	50.19	51.19	48.95	50.11	2.24	ppb
Zirconium	91-1	48.97	49.50	47.77	48.75	1.83	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:23:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2600.57	2561.85	2595.29	2585.90	0.81	ppb
Antimony	121-1	130.01	121.20	123.89	125.04	3.61	ppb
Arsenic	75-2	127.00	123.96	122.30	124.42	1.91	ppb
Barium	135-1	646.55	616.04	625.93	629.51	2.47	ppb
Barium	137-1	642.17	643.41	633.60	639.73	0.83	ppb
Beryllium	9-1	127.75	127.81	128.98	128.18	0.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	113.69	120.69	121.71	118.69	3.68	ppb
Boron	11-1	109.91	119.12	121.78	116.94	5.33	ppb
Bromine	81-1						cps
Cadmium	111-1	127.56	123.50	126.36	125.81	1.66	ppb
Cadmium	106-1	139.11	132.49	135.41	135.67	2.45	ppb
Cadmium	108-1	130.85	127.64	129.38	129.29	1.24	ppb
Calcium	43-1	13945.01	13424.77	14014.03	13794.60	2.34	ppb
Calcium	44-1	13434.63	13227.31	13591.14	13417.70	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.94	124.90	125.67	126.17	1.25	ppb
Cobalt	59-2	128.01	125.27	127.68	126.98	1.18	ppb
Copper	63-2	1356.35	1298.76	1301.29	1318.80	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	6939.33	6829.49	6762.86	6843.90	1.30	ppb
Iron	56-2	6801.27	6418.32	6767.10	6662.23	3.18	ppb
Iron	57-2	6718.89	6535.56	6698.26	6650.90	1.51	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:23:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	621.92	602.48	624.69	616.36	1.96	ppb
Lead	207-1	628.00	619.74	638.03	628.59	1.46	ppb
Lead	208-1	629.59	621.98	632.85	628.14	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	13337.53	13226.49	13697.60	13420.54	1.84	ppb
Manganese	55-2	1322.02	1290.07	1302.40	1304.83	1.23	ppb
Molybdenum	94-1	1321.49	1359.42	1338.63	1339.85	1.42	ppb
Molybdenum	95-1	1331.15	1331.39	1338.38	1333.64	0.31	ppb
Molybdenum	96-1	1316.65	1313.55	1351.78	1327.33	1.60	ppb
Molybdenum	97-1	1348.03	1301.74	1378.37	1342.71	2.87	ppb
Molybdenum	98-1	1344.19	1301.67	1374.88	1340.25	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.55	127.58	128.78	129.30	1.58	ppb
Phosphorus	31-2	2651.30	2533.06	2435.67	2540.01	4.25	ppb
Potassium	39-2	6713.69	6546.08	6695.30	6651.69	1.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	123.76	125.53	124.89	124.73	0.72	ppb
Selenium	77-2	134.02	137.69	114.45	128.72	9.71	ppb
Selenium	78-2	133.57	123.82	128.34	128.58	3.80	ppb
Silicon	28-1	127.09	120.54	139.74	129.13	7.56	ppb
Silver	107-1	132.45	124.64	131.59	129.56	3.30	ppb
Silver	109-1	130.60	126.95	128.40	128.65	1.43	ppb
Sodium	23-2	13437.16	12767.76	13185.31	13130.07	2.58	ppb
Strontium	86-1	1241.45	1273.27	1281.17	1265.30	1.66	ppb
Strontium	88-1	1234.17	1244.66	1253.15	1243.99	0.76	ppb
Sulfur	34-1	3046.11	2419.27	3146.56	2870.65	13.73	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	124.18	121.48	121.97	122.54	1.17	ppb
Thallium	205-1	128.41	122.65	127.84	126.30	2.51	ppb
Tin	118-1	131.67	127.07	128.49	129.08	1.82	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:23:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1422.16	1353.07	1436.65	1403.96	3.18	ppb
Uranium	238-1	116.87	116.86	121.51	118.41	2.26	ppb
Vanadium	51-2	127.74	125.00	127.35	126.69	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	1310.34	1266.72	1286.42	1287.82	1.70	ppb
Zirconium	90-1	123.02	121.34	122.88	122.41	0.76	ppb
Zirconium	91-1	119.12	120.45	119.74	119.77	0.55	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:26:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5331.66	5249.41	5218.96	5266.68	1.11	ppb
Antimony	121-1	251.11	246.73	244.98	247.61	1.27	ppb
Arsenic	75-2	257.09	259.17	254.98	257.08	0.82	ppb
Barium	135-1	1258.69	1228.94	1240.61	1242.75	1.21	ppb
Barium	137-1	1257.40	1205.12	1205.34	1222.62	2.46	ppb
Beryllium	9-1	264.23	256.55	256.92	259.24	1.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	235.46	249.20	256.53	247.07	4.33	ppb
Boron	11-1	231.25	245.72	256.27	244.41	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	255.41	248.34	244.32	249.36	2.25	ppb
Cadmium	106-1	260.95	254.50	237.75	251.07	4.77	ppb
Cadmium	108-1	253.36	251.09	253.58	252.68	0.55	ppb
Calcium	43-1	27648.02	28208.26	27496.03	27784.10	1.35	ppb
Calcium	44-1	27547.23	26878.43	26992.59	27139.41	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.96	255.27	250.84	253.69	0.97	ppb
Cobalt	59-2	257.31	257.82	254.87	256.67	0.61	ppb
Copper	63-2	2649.34	2615.81	2593.31	2619.49	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	13897.51	13999.84	13859.84	13919.06	0.52	ppb
Iron	56-2	13667.92	13344.22	13303.35	13438.50	1.49	ppb
Iron	57-2	13606.62	13323.86	13164.32	13364.93	1.68	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:26:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1285.45	1289.30	1227.84	1267.53	2.72	ppb
Lead	207-1	1265.66	1322.35	1262.52	1283.51	2.62	ppb
Lead	208-1	1266.89	1282.89	1252.04	1267.27	1.22	ppb
Lithium	6-1				106		%
Magnesium	24-2	27484.09	26749.70	26675.31	26969.70	1.66	ppb
Manganese	55-2	2687.26	2632.82	2663.30	2661.12	1.03	ppb
Molybdenum	94-1	2721.19	2742.22	2674.73	2712.71	1.27	ppb
Molybdenum	95-1	2750.83	2670.35	2699.69	2706.96	1.50	ppb
Molybdenum	96-1	2803.22	2683.97	2756.39	2747.86	2.19	ppb
Molybdenum	97-1	2748.48	2675.45	2707.13	2710.35	1.35	ppb
Molybdenum	98-1	2657.89	2606.88	2644.26	2636.34	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.10	264.17	255.13	261.47	2.11	ppb
Phosphorus	31-2	5366.52	5103.11	5162.99	5210.87	2.65	ppb
Potassium	39-2	13388.82	13159.10	13203.35	13250.42	0.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	255.10	255.26	246.10	252.15	2.08	ppb
Selenium	77-2	270.60	265.73	252.92	263.08	3.47	ppb
Selenium	78-2	267.58	262.31	252.54	260.81	2.93	ppb
Silicon	28-1	249.97	260.65	256.20	255.61	2.10	ppb
Silver	107-1	257.03	262.43	251.41	256.96	2.14	ppb
Silver	109-1	259.21	251.53	249.75	253.50	1.98	ppb
Sodium	23-2	26534.69	26062.55	26187.46	26261.57	0.93	ppb
Strontium	86-1	2599.36	2436.40	2471.15	2502.30	3.43	ppb
Strontium	88-1	2580.41	2514.14	2514.64	2536.40	1.50	ppb
Sulfur	34-1	5864.11	6100.88	5273.84	5746.28	7.41	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	245.90	250.37	252.11	249.46	1.28	ppb
Thallium	205-1	253.47	264.08	252.83	256.79	2.46	ppb
Tin	118-1	250.15	249.18	248.43	249.25	0.35	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:26:34	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2870.27	2845.79	2835.47	2850.51	0.63	ppb
Uranium	238-1	254.46	252.88	250.93	252.75	0.70	ppb
Vanadium	51-2	258.51	253.39	253.81	255.23	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	2567.39	2576.86	2561.06	2568.44	0.31	ppb
Zirconium	90-1	249.81	250.15	255.41	251.79	1.25	ppb
Zirconium	91-1	245.79	253.11	244.71	247.87	1.84	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:29:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10804.73	10275.19	10204.47	10428.13	3.15	ppb
Antimony	121-1	492.07	492.27	511.51	498.62	2.24	ppb
Arsenic	75-2	510.22	519.73	497.45	509.14	2.20	ppb
Barium	135-1	2427.24	2453.59	2518.96	2466.60	1.91	ppb
Barium	137-1	2480.49	2492.47	2508.76	2493.91	0.57	ppb
Beryllium	9-1	502.36	500.57	520.04	507.65	2.12	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	468.47	483.10	533.23	494.93	6.86	ppb
Boron	11-1	464.24	486.07	536.28	495.53	7.45	ppb
Bromine	81-1						cps
Cadmium	111-1	501.15	493.07	525.18	506.47	3.30	ppb
Cadmium	106-1	504.98	518.48	521.67	515.04	1.72	ppb
Cadmium	108-1	504.73	501.73	524.23	510.23	2.39	ppb
Calcium	43-1	56664.37	55156.25	56817.07	56212.56	1.63	ppb
Calcium	44-1	54062.69	53916.28	53686.14	53888.37	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	529.66	496.84	493.40	506.63	3.95	ppb
Cobalt	59-2	543.29	502.63	508.02	517.98	4.26	ppb
Copper	63-2	5365.12	5049.19	4977.13	5130.48	4.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	28656.41	27797.94	26914.37	27789.57	3.13	ppb
Iron	56-2	27391.26	26483.26	25842.01	26572.18	2.93	ppb
Iron	57-2	27430.58	26356.07	25975.22	26587.29	2.84	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:29:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2524.29	2572.22	2558.07	2551.52	0.97	ppb
Lead	207-1	2560.00	2619.91	2632.24	2604.05	1.48	ppb
Lead	208-1	2523.15	2579.10	2583.29	2561.85	1.31	ppb
Lithium	6-1				108		%
Magnesium	24-2	55154.89	52898.41	52039.48	53364.26	3.02	ppb
Manganese	55-2	5386.66	5095.23	5000.03	5160.64	3.90	ppb
Molybdenum	94-1	5428.21	5445.66	5364.01	5412.63	0.79	ppb
Molybdenum	95-1	5467.16	5373.34	5431.97	5424.16	0.87	ppb
Molybdenum	96-1	5529.37	5227.40	5361.94	5372.91	2.82	ppb
Molybdenum	97-1	5434.70	5227.57	5166.22	5276.16	2.67	ppb
Molybdenum	98-1	5549.41	5289.88	5193.80	5344.36	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.22	505.67	503.88	511.59	2.31	ppb
Phosphorus	31-2	10877.52	10570.93	9954.95	10467.80	4.49	ppb
Potassium	39-2	27617.55	25660.07	26001.23	26426.28	3.96	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	510.83	504.30	507.72	507.61	0.64	ppb
Selenium	77-2	493.20	536.97	473.77	501.31	6.46	ppb
Selenium	78-2	518.65	506.54	499.27	508.15	1.93	ppb
Silicon	28-1	511.44	524.61	552.83	529.63	3.99	ppb
Silver	107-1	498.08	513.94	532.10	514.71	3.31	ppb
Silver	109-1	519.29	490.24	523.98	511.17	3.58	ppb
Sodium	23-2	54364.34	51835.52	51421.54	52540.47	3.03	ppb
Strontium	86-1	5082.10	4960.56	4942.62	4995.09	1.52	ppb
Strontium	88-1	5006.97	5009.68	5063.18	5026.61	0.63	ppb
Sulfur	34-1	12958.19	12044.31	12766.22	12589.58	3.83	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	489.16	510.12	491.46	496.91	2.31	ppb
Thallium	205-1	511.25	517.99	515.64	514.96	0.66	ppb
Tin	118-1	504.17	504.50	520.37	509.68	1.82	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:29:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5575.60	5400.49	5557.05	5511.05	1.75	ppb
Uranium	238-1	487.37	505.18	502.53	498.36	1.93	ppb
Vanadium	51-2	529.25	498.94	500.36	509.52	3.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	5332.40	5106.13	5039.53	5159.36	2.98	ppb
Zirconium	90-1	502.65	507.15	509.41	506.40	0.68	ppb
Zirconium	91-1	494.58	506.51	497.62	499.57	1.24	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:32:43	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20740.42	19720.93	20278.93	20246.76	2.52	ppb
Antimony	121-1	988.14	1016.54	999.19	1001.29	1.43	ppb
Arsenic	75-2	1008.07	968.87	1004.27	993.74	2.18	ppb
Barium	135-1	4959.36	5133.83	4960.34	5017.84	2.00	ppb
Barium	137-1	4951.68	5100.73	4971.11	5007.84	1.62	ppb
Beryllium	9-1	1012.30	979.74	988.14	993.40	1.70	ppb
Bismuth	209-1				116		%
Bismuth	209-2				101		%
Boron	10-1	1008.22	981.61	1022.79	1004.21	2.08	ppb
Boron	11-1	996.52	999.27	1018.87	1004.89	1.21	ppb
Bromine	81-1						cps
Cadmium	111-1	1008.62	995.67	986.09	996.79	1.13	ppb
Cadmium	106-1	999.31	983.34	990.03	990.89	0.81	ppb
Cadmium	108-1	981.28	998.81	1000.72	993.60	1.08	ppb
Calcium	43-1	112248.83	112954.86	113829.39	113011.03	0.70	ppb
Calcium	44-1	106285.26	105940.98	106245.54	106157.26	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1026.96	973.12	986.86	995.65	2.81	ppb
Cobalt	59-2	1005.43	971.96	989.91	989.10	1.69	ppb
Copper	63-2	10181.09	9667.04	9838.89	9895.67	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	54856.77	52262.12	52954.33	53357.74	2.52	ppb
Iron	56-2	52285.39	48899.62	51762.90	50982.63	3.58	ppb
Iron	57-2	52797.21	51094.53	52141.32	52011.02	1.65	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:32:43	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5131.83	4920.18	4862.78	4971.60	2.85	ppb
Lead	207-1	5110.24	4792.32	4915.44	4939.34	3.25	ppb
Lead	208-1	5113.40	4849.45	4931.22	4964.69	2.72	ppb
Lithium	6-1				109		%
Magnesium	24-2	106017.02	100733.68	100922.84	102557.85	2.92	ppb
Manganese	55-2	10089.90	9741.18	9784.66	9871.91	1.92	ppb
Molybdenum	94-1	10898.23	11229.36	11044.12	11057.23	1.50	ppb
Molybdenum	95-1	11014.16	11158.94	10988.80	11053.97	0.83	ppb
Molybdenum	96-1	10922.88	11062.27	11223.89	11069.68	1.36	ppb
Molybdenum	97-1	11079.93	11256.41	11041.24	11125.86	1.03	ppb
Molybdenum	98-1	11106.75	11207.52	11020.28	11111.51	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1012.97	967.93	991.34	990.74	2.27	ppb
Phosphorus	31-2	20218.09	19014.18	19909.82	19714.03	3.17	ppb
Potassium	39-2	51435.34	48063.19	50501.39	49999.97	3.48	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	999.28	993.47	994.39	995.71	0.31	ppb
Selenium	77-2	1039.19	951.96	995.24	995.47	4.38	ppb
Selenium	78-2	1019.28	963.34	995.15	992.59	2.83	ppb
Silicon	28-1	962.25	959.13	1029.07	983.48	4.02	ppb
Silver	107-1	1003.75	991.20	975.64	990.20	1.42	ppb
Silver	109-1	985.68	1011.74	981.59	993.00	1.65	ppb
Sodium	23-2	104196.99	100983.66	103254.16	102811.61	1.61	ppb
Strontium	86-1	9975.75	10123.43	9898.83	9999.34	1.14	ppb
Strontium	88-1	10046.15	10044.44	9842.75	9977.78	1.17	ppb
Sulfur	34-1	19007.66	18531.24	17865.03	18467.97	3.11	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	1000.53	988.87	1016.55	1001.98	1.39	ppb
Thallium	205-1	992.99	996.86	982.11	990.65	0.77	ppb
Tin	118-1	1005.30	983.34	995.54	994.73	1.11	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:32:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11042.57	10806.15	11045.03	10964.58	1.25	ppb
Uranium	238-1	992.92	1028.78	981.62	1001.11	2.46	ppb
Vanadium	51-2	1023.08	955.38	1002.76	993.74	3.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	10110.25	9778.87	9804.91	9898.01	1.86	ppb
Zirconium	90-1	985.96	998.74	1005.31	996.67	0.99	ppb
Zirconium	91-1	998.71	1016.37	989.31	1001.46	1.37	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:54:01	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93547.08	105695.39	100433.90	99892.13	6.10	ppb
Antimony	121-1	0.52	0.55	0.59	0.55	6.73	ppb
Arsenic	75-2	0.26	0.27	0.22	0.25	9.94	ppb
Barium	135-1	1.40	1.33	1.07	1.27	13.56	ppb
Barium	137-1	1.40	1.30	1.29	1.33	4.54	ppb
Beryllium	9-1	0.05	0.03	0.05	0.04	27.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				93		%
Boron	10-1	19.07	16.75	18.49	18.10	6.66	ppb
Boron	11-1	18.82	17.16	18.23	18.07	4.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.28	-0.45	-0.28		ppb
Cadmium	106-1	-1.76	-4.33	-6.38	-4.16		ppb
Cadmium	108-1	0.50	0.34	0.34	0.39	23.91	ppb
Calcium	43-1	494831.85	483447.15	511519.82	496599.61	2.84	ppb
Calcium	44-1	488162.84	494920.60	511648.35	498243.93	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.49	1.75	1.63	1.63	8.00	ppb
Cobalt	59-2	1.22	1.47	1.26	1.31	10.25	ppb
Copper	63-2	1.75	1.93	1.79	1.82	5.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	236809.42	257958.11	252117.02	248961.52	4.39	ppb
Iron	56-2	237540.72	260536.66	250685.48	249587.62	4.62	ppb
Iron	57-2	235913.37	261386.97	250852.73	249384.35	5.13	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:54:01	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.14	2.15	2.06	2.12	2.28	ppb
Lead	207-1	2.09	2.17	2.04	2.10	3.12	ppb
Lead	208-1	2.03	2.05	2.06	2.05	0.86	ppb
Lithium	6-1				107		%
Magnesium	24-2	470302.05	528157.60	498622.37	499027.34	5.80	ppb
Manganese	55-2	4.97	5.26	5.22	5.15	3.02	ppb
Molybdenum	94-1	1.97	1.89	2.12	1.99	5.88	ppb
Molybdenum	95-1	1.08	1.27	1.27	1.21	9.13	ppb
Molybdenum	96-1	3.36	3.31	3.40	3.36	1.27	ppb
Molybdenum	97-1	1.43	1.40	1.40	1.41	1.12	ppb
Molybdenum	98-1	1.13	1.13	1.23	1.16	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.36	1.29	1.32	2.79	ppb
Phosphorus	31-2	30.22	15.29	14.68	20.07	43.88	ppb
Potassium	39-2	235041.09	262725.47	251658.39	249808.32	5.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	82-1	0.78	0.51	-0.51	0.26	261.88	ppb
Selenium	77-2	0.66	-1.44	0.74	-0.01		ppb
Selenium	78-2	0.00	0.11	1.36	0.49	155.37	ppb
Silicon	28-1	48.68	68.58	79.86	65.71	24.03	ppb
Silver	107-1	0.14	0.13	0.12	0.13	7.99	ppb
Silver	109-1	0.14	0.15	0.12	0.14	11.57	ppb
Sodium	23-2	477112.19	518315.01	501880.34	499102.52	4.16	ppb
Strontium	86-1	5.67	5.20	5.87	5.58	6.12	ppb
Strontium	88-1	6.01	5.64	5.78	5.81	3.20	ppb
Sulfur	34-1	-1978.96	-2230.40	-2012.60	-2073.99		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.01	0.03	69.66	ppb
Thallium	205-1	0.03	0.06	0.04	0.04	39.95	ppb
Tin	118-1	0.24	0.34	0.24	0.27	21.25	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:54:01	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.60	0.91	1.13	0.88	30.46	ppb
Uranium	238-1	0.05	0.05	0.07	0.06	18.84	ppb
Vanadium	51-2	0.20	0.18	0.16	0.18	11.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	12.29	13.25	12.50	12.68	3.98	ppb
Zirconium	90-1	0.44	0.41	0.42	0.43	3.70	ppb
Zirconium	91-1	0.36	0.41	0.37	0.38	6.52	ppb

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : ICV082 Instrumnet Name : P8
 Client Sample ID : ICV082 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:09:44 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.00	522.15	521.93	518.03	1.34	ppb
Antimony	121-1	197.13	196.28	196.93	196.78	0.23	ppb
Arsenic	75-2	194.45	206.06	201.53	200.68	2.92	ppb
Barium	135-1	97.25	99.65	102.19	99.70	2.48	ppb
Barium	137-1	100.66	99.06	103.46	101.06	2.21	ppb
Beryllium	9-1	99.84	100.14	103.99	101.32	2.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	194.04	220.84	227.83	214.24	8.32	ppb
Boron	11-1	190.90	212.55	230.17	211.21	9.31	ppb
Bromine	81-1						cps
Cadmium	111-1	104.81	102.90	103.97	103.89	0.92	ppb
Cadmium	106-1	127.07	131.38	124.06	127.50	2.89	ppb
Cadmium	108-1	115.16	119.99	115.35	116.84	2.34	ppb
Calcium	43-1	2095.56	2168.88	2316.32	2193.59	5.13	ppb
Calcium	44-1	2063.01	2139.62	2247.49	2150.04	4.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.78	98.53	101.44	99.25	1.95	ppb
Cobalt	59-2	98.82	100.20	102.20	100.41	1.69	ppb
Copper	63-2	104.79	105.49	106.90	105.73	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	2099.24	2135.75	2144.37	2126.45	1.13	ppb
Iron	56-2	2054.32	2084.50	2102.63	2080.48	1.17	ppb
Iron	57-2	2021.51	2017.12	2032.38	2023.67	0.39	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICV082	Instrumnet Name :	P8
Client Sample ID :	ICV082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:09:44	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	197.48	195.69	200.42	197.86	1.21	ppb
Lead	207-1	189.37	190.38	195.27	191.67	1.65	ppb
Lead	208-1	192.96	192.92	199.33	195.07	1.89	ppb
Lithium	6-1				107		%
Magnesium	24-2	1163.57	1211.03	1230.33	1201.64	2.86	ppb
Manganese	55-2	103.19	104.09	106.23	104.50	1.50	ppb
Molybdenum	94-1	1273.66	1323.87	1391.50	1329.68	4.45	ppb
Molybdenum	95-1	1071.64	1141.11	1146.22	1119.66	3.72	ppb
Molybdenum	96-1	1104.73	1165.31	1201.48	1157.17	4.22	ppb
Molybdenum	97-1	1115.61	1138.16	1175.79	1143.19	2.66	ppb
Molybdenum	98-1	1108.96	1157.69	1150.39	1139.02	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.00	109.40	110.43	108.94	1.61	ppb
Phosphorus	31-2	-28.55	29.01	-21.71	-7.08		ppb
Potassium	39-2	2023.45	2017.79	2084.18	2041.81	1.80	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	191.33	202.41	204.04	199.26	3.47	ppb
Selenium	77-2	210.96	221.93	219.11	217.33	2.62	ppb
Selenium	78-2	195.75	213.46	223.33	210.85	6.63	ppb
Silicon	28-1	168.89	186.31	209.52	188.24	10.83	ppb
Silver	107-1	49.29	50.19	51.86	50.45	2.58	ppb
Silver	109-1	49.44	49.68	50.69	49.94	1.32	ppb
Sodium	23-2	2076.37	2101.98	2140.88	2106.41	1.54	ppb
Strontium	86-1	216.02	230.05	231.97	226.02	3.85	ppb
Strontium	88-1	219.95	228.74	227.75	225.48	2.14	ppb
Sulfur	34-1	-1985.70	-1375.34	-920.30	-1427.11		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	192.45	194.66	203.23	196.78	2.90	ppb
Thallium	205-1	199.32	193.58	203.63	198.84	2.54	ppb
Tin	118-1	234.78	240.75	240.78	238.77	1.45	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICV082	Instrumnet Name :	P8
Client Sample ID :	ICV082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:09:44	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1168.47	1221.43	1262.77	1217.56	3.88	ppb
Uranium	238-1	233.72	228.39	234.07	232.06	1.37	ppb
Vanadium	51-2	95.05	98.75	99.41	97.74	2.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	205.16	202.30	209.21	205.56	1.69	ppb
Zirconium	90-1	218.57	226.29	227.89	224.25	2.22	ppb
Zirconium	91-1	203.31	219.48	216.91	213.23	4.08	ppb

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : ICB082 Instrumnet Name : P8
 Client Sample ID : ICB082 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:16:05 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.40	-0.13	-0.26		ppb
Antimony	121-1	0.06	0.08	0.05	0.06	18.96	ppb
Arsenic	75-2	0.01	0.01	0.03	0.01	67.50	ppb
Barium	135-1	0.03	0.03	0.02	0.03	16.54	ppb
Barium	137-1	0.02	0.00	0.01	0.01	144.87	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	10.53	9.84	8.66	9.67	9.78	ppb
Boron	11-1	10.01	9.09	8.27	9.13	9.54	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.36	-0.05	-0.11	-0.17		ppb
Cadmium	106-1	-4.77	-0.65	-1.47	-2.29		ppb
Cadmium	108-1	0.18	-0.11	-0.20	-0.04		ppb
Calcium	43-1	-1.47	-4.02	-2.43	-2.64		ppb
Calcium	44-1	0.61	-3.45	-3.76	-2.20		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.01	0.06	0.00	1339.51	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	30.65	ppb
Copper	63-2	0.03	0.00	-0.01	0.01	272.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	-0.99	-0.24	-0.76	-0.66		ppb
Iron	56-2	0.28	0.14	0.12	0.18	48.88	ppb
Iron	57-2	1.44	-1.23	0.12	0.11	1196.07	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICB082	Instrumnet Name :	P8
Client Sample ID :	ICB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:16:05	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.09	0.07	33.24	ppb
Lead	207-1	0.04	-0.02	0.01	0.01	314.12	ppb
Lead	208-1	0.04	0.03	0.03	0.04	2.57	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.02	1.04	0.12	0.72	72.46	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.08	0.04	0.13	0.08	50.53	ppb
Molybdenum	95-1	0.09	0.13	0.06	0.09	40.19	ppb
Molybdenum	96-1	0.07	0.08	0.09	0.08	14.23	ppb
Molybdenum	97-1	0.07	0.10	0.05	0.08	33.73	ppb
Molybdenum	98-1	0.10	0.07	0.07	0.08	23.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	0.00	0.00	2515.67	ppb
Phosphorus	31-2	-9.75	-12.71	-14.85	-12.44		ppb
Potassium	39-2	4.03	3.99	3.73	3.92	4.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	0.52	-1.88	-1.34	-0.90		ppb
Selenium	77-2	-1.44	-1.44	-1.44	-1.44		ppb
Selenium	78-2	-0.99	1.18	1.23	0.47	268.06	ppb
Silicon	28-1	-8.55	-15.08	-16.12	-13.25		ppb
Silver	107-1	0.04	0.04	0.06	0.04	23.65	ppb
Silver	109-1	0.03	0.01	0.02	0.02	39.06	ppb
Sodium	23-2	13.08	9.00	8.98	10.35	22.76	ppb
Strontium	86-1	-0.12	-0.18	-0.03	-0.11		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	47.64	ppb
Sulfur	34-1	-725.48	-1853.81	-1824.99	-1468.10		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	-0.03	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	0.00	-0.02	-0.01		ppb
Tin	118-1	0.02	-0.01	0.00	0.00	376.65	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICB082	Instrumnet Name :	P8
Client Sample ID :	ICB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:16:05	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.14	-0.10	-0.11	-0.12		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	24.36	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	140.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	-0.15	-0.14	0.08	-0.07		ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	81.82	ppb
Zirconium	91-1	0.03	0.00	-0.03	0.00	11424.47	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSA082	Instrumnet Name :	P8
Client Sample ID :	ICSA082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:19:11	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101760.57	100050.84	99371.02	100394.14	1.23	ppb
Antimony	121-1	1.20	1.25	1.15	1.20	3.93	ppb
Arsenic	75-2	0.36	0.40	0.26	0.34	20.71	ppb
Barium	135-1	1.20	1.30	1.33	1.28	5.13	ppb
Barium	137-1	1.26	1.36	1.51	1.38	9.29	ppb
Beryllium	9-1	0.28	0.27	0.36	0.30	16.74	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	8.12	7.78	8.15	8.02	2.53	ppb
Boron	11-1	8.00	7.56	8.04	7.86	3.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.17	0.27	0.24	23.80	ppb
Cadmium	106-1	-1.33	-1.58	-2.54	-1.82		ppb
Cadmium	108-1	12.05	11.29	9.79	11.04	10.41	ppb
Calcium	43-1	110680.49	109310.41	104595.30	108195.40	2.95	ppb
Calcium	44-1	106317.59	105492.34	100192.26	104000.73	3.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.30	20.41	19.64	20.11	2.07	ppb
Cobalt	59-2	1.21	1.20	1.21	1.21	0.75	ppb
Copper	63-2	7.53	7.85	7.44	7.61	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	54-2	108546.81	108675.66	106509.09	107910.52	1.13	ppb
Iron	56-2	107501.43	106166.83	104714.90	106127.72	1.31	ppb
Iron	57-2	106221.19	106839.36	107331.70	106797.41	0.52	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSA082	Instrumnet Name :	P8
Client Sample ID :	ICSA082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:19:11	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.53	4.30	4.62	4.48	3.62	ppb
Lead	207-1	4.06	4.17	4.21	4.15	1.97	ppb
Lead	208-1	4.25	4.20	4.28	4.24	1.04	ppb
Lithium	6-1				110		%
Magnesium	24-2	102027.13	102920.11	100375.94	101774.39	1.27	ppb
Manganese	55-2	8.04	7.51	7.83	7.80	3.42	ppb
Molybdenum	94-1	1582.73	1666.12	1690.97	1646.61	3.44	ppb
Molybdenum	95-1	1870.13	1972.40	1995.60	1946.04	3.43	ppb
Molybdenum	96-1	1856.60	1979.90	1936.22	1924.24	3.25	ppb
Molybdenum	97-1	1914.69	1996.80	1967.08	1959.52	2.12	ppb
Molybdenum	98-1	1853.43	1946.07	1987.19	1928.90	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.78	5.69	5.46	5.64	2.97	ppb
Phosphorus	31-2	105847.05	102149.24	103214.19	103736.82	1.83	ppb
Potassium	39-2	104276.94	103076.61	102007.62	103120.39	1.10	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	82-1	-1.64	-0.53	-1.35	-1.17		ppb
Selenium	77-2	-1.44	-1.44	-1.44	-1.44		ppb
Selenium	78-2	1.42	0.58	-0.64	0.45	228.46	ppb
Silicon	28-1	-1.43	-2.68	-16.35	-6.82		ppb
Silver	107-1	0.09	0.09	0.06	0.08	21.63	ppb
Silver	109-1	0.08	0.07	0.08	0.08	7.39	ppb
Sodium	23-2	105678.01	106777.77	105467.99	105974.59	0.66	ppb
Strontium	86-1	33.31	34.98	36.70	35.00	4.85	ppb
Strontium	88-1	35.19	34.38	35.45	35.01	1.61	ppb
Sulfur	34-1	100006.05	101835.94	94714.80	98852.26	3.74	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.03	0.01	95.41	ppb
Thallium	205-1	0.01	0.04	0.04	0.03	53.65	ppb
Tin	118-1	0.07	0.15	0.13	0.12	35.65	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSA082	Instrumnet Name :	P8
Client Sample ID :	ICSA082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:19:11	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2056.48	2009.45	1952.07	2006.00	2.61	ppb
Uranium	238-1	0.03	0.01	0.04	0.02	58.11	ppb
Vanadium	51-2	0.15	0.16	0.18	0.16	8.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	10.96	11.00	11.52	11.16	2.79	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	9.85	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	7.20	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSAB082	Instrumnet Name :	P8
Client Sample ID :	ICSAB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:28:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99749.18	99165.52	102405.13	100439.94	1.72	ppb
Antimony	121-1	21.21	19.90	21.16	20.75	3.58	ppb
Arsenic	75-2	20.68	21.01	20.86	20.85	0.78	ppb
Barium	135-1	20.83	20.73	21.56	21.04	2.15	ppb
Barium	137-1	22.04	21.19	21.84	21.69	2.04	ppb
Beryllium	9-1	20.81	20.58	20.31	20.57	1.22	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	62.48	60.07	62.03	61.53	2.08	ppb
Boron	11-1	59.41	59.35	60.45	59.74	1.04	ppb
Bromine	81-1						cps
Cadmium	111-1	20.04	19.26	20.36	19.89	2.84	ppb
Cadmium	106-1	21.60	22.73	22.98	22.43	3.26	ppb
Cadmium	108-1	33.21	29.75	31.56	31.51	5.48	ppb
Calcium	43-1	108526.82	102432.28	103828.74	104929.28	3.04	ppb
Calcium	44-1	105382.03	100368.60	100348.85	102033.16	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.65	39.34	41.35	40.45	2.52	ppb
Cobalt	59-2	21.40	21.11	22.20	21.57	2.61	ppb
Copper	63-2	28.06	27.21	28.52	27.93	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	107082.84	105935.79	110478.98	107832.54	2.19	ppb
Iron	56-2	107858.85	105232.82	108370.36	107154.01	1.57	ppb
Iron	57-2	108326.48	105738.98	108379.93	107481.80	1.40	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSAB082	Instrumnet Name :	P8
Client Sample ID :	ICSAB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:28:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.93	22.94	23.36	23.75	4.42	ppb
Lead	207-1	24.12	22.48	22.56	23.05	4.02	ppb
Lead	208-1	23.62	22.59	22.68	22.97	2.48	ppb
Lithium	6-1				112		%
Magnesium	24-2	102922.63	100298.73	102307.51	101842.96	1.35	ppb
Manganese	55-2	28.67	27.65	29.11	28.48	2.64	ppb
Molybdenum	94-1	1714.75	1699.05	1765.49	1726.43	2.01	ppb
Molybdenum	95-1	1953.62	1934.41	1950.25	1946.09	0.53	ppb
Molybdenum	96-1	1988.27	1950.71	1973.00	1970.66	0.96	ppb
Molybdenum	97-1	2004.73	1986.19	2040.20	2010.37	1.37	ppb
Molybdenum	98-1	2019.83	1964.27	1997.87	1993.99	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.69	25.44	25.78	25.63	0.69	ppb
Phosphorus	31-2	102699.26	100002.15	106779.58	103160.33	3.31	ppb
Potassium	39-2	104286.34	100510.47	103361.05	102719.28	1.92	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	82-1	19.24	19.10	18.27	18.87	2.78	ppb
Selenium	77-2	16.47	15.49	16.69	16.21	3.93	ppb
Selenium	78-2	19.88	21.89	19.25	20.34	6.77	ppb
Silicon	28-1	39.39	31.74	31.90	34.34	12.72	ppb
Silver	107-1	19.10	17.97	19.69	18.92	4.63	ppb
Silver	109-1	19.94	18.61	18.86	19.13	3.68	ppb
Sodium	23-2	105805.15	106603.55	107819.22	106742.64	0.95	ppb
Strontium	86-1	84.28	86.38	88.32	86.33	2.34	ppb
Strontium	88-1	87.24	84.88	88.26	86.79	2.00	ppb
Sulfur	34-1	99758.90	94430.01	95179.49	96456.13	2.99	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	19.54	18.47	18.72	18.91	2.96	ppb
Thallium	205-1	20.35	19.40	18.90	19.55	3.77	ppb
Tin	118-1	54.89	52.68	53.99	53.85	2.06	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSAB082	Instrumnet Name :	P8
Client Sample ID :	ICSAB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:28:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2119.91	1996.97	2042.29	2053.06	3.03	ppb
Uranium	238-1	50.90	46.62	48.09	48.54	4.48	ppb
Vanadium	51-2	20.10	20.00	20.74	20.28	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	30.68	30.74	30.85	30.76	0.29	ppb
Zirconium	90-1	50.68	50.06	50.67	50.47	0.71	ppb
Zirconium	91-1	49.18	48.16	49.92	49.09	1.80	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P8
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:35:23	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51552.04	51425.43	49659.04	50878.83	2.08	ppb
Antimony	121-1	470.71	478.77	486.36	478.61	1.64	ppb
Arsenic	75-2	517.67	496.76	493.88	502.77	2.58	ppb
Barium	135-1	2385.26	2436.79	2445.36	2422.47	1.34	ppb
Barium	137-1	2373.47	2438.14	2404.03	2405.21	1.35	ppb
Beryllium	9-1	483.41	487.60	485.64	485.55	0.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	495.84	518.29	525.11	513.08	2.98	ppb
Boron	11-1	478.03	508.64	518.18	501.62	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	489.96	505.59	499.95	498.50	1.59	ppb
Cadmium	106-1	489.75	514.38	497.83	500.65	2.51	ppb
Cadmium	108-1	500.56	509.83	517.70	509.36	1.68	ppb
Calcium	43-1	265675.79	260532.14	257546.68	261251.54	1.57	ppb
Calcium	44-1	255343.93	251488.34	249563.33	252131.86	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.06	485.50	493.89	495.48	2.19	ppb
Cobalt	59-2	549.00	516.69	523.09	529.59	3.23	ppb
Copper	63-2	5232.24	5023.68	5068.83	5108.25	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	131543.23	127336.38	128985.85	129288.49	1.64	ppb
Iron	56-2	129460.87	125150.14	123292.84	125967.95	2.51	ppb
Iron	57-2	131068.78	124299.16	126615.13	127327.69	2.70	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P8
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:35:23	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2495.88	2482.84	2509.04	2495.92	0.52	ppb
Lead	207-1	2521.82	2544.41	2571.61	2545.95	0.98	ppb
Lead	208-1	2487.40	2491.63	2504.01	2494.35	0.35	ppb
Lithium	6-1				113		%
Magnesium	24-2	251625.57	251343.66	245392.73	249453.99	1.41	ppb
Manganese	55-2	5396.92	5216.70	5228.74	5280.79	1.91	ppb
Molybdenum	94-1	5177.98	5426.33	5316.81	5307.04	2.35	ppb
Molybdenum	95-1	5122.59	5363.94	5169.52	5218.68	2.45	ppb
Molybdenum	96-1	5227.37	5398.55	5207.62	5277.85	1.99	ppb
Molybdenum	97-1	5148.22	5337.75	5203.18	5229.72	1.86	ppb
Molybdenum	98-1	5303.77	5402.30	5223.61	5309.89	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.01	500.84	500.27	506.37	1.99	ppb
Phosphorus	31-2	10758.67	10221.97	10003.97	10328.20	3.76	ppb
Potassium	39-2	128561.35	127129.83	124216.21	126635.79	1.75	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	512.29	530.79	515.83	519.64	1.89	ppb
Selenium	77-2	524.75	520.74	589.73	545.08	7.10	ppb
Selenium	78-2	544.49	519.08	531.24	531.61	2.39	ppb
Silicon	28-1	547.87	594.71	632.30	591.63	7.15	ppb
Silver	107-1	457.83	481.12	466.67	468.54	2.51	ppb
Silver	109-1	470.64	480.47	472.62	474.58	1.10	ppb
Sodium	23-2	255083.67	254150.97	249733.68	252989.44	1.13	ppb
Strontium	86-1	4779.36	4947.41	4676.05	4800.94	2.85	ppb
Strontium	88-1	4854.18	5005.68	4781.45	4880.44	2.34	ppb
Sulfur	34-1	10991.38	11084.29	11529.06	11201.58	2.57	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	484.87	482.97	501.89	489.91	2.13	ppb
Thallium	205-1	519.48	497.52	518.06	511.68	2.40	ppb
Tin	118-1	466.85	488.56	484.09	479.83	2.39	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P8
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:35:23	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5187.64	5379.41	5370.48	5312.51	2.04	ppb
Uranium	238-1	505.79	510.78	521.74	512.77	1.59	ppb
Vanadium	51-2	507.33	499.91	496.32	501.19	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	5072.45	4892.40	4942.34	4969.06	1.87	ppb
Zirconium	90-1	486.08	508.80	482.63	492.50	2.89	ppb
Zirconium	91-1	480.81	496.20	485.84	487.62	1.61	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P8
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:45:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.13	3.39	3.64	3.38	7.62	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	7.18	ppb
Arsenic	75-2	-0.02	0.01	0.02	0.00	552.19	ppb
Barium	135-1	0.02	0.05	0.02	0.03	55.33	ppb
Barium	137-1	0.08	0.02	0.02	0.04	100.08	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	2.66	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	12.95	13.47	13.06	13.16	2.09	ppb
Boron	11-1	13.00	12.83	12.40	12.74	2.44	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.30	-0.19	-0.22		ppb
Cadmium	106-1	-2.43	-4.34	-2.48	-3.08		ppb
Cadmium	108-1	-0.04	-0.11	-0.05	-0.07		ppb
Calcium	43-1	21.25	14.86	20.25	18.79	18.31	ppb
Calcium	44-1	24.33	17.81	23.35	21.83	16.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.00	-0.03	0.00	1000.31	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.11	0.08	0.07	0.09	26.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	9.51	8.25	8.17	8.65	8.69	ppb
Iron	56-2	8.92	8.35	7.96	8.41	5.76	ppb
Iron	57-2	10.37	8.08	10.18	9.54	13.29	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P8
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:45:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.04	0.06	32.64	ppb
Lead	207-1	0.07	0.05	0.12	0.08	45.92	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.69	ppb
Lithium	6-1				110		%
Magnesium	24-2	20.77	15.42	16.79	17.66	15.75	ppb
Manganese	55-2	0.03	0.04	0.03	0.03	28.98	ppb
Molybdenum	94-1	0.28	0.08	0.11	0.15	71.69	ppb
Molybdenum	95-1	0.22	0.12	0.14	0.16	32.17	ppb
Molybdenum	96-1	0.21	0.11	0.12	0.14	37.95	ppb
Molybdenum	97-1	0.28	0.15	0.09	0.17	53.98	ppb
Molybdenum	98-1	0.21	0.12	0.09	0.14	43.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	0.02	-0.01		ppb
Phosphorus	31-2	18.02	-3.81	-20.70	-2.16		ppb
Potassium	39-2	18.52	17.30	11.56	15.79	23.54	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	-0.73	-2.18	-1.94	-1.61		ppb
Selenium	77-2	1.72	-1.44	-0.37	-0.03		ppb
Selenium	78-2	-0.10	-0.36	0.79	0.11	542.35	ppb
Silicon	28-1	-12.43	-18.35	-8.27	-13.02		ppb
Silver	107-1	0.03	0.00	0.03	0.02	68.97	ppb
Silver	109-1	0.04	0.02	0.02	0.03	36.83	ppb
Sodium	23-2	41.12	36.81	40.53	39.49	5.92	ppb
Strontium	86-1	-0.13	-0.22	-0.11	-0.15		ppb
Strontium	88-1	0.11	0.04	0.05	0.07	58.46	ppb
Sulfur	34-1	-1148.76	-1955.14	-886.29	-1330.06		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.02	0.03	12.84	ppb
Thallium	205-1	0.07	0.03	0.04	0.04	44.05	ppb
Tin	118-1	0.01	0.01	0.01	0.01	20.41	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P8
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:45:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.11	-0.10	-0.07		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	63.59	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	0.10	0.19	0.08	0.12	46.12	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	29.22	ppb
Zirconium	91-1	-0.01	-0.02	0.03	0.00		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:49:00	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.36	0.82	0.48	60.16	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	45.04	ppb
Arsenic	75-2	0.02	-0.02	-0.01	0.00		ppb
Barium	135-1	0.06	0.02	0.00	0.03	132.89	ppb
Barium	137-1	0.02	0.03	0.00	0.01	86.91	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.13	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	16.01	14.80	15.19	15.34	4.02	ppb
Boron	11-1	14.98	15.19	14.20	14.79	3.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.13	0.08	0.16	61.81	ppb
Cadmium	106-1	3.46	1.63	0.43	1.84	82.87	ppb
Cadmium	108-1	-0.31	-0.26	-0.21	-0.26		ppb
Calcium	43-1	2.75	0.65	-2.29	0.37	682.96	ppb
Calcium	44-1	2.32	-0.02	2.45	1.58	88.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.05	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	88.38	ppb
Copper	63-2	0.05	0.08	0.06	0.06	27.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	0.45	0.27	2.17	0.96	108.84	ppb
Iron	56-2	0.71	0.90	1.46	1.02	37.96	ppb
Iron	57-2	-0.03	1.00	-1.82	-0.28		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:49:00	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.06	0.07	22.81	ppb
Lead	207-1	0.02	0.07	0.06	0.05	49.12	ppb
Lead	208-1	0.04	0.08	0.06	0.06	31.40	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.53	1.57	3.32	2.47	35.52	ppb
Manganese	55-2	0.02	-0.01	0.03	0.01	123.21	ppb
Molybdenum	94-1	0.09	-0.02	0.06	0.04	144.52	ppb
Molybdenum	95-1	0.05	0.05	0.07	0.06	22.94	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.06	13.22	ppb
Molybdenum	97-1	0.09	0.06	0.07	0.07	22.98	ppb
Molybdenum	98-1	0.06	0.05	0.03	0.05	36.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.00	0.01	265.70	ppb
Phosphorus	31-2	-15.78	-25.48	-25.57	-22.28		ppb
Potassium	39-2	5.41	5.69	14.13	8.41	58.89	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	-0.11	-1.06	-0.98	-0.72		ppb
Selenium	77-2	-1.44	-0.38	-1.44	-1.09		ppb
Selenium	78-2	-0.40	0.14	0.57	0.10	473.14	ppb
Silicon	28-1	-17.24	-22.23	-19.83	-19.76		ppb
Silver	107-1	0.02	0.03	0.03	0.02	23.68	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.92	ppb
Sodium	23-2	17.95	19.42	19.74	19.04	5.00	ppb
Strontium	86-1	-0.14	-0.07	-0.26	-0.16		ppb
Strontium	88-1	0.02	0.04	0.03	0.03	38.48	ppb
Sulfur	34-1	-1503.44	-2106.25	-1839.03	-1816.24		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.04	0.02	69.82	ppb
Thallium	205-1	0.00	0.02	0.02	0.01	96.01	ppb
Tin	118-1	0.01	0.02	0.04	0.02	68.31	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:49:00	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.16	-0.07	-0.09	-0.11		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	65.26	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	302.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	-0.07	0.00	0.01	-0.02		ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	62.04	ppb
Zirconium	91-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BL	Instrumnet Name :	P8
Client Sample ID :	PBS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:55:07	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	2.23	1.23	1.92	31.19	ppb
Antimony	121-1	0.03	0.03	0.06	0.04	41.02	ppb
Arsenic	75-2	0.00	0.01	0.03	0.01	126.29	ppb
Barium	135-1	0.11	0.10	0.13	0.11	17.63	ppb
Barium	137-1	0.15	0.14	0.16	0.15	6.45	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	15.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	12.72	10.98	16.30	13.33	20.32	ppb
Boron	11-1	12.44	11.24	16.74	13.47	21.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.17	0.19	0.16	21.10	ppb
Cadmium	106-1	1.26	2.25	1.92	1.81	27.90	ppb
Cadmium	108-1	-0.06	0.26	-0.07	0.04	414.93	ppb
Calcium	43-1	11.61	8.19	14.86	11.55	28.87	ppb
Calcium	44-1	10.83	10.16	46.30	22.43	92.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	54.93	ppb
Copper	63-2	0.15	0.11	0.07	0.11	35.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	6.14	4.99	2.71	4.61	37.87	ppb
Iron	56-2	5.53	3.84	3.16	4.18	29.25	ppb
Iron	57-2	5.29	5.06	3.58	4.64	20.01	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BL	Instrumnet Name :	P8
Client Sample ID :	PBS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:55:07	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.16	0.14	8.95	ppb
Lead	207-1	0.08	0.11	0.18	0.13	41.97	ppb
Lead	208-1	0.11	0.12	0.16	0.13	20.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	10.15	6.87	5.95	7.66	28.81	ppb
Manganese	55-2	0.12	0.12	0.06	0.10	34.61	ppb
Molybdenum	94-1	0.25	0.19	0.37	0.27	33.22	ppb
Molybdenum	95-1	0.27	0.27	0.29	0.28	3.19	ppb
Molybdenum	96-1	0.22	0.17	0.28	0.22	23.32	ppb
Molybdenum	97-1	0.23	0.19	0.24	0.22	12.03	ppb
Molybdenum	98-1	0.21	0.20	0.24	0.22	10.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	0.01	0.00		ppb
Phosphorus	31-2	31.59	-10.44	-40.85	-6.57		ppb
Potassium	39-2	17.50	2.13	16.47	12.03	71.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	-0.59	-0.95	-0.91	-0.81		ppb
Selenium	77-2	-0.36	-0.38	-1.44	-0.73		ppb
Selenium	78-2	0.26	-0.14	-1.25	-0.38		ppb
Silicon	28-1	-16.55	-17.72	44.97	3.57	1005.55	ppb
Silver	107-1	0.04	0.02	0.03	0.03	46.33	ppb
Silver	109-1	0.01	0.02	0.05	0.02	84.36	ppb
Sodium	23-2	23.50	21.89	18.34	21.25	12.44	ppb
Strontium	86-1	0.00	-0.03	0.61	0.19	188.80	ppb
Strontium	88-1	0.18	0.16	0.22	0.19	14.26	ppb
Sulfur	34-1	-1285.79	-1125.51	4441.03	676.58	482.00	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.04	-0.01	0.08	0.04	110.24	ppb
Thallium	205-1	0.02	0.01	0.04	0.02	63.85	ppb
Tin	118-1	0.04	0.04	0.09	0.06	57.57	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BL	Instrumnet Name :	P8
Client Sample ID :	PBS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:55:07	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.08	0.35	0.22	61.89	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	19.47	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	43.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	0.19	0.32	0.26	0.26	25.99	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.00	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:58:12	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.67	36.15	36.48	35.77	2.70	ppb
Antimony	121-1	3.22	3.47	3.31	3.34	3.75	ppb
Arsenic	75-2	1.73	1.56	1.75	1.68	6.35	ppb
Barium	135-1	16.24	16.78	16.54	16.52	1.64	ppb
Barium	137-1	16.59	16.85	17.35	16.93	2.27	ppb
Beryllium	9-1	1.80	1.73	1.88	1.80	4.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	42.36	47.01	48.20	45.86	6.73	ppb
Boron	11-1	41.82	45.32	47.69	44.94	6.57	ppb
Bromine	81-1						cps
Cadmium	111-1	1.38	1.82	2.01	1.74	18.58	ppb
Cadmium	106-1	-2.02	3.30	5.88	2.39	168.92	ppb
Cadmium	108-1	2.16	2.09	1.54	1.93	17.59	ppb
Calcium	43-1	883.53	867.34	868.14	873.00	1.04	ppb
Calcium	44-1	875.80	875.33	875.36	875.50	0.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.24	3.36	3.43	3.34	2.81	ppb
Cobalt	59-2	1.74	1.83	1.78	1.79	2.36	ppb
Copper	63-2	3.56	3.61	3.80	3.66	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	434.77	443.77	449.09	442.54	1.64	ppb
Iron	56-2	421.64	426.11	428.51	425.42	0.82	ppb
Iron	57-2	421.43	421.22	440.10	427.59	2.54	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:58:12	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.62	1.82	1.67	1.70	6.08	ppb
Lead	207-1	1.49	1.77	1.71	1.66	8.77	ppb
Lead	208-1	1.55	1.76	1.68	1.67	6.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	897.41	915.31	926.78	913.17	1.62	ppb
Manganese	55-2	1.72	1.92	2.02	1.89	8.19	ppb
Molybdenum	94-1	10.61	10.77	10.53	10.64	1.18	ppb
Molybdenum	95-1	8.40	8.83	8.60	8.61	2.50	ppb
Molybdenum	96-1	8.80	8.93	8.99	8.91	1.06	ppb
Molybdenum	97-1	8.65	8.85	8.98	8.83	1.88	ppb
Molybdenum	98-1	8.71	8.92	8.48	8.70	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.75	1.92	1.82	5.00	ppb
Phosphorus	31-2	47.80	72.49	56.92	59.07	21.13	ppb
Potassium	39-2	864.33	883.55	890.72	879.53	1.55	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	8.32	7.82	6.36	7.50	13.63	ppb
Selenium	77-2	7.76	15.26	11.58	11.53	32.52	ppb
Selenium	78-2	10.12	8.68	7.61	8.80	14.27	ppb
Silicon	28-1	-8.92	-10.78	-0.90	-6.86		ppb
Silver	107-1	1.62	1.71	1.64	1.65	2.90	ppb
Silver	109-1	1.59	1.53	1.60	1.57	2.19	ppb
Sodium	23-2	910.86	920.72	926.85	919.48	0.88	ppb
Strontium	86-1	1.49	1.93	1.84	1.75	13.28	ppb
Strontium	88-1	1.90	1.88	1.90	1.89	0.70	ppb
Sulfur	34-1	-1220.80	-1213.99	-1112.36	-1182.39		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	1.53	1.59	1.63	1.58	2.93	ppb
Thallium	205-1	1.66	1.72	1.63	1.67	2.67	ppb
Tin	118-1	8.42	8.63	8.49	8.51	1.28	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:58:12	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.58	9.11	9.07	8.92	3.33	ppb
Uranium	238-1	1.58	1.62	1.58	1.59	1.37	ppb
Vanadium	51-2	8.45	8.43	8.80	8.56	2.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	10.00	10.95	10.02	10.32	5.27	ppb
Zirconium	90-1	1.76	1.72	1.71	1.73	1.53	ppb
Zirconium	91-1	1.52	1.65	1.69	1.62	5.69	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:01:14	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.68	1.99	2.23	1.96	14.01	ppb
Antimony	121-1	0.01	0.01	0.05	0.02	76.22	ppb
Arsenic	75-2	0.01	0.02	-0.01	0.01	139.18	ppb
Barium	135-1	0.05	0.07	0.05	0.06	22.95	ppb
Barium	137-1	0.07	0.05	0.06	0.06	13.46	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	82.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	10.53	9.54	8.64	9.57	9.92	ppb
Boron	11-1	10.15	9.19	9.40	9.58	5.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.17	-0.02	0.10	100.74	ppb
Cadmium	106-1	2.01	2.12	0.04	1.39	84.23	ppb
Cadmium	108-1	-0.09	-0.21	0.39	0.03	1081.22	ppb
Calcium	43-1	7.99	3.71	8.12	6.61	37.95	ppb
Calcium	44-1	2.88	7.23	3.94	4.68	48.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	21.22	ppb
Copper	63-2	0.09	0.16	0.12	0.12	26.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	2.89	5.11	5.15	4.38	29.58	ppb
Iron	56-2	3.79	4.15	4.74	4.23	11.30	ppb
Iron	57-2	3.51	7.38	6.22	5.70	34.80	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:01:14	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.06	0.12	0.10	34.08	ppb
Lead	207-1	0.06	0.06	0.01	0.04	69.58	ppb
Lead	208-1	0.09	0.07	0.08	0.08	15.95	ppb
Lithium	6-1				109		%
Magnesium	24-2	5.65	7.49	10.95	8.03	33.56	ppb
Manganese	55-2	0.05	0.11	0.16	0.11	50.06	ppb
Molybdenum	94-1	0.06	0.13	0.20	0.13	54.77	ppb
Molybdenum	95-1	0.10	0.16	0.10	0.12	27.27	ppb
Molybdenum	96-1	0.11	0.11	0.12	0.12	3.84	ppb
Molybdenum	97-1	0.13	0.13	0.09	0.12	18.24	ppb
Molybdenum	98-1	0.08	0.12	0.15	0.12	30.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.06	0.02	215.77	ppb
Phosphorus	31-2	41.49	-11.98	8.24	12.58	214.62	ppb
Potassium	39-2	15.97	20.74	6.68	14.46	49.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	-0.27	-1.03	-1.23	-0.84		ppb
Selenium	77-2	-1.44	0.72	-0.40	-0.38		ppb
Selenium	78-2	-0.19	0.15	0.02	-0.01		ppb
Silicon	28-1	-20.54	-15.55	-23.15	-19.75		ppb
Silver	107-1	0.02	0.01	0.03	0.02	36.77	ppb
Silver	109-1	0.02	0.01	0.01	0.01	67.30	ppb
Sodium	23-2	15.54	19.55	21.47	18.85	16.03	ppb
Strontium	86-1	0.00	-0.01	0.09	0.03	212.89	ppb
Strontium	88-1	0.11	0.10	0.13	0.11	16.31	ppb
Sulfur	34-1	-1062.01	-330.81	-1504.61	-965.81		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.04	-0.02	-0.02		ppb
Thallium	205-1	-0.02	0.02	0.00	0.00	2184.79	ppb
Tin	118-1	0.03	-0.01	0.16	0.06	142.75	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:01:14	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	0.04	0.01	0.00		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	36.74	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	80.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	0.25	0.28	0.20	0.24	16.41	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.08	ppb
Zirconium	91-1	0.01	-0.03	-0.02	-0.02		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:04:19	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.89	33.29	33.52	34.56	5.83	ppb
Antimony	121-1	3.24	3.33	3.38	3.32	2.18	ppb
Arsenic	75-2	1.88	1.59	1.85	1.77	9.15	ppb
Barium	135-1	16.41	16.61	16.29	16.44	0.98	ppb
Barium	137-1	16.24	16.94	16.26	16.48	2.43	ppb
Beryllium	9-1	1.80	1.78	1.79	1.79	0.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	41.04	42.07	42.63	41.92	1.93	ppb
Boron	11-1	38.71	42.09	44.25	41.68	6.70	ppb
Bromine	81-1						cps
Cadmium	111-1	2.05	1.94	1.89	1.96	4.12	ppb
Cadmium	106-1	4.49	4.09	2.09	3.56	36.09	ppb
Cadmium	108-1	1.83	1.42	2.14	1.80	20.15	ppb
Calcium	43-1	849.73	894.82	863.02	869.19	2.67	ppb
Calcium	44-1	862.43	889.24	874.82	875.50	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.30	3.18	3.31	3.26	2.26	ppb
Cobalt	59-2	1.71	1.70	1.74	1.72	1.36	ppb
Copper	63-2	3.59	3.35	3.64	3.52	4.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	429.83	413.22	415.04	419.36	2.17	ppb
Iron	56-2	424.70	410.52	416.06	417.09	1.71	ppb
Iron	57-2	430.44	403.26	419.44	417.71	3.27	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:04:19	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.71	1.90	1.71	1.78	6.17	ppb
Lead	207-1	1.71	1.45	1.60	1.59	8.35	ppb
Lead	208-1	1.62	1.66	1.63	1.64	1.41	ppb
Lithium	6-1				108		%
Magnesium	24-2	903.65	869.25	865.80	879.57	2.38	ppb
Manganese	55-2	1.75	1.98	1.89	1.88	6.18	ppb
Molybdenum	94-1	9.56	10.09	10.37	10.01	4.11	ppb
Molybdenum	95-1	8.21	8.47	8.70	8.46	2.90	ppb
Molybdenum	96-1	8.48	8.51	8.50	8.50	0.18	ppb
Molybdenum	97-1	8.42	8.54	8.42	8.46	0.82	ppb
Molybdenum	98-1	8.12	8.20	8.75	8.36	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.69	1.71	1.83	1.74	4.48	ppb
Phosphorus	31-2	57.67	-1.80	-9.22	15.55	235.78	ppb
Potassium	39-2	861.82	823.42	869.44	851.56	2.90	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	7.67	8.15	8.32	8.04	4.21	ppb
Selenium	77-2	4.65	7.63	9.81	7.36	35.13	ppb
Selenium	78-2	9.48	7.65	7.66	8.26	12.75	ppb
Silicon	28-1	-10.85	-0.74	-2.56	-4.72		ppb
Silver	107-1	1.70	1.69	1.68	1.69	0.47	ppb
Silver	109-1	1.65	1.63	1.60	1.63	1.39	ppb
Sodium	23-2	897.54	855.45	870.93	874.64	2.43	ppb
Strontium	86-1	1.56	1.58	1.66	1.60	3.37	ppb
Strontium	88-1	1.71	1.77	1.69	1.72	2.33	ppb
Sulfur	34-1	-851.23	-543.11	-786.12	-726.82		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1.48	1.49	1.63	1.54	5.38	ppb
Thallium	205-1	1.61	1.53	1.66	1.60	4.05	ppb
Tin	118-1	8.88	8.99	8.46	8.78	3.19	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:04:19	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.77	8.41	8.80	8.66	2.51	ppb
Uranium	238-1	1.53	1.51	1.52	1.52	0.87	ppb
Vanadium	51-2	8.30	8.18	8.18	8.22	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	10.28	9.75	9.60	9.88	3.64	ppb
Zirconium	90-1	1.53	1.55	1.63	1.57	3.24	ppb
Zirconium	91-1	1.46	1.54	1.64	1.55	5.82	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BL	Instrumnet Name :	P8
Client Sample ID :	PBS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:07:21	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.14	-0.27	-0.08		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	57.97	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.01	0.05	0.03	0.03	77.38	ppb
Barium	137-1	0.01	0.02	0.00	0.01	131.24	ppb
Beryllium	9-1	0.00	0.03	0.02	0.02	104.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	7.58	9.44	8.60	8.54	10.91	ppb
Boron	11-1	7.37	9.15	8.69	8.40	11.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.16	-0.05	-0.06		ppb
Cadmium	106-1	0.29	-2.25	-0.71	-0.89		ppb
Cadmium	108-1	0.06	-0.23	-0.19	-0.12		ppb
Calcium	43-1	0.07	5.68	2.78	2.84	98.65	ppb
Calcium	44-1	-0.50	22.93	11.10	11.18	104.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.03	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.05	-0.04	0.01	683.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				103		%
Iron	54-2	0.23	-0.18	0.07	0.04	535.68	ppb
Iron	56-2	0.51	0.45	0.48	0.48	5.59	ppb
Iron	57-2	0.07	-0.62	1.68	0.38	311.75	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BL	Instrumnet Name :	P8
Client Sample ID :	PBS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:07:21	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.09	0.05	0.06	52.34	ppb
Lead	207-1	0.01	0.01	0.00	0.01	147.93	ppb
Lead	208-1	0.02	0.05	0.05	0.04	35.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.54	2.82	1.41	1.92	40.67	ppb
Manganese	55-2	0.09	0.05	0.08	0.07	29.11	ppb
Molybdenum	94-1	0.03	-0.03	0.01	0.00	1524.56	ppb
Molybdenum	95-1	0.05	0.05	0.02	0.04	34.96	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	55.16	ppb
Molybdenum	97-1	0.06	0.03	0.02	0.04	59.01	ppb
Molybdenum	98-1	0.01	0.01	0.03	0.02	90.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.03	0.01	219.11	ppb
Phosphorus	31-2	-12.27	-19.66	-16.93	-16.29		ppb
Potassium	39-2	0.54	10.29	6.82	5.88	84.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				104		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	82-1	-2.46	-1.24	-2.20	-1.97		ppb
Selenium	77-2	-0.42	-1.44	-1.44	-1.10		ppb
Selenium	78-2	-0.63	-0.79	0.21	-0.40		ppb
Silicon	28-1	-18.33	30.14	4.88	5.57	435.50	ppb
Silver	107-1	0.03	0.05	0.02	0.04	50.26	ppb
Silver	109-1	0.02	0.03	0.01	0.02	46.08	ppb
Sodium	23-2	9.28	7.12	6.64	7.68	18.26	ppb
Strontium	86-1	-0.07	-0.09	0.08	-0.03		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	30.06	ppb
Sulfur	34-1	-1042.11	3132.58	1063.81	1051.43	198.53	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.02	0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	0.05	0.03	0.04	38.94	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BL	Instrumnet Name :	P8
Client Sample ID :	PBS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:07:21	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.10	-0.09	0.03	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.78	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	365.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	0.12	0.09	0.08	0.09	21.90	ppb
Zirconium	90-1	0.00	0.00	0.03	0.01	183.55	ppb
Zirconium	91-1	-0.02	-0.02	0.06	0.01	793.45	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BS	Instrumnet Name :	P8
Client Sample ID :	LCS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:10:25	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.98	32.94	33.91	34.28	4.54	ppb
Antimony	121-1	3.19	3.33	3.17	3.23	2.81	ppb
Arsenic	75-2	1.80	1.79	1.70	1.76	3.31	ppb
Barium	135-1	15.12	16.05	15.16	15.44	3.42	ppb
Barium	137-1	17.07	16.13	16.12	16.44	3.32	ppb
Beryllium	9-1	1.79	1.81	1.83	1.81	0.95	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	39.34	40.53	43.69	41.19	5.46	ppb
Boron	11-1	37.77	41.23	44.53	41.18	8.21	ppb
Bromine	81-1						cps
Cadmium	111-1	2.08	1.90	1.97	1.98	4.71	ppb
Cadmium	106-1	7.45	2.78	2.68	4.30	63.43	ppb
Cadmium	108-1	1.56	1.99	1.75	1.77	12.28	ppb
Calcium	43-1	845.73	853.82	850.17	849.91	0.48	ppb
Calcium	44-1	821.77	861.57	859.40	847.58	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.48	3.22	3.29	3.33	4.15	ppb
Cobalt	59-2	1.78	1.68	1.76	1.74	2.93	ppb
Copper	63-2	3.58	3.47	3.45	3.50	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	438.07	427.44	412.27	425.93	3.05	ppb
Iron	56-2	424.19	415.62	413.28	417.70	1.37	ppb
Iron	57-2	424.30	411.21	404.21	413.24	2.47	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BS	Instrumnet Name :	P8
Client Sample ID :	LCS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:10:25	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.54	1.53	1.77	1.61	8.41	ppb
Lead	207-1	1.74	1.53	1.63	1.63	6.36	ppb
Lead	208-1	1.66	1.51	1.57	1.58	4.99	ppb
Lithium	6-1				108		%
Magnesium	24-2	906.46	910.89	885.93	901.10	1.48	ppb
Manganese	55-2	1.79	1.55	1.81	1.72	8.29	ppb
Molybdenum	94-1	9.94	9.91	10.06	9.97	0.78	ppb
Molybdenum	95-1	8.01	8.35	8.26	8.21	2.19	ppb
Molybdenum	96-1	8.18	8.51	8.72	8.47	3.21	ppb
Molybdenum	97-1	8.13	8.24	8.44	8.27	1.92	ppb
Molybdenum	98-1	7.98	8.30	8.21	8.16	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.74	1.80	1.81	3.98	ppb
Phosphorus	31-2	5.16	20.78	14.08	13.34	58.74	ppb
Potassium	39-2	872.19	878.23	859.86	870.09	1.08	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	7.20	8.17	6.88	7.42	9.07	ppb
Selenium	77-2	6.89	11.77	9.06	9.24	26.48	ppb
Selenium	78-2	7.81	8.75	7.37	7.98	8.88	ppb
Silicon	28-1	-6.32	-4.73	-5.60	-5.55		ppb
Silver	107-1	1.70	1.65	1.64	1.67	2.01	ppb
Silver	109-1	1.55	1.57	1.58	1.57	0.96	ppb
Sodium	23-2	897.17	893.35	891.27	893.93	0.33	ppb
Strontium	86-1	1.59	1.50	1.30	1.46	9.88	ppb
Strontium	88-1	1.66	1.71	1.71	1.70	1.72	ppb
Sulfur	34-1	-1324.82	-849.53	-911.54	-1028.63		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	1.68	1.49	1.57	1.58	5.99	ppb
Thallium	205-1	1.61	1.57	1.55	1.58	2.07	ppb
Tin	118-1	8.71	8.64	8.27	8.54	2.74	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BS	Instrumnet Name :	P8
Client Sample ID :	LCS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:10:25	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.43	8.36	8.31	8.37	0.77	ppb
Uranium	238-1	1.45	1.43	1.67	1.52	9.07	ppb
Vanadium	51-2	8.62	8.49	8.07	8.39	3.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	10.51	10.38	10.18	10.35	1.62	ppb
Zirconium	90-1	1.57	1.67	1.58	1.61	3.62	ppb
Zirconium	91-1	1.66	1.75	1.56	1.66	5.53	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:13:27	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.46	33.00	33.38	33.95	3.90	ppb
Antimony	121-1	3.43	3.40	3.52	3.45	1.78	ppb
Arsenic	75-2	1.84	2.12	2.00	1.99	7.18	ppb
Barium	135-1	16.76	16.69	17.73	17.06	3.41	ppb
Barium	137-1	16.94	17.10	17.74	17.26	2.43	ppb
Beryllium	9-1	1.82	1.80	1.86	1.83	1.62	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	44.35	44.91	46.26	45.18	2.18	ppb
Boron	11-1	42.60	42.86	45.04	43.50	3.08	ppb
Bromine	81-1						cps
Cadmium	111-1	1.94	1.79	1.84	1.85	4.11	ppb
Cadmium	106-1	3.40	1.94	3.88	3.08	32.87	ppb
Cadmium	108-1	1.66	2.38	1.94	1.99	18.21	ppb
Calcium	43-1	897.80	870.02	876.10	881.30	1.66	ppb
Calcium	44-1	887.94	861.86	873.75	874.52	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.42	3.35	3.37	3.38	1.09	ppb
Cobalt	59-2	1.73	1.70	1.72	1.72	1.06	ppb
Copper	63-2	3.68	3.58	3.55	3.60	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	439.53	435.25	415.86	430.21	2.93	ppb
Iron	56-2	430.13	419.68	413.57	421.13	1.99	ppb
Iron	57-2	433.20	425.55	424.25	427.67	1.13	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:13:27	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.46	1.52	1.55	1.51	3.16	ppb
Lead	207-1	1.57	1.48	1.74	1.59	8.33	ppb
Lead	208-1	1.51	1.50	1.59	1.53	3.33	ppb
Lithium	6-1				110		%
Magnesium	24-2	911.01	912.79	896.72	906.84	0.97	ppb
Manganese	55-2	1.92	1.81	1.94	1.89	3.85	ppb
Molybdenum	94-1	10.25	9.88	10.53	10.22	3.17	ppb
Molybdenum	95-1	8.50	8.37	8.38	8.42	0.80	ppb
Molybdenum	96-1	9.13	8.74	9.06	8.98	2.33	ppb
Molybdenum	97-1	8.82	8.68	8.69	8.73	0.90	ppb
Molybdenum	98-1	8.78	8.57	8.70	8.69	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.79	1.72	1.79	3.75	ppb
Phosphorus	31-2	7.68	39.54	28.73	25.32	63.98	ppb
Potassium	39-2	864.04	877.25	862.77	868.02	0.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	8.77	7.06	8.78	8.21	12.06	ppb
Selenium	77-2	14.36	8.93	10.69	11.33	24.49	ppb
Selenium	78-2	9.22	10.62	10.30	10.05	7.27	ppb
Silicon	28-1	2.38	-1.19	-8.87	-2.56		ppb
Silver	107-1	1.62	1.72	1.81	1.72	5.55	ppb
Silver	109-1	1.73	1.65	1.65	1.68	2.59	ppb
Sodium	23-2	905.47	897.43	873.28	892.06	1.88	ppb
Strontium	86-1	1.59	1.48	1.71	1.59	7.19	ppb
Strontium	88-1	1.73	1.73	1.87	1.78	4.73	ppb
Sulfur	34-1	-220.88	-808.37	-594.78	-541.34		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.55	1.65	1.59	1.59	3.11	ppb
Thallium	205-1	1.47	1.51	1.62	1.54	5.04	ppb
Tin	118-1	8.46	8.89	9.37	8.90	5.09	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:13:27	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.64	8.25	8.96	8.62	4.09	ppb
Uranium	238-1	1.47	1.39	1.48	1.45	3.27	ppb
Vanadium	51-2	8.62	8.48	8.57	8.56	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	10.17	10.44	9.81	10.14	3.12	ppb
Zirconium	90-1	1.72	1.65	1.71	1.70	2.30	ppb
Zirconium	91-1	1.61	1.52	1.65	1.59	4.18	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:16:32	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6286.77	6546.48	6355.96	6396.41	2.10	ppb
Antimony	121-1	17.83	18.32	17.97	18.04	1.40	ppb
Arsenic	75-2	9.22	8.86	8.42	8.84	4.54	ppb
Barium	135-1	226.09	232.59	223.91	227.53	1.98	ppb
Barium	137-1	233.23	235.24	237.88	235.45	0.99	ppb
Beryllium	9-1	0.83	0.85	0.77	0.82	4.85	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Boron	10-1	79.29	83.64	85.61	82.85	3.90	ppb
Boron	11-1	77.04	80.92	83.68	80.55	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	2.51	1.99	2.11	2.20	12.34	ppb
Cadmium	106-1	12.23	8.60	8.16	9.66	23.13	ppb
Cadmium	108-1	5.89	5.74	5.83	5.82	1.28	ppb
Calcium	43-1	47461.54	47970.39	47685.63	47705.85	0.53	ppb
Calcium	44-1	46544.72	47154.09	47122.57	46940.46	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.57	26.71	25.65	25.98	2.45	ppb
Cobalt	59-2	5.47	5.63	5.40	5.50	2.13	ppb
Copper	63-2	262.14	279.46	268.64	270.08	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				115		%
Indium	115-2				107		%
Iron	54-2	22222.70	22459.71	22281.03	22321.15	0.55	ppb
Iron	56-2	20907.93	21711.65	20935.55	21185.04	2.15	ppb
Iron	57-2	20884.25	21977.83	21329.25	21397.11	2.57	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:16:32	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	146.36	147.55	146.17	146.69	0.51	ppb
Lead	207-1	138.14	142.59	140.24	140.32	1.59	ppb
Lead	208-1	143.10	143.99	143.12	143.40	0.36	ppb
Lithium	6-1				117		%
Magnesium	24-2	6994.75	7240.32	7013.80	7082.96	1.93	ppb
Manganese	55-2	440.23	452.65	436.49	443.12	1.91	ppb
Molybdenum	94-1	13.40	12.39	11.69	12.49	6.86	ppb
Molybdenum	95-1	5.26	4.95	4.28	4.83	10.37	ppb
Molybdenum	96-1	6.39	5.80	5.09	5.76	11.30	ppb
Molybdenum	97-1	5.31	4.84	4.35	4.84	9.95	ppb
Molybdenum	98-1	5.25	4.81	4.12	4.73	11.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.50	29.73	28.24	28.83	2.76	ppb
Phosphorus	31-2	2969.89	3161.52	3184.13	3105.18	3.79	ppb
Potassium	39-2	10703.72	11207.81	10644.91	10852.15	2.85	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				120		%
Scandium	45-2				109		%
Selenium	82-1	2.55	1.47	1.26	1.76	39.27	ppb
Selenium	77-2	12.83	18.31	13.69	14.94	19.74	ppb
Selenium	78-2	4.34	6.40	4.54	5.10	22.34	ppb
Silicon	28-1	821.40	765.80	797.73	794.98	3.51	ppb
Silver	107-1	2.59	2.58	2.73	2.63	3.19	ppb
Silver	109-1	2.62	2.60	2.62	2.62	0.50	ppb
Sodium	23-2	79207.67	81563.14	79577.81	80116.21	1.58	ppb
Strontium	86-1	275.21	272.36	265.22	270.93	1.90	ppb
Strontium	88-1	268.51	271.14	267.08	268.91	0.77	ppb
Sulfur	34-1	14854.33	15251.50	14928.95	15011.59	1.41	ppb
Terbium	159-1				118		%
Terbium	159-2				111		%
Thallium	203-1	0.22	0.24	0.18	0.21	14.65	ppb
Thallium	205-1	0.25	0.25	0.22	0.24	8.12	ppb
Tin	118-1	67.99	69.19	67.62	68.27	1.20	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:16:32	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	207.65	201.70	208.64	206.00	1.82	ppb
Uranium	238-1	4.02	4.14	3.99	4.05	1.97	ppb
Vanadium	51-2	19.06	19.48	19.13	19.22	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				111		%
Zinc	66-2	11096.56	11545.68	11006.19	11216.14	2.58	ppb
Zirconium	90-1	4.62	4.33	4.31	4.42	3.97	ppb
Zirconium	91-1	4.81	4.34	4.19	4.45	7.20	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-02	Instrumnet Name :	P8
Client Sample ID :	MH1JC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:19:27	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7154.90	6943.43	7104.40	7067.58	1.56	ppb
Antimony	121-1	5.70	5.45	5.53	5.56	2.34	ppb
Arsenic	75-2	12.03	11.70	12.17	11.97	2.01	ppb
Barium	135-1	231.52	228.79	228.86	229.72	0.68	ppb
Barium	137-1	238.16	236.22	232.74	235.71	1.17	ppb
Beryllium	9-1	1.13	1.13	1.13	1.13	0.17	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	66.98	66.43	71.82	68.41	4.34	ppb
Boron	11-1	67.04	66.42	71.26	68.24	3.86	ppb
Bromine	81-1						cps
Cadmium	111-1	2.70	2.31	2.21	2.41	10.66	ppb
Cadmium	106-1	9.33	6.08	6.71	7.37	23.34	ppb
Cadmium	108-1	3.46	3.35	3.08	3.30	5.94	ppb
Calcium	43-1	71818.74	69628.52	68880.09	70109.12	2.18	ppb
Calcium	44-1	70077.74	68376.94	67170.62	68541.76	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.97	17.43	17.83	17.74	1.58	ppb
Cobalt	59-2	5.02	4.82	5.09	4.98	2.79	ppb
Copper	63-2	113.07	109.21	112.34	111.54	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	23841.22	23386.84	23820.86	23682.98	1.08	ppb
Iron	56-2	23426.98	22325.82	22528.16	22760.32	2.58	ppb
Iron	57-2	22466.82	22302.83	22657.94	22475.87	0.79	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-02	Instrumnet Name :	P8
Client Sample ID :	MH1JC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:19:27	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	139.78	136.80	142.20	139.59	1.94	ppb
Lead	207-1	143.31	133.76	134.82	137.30	3.81	ppb
Lead	208-1	141.47	132.50	136.59	136.85	3.28	ppb
Lithium	6-1				117		%
Magnesium	24-2	8578.08	8678.61	8652.10	8636.27	0.60	ppb
Manganese	55-2	567.59	553.38	566.55	562.51	1.41	ppb
Molybdenum	94-1	8.38	8.14	8.08	8.20	1.91	ppb
Molybdenum	95-1	5.17	5.32	5.17	5.22	1.70	ppb
Molybdenum	96-1	5.98	5.95	5.76	5.90	2.01	ppb
Molybdenum	97-1	5.11	5.46	5.28	5.28	3.29	ppb
Molybdenum	98-1	5.55	5.30	5.40	5.42	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.41	25.20	24.44	25.02	2.06	ppb
Phosphorus	31-2	3701.41	3422.56	3569.03	3564.33	3.91	ppb
Potassium	39-2	18818.59	18420.45	18506.36	18581.80	1.13	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	2.19	0.26	1.85	1.44	71.79	ppb
Selenium	77-2	29.98	29.15	16.53	25.22	29.89	ppb
Selenium	78-2	9.04	6.69	7.82	7.85	14.96	ppb
Silicon	28-1	859.74	841.16	827.91	842.93	1.90	ppb
Silver	107-1	1.64	1.62	1.69	1.65	2.11	ppb
Silver	109-1	1.69	1.73	1.57	1.66	5.21	ppb
Sodium	23-2	115673.49	114622.90	116934.03	115743.47	1.00	ppb
Strontium	86-1	361.53	360.33	362.88	361.58	0.35	ppb
Strontium	88-1	352.83	359.15	352.90	354.96	1.02	ppb
Sulfur	34-1	14845.92	13741.29	18593.71	15726.97	16.17	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.32	0.25	0.32	0.30	12.10	ppb
Thallium	205-1	0.34	0.29	0.33	0.32	8.20	ppb
Tin	118-1	38.53	37.90	37.89	38.10	0.96	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-02	Instrumnet Name :	P8
Client Sample ID :	MH1JC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:19:27	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	144.96	140.85	141.71	142.51	1.52	ppb
Uranium	238-1	7.87	7.67	7.62	7.72	1.73	ppb
Vanadium	51-2	18.08	17.69	17.73	17.84	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	3877.49	3746.19	3817.16	3813.61	1.72	ppb
Zirconium	90-1	2.03	2.11	2.09	2.07	2.07	ppb
Zirconium	91-1	1.97	1.85	1.87	1.90	3.40	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-03	Instrumnet Name :	P8
Client Sample ID :	MH1JC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:22:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7368.30	7653.19	7587.28	7536.25	1.98	ppb
Antimony	121-1	95.92	97.13	95.48	96.18	0.89	ppb
Arsenic	75-2	10.50	10.56	10.46	10.51	0.50	ppb
Barium	135-1	198.36	193.77	194.70	195.61	1.24	ppb
Barium	137-1	204.25	197.51	196.80	199.52	2.06	ppb
Beryllium	9-1	0.92	0.99	0.83	0.91	8.92	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	76.30	75.66	74.89	75.62	0.94	ppb
Boron	11-1	74.02	78.36	73.69	75.35	3.46	ppb
Bromine	81-1						cps
Cadmium	111-1	1.99	2.24	2.30	2.18	7.49	ppb
Cadmium	106-1	4.51	8.19	6.24	6.32	29.16	ppb
Cadmium	108-1	3.52	3.69	3.51	3.57	2.77	ppb
Calcium	43-1	56723.34	55924.07	56617.20	56421.54	0.77	ppb
Calcium	44-1	55489.27	53649.04	54923.12	54687.14	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.40	24.72	23.84	23.99	2.79	ppb
Cobalt	59-2	6.35	6.66	6.69	6.57	2.89	ppb
Copper	63-2	146.93	152.05	150.97	149.98	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	54-2	20025.60	20144.27	20382.25	20184.04	0.90	ppb
Iron	56-2	18641.33	20088.37	19627.88	19452.53	3.80	ppb
Iron	57-2	18783.74	19805.73	19135.60	19241.69	2.70	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-03	Instrumnet Name :	P8
Client Sample ID :	MH1JC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:22:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	119.77	121.08	120.47	120.44	0.55	ppb
Lead	207-1	119.24	118.33	121.37	119.65	1.30	ppb
Lead	208-1	119.16	118.70	117.69	118.52	0.64	ppb
Lithium	6-1				117		%
Magnesium	24-2	9078.05	9890.18	9805.30	9591.18	4.65	ppb
Manganese	55-2	539.41	561.59	565.32	555.44	2.52	ppb
Molybdenum	94-1	6.86	6.88	7.25	6.99	3.12	ppb
Molybdenum	95-1	3.92	3.82	3.71	3.82	2.74	ppb
Molybdenum	96-1	4.64	4.19	4.18	4.34	6.05	ppb
Molybdenum	97-1	3.92	3.80	3.50	3.74	5.88	ppb
Molybdenum	98-1	3.80	3.82	3.80	3.81	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.85	36.72	36.87	36.48	1.51	ppb
Phosphorus	31-2	3690.48	3740.94	3706.54	3712.65	0.69	ppb
Potassium	39-2	9782.43	10233.65	10114.55	10043.55	2.33	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	1.73	1.23	1.39	1.45	17.66	ppb
Selenium	77-2	23.04	28.46	28.39	26.63	11.69	ppb
Selenium	78-2	6.73	5.60	6.77	6.37	10.45	ppb
Silicon	28-1	845.58	834.64	846.17	842.13	0.77	ppb
Silver	107-1	2.18	2.25	2.21	2.22	1.73	ppb
Silver	109-1	2.24	2.15	2.05	2.14	4.44	ppb
Sodium	23-2	120669.33	125943.41	123444.77	123352.50	2.14	ppb
Strontium	86-1	292.61	279.72	286.57	286.30	2.25	ppb
Strontium	88-1	294.18	277.68	282.58	284.81	2.98	ppb
Sulfur	34-1	14825.24	14125.92	14355.70	14435.62	2.47	ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.30	0.31	0.32	0.31	4.48	ppb
Thallium	205-1	0.34	0.34	0.34	0.34	1.11	ppb
Tin	118-1	41.97	41.48	41.43	41.63	0.71	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-03	Instrumnet Name :	P8
Client Sample ID :	MH1JC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:22:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	161.15	157.67	160.32	159.71	1.14	ppb
Uranium	238-1	7.17	7.17	7.27	7.20	0.78	ppb
Vanadium	51-2	20.27	20.93	21.42	20.87	2.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	4634.36	4873.62	4767.78	4758.59	2.52	ppb
Zirconium	90-1	2.26	2.21	2.19	2.22	1.64	ppb
Zirconium	91-1	1.92	2.09	2.20	2.07	6.81	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-04	Instrumnet Name :	P8
Client Sample ID :	MH1JC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:25:21	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20961.13	25584.45	21879.65	22808.41	10.73	ppb
Antimony	121-1	7.32	7.13	7.32	7.25	1.52	ppb
Arsenic	75-2	19.49	23.89	20.77	21.38	10.58	ppb
Barium	135-1	398.92	414.00	413.28	408.73	2.08	ppb
Barium	137-1	416.36	417.30	400.90	411.52	2.24	ppb
Beryllium	9-1	1.13	1.11	1.17	1.14	2.74	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	161.17	160.64	174.20	165.34	4.64	ppb
Boron	11-1	152.92	162.47	173.78	163.06	6.40	ppb
Bromine	81-1						cps
Cadmium	111-1	4.48	4.70	4.43	4.53	3.21	ppb
Cadmium	106-1	6.82	9.41	7.53	7.92	16.86	ppb
Cadmium	108-1	4.03	5.75	4.79	4.86	17.77	ppb
Calcium	43-1	280083.84	270028.12	284156.90	278089.62	2.62	ppb
Calcium	44-1	279880.63	271769.07	287080.20	279576.63	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.39	50.41	43.14	44.98	10.64	ppb
Cobalt	59-2	12.00	14.66	12.59	13.08	10.71	ppb
Copper	63-2	235.09	286.69	239.87	253.88	11.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				102		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	54-2	23840.29	29120.96	24547.35	25836.20	11.10	ppb
Iron	56-2	22784.95	28669.35	23788.26	25080.86	12.55	ppb
Iron	57-2	22796.04	28142.29	23941.62	24959.98	11.28	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-04	Instrumnet Name :	P8
Client Sample ID :	MH1JC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:25:21	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	418.42	393.35	428.06	413.28	4.34	ppb
Lead	207-1	399.06	391.53	397.67	396.08	1.01	ppb
Lead	208-1	416.28	407.76	426.70	416.91	2.28	ppb
Lithium	6-1				119		%
Magnesium	24-2	11720.02	13979.87	12196.00	12631.96	9.43	ppb
Manganese	55-2	1056.19	1299.96	1110.50	1155.55	11.07	ppb
Molybdenum	94-1	12.80	11.54	12.32	12.22	5.18	ppb
Molybdenum	95-1	3.89	3.70	4.00	3.87	3.91	ppb
Molybdenum	96-1	5.05	4.71	4.84	4.87	3.51	ppb
Molybdenum	97-1	4.05	3.55	3.73	3.78	6.68	ppb
Molybdenum	98-1	3.98	3.83	3.73	3.85	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.57	57.24	48.44	50.42	12.06	ppb
Phosphorus	31-2	3535.22	4213.46	3994.37	3914.35	8.84	ppb
Potassium	39-2	15300.12	18590.25	15738.42	16542.93	10.80	ppb
Rhodium	103-1				111		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	82-1	3.56	4.84	4.21	4.20	15.19	ppb
Selenium	77-2	36.38	26.77	24.00	29.05	22.36	ppb
Selenium	78-2	7.13	13.54	10.22	10.30	31.13	ppb
Silicon	28-1	3845.46	3908.04	4043.64	3932.38	2.58	ppb
Silver	107-1	1.59	1.70	1.72	1.67	3.98	ppb
Silver	109-1	1.61	1.66	1.59	1.62	2.11	ppb
Sodium	23-2	35710.51	44166.24	36915.23	38930.66	11.75	ppb
Strontium	86-1	1055.84	1010.51	1025.92	1030.76	2.24	ppb
Strontium	88-1	1035.95	1003.95	1015.07	1018.32	1.60	ppb
Sulfur	34-1	17588.44	17308.66	18059.65	17652.25	2.15	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.32	0.38	0.41	0.37	12.64	ppb
Thallium	205-1	0.31	0.34	0.36	0.34	7.67	ppb
Tin	118-1	164.41	171.41	163.46	166.43	2.61	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-04	Instrumnet Name :	P8
Client Sample ID :	MH1JC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:25:21	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	544.00	543.31	549.88	545.73	0.66	ppb
Uranium	238-1	3.78	3.73	3.87	3.79	2.00	ppb
Vanadium	51-2	61.26	75.23	63.40	66.63	11.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				102		%
Zinc	66-2	1797.62	2233.69	1879.34	1970.22	11.77	ppb
Zirconium	90-1	4.99	4.75	4.84	4.86	2.46	ppb
Zirconium	91-1	4.75	4.61	4.63	4.66	1.67	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-05	Instrumnet Name :	P8
Client Sample ID :	MH1JC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:28:17	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13109.91	13293.66	13269.91	13224.49	0.76	ppb
Antimony	121-1	23.68	24.17	25.20	24.35	3.18	ppb
Arsenic	75-2	13.46	13.77	13.76	13.66	1.26	ppb
Barium	135-1	460.68	483.18	462.93	468.93	2.64	ppb
Barium	137-1	468.31	498.12	478.91	481.78	3.14	ppb
Beryllium	9-1	0.80	0.79	0.83	0.81	2.89	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	143.90	155.32	160.92	153.38	5.65	ppb
Boron	11-1	145.85	152.90	157.81	152.19	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	5.92	6.21	5.73	5.95	4.11	ppb
Cadmium	106-1	8.31	8.44	8.55	8.43	1.42	ppb
Cadmium	108-1	6.69	6.98	7.14	6.94	3.26	ppb
Calcium	43-1	177284.59	179538.74	182106.52	179643.28	1.34	ppb
Calcium	44-1	175018.12	176653.91	176495.60	176055.88	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.30	39.47	38.40	39.06	1.46	ppb
Cobalt	59-2	11.75	11.51	11.46	11.58	1.36	ppb
Copper	63-2	1589.70	1629.90	1568.03	1595.88	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				85		%
Indium	115-2				67		%
Iron	54-2	24486.49	24330.76	23946.73	24254.66	1.15	ppb
Iron	56-2	23457.14	23693.69	23590.48	23580.43	0.50	ppb
Iron	57-2	23390.04	23797.98	23690.73	23626.25	0.90	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-05	Instrumnet Name :	P8
Client Sample ID :	MH1JC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:28:17	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1586.92	1527.76	1616.29	1576.99	2.86	ppb
Lead	207-1	1512.73	1479.85	1565.35	1519.31	2.84	ppb
Lead	208-1	1507.93	1481.44	1560.26	1516.55	2.64	ppb
Lithium	6-1				118		%
Magnesium	24-2	8905.58	8704.63	8738.66	8782.96	1.22	ppb
Manganese	55-2	660.00	663.26	658.97	660.74	0.34	ppb
Molybdenum	94-1	6.57	5.74	6.21	6.17	6.78	ppb
Molybdenum	95-1	3.89	3.94	4.19	4.01	4.03	ppb
Molybdenum	96-1	4.38	4.20	4.24	4.27	2.27	ppb
Molybdenum	97-1	3.80	3.74	3.92	3.82	2.47	ppb
Molybdenum	98-1	3.95	3.75	3.97	3.89	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.92	46.72	45.53	46.06	1.32	ppb
Phosphorus	31-2	8793.17	8592.51	8397.84	8594.50	2.30	ppb
Potassium	39-2	13985.80	13580.97	13606.71	13724.49	1.65	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	3.01	3.44	3.48	3.31	7.90	ppb
Selenium	77-2	22.32	20.75	23.34	22.14	5.89	ppb
Selenium	78-2	5.10	7.07	6.40	6.19	16.19	ppb
Silicon	28-1	878.58	864.34	904.22	882.38	2.29	ppb
Silver	107-1	3.27	3.22	3.36	3.28	2.05	ppb
Silver	109-1	3.03	3.13	3.11	3.09	1.69	ppb
Sodium	23-2	52682.13	53820.56	52715.98	53072.89	1.22	ppb
Strontium	86-1	1031.56	991.78	1033.69	1019.01	2.32	ppb
Strontium	88-1	1017.90	1006.38	1021.71	1015.33	0.79	ppb
Sulfur	34-1	18922.53	18587.56	19218.36	18909.48	1.67	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.22	0.22	0.22	0.22	0.23	ppb
Thallium	205-1	0.17	0.16	0.25	0.19	23.79	ppb
Tin	118-1	22028.54	22800.99	22975.85	22601.79	2.23	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-05	Instrumnet Name :	P8
Client Sample ID :	MH1JC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:28:17	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	222.02	212.90	218.18	217.70	2.10	ppb
Uranium	238-1	3.96	3.72	3.76	3.81	3.26	ppb
Vanadium	51-2	40.10	40.66	40.56	40.44	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	3808.11	3775.10	3814.35	3799.19	0.56	ppb
Zirconium	90-1	1.61	1.64	1.38	1.54	9.20	ppb
Zirconium	91-1	1.41	1.58	1.51	1.50	5.95	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-06	Instrumnet Name :	P8
Client Sample ID :	MH1JC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:31:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8948.38	8985.21	8857.46	8930.35	0.74	ppb
Antimony	121-1	4.78	5.09	5.03	4.97	3.36	ppb
Arsenic	75-2	18.38	18.88	17.83	18.36	2.85	ppb
Barium	135-1	327.92	334.69	360.22	340.94	5.00	ppb
Barium	137-1	326.34	347.93	361.71	345.33	5.16	ppb
Beryllium	9-1	0.60	0.56	0.57	0.58	3.73	ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	84.92	87.14	89.99	87.35	2.91	ppb
Boron	11-1	83.06	87.03	90.21	86.77	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	2.64	2.78	3.06	2.82	7.50	ppb
Cadmium	106-1	6.11	6.87	7.74	6.91	11.79	ppb
Cadmium	108-1	3.61	3.58	4.56	3.92	14.22	ppb
Calcium	43-1	61910.27	65051.83	69108.80	65356.97	5.52	ppb
Calcium	44-1	61900.98	66642.93	66119.43	64887.78	4.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.93	44.49	43.87	44.10	0.77	ppb
Cobalt	59-2	8.42	8.36	8.45	8.41	0.57	ppb
Copper	63-2	125.75	125.71	124.19	125.22	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	19604.06	19572.56	19318.79	19498.47	0.80	ppb
Iron	56-2	19057.12	18996.84	18797.17	18950.37	0.72	ppb
Iron	57-2	19116.32	18957.06	18462.85	18845.41	1.81	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-06	Instrumnet Name :	P8
Client Sample ID :	MH1JC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:31:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	665.64	739.03	655.41	686.69	6.64	ppb
Lead	207-1	633.21	666.64	630.69	643.51	3.12	ppb
Lead	208-1	661.87	697.57	656.21	671.88	3.34	ppb
Lithium	6-1				118		%
Magnesium	24-2	12906.78	13704.52	13065.53	13225.61	3.19	ppb
Manganese	55-2	665.00	668.62	662.89	665.50	0.44	ppb
Molybdenum	94-1	9.09	9.14	10.97	9.73	11.02	ppb
Molybdenum	95-1	2.90	2.93	2.95	2.93	0.90	ppb
Molybdenum	96-1	3.39	3.52	3.71	3.54	4.42	ppb
Molybdenum	97-1	2.83	2.74	2.66	2.74	3.01	ppb
Molybdenum	98-1	2.65	2.77	2.85	2.76	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.09	27.05	26.74	26.63	1.84	ppb
Phosphorus	31-2	7453.14	6955.39	6919.14	7109.22	4.20	ppb
Potassium	39-2	18108.87	18345.61	18053.57	18169.35	0.85	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	1.72	1.85	0.46	1.34	57.02	ppb
Selenium	77-2	13.24	10.58	12.05	11.95	11.12	ppb
Selenium	78-2	3.85	5.33	5.33	4.84	17.68	ppb
Silicon	28-1	913.23	902.85	931.81	915.97	1.60	ppb
Silver	107-1	1.43	1.39	1.42	1.41	1.66	ppb
Silver	109-1	1.20	1.36	1.32	1.29	6.18	ppb
Sodium	23-2	31365.22	32353.34	31468.02	31728.86	1.71	ppb
Strontium	86-1	190.66	206.72	208.93	202.10	4.93	ppb
Strontium	88-1	197.69	208.69	205.97	204.12	2.81	ppb
Sulfur	34-1	7988.48	8013.21	9237.28	8412.99	8.49	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.23	0.22	0.29	0.24	16.62	ppb
Thallium	205-1	0.26	0.28	0.24	0.26	7.30	ppb
Tin	118-1	54.08	54.77	54.79	54.55	0.74	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-06	Instrumnet Name :	P8
Client Sample ID :	MH1JC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:31:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	128.22	149.06	132.84	136.71	8.01	ppb
Uranium	238-1	1.45	1.48	1.52	1.48	2.56	ppb
Vanadium	51-2	29.21	30.14	28.99	29.45	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	2433.17	2450.73	2390.52	2424.81	1.28	ppb
Zirconium	90-1	3.73	4.40	3.84	3.99	9.08	ppb
Zirconium	91-1	3.53	3.90	4.39	3.94	10.90	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-07	Instrumnet Name :	P8
Client Sample ID :	MH1JC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:34:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7424.51	7185.03	7194.02	7267.86	1.87	ppb
Antimony	121-1	7.89	8.29	8.46	8.22	3.54	ppb
Arsenic	75-2	16.56	16.15	15.77	16.16	2.43	ppb
Barium	135-1	456.86	460.94	474.74	464.18	2.02	ppb
Barium	137-1	460.77	467.96	471.02	466.58	1.13	ppb
Beryllium	9-1	0.53	0.53	0.51	0.52	2.78	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Boron	10-1	205.13	226.34	232.04	221.17	6.41	ppb
Boron	11-1	205.74	225.31	230.17	220.41	5.87	ppb
Bromine	81-1						cps
Cadmium	111-1	2.63	3.06	2.91	2.87	7.45	ppb
Cadmium	106-1	5.03	7.21	6.87	6.37	18.34	ppb
Cadmium	108-1	4.20	4.63	4.95	4.59	8.17	ppb
Calcium	43-1	59585.04	60561.90	62784.05	60977.00	2.69	ppb
Calcium	44-1	60959.16	60476.64	62408.23	61281.34	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.10	49.45	49.63	50.06	1.80	ppb
Cobalt	59-2	8.23	7.94	7.96	8.04	2.04	ppb
Copper	63-2	124.04	120.61	121.53	122.06	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	19264.34	18829.89	18325.99	18806.74	2.50	ppb
Iron	56-2	18324.21	17601.20	18581.83	18169.08	2.80	ppb
Iron	57-2	18193.06	17933.13	18096.98	18074.39	0.73	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-07	Instrumnet Name :	P8
Client Sample ID :	MH1JC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:34:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	650.06	627.44	669.75	649.08	3.26	ppb
Lead	207-1	657.64	651.07	672.67	660.46	1.68	ppb
Lead	208-1	663.78	667.14	692.09	674.34	2.29	ppb
Lithium	6-1				117		%
Magnesium	24-2	8507.59	8161.77	8043.04	8237.47	2.93	ppb
Manganese	55-2	726.09	694.94	698.78	706.61	2.40	ppb
Molybdenum	94-1	9.13	8.36	9.02	8.84	4.76	ppb
Molybdenum	95-1	2.50	2.57	2.80	2.62	5.99	ppb
Molybdenum	96-1	3.16	3.84	3.67	3.56	9.95	ppb
Molybdenum	97-1	2.57	2.75	2.61	2.64	3.56	ppb
Molybdenum	98-1	2.54	2.56	2.74	2.61	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.06	24.17	24.08	24.44	2.22	ppb
Phosphorus	31-2	7357.56	7129.15	7310.33	7265.68	1.66	ppb
Potassium	39-2	15529.65	14511.32	15103.01	15047.99	3.40	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	0.70	1.54	1.92	1.39	45.02	ppb
Selenium	77-2	12.52	14.93	13.20	13.55	9.17	ppb
Selenium	78-2	4.48	3.95	4.35	4.26	6.41	ppb
Silicon	28-1	966.02	969.31	1024.94	986.76	3.36	ppb
Silver	107-1	1.33	1.38	1.42	1.38	3.34	ppb
Silver	109-1	1.29	1.33	1.38	1.33	3.35	ppb
Sodium	23-2	45418.64	44356.34	43751.36	44508.78	1.90	ppb
Strontium	86-1	190.10	191.45	206.33	195.96	4.60	ppb
Strontium	88-1	196.93	191.56	197.53	195.34	1.68	ppb
Sulfur	34-1	11465.32	11457.37	11676.43	11533.04	1.08	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.19	0.24	0.19	23.46	ppb
Thallium	205-1	0.20	0.23	0.20	0.21	9.33	ppb
Tin	118-1	69.29	69.49	73.60	70.79	3.43	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-07	Instrumnet Name :	P8
Client Sample ID :	MH1JC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:34:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	123.97	124.27	124.01	124.09	0.13	ppb
Uranium	238-1	1.25	1.40	1.33	1.33	5.78	ppb
Vanadium	51-2	27.25	26.19	26.80	26.75	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	2808.97	2735.07	2731.38	2758.47	1.59	ppb
Zirconium	90-1	3.65	5.42	4.16	4.41	20.55	ppb
Zirconium	91-1	3.38	3.66	3.68	3.57	4.63	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-08	Instrumnet Name :	P8
Client Sample ID :	MH1JC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:37:03	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20519.12	20746.25	20814.01	20693.13	0.75	ppb
Antimony	121-1	4.09	3.84	3.98	3.97	3.10	ppb
Arsenic	75-2	14.93	15.07	14.79	14.93	0.96	ppb
Barium	135-1	226.14	211.72	220.22	219.36	3.31	ppb
Barium	137-1	236.95	213.01	224.66	224.87	5.32	ppb
Beryllium	9-1	0.55	0.53	0.60	0.56	6.32	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	93.94	100.19	104.14	99.42	5.17	ppb
Boron	11-1	95.30	97.42	102.17	98.29	3.58	ppb
Bromine	81-1						cps
Cadmium	111-1	1.78	1.54	1.76	1.70	7.83	ppb
Cadmium	106-1	5.70	4.07	4.80	4.86	16.81	ppb
Cadmium	108-1	2.39	2.23	2.62	2.41	8.22	ppb
Calcium	43-1	169672.81	160415.41	176551.59	168879.94	4.79	ppb
Calcium	44-1	166744.77	159095.22	168456.07	164765.35	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.56	82.14	83.30	82.67	0.71	ppb
Cobalt	59-2	5.06	5.27	5.12	5.15	2.11	ppb
Copper	63-2	429.96	436.00	433.22	433.06	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	54-2	22716.76	22086.74	22661.09	22488.20	1.55	ppb
Iron	56-2	21156.93	21677.36	22057.89	21630.73	2.09	ppb
Iron	57-2	21330.66	21638.78	21786.93	21585.46	1.08	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-08	Instrumnet Name :	P8
Client Sample ID :	MH1JC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:37:03	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	742.89	737.26	808.95	763.03	5.22	ppb
Lead	207-1	701.89	674.22	746.04	707.38	5.12	ppb
Lead	208-1	735.39	702.67	767.70	735.25	4.42	ppb
Lithium	6-1				121		%
Magnesium	24-2	6555.09	6499.65	6606.37	6553.70	0.81	ppb
Manganese	55-2	333.10	337.66	334.98	335.24	0.68	ppb
Molybdenum	94-1	9.39	9.83	9.27	9.49	3.14	ppb
Molybdenum	95-1	2.90	2.63	2.65	2.73	5.44	ppb
Molybdenum	96-1	3.73	3.60	3.49	3.61	3.33	ppb
Molybdenum	97-1	2.79	2.80	2.75	2.78	0.95	ppb
Molybdenum	98-1	2.69	2.69	2.73	2.70	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.78	47.99	48.12	47.63	1.56	ppb
Phosphorus	31-2	12717.40	12657.15	12325.40	12566.65	1.68	ppb
Potassium	39-2	8611.83	8567.97	8673.97	8617.93	0.62	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	0.27	2.64	1.34	1.42	83.63	ppb
Selenium	77-2	9.62	11.72	10.66	10.67	9.83	ppb
Selenium	78-2	3.67	2.02	4.51	3.40	37.18	ppb
Silicon	28-1	1063.41	930.39	1008.67	1000.82	6.68	ppb
Silver	107-1	0.69	0.57	0.58	0.62	10.96	ppb
Silver	109-1	0.62	0.59	0.62	0.61	2.94	ppb
Sodium	23-2	11720.42	11320.95	11634.75	11558.71	1.82	ppb
Strontium	86-1	316.37	306.40	307.86	310.21	1.73	ppb
Strontium	88-1	309.42	305.42	313.04	309.29	1.23	ppb
Sulfur	34-1	13592.78	13659.75	15491.52	14248.02	7.56	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.13	0.12	0.12	4.32	ppb
Thallium	205-1	0.11	0.14	0.12	0.13	9.83	ppb
Tin	118-1	63.98	61.01	61.95	62.31	2.43	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-08	Instrumnet Name :	P8
Client Sample ID :	MH1JC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:37:03	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	641.39	620.03	658.84	640.09	3.04	ppb
Uranium	238-1	1.51	1.44	1.55	1.50	3.92	ppb
Vanadium	51-2	47.78	48.50	48.67	48.32	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	1201.57	1222.66	1234.05	1219.43	1.35	ppb
Zirconium	90-1	3.92	3.78	3.91	3.87	1.98	ppb
Zirconium	91-1	3.95	4.37	4.70	4.34	8.63	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-09	Instrumnet Name :	P8
Client Sample ID :	MH1JC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:39:59	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5154.96	5047.78	4929.51	5044.08	2.24	ppb
Antimony	121-1	7.74	7.55	8.23	7.84	4.46	ppb
Arsenic	75-2	5.07	5.24	4.42	4.91	8.82	ppb
Barium	135-1	216.86	209.88	226.95	217.89	3.94	ppb
Barium	137-1	216.61	214.36	224.65	218.54	2.48	ppb
Beryllium	9-1	0.39	0.41	0.37	0.39	4.73	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	252.81	263.77	272.16	262.91	3.69	ppb
Boron	11-1	258.76	268.64	273.30	266.90	2.78	ppb
Bromine	81-1						cps
Cadmium	111-1	2.46	2.51	2.88	2.62	8.91	ppb
Cadmium	106-1	4.28	6.19	9.03	6.50	36.82	ppb
Cadmium	108-1	3.57	2.76	3.76	3.37	15.73	ppb
Calcium	43-1	48214.37	44494.19	47364.15	46690.90	4.17	ppb
Calcium	44-1	46260.64	44622.81	47024.62	45969.36	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.72	32.31	32.16	32.73	2.63	ppb
Cobalt	59-2	5.32	5.00	4.94	5.09	4.05	ppb
Copper	63-2	111.86	110.50	106.50	109.62	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	54-2	11328.38	11019.03	10721.17	11022.86	2.75	ppb
Iron	56-2	11344.62	10896.76	10610.58	10950.65	3.38	ppb
Iron	57-2	11115.86	10830.38	10683.38	10876.54	2.02	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-09	Instrumnet Name :	P8
Client Sample ID :	MH1JC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:39:59	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	95.98	93.26	99.02	96.09	3.00	ppb
Lead	207-1	91.37	93.13	96.05	93.51	2.53	ppb
Lead	208-1	92.94	91.25	96.33	93.51	2.76	ppb
Lithium	6-1				118		%
Magnesium	24-2	9988.11	9681.04	9701.26	9790.14	1.75	ppb
Manganese	55-2	425.34	412.22	403.04	413.53	2.71	ppb
Molybdenum	94-1	15.21	14.47	14.82	14.83	2.47	ppb
Molybdenum	95-1	2.72	2.52	2.65	2.63	3.99	ppb
Molybdenum	96-1	4.12	4.06	4.14	4.11	0.94	ppb
Molybdenum	97-1	2.97	2.42	2.87	2.75	10.76	ppb
Molybdenum	98-1	2.66	2.47	2.71	2.61	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.72	22.80	22.31	22.94	3.12	ppb
Phosphorus	31-2	19659.86	19346.13	18701.45	19235.82	2.54	ppb
Potassium	39-2	45492.78	44219.93	42712.26	44141.66	3.15	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	0.91	0.10	0.53	0.51	79.16	ppb
Selenium	77-2	8.81	-0.41	7.43	5.28	94.24	ppb
Selenium	78-2	3.49	2.67	1.20	2.45	47.35	ppb
Silicon	28-1	1256.19	1125.47	1218.55	1200.07	5.61	ppb
Silver	107-1	3.51	3.42	3.51	3.48	1.51	ppb
Silver	109-1	3.38	3.48	3.75	3.54	5.52	ppb
Sodium	23-2	85388.04	84846.98	83318.92	84517.98	1.27	ppb
Strontium	86-1	184.37	173.46	187.91	181.91	4.14	ppb
Strontium	88-1	183.33	181.62	188.81	184.59	2.04	ppb
Sulfur	34-1	17795.81	14165.44	16101.36	16020.87	11.34	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.11	0.15	0.13	17.87	ppb
Thallium	205-1	0.11	0.14	0.12	0.12	13.20	ppb
Tin	118-1	97.54	97.29	104.35	99.73	4.02	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-09	Instrumnet Name :	P8
Client Sample ID :	MH1JC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:39:59	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	188.04	171.29	179.29	179.54	4.67	ppb
Uranium	238-1	1.08	1.08	1.15	1.10	3.38	ppb
Vanadium	51-2	16.72	15.97	15.70	16.13	3.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	908.26	873.37	852.89	878.17	3.19	ppb
Zirconium	90-1	6.74	6.56	7.07	6.79	3.88	ppb
Zirconium	91-1	6.93	7.03	6.59	6.85	3.33	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV060	Instrumnet Name :	P8
Client Sample ID :	CCV060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:43:52	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50900.54	52022.91	52444.11	51789.18	1.54	ppb
Antimony	121-1	498.99	463.56	502.14	488.23	4.39	ppb
Arsenic	75-2	500.20	512.20	510.23	507.55	1.27	ppb
Barium	135-1	2529.69	2450.39	2570.48	2516.86	2.43	ppb
Barium	137-1	2539.06	2464.31	2515.75	2506.38	1.53	ppb
Beryllium	9-1	497.06	510.49	481.35	496.30	2.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				94		%
Boron	10-1	478.03	501.17	503.83	494.34	2.87	ppb
Boron	11-1	458.68	497.94	485.00	480.54	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	524.97	512.47	516.46	517.97	1.23	ppb
Cadmium	106-1	542.51	516.44	537.94	532.30	2.61	ppb
Cadmium	108-1	538.31	521.12	530.56	529.99	1.62	ppb
Calcium	43-1	242860.87	256021.11	246155.64	248345.88	2.76	ppb
Calcium	44-1	242218.88	253351.66	243225.20	246265.25	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.76	493.43	486.14	488.44	0.89	ppb
Cobalt	59-2	522.31	535.54	543.59	533.81	2.01	ppb
Copper	63-2	5149.86	5282.45	5091.03	5174.45	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	128000.33	128419.67	126095.52	127505.18	0.97	ppb
Iron	56-2	124957.18	129308.51	125352.23	126539.31	1.90	ppb
Iron	57-2	125524.03	128640.52	129422.92	127862.49	1.61	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV060	Instrumnet Name :	P8
Client Sample ID :	CCV060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:43:52	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2502.27	2495.18	2595.93	2531.13	2.22	ppb
Lead	207-1	2553.56	2591.09	2644.32	2596.32	1.76	ppb
Lead	208-1	2493.40	2548.93	2522.40	2521.58	1.10	ppb
Lithium	6-1				113		%
Magnesium	24-2	256119.06	256150.91	252507.55	254925.84	0.82	ppb
Manganese	55-2	5230.82	5345.41	5228.16	5268.13	1.27	ppb
Molybdenum	94-1	5239.20	5333.46	5392.26	5321.64	1.45	ppb
Molybdenum	95-1	5221.67	5075.65	5376.79	5224.70	2.88	ppb
Molybdenum	96-1	5290.10	5289.23	5401.17	5326.83	1.21	ppb
Molybdenum	97-1	5257.28	5377.24	5383.89	5339.47	1.33	ppb
Molybdenum	98-1	5323.16	5307.71	5489.85	5373.58	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.10	509.81	507.18	508.70	0.27	ppb
Phosphorus	31-2	10047.65	10433.88	9936.58	10139.37	2.57	ppb
Potassium	39-2	124422.84	125390.93	126039.36	125284.38	0.65	ppb
Rhodium	103-1				106		%
Rhodium	103-2				93		%
Scandium	45-1				112		%
Scandium	45-2				96		%
Selenium	82-1	524.55	523.34	544.60	530.83	2.25	ppb
Selenium	77-2	569.50	504.07	569.36	547.64	6.89	ppb
Selenium	78-2	545.69	546.76	556.55	549.67	1.09	ppb
Silicon	28-1	459.35	531.20	525.91	505.49	7.92	ppb
Silver	107-1	511.07	483.29	508.39	500.92	3.06	ppb
Silver	109-1	494.77	480.62	486.35	487.25	1.46	ppb
Sodium	23-2	255532.16	258193.43	253142.96	255622.85	0.99	ppb
Strontium	86-1	4839.25	4735.69	4921.33	4832.09	1.93	ppb
Strontium	88-1	4909.37	4845.89	4867.85	4874.37	0.66	ppb
Sulfur	34-1	10363.27	12298.20	10732.02	11131.16	9.23	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	477.66	506.82	488.54	491.01	3.00	ppb
Thallium	205-1	501.79	486.62	514.49	500.97	2.79	ppb
Tin	118-1	502.46	485.62	510.29	499.46	2.52	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV060	Instrumnet Name :	P8
Client Sample ID :	CCV060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:43:52	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5280.17	5571.91	5279.67	5377.25	3.14	ppb
Uranium	238-1	489.63	514.04	509.11	504.26	2.56	ppb
Vanadium	51-2	496.18	504.87	500.21	500.42	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				97		%
Zinc	66-2	4892.42	5072.12	5000.85	4988.46	1.81	ppb
Zirconium	90-1	506.39	489.14	498.09	497.87	1.73	ppb
Zirconium	91-1	482.18	480.82	489.56	484.19	0.97	ppb

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCB060 Instrumnet Name : P8
 Client Sample ID : CCB060 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:50:26 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.21	3.35	3.93	3.83	11.47	ppb
Antimony	121-1	0.04	0.09	0.09	0.07	37.53	ppb
Arsenic	75-2	0.01	-0.01	0.03	0.01	196.72	ppb
Barium	135-1	0.04	0.05	0.02	0.04	35.64	ppb
Barium	137-1	-0.02	0.05	0.02	0.02	210.16	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	7.67	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	19.33	18.09	16.82	18.08	6.95	ppb
Boron	11-1	18.99	17.78	16.65	17.81	6.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.16	0.11	-0.09		ppb
Cadmium	106-1	-2.75	-2.42	1.31	-1.28		ppb
Cadmium	108-1	0.09	0.01	-0.15	-0.02		ppb
Calcium	43-1	16.70	15.14	16.44	16.10	5.19	ppb
Calcium	44-1	15.65	13.31	12.42	13.80	12.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.04	-0.07	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.23	0.22	0.19	0.21	11.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	10.37	7.94	9.19	9.17	13.28	ppb
Iron	56-2	8.73	8.97	8.55	8.75	2.45	ppb
Iron	57-2	9.81	8.39	5.22	7.81	30.06	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB060	Instrumnet Name :	P8
Client Sample ID :	CCB060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:50:26	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.09	0.11	19.55	ppb
Lead	207-1	0.07	0.07	0.12	0.09	34.75	ppb
Lead	208-1	0.10	0.10	0.09	0.10	7.73	ppb
Lithium	6-1				112		%
Magnesium	24-2	17.34	15.97	14.49	15.93	8.95	ppb
Manganese	55-2	0.01	0.04	0.00	0.02	124.10	ppb
Molybdenum	94-1	0.03	0.11	0.11	0.08	52.25	ppb
Molybdenum	95-1	0.16	0.10	0.10	0.12	28.71	ppb
Molybdenum	96-1	0.10	0.09	0.06	0.08	22.38	ppb
Molybdenum	97-1	0.16	0.11	0.10	0.12	27.26	ppb
Molybdenum	98-1	0.14	0.08	0.07	0.09	40.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	-0.01	0.00		ppb
Phosphorus	31-2	8.72	-25.23	-7.90	-8.14		ppb
Potassium	39-2	20.05	13.31	20.10	17.82	21.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	82-1	-1.79	-0.60	-1.33	-1.24		ppb
Selenium	77-2	-1.44	-1.44	-1.44	-1.44		ppb
Selenium	78-2	1.29	0.06	-0.48	0.29	310.34	ppb
Silicon	28-1	-18.70	-23.05	-22.36	-21.37		ppb
Silver	107-1	0.02	0.05	0.04	0.04	38.54	ppb
Silver	109-1	0.04	0.05	0.04	0.04	13.99	ppb
Sodium	23-2	48.79	45.92	42.81	45.84	6.52	ppb
Strontium	86-1	-0.05	-0.38	-0.13	-0.18		ppb
Strontium	88-1	0.04	0.04	0.03	0.04	12.16	ppb
Sulfur	34-1	-1061.14	-1411.40	-1455.22	-1309.25		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.00	-0.01	0.00	360.95	ppb
Thallium	205-1	0.00	0.02	0.00	0.01	166.24	ppb
Tin	118-1	0.25	0.16	0.18	0.20	25.02	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB060	Instrumnet Name :	P8
Client Sample ID :	CCB060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:50:26	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.16	-0.12	-0.18	-0.15		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	69.15	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	0.04	0.21	0.19	0.14	65.44	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.87	ppb
Zirconium	91-1	-0.01	0.01	-0.03	-0.01		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-10	Instrumnet Name :	P8
Client Sample ID :	MH1JC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:53:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8389.82	8511.93	8465.36	8455.70	0.73	ppb
Antimony	121-1	8.45	8.46	8.45	8.45	0.09	ppb
Arsenic	75-2	8.02	8.39	8.02	8.14	2.63	ppb
Barium	135-1	331.51	328.71	327.48	329.23	0.63	ppb
Barium	137-1	336.16	334.76	332.03	334.32	0.63	ppb
Beryllium	9-1	0.74	0.72	0.72	0.73	1.76	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Boron	10-1	122.90	126.10	129.89	126.30	2.77	ppb
Boron	11-1	116.78	125.94	128.51	123.74	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	2.82	3.11	3.24	3.06	7.03	ppb
Cadmium	106-1	0.49	4.58	5.62	3.56	76.22	ppb
Cadmium	108-1	3.99	3.63	3.73	3.78	4.91	ppb
Calcium	43-1	70982.59	73736.63	75105.86	73275.03	2.87	ppb
Calcium	44-1	69079.99	70671.50	71800.48	70517.32	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.63	50.01	48.92	49.19	1.48	ppb
Cobalt	59-2	7.38	7.50	7.44	7.44	0.82	ppb
Copper	63-2	323.05	322.60	323.40	323.02	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				106		%
Iron	54-2	19312.57	19962.49	19720.21	19665.09	1.67	ppb
Iron	56-2	19195.49	19366.11	19269.74	19277.11	0.44	ppb
Iron	57-2	18968.61	19044.54	18941.37	18984.84	0.28	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-10	Instrumnet Name :	P8
Client Sample ID :	MH1JC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:53:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	188.40	187.70	187.53	187.87	0.25	ppb
Lead	207-1	195.92	183.61	187.06	188.86	3.36	ppb
Lead	208-1	190.53	182.40	184.52	185.82	2.27	ppb
Lithium	6-1				121		%
Magnesium	24-2	8787.02	9055.59	8550.38	8797.66	2.87	ppb
Manganese	55-2	727.43	728.72	728.92	728.36	0.11	ppb
Molybdenum	94-1	9.35	9.09	9.79	9.41	3.77	ppb
Molybdenum	95-1	3.23	3.36	3.46	3.35	3.43	ppb
Molybdenum	96-1	4.10	4.30	4.17	4.19	2.40	ppb
Molybdenum	97-1	3.32	3.39	3.77	3.49	6.94	ppb
Molybdenum	98-1	3.22	3.34	3.27	3.27	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.96	33.99	34.22	34.06	0.41	ppb
Phosphorus	31-2	9503.31	9234.19	9117.43	9284.97	2.13	ppb
Potassium	39-2	21401.65	21586.65	20989.11	21325.81	1.43	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				106		%
Selenium	82-1	-0.07	2.06	1.23	1.07	100.26	ppb
Selenium	77-2	13.61	11.42	13.88	12.97	10.42	ppb
Selenium	78-2	4.48	2.46	4.33	3.76	29.99	ppb
Silicon	28-1	987.81	1041.04	1031.32	1020.06	2.78	ppb
Silver	107-1	1.62	1.62	1.56	1.60	2.04	ppb
Silver	109-1	1.58	1.59	1.62	1.60	1.46	ppb
Sodium	23-2	78911.67	81974.49	80808.55	80564.90	1.92	ppb
Strontium	86-1	327.31	319.33	329.85	325.50	1.69	ppb
Strontium	88-1	328.20	320.64	318.12	322.32	1.63	ppb
Sulfur	34-1	11505.34	11477.94	11900.98	11628.09	2.04	ppb
Terbium	159-1				122		%
Terbium	159-2				111		%
Thallium	203-1	0.10	0.13	0.17	0.13	29.51	ppb
Thallium	205-1	0.14	0.12	0.18	0.15	18.57	ppb
Tin	118-1	90.89	95.51	91.12	92.51	2.82	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-10	Instrumnet Name :	P8
Client Sample ID :	MH1JC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:53:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	192.96	196.00	198.88	195.95	1.51	ppb
Uranium	238-1	1.80	1.84	1.81	1.82	1.21	ppb
Vanadium	51-2	31.16	30.59	31.17	30.97	1.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				111		%
Zinc	66-2	1269.75	1304.54	1269.67	1281.32	1.57	ppb
Zirconium	90-1	3.30	3.23	3.65	3.39	6.66	ppb
Zirconium	91-1	3.14	3.88	4.06	3.69	13.08	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-11	Instrumnet Name :	P8
Client Sample ID :	MH1JC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:56:24	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6254.50	6278.32	6204.70	6245.84	0.60	ppb
Antimony	121-1	24.04	22.32	22.35	22.91	4.30	ppb
Arsenic	75-2	7.00	7.15	6.52	6.89	4.78	ppb
Barium	135-1	260.36	243.99	236.59	246.98	4.92	ppb
Barium	137-1	266.13	243.37	246.35	251.95	4.91	ppb
Beryllium	9-1	0.61	0.67	0.57	0.62	7.58	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	10-1	152.95	158.26	156.96	156.06	1.78	ppb
Boron	11-1	153.75	155.22	149.60	152.86	1.91	ppb
Bromine	81-1						cps
Cadmium	111-1	2.67	2.55	2.37	2.53	5.97	ppb
Cadmium	106-1	6.70	5.51	5.53	5.91	11.52	ppb
Cadmium	108-1	4.36	2.96	3.02	3.45	23.05	ppb
Calcium	43-1	158603.54	150970.40	149585.21	153053.05	3.17	ppb
Calcium	44-1	156280.84	146178.45	151119.63	151192.97	3.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.42	39.17	38.95	39.18	0.60	ppb
Cobalt	59-2	7.76	7.64	7.61	7.67	1.04	ppb
Copper	63-2	162.77	161.72	162.20	162.23	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	54-2	14047.45	13728.49	13685.96	13820.63	1.43	ppb
Iron	56-2	13827.70	13645.67	13840.84	13771.40	0.79	ppb
Iron	57-2	13559.47	13699.05	13485.68	13581.40	0.80	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-11	Instrumnet Name :	P8
Client Sample ID :	MH1JC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:56:24	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	111.84	99.53	102.70	104.69	6.10	ppb
Lead	207-1	108.48	97.50	96.91	100.96	6.46	ppb
Lead	208-1	107.79	98.93	100.44	102.39	4.63	ppb
Lithium	6-1				116		%
Magnesium	24-2	15963.22	15489.77	15917.95	15790.31	1.65	ppb
Manganese	55-2	547.62	549.78	549.77	549.06	0.23	ppb
Molybdenum	94-1	12.66	11.43	10.82	11.64	8.09	ppb
Molybdenum	95-1	2.96	2.97	2.91	2.95	1.07	ppb
Molybdenum	96-1	4.02	3.77	3.83	3.87	3.36	ppb
Molybdenum	97-1	3.12	2.82	2.85	2.93	5.70	ppb
Molybdenum	98-1	3.05	2.89	2.86	2.93	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.61	29.18	29.03	29.27	1.04	ppb
Phosphorus	31-2	6100.73	6146.37	6067.27	6104.79	0.65	ppb
Potassium	39-2	17566.99	17466.85	17422.29	17485.37	0.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	0.97	0.48	0.01	0.49	98.32	ppb
Selenium	77-2	10.14	15.14	14.12	13.13	20.13	ppb
Selenium	78-2	4.40	5.12	4.14	4.55	11.16	ppb
Silicon	28-1	702.33	658.61	676.81	679.25	3.23	ppb
Silver	107-1	2.03	1.85	1.91	1.93	4.89	ppb
Silver	109-1	1.93	1.99	1.85	1.92	3.44	ppb
Sodium	23-2	90526.06	91619.51	89424.72	90523.43	1.21	ppb
Strontium	86-1	313.35	297.55	292.28	301.06	3.64	ppb
Strontium	88-1	317.36	299.39	299.52	305.42	3.38	ppb
Sulfur	34-1	20503.92	18397.74	19298.17	19399.94	5.45	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.12	0.09	0.11	0.11	14.39	ppb
Thallium	205-1	0.14	0.09	0.11	0.11	22.56	ppb
Tin	118-1	92.07	87.94	86.15	88.72	3.42	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-11	Instrumnet Name :	P8
Client Sample ID :	MH1JC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:56:24	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	151.54	145.07	144.52	147.04	2.66	ppb
Uranium	238-1	2.84	2.58	2.72	2.71	4.79	ppb
Vanadium	51-2	19.66	19.37	19.84	19.62	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	891.84	895.41	894.77	894.01	0.21	ppb
Zirconium	90-1	4.80	4.54	4.88	4.74	3.76	ppb
Zirconium	91-1	4.70	4.58	4.79	4.69	2.20	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-12	Instrumnet Name :	P8
Client Sample ID :	MH1JD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:59:22	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5072.52	5169.85	4435.57	4892.64	8.15	ppb
Antimony	121-1	17.72	19.61	18.94	18.76	5.12	ppb
Arsenic	75-2	5.96	6.02	5.47	5.82	5.16	ppb
Barium	135-1	172.40	196.26	185.70	184.79	6.47	ppb
Barium	137-1	182.75	196.67	188.91	189.44	3.68	ppb
Beryllium	9-1	0.51	0.55	0.48	0.51	6.28	ppb
Bismuth	209-1				116		%
Bismuth	209-2				113		%
Boron	10-1	123.82	129.83	135.52	129.72	4.51	ppb
Boron	11-1	117.44	131.15	133.02	127.20	6.69	ppb
Bromine	81-1						cps
Cadmium	111-1	1.60	1.87	1.69	1.72	7.86	ppb
Cadmium	106-1	3.21	5.44	3.62	4.09	29.07	ppb
Cadmium	108-1	2.22	2.60	2.94	2.59	13.94	ppb
Calcium	43-1	132238.85	140809.41	143049.50	138699.25	4.11	ppb
Calcium	44-1	128958.13	142960.28	140008.90	137309.10	5.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.64	31.67	26.93	30.08	9.07	ppb
Cobalt	59-2	6.02	6.26	5.29	5.86	8.61	ppb
Copper	63-2	137.82	141.30	121.56	133.56	7.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-2	11553.18	11762.53	9955.84	11090.51	8.91	ppb
Iron	56-2	11407.76	11754.92	10073.03	11078.57	8.02	ppb
Iron	57-2	11476.62	11631.38	10108.85	11072.28	7.57	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-12	Instrumnet Name :	P8
Client Sample ID :	MH1JD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:59:22	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	72.10	78.79	84.27	78.39	7.78	ppb
Lead	207-1	73.32	82.01	80.80	78.71	5.98	ppb
Lead	208-1	73.49	79.01	81.18	77.89	5.08	ppb
Lithium	6-1				117		%
Magnesium	24-2	14648.87	14770.03	12964.59	14127.83	7.14	ppb
Manganese	55-2	440.44	454.60	392.07	429.04	7.64	ppb
Molybdenum	94-1	8.94	9.66	9.86	9.49	5.15	ppb
Molybdenum	95-1	2.45	2.59	2.43	2.49	3.44	ppb
Molybdenum	96-1	2.91	3.44	3.48	3.28	9.66	ppb
Molybdenum	97-1	2.26	2.68	2.77	2.57	10.62	ppb
Molybdenum	98-1	2.40	2.66	2.56	2.54	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.32	40.73	34.05	38.03	9.25	ppb
Phosphorus	31-2	5516.44	5479.84	4909.95	5302.08	6.41	ppb
Potassium	39-2	14200.68	14801.99	12516.60	13839.75	8.56	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	0.76	0.36	0.30	0.47	52.94	ppb
Selenium	77-2	18.15	12.68	9.84	13.56	31.16	ppb
Selenium	78-2	4.30	4.06	2.60	3.65	25.07	ppb
Silicon	28-1	543.14	625.84	638.60	602.52	8.60	ppb
Silver	107-1	2.36	2.70	2.51	2.52	6.73	ppb
Silver	109-1	2.46	2.74	2.63	2.61	5.26	ppb
Sodium	23-2	103777.02	105773.92	90133.30	99894.74	8.52	ppb
Strontium	86-1	235.37	266.77	259.88	254.01	6.50	ppb
Strontium	88-1	239.31	260.43	252.42	250.72	4.25	ppb
Sulfur	34-1	17203.01	20967.50	20725.12	19631.88	10.73	ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	0.07	0.10	0.06	0.08	24.43	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	9.97	ppb
Tin	118-1	78.08	85.50	86.74	83.44	5.61	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-12	Instrumnet Name :	P8
Client Sample ID :	MH1JD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:59:22	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	116.20	130.99	131.61	126.27	6.91	ppb
Uranium	238-1	2.42	2.60	2.74	2.59	6.24	ppb
Vanadium	51-2	15.09	15.57	12.96	14.54	9.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	700.54	714.83	615.46	676.94	7.94	ppb
Zirconium	90-1	3.64	4.01	4.07	3.91	5.97	ppb
Zirconium	91-1	3.86	4.22	3.98	4.02	4.53	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-13	Instrumnet Name :	P8
Client Sample ID :	MH1JD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:02:17	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4312.48	4321.84	4409.17	4347.83	1.23	ppb
Antimony	121-1	7.29	7.82	7.24	7.45	4.29	ppb
Arsenic	75-2	5.17	4.88	5.12	5.06	3.14	ppb
Barium	135-1	180.17	195.40	176.06	183.88	5.54	ppb
Barium	137-1	187.49	192.70	177.36	185.85	4.20	ppb
Beryllium	9-1	0.35	0.37	0.37	0.36	3.96	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	160.63	172.41	185.06	172.70	7.07	ppb
Boron	11-1	161.38	173.53	180.29	171.73	5.58	ppb
Bromine	81-1						cps
Cadmium	111-1	2.95	3.23	3.11	3.10	4.51	ppb
Cadmium	106-1	8.68	8.04	8.59	8.43	4.12	ppb
Cadmium	108-1	3.87	2.75	3.74	3.45	17.82	ppb
Calcium	43-1	265047.20	279991.59	260385.04	268474.61	3.82	ppb
Calcium	44-1	259508.63	276654.52	262341.18	266168.11	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.84	31.20	32.02	31.36	1.92	ppb
Cobalt	59-2	6.51	6.50	6.56	6.52	0.54	ppb
Copper	63-2	114.06	116.53	117.45	116.02	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	10570.43	10488.00	10861.68	10640.04	1.85	ppb
Iron	56-2	10182.67	10665.23	10807.98	10551.96	3.11	ppb
Iron	57-2	10506.59	10647.20	10904.23	10686.01	1.89	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-13	Instrumnet Name :	P8
Client Sample ID :	MH1JD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:02:17	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	107.76	114.31	111.58	111.21	2.96	ppb
Lead	207-1	103.35	112.33	106.84	107.51	4.21	ppb
Lead	208-1	104.92	111.62	108.04	108.19	3.10	ppb
Lithium	6-1				114		%
Magnesium	24-2	10195.55	9721.42	10120.35	10012.44	2.55	ppb
Manganese	55-2	421.12	429.63	433.03	427.93	1.43	ppb
Molybdenum	94-1	15.18	16.66	15.66	15.83	4.79	ppb
Molybdenum	95-1	2.26	2.52	2.34	2.37	5.66	ppb
Molybdenum	96-1	3.76	4.12	3.88	3.92	4.64	ppb
Molybdenum	97-1	2.12	2.44	2.26	2.28	6.95	ppb
Molybdenum	98-1	2.27	2.40	2.26	2.31	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.12	23.02	23.76	23.30	1.73	ppb
Phosphorus	31-2	7815.02	7970.78	8205.01	7996.94	2.45	ppb
Potassium	39-2	13845.19	13937.09	14143.35	13975.21	1.09	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	0.54	0.17	1.51	0.74	93.68	ppb
Selenium	77-2	9.82	4.53	5.68	6.68	41.71	ppb
Selenium	78-2	1.84	1.00	2.52	1.78	42.57	ppb
Silicon	28-1	684.32	734.97	686.85	702.05	4.07	ppb
Silver	107-1	1.29	1.31	1.20	1.27	4.58	ppb
Silver	109-1	1.29	1.33	1.11	1.24	9.59	ppb
Sodium	23-2	131222.56	124543.63	130742.39	128836.19	2.89	ppb
Strontium	86-1	503.50	522.16	517.04	514.23	1.88	ppb
Strontium	88-1	513.54	519.14	501.98	511.55	1.71	ppb
Sulfur	34-1	33289.39	35398.11	32406.78	33698.09	4.56	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.08	0.05	0.06	28.79	ppb
Thallium	205-1	0.05	0.09	0.03	0.05	56.87	ppb
Tin	118-1	73.86	76.54	70.99	73.80	3.76	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-13	Instrumnet Name :	P8
Client Sample ID :	MH1JD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:02:17	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	132.27	135.29	131.95	133.17	1.38	ppb
Uranium	238-1	1.10	1.13	1.12	1.12	1.31	ppb
Vanadium	51-2	15.10	15.34	15.59	15.34	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	668.18	671.17	679.74	673.03	0.89	ppb
Zirconium	90-1	7.44	9.23	7.45	8.04	12.77	ppb
Zirconium	91-1	7.15	7.51	7.19	7.28	2.70	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-14	Instrumnet Name :	P8
Client Sample ID :	MH1JD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:05:15	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4722.20	4721.64	4620.10	4687.98	1.25	ppb
Antimony	121-1	3.54	3.57	3.40	3.50	2.66	ppb
Arsenic	75-2	5.92	5.91	5.27	5.70	6.48	ppb
Barium	135-1	165.63	169.53	169.43	168.20	1.32	ppb
Barium	137-1	166.95	178.01	170.83	171.93	3.26	ppb
Beryllium	9-1	0.57	0.55	0.56	0.56	1.75	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	71.16	73.44	73.47	72.69	1.82	ppb
Boron	11-1	69.16	70.41	72.98	70.85	2.75	ppb
Bromine	81-1						cps
Cadmium	111-1	1.98	2.17	1.89	2.01	7.06	ppb
Cadmium	106-1	3.24	5.74	3.26	4.08	35.33	ppb
Cadmium	108-1	1.65	1.71	3.03	2.13	36.64	ppb
Calcium	43-1	71896.76	69099.50	72545.17	71180.48	2.57	ppb
Calcium	44-1	70126.54	68849.33	70831.96	69935.94	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.42	21.95	21.23	21.54	1.73	ppb
Cobalt	59-2	3.70	3.79	3.64	3.71	2.03	ppb
Copper	63-2	82.32	83.62	80.57	82.17	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	10287.69	10315.95	10079.76	10227.80	1.26	ppb
Iron	56-2	10214.39	10182.01	9926.16	10107.52	1.56	ppb
Iron	57-2	10101.01	10271.07	9886.59	10086.22	1.91	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-14	Instrumnet Name :	P8
Client Sample ID :	MH1JD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:05:15	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	164.04	165.00	166.08	165.04	0.62	ppb
Lead	207-1	165.12	165.34	161.87	164.11	1.18	ppb
Lead	208-1	162.65	162.22	161.82	162.23	0.26	ppb
Lithium	6-1				118		%
Magnesium	24-2	15969.24	16592.85	15803.51	16121.86	2.58	ppb
Manganese	55-2	365.80	363.51	357.11	362.14	1.24	ppb
Molybdenum	94-1	6.01	5.95	5.54	5.83	4.38	ppb
Molybdenum	95-1	2.24	2.06	1.88	2.06	8.67	ppb
Molybdenum	96-1	2.62	2.67	2.35	2.55	6.77	ppb
Molybdenum	97-1	2.17	2.17	1.95	2.10	5.94	ppb
Molybdenum	98-1	2.12	2.09	1.94	2.05	4.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.17	17.25	17.13	17.52	3.25	ppb
Phosphorus	31-2	3801.58	3677.64	3811.87	3763.69	1.98	ppb
Potassium	39-2	11548.74	11090.05	11126.68	11255.16	2.26	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				107		%
Selenium	82-1	0.77	0.17	1.05	0.66	67.86	ppb
Selenium	77-2	9.22	8.22	7.17	8.20	12.53	ppb
Selenium	78-2	2.47	4.24	2.02	2.91	40.43	ppb
Silicon	28-1	1102.46	1107.70	1136.40	1115.52	1.64	ppb
Silver	107-1	1.08	1.11	1.06	1.08	2.01	ppb
Silver	109-1	1.19	1.09	1.06	1.11	5.92	ppb
Sodium	23-2	35914.55	35979.39	34301.18	35398.38	2.69	ppb
Strontium	86-1	168.64	167.42	158.87	164.98	3.23	ppb
Strontium	88-1	169.47	168.70	162.29	166.82	2.36	ppb
Sulfur	34-1	9285.25	9277.55	9645.47	9402.76	2.24	ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	0.18	0.14	0.11	0.15	24.18	ppb
Thallium	205-1	0.15	0.13	0.11	0.13	14.49	ppb
Tin	118-1	56.68	55.87	53.68	55.41	2.80	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-14	Instrumnet Name :	P8
Client Sample ID :	MH1JD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:05:15	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	111.09	113.47	112.26	112.27	1.06	ppb
Uranium	238-1	2.42	2.41	2.51	2.45	2.30	ppb
Vanadium	51-2	14.14	14.22	13.78	14.04	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				111		%
Zinc	66-2	801.06	808.91	768.98	792.98	2.67	ppb
Zirconium	90-1	2.17	2.05	2.17	2.13	3.43	ppb
Zirconium	91-1	1.99	1.90	1.96	1.95	2.12	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-15	Instrumnet Name :	P8
Client Sample ID :	MH1JD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:08:10	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5434.88	5535.30	4994.81	5321.67	5.40	ppb
Antimony	121-1	10.75	10.47	10.40	10.54	1.72	ppb
Arsenic	75-2	5.90	5.75	6.07	5.91	2.69	ppb
Barium	135-1	226.41	217.17	231.99	225.19	3.32	ppb
Barium	137-1	227.29	222.23	243.68	231.07	4.85	ppb
Beryllium	9-1	0.44	0.38	0.44	0.42	8.93	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	10-1	184.08	192.04	195.03	190.38	2.97	ppb
Boron	11-1	187.33	189.04	192.73	189.70	1.46	ppb
Bromine	81-1						cps
Cadmium	111-1	2.74	2.69	2.86	2.76	3.23	ppb
Cadmium	106-1	3.28	5.49	5.62	4.80	27.38	ppb
Cadmium	108-1	3.86	3.58	4.05	3.83	6.06	ppb
Calcium	43-1	58124.59	56214.50	58519.67	57619.59	2.14	ppb
Calcium	44-1	57424.50	57052.98	57033.05	57170.18	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.81	87.40	79.66	84.29	4.85	ppb
Cobalt	59-2	4.90	4.92	4.53	4.78	4.66	ppb
Copper	63-2	901.98	915.22	842.04	886.41	4.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	54-2	13546.73	14012.45	12629.48	13396.22	5.25	ppb
Iron	56-2	13152.71	13754.00	12372.14	13092.95	5.29	ppb
Iron	57-2	13062.48	13537.23	12325.33	12975.01	4.71	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-15	Instrumnet Name :	P8
Client Sample ID :	MH1JD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:08:10	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	208.51	193.28	225.29	209.03	7.66	ppb
Lead	207-1	211.66	191.39	217.36	206.80	6.60	ppb
Lead	208-1	212.23	194.98	215.68	207.63	5.34	ppb
Lithium	6-1				119		%
Magnesium	24-2	10625.44	10845.91	9889.40	10453.58	4.79	ppb
Manganese	55-2	379.32	384.74	347.22	370.43	5.47	ppb
Molybdenum	94-1	15.71	14.74	15.76	15.40	3.75	ppb
Molybdenum	95-1	2.02	2.06	2.12	2.06	2.52	ppb
Molybdenum	96-1	3.58	3.48	3.68	3.58	2.92	ppb
Molybdenum	97-1	2.30	2.06	2.13	2.16	5.76	ppb
Molybdenum	98-1	2.13	2.10	2.03	2.09	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.93	126.07	113.60	120.87	5.36	ppb
Phosphorus	31-2	3045.05	2912.56	2620.59	2859.40	7.59	ppb
Potassium	39-2	12047.16	12604.70	11035.18	11895.68	6.69	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	-0.46	0.01	0.86	0.13	501.68	ppb
Selenium	77-2	9.63	9.83	12.54	10.67	15.26	ppb
Selenium	78-2	2.16	4.58	2.31	3.02	44.90	ppb
Silicon	28-1	1008.23	950.36	1009.45	989.35	3.41	ppb
Silver	107-1	1.92	1.94	1.97	1.94	1.46	ppb
Silver	109-1	1.99	1.90	2.15	2.01	6.36	ppb
Sodium	23-2	123581.88	122489.57	116358.00	120809.82	3.22	ppb
Strontium	86-1	133.73	128.59	133.69	132.00	2.24	ppb
Strontium	88-1	134.81	136.91	133.53	135.08	1.26	ppb
Sulfur	34-1	7187.64	6379.49	6975.92	6847.68	6.12	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.10	0.15	0.13	22.92	ppb
Thallium	205-1	0.16	0.12	0.13	0.14	16.72	ppb
Tin	118-1	79.66	77.67	81.13	79.49	2.18	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-15	Instrumnet Name :	P8
Client Sample ID :	MH1JD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:08:10	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	164.22	170.32	165.31	166.62	1.95	ppb
Uranium	238-1	1.60	1.47	1.54	1.54	4.23	ppb
Vanadium	51-2	17.94	18.67	16.29	17.63	6.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				108		%
Zinc	66-2	1527.16	1572.92	1439.30	1513.13	4.49	ppb
Zirconium	90-1	8.03	7.18	7.65	7.62	5.62	ppb
Zirconium	91-1	7.88	7.12	8.53	7.84	8.94	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-16	Instrumnet Name :	P8
Client Sample ID :	MH1JD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:11:09	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5976.97	5840.91	5824.85	5880.91	1.42	ppb
Antimony	121-1	6.88	6.64	7.53	7.02	6.57	ppb
Arsenic	75-2	5.96	6.16	6.13	6.08	1.74	ppb
Barium	135-1	199.19	205.06	246.67	216.98	11.93	ppb
Barium	137-1	194.92	207.64	242.81	215.13	11.53	ppb
Beryllium	9-1	0.73	0.68	0.78	0.73	7.03	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	198.82	207.56	236.88	214.42	9.30	ppb
Boron	11-1	197.20	199.86	237.93	211.66	10.77	ppb
Bromine	81-1						cps
Cadmium	111-1	1.61	1.77	2.30	1.89	18.92	ppb
Cadmium	106-1	1.71	3.44	7.03	4.06	66.74	ppb
Cadmium	108-1	2.97	2.80	3.14	2.97	5.72	ppb
Calcium	43-1	64365.25	63595.70	74015.77	67325.57	8.62	ppb
Calcium	44-1	65247.61	63100.06	70369.23	66238.97	5.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.77	31.18	31.02	30.99	0.67	ppb
Cobalt	59-2	4.87	5.00	4.80	4.89	2.03	ppb
Copper	63-2	213.23	208.21	207.19	209.54	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	54-2	12008.62	11699.68	11761.84	11823.38	1.38	ppb
Iron	56-2	11954.12	11533.94	11613.40	11700.49	1.91	ppb
Iron	57-2	11780.17	11828.97	11530.64	11713.26	1.37	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-16	Instrumnet Name :	P8
Client Sample ID :	MH1JD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:11:09	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	179.12	183.25	185.85	182.74	1.86	ppb
Lead	207-1	178.75	172.34	187.93	179.68	4.36	ppb
Lead	208-1	177.22	176.75	190.19	181.39	4.20	ppb
Lithium	6-1				117		%
Magnesium	24-2	12006.69	11823.69	11753.00	11861.13	1.10	ppb
Manganese	55-2	451.83	439.99	447.97	446.60	1.35	ppb
Molybdenum	94-1	9.27	9.05	9.80	9.37	4.12	ppb
Molybdenum	95-1	2.37	2.48	2.50	2.45	2.85	ppb
Molybdenum	96-1	3.25	3.20	3.45	3.30	3.97	ppb
Molybdenum	97-1	2.26	2.50	2.61	2.46	7.25	ppb
Molybdenum	98-1	2.40	2.49	2.67	2.52	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.58	43.15	44.13	43.95	1.67	ppb
Phosphorus	31-2	4454.33	4230.29	4312.98	4332.54	2.61	ppb
Potassium	39-2	14088.37	13693.88	13884.97	13889.08	1.42	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	-0.04	-0.08	1.45	0.44	196.44	ppb
Selenium	77-2	11.30	13.58	14.67	13.18	13.01	ppb
Selenium	78-2	3.87	3.09	3.05	3.34	13.78	ppb
Silicon	28-1	984.66	966.20	1097.03	1015.97	6.97	ppb
Silver	107-1	1.61	1.65	2.06	1.77	14.08	ppb
Silver	109-1	1.58	1.64	1.88	1.70	9.26	ppb
Sodium	23-2	70833.22	68577.38	68106.68	69172.42	2.11	ppb
Strontium	86-1	171.83	169.77	185.80	175.80	4.96	ppb
Strontium	88-1	174.06	171.43	186.04	177.18	4.39	ppb
Sulfur	34-1	12336.29	11276.94	14700.45	12771.23	13.72	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.12	0.16	0.13	18.69	ppb
Thallium	205-1	0.11	0.12	0.14	0.12	11.27	ppb
Tin	118-1	73.53	71.47	84.74	76.58	9.32	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-16	Instrumnet Name :	P8
Client Sample ID :	MH1JD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:11:09	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	176.63	173.34	191.64	180.54	5.40	ppb
Uranium	238-1	2.25	2.14	2.33	2.24	4.24	ppb
Vanadium	51-2	17.46	16.63	16.84	16.98	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	1512.12	1476.83	1470.19	1486.38	1.52	ppb
Zirconium	90-1	3.99	3.93	4.36	4.09	5.67	ppb
Zirconium	91-1	3.84	3.94	4.19	3.99	4.44	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-17	Instrumnet Name :	P8
Client Sample ID :	MH1JD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:14:05	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14263.65	14086.65	13750.43	14033.58	1.86	ppb
Antimony	121-1	3.42	3.50	3.82	3.58	5.89	ppb
Arsenic	75-2	3.23	3.10	3.38	3.24	4.35	ppb
Barium	135-1	96.32	94.10	101.73	97.38	4.03	ppb
Barium	137-1	96.58	99.45	102.44	99.49	2.94	ppb
Beryllium	9-1	0.20	0.23	0.21	0.21	7.77	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	131.92	131.07	135.13	132.70	1.61	ppb
Boron	11-1	130.73	127.58	134.33	130.88	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	1.33	1.42	1.61	1.45	9.86	ppb
Cadmium	106-1	2.84	4.91	4.38	4.04	26.58	ppb
Cadmium	108-1	2.65	2.25	2.32	2.40	9.03	ppb
Calcium	43-1	125194.18	120526.38	130472.48	125397.68	3.97	ppb
Calcium	44-1	120470.73	121427.75	125780.21	122559.56	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.47	22.89	22.19	22.85	2.80	ppb
Cobalt	59-2	1.91	1.87	1.80	1.86	3.10	ppb
Copper	63-2	150.70	148.96	143.99	147.88	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	4469.38	4389.85	4337.49	4398.91	1.51	ppb
Iron	56-2	4448.12	4441.73	4272.34	4387.40	2.27	ppb
Iron	57-2	4609.51	4433.92	4347.42	4463.62	2.99	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-17	Instrumnet Name :	P8
Client Sample ID :	MH1JD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:14:05	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	123.69	126.07	138.88	129.55	6.31	ppb
Lead	207-1	123.71	130.99	134.48	129.73	4.24	ppb
Lead	208-1	122.74	125.46	133.26	127.15	4.30	ppb
Lithium	6-1				117		%
Magnesium	24-2	10303.07	10277.41	10040.78	10207.08	1.42	ppb
Manganese	55-2	147.35	149.53	143.41	146.76	2.11	ppb
Molybdenum	94-1	8.81	8.82	9.84	9.16	6.43	ppb
Molybdenum	95-1	2.11	2.20	2.15	2.15	2.09	ppb
Molybdenum	96-1	2.96	2.85	2.79	2.86	2.97	ppb
Molybdenum	97-1	2.19	2.11	2.40	2.24	6.60	ppb
Molybdenum	98-1	2.12	2.09	2.27	2.16	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.89	17.61	16.74	17.41	3.42	ppb
Phosphorus	31-2	5777.71	5601.38	5685.71	5688.27	1.55	ppb
Potassium	39-2	10176.85	10049.94	9689.28	9972.02	2.54	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	-0.21	-0.06	1.99	0.57	215.08	ppb
Selenium	77-2	2.58	3.62	4.64	3.61	28.44	ppb
Selenium	78-2	2.34	2.65	0.59	1.86	59.79	ppb
Silicon	28-1	910.63	947.60	965.42	941.22	2.97	ppb
Silver	107-1	0.64	0.60	0.72	0.65	9.32	ppb
Silver	109-1	0.66	0.59	0.57	0.61	8.00	ppb
Sodium	23-2	27465.90	28162.03	26831.88	27486.61	2.42	ppb
Strontium	86-1	180.31	183.35	190.27	184.64	2.76	ppb
Strontium	88-1	181.02	183.37	191.27	185.22	2.90	ppb
Sulfur	34-1	6851.87	7407.94	8408.67	7556.16	10.44	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.00	0.00	0.01	155.17	ppb
Thallium	205-1	0.02	0.05	0.03	0.03	46.25	ppb
Tin	118-1	87.12	95.93	94.65	92.57	5.14	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-17	Instrumnet Name :	P8
Client Sample ID :	MH1JD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:14:05	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	48.46	51.40	50.16	50.01	2.95	ppb
Uranium	238-1	1.22	1.25	1.38	1.28	6.93	ppb
Vanadium	51-2	6.95	6.97	6.47	6.80	4.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	744.88	738.76	708.48	730.71	2.67	ppb
Zirconium	90-1	3.87	3.77	4.03	3.89	3.33	ppb
Zirconium	91-1	3.42	3.40	4.12	3.64	11.23	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-18	Instrumnet Name :	P8
Client Sample ID :	MH1JD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:17:03	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6779.58	6853.24	7244.96	6959.26	3.59	ppb
Antimony	121-1	8.14	8.26	8.62	8.34	3.00	ppb
Arsenic	75-2	10.68	10.64	11.87	11.06	6.30	ppb
Barium	135-1	209.45	210.95	223.93	214.78	3.71	ppb
Barium	137-1	210.84	216.78	227.55	218.39	3.88	ppb
Beryllium	9-1	0.61	0.58	0.60	0.59	2.58	ppb
Bismuth	209-1				115		%
Bismuth	209-2				101		%
Boron	10-1	770.50	803.42	857.88	810.60	5.44	ppb
Boron	11-1	730.58	793.27	857.25	793.70	7.98	ppb
Bromine	81-1						cps
Cadmium	111-1	5.88	6.08	5.80	5.92	2.47	ppb
Cadmium	106-1	11.45	12.68	10.18	11.44	10.92	ppb
Cadmium	108-1	8.15	8.33	9.28	8.59	7.09	ppb
Calcium	43-1	147915.43	158397.64	162419.49	156244.19	4.79	ppb
Calcium	44-1	149435.49	157674.92	162990.77	156700.39	4.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.53	74.89	80.71	77.38	3.88	ppb
Cobalt	59-2	6.76	6.94	7.28	6.99	3.80	ppb
Copper	63-2	368.18	363.44	395.64	375.75	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				114		%
Indium	115-2				99		%
Iron	54-2	20316.98	19487.00	21703.50	20502.50	5.46	ppb
Iron	56-2	19389.96	19204.01	20705.60	19766.52	4.14	ppb
Iron	57-2	19297.34	19236.26	20594.18	19709.26	3.89	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-18	Instrumnet Name :	P8
Client Sample ID :	MH1JD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:17:03	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	121.90	128.30	128.50	126.23	2.98	ppb
Lead	207-1	117.68	126.17	122.61	122.15	3.49	ppb
Lead	208-1	118.95	125.16	126.30	123.47	3.20	ppb
Lithium	6-1				116		%
Magnesium	24-2	35513.30	35565.84	37905.13	36328.09	3.76	ppb
Manganese	55-2	881.73	896.71	965.57	914.67	4.89	ppb
Molybdenum	94-1	11.32	11.96	11.59	11.62	2.74	ppb
Molybdenum	95-1	4.52	4.82	5.15	4.83	6.58	ppb
Molybdenum	96-1	5.17	5.90	5.51	5.53	6.56	ppb
Molybdenum	97-1	4.26	4.65	4.87	4.59	6.76	ppb
Molybdenum	98-1	4.54	4.88	4.93	4.79	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.98	35.85	38.22	36.69	3.63	ppb
Phosphorus	31-2	6467.03	6177.99	6926.73	6523.92	5.79	ppb
Potassium	39-2	6446.00	6430.46	6900.14	6592.20	4.05	ppb
Rhodium	103-1				113		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				102		%
Selenium	82-1	1.66	1.30	1.08	1.35	21.61	ppb
Selenium	77-2	12.73	9.50	11.88	11.37	14.74	ppb
Selenium	78-2	4.18	4.45	3.47	4.03	12.49	ppb
Silicon	28-1	976.50	1035.19	1115.20	1042.30	6.68	ppb
Silver	107-1	1.93	2.00	1.92	1.95	2.11	ppb
Silver	109-1	2.03	1.88	2.10	2.01	5.46	ppb
Sodium	23-2	78706.17	82643.99	86244.23	82531.46	4.57	ppb
Strontium	86-1	275.94	286.15	289.35	283.81	2.47	ppb
Strontium	88-1	272.25	289.47	294.16	285.30	4.04	ppb
Sulfur	34-1	47792.34	52696.40	52367.00	50951.91	5.38	ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.19	0.21	0.19	0.20	6.97	ppb
Thallium	205-1	0.17	0.20	0.19	0.19	10.37	ppb
Tin	118-1	113.37	114.12	120.51	116.00	3.38	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-18	Instrumnet Name :	P8
Client Sample ID :	MH1JD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:17:03	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	251.59	260.63	263.22	258.48	2.36	ppb
Uranium	238-1	2.06	2.08	2.14	2.09	2.19	ppb
Vanadium	51-2	29.22	29.79	32.14	30.38	5.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				103		%
Zinc	66-2	5259.43	5231.90	5609.03	5366.79	3.92	ppb
Zirconium	90-1	3.83	3.94	4.12	3.96	3.75	ppb
Zirconium	91-1	4.06	4.12	4.32	4.17	3.30	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-19	Instrumnet Name :	P8
Client Sample ID :	MH1JD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:19:57	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7684.58	7567.92	7587.23	7613.25	0.82	ppb
Antimony	121-1	13.79	12.98	11.45	12.74	9.33	ppb
Arsenic	75-2	9.41	9.12	9.77	9.44	3.45	ppb
Barium	135-1	367.72	336.38	294.76	332.96	10.99	ppb
Barium	137-1	375.86	337.81	295.90	336.52	11.89	ppb
Beryllium	9-1	0.63	0.58	0.47	0.56	15.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	224.54	211.68	183.46	206.56	10.17	ppb
Boron	11-1	225.03	206.11	184.49	205.21	9.89	ppb
Bromine	81-1						cps
Cadmium	111-1	5.78	5.08	4.45	5.10	13.06	ppb
Cadmium	106-1	15.11	13.61	7.01	11.91	36.16	ppb
Cadmium	108-1	8.73	9.17	7.32	8.41	11.47	ppb
Calcium	43-1	143596.22	134600.76	125933.01	134710.00	6.56	ppb
Calcium	44-1	142400.97	130727.91	122126.75	131751.88	7.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.03	99.95	101.06	100.68	0.63	ppb
Cobalt	59-2	6.88	6.78	6.77	6.81	0.95	ppb
Copper	63-2	202.00	199.97	204.68	202.21	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	20775.08	20833.64	20322.37	20643.70	1.36	ppb
Iron	56-2	20911.19	19526.90	20178.84	20205.65	3.43	ppb
Iron	57-2	19622.01	18949.02	19965.18	19512.07	2.65	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-19	Instrumnet Name :	P8
Client Sample ID :	MH1JD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:19:57	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	148.37	134.66	122.79	135.28	9.46	ppb
Lead	207-1	143.70	133.08	121.04	132.60	8.55	ppb
Lead	208-1	143.54	131.98	119.40	131.64	9.17	ppb
Lithium	6-1				110		%
Magnesium	24-2	15376.28	14795.09	14658.25	14943.21	2.55	ppb
Manganese	55-2	1094.13	1057.11	1071.46	1074.23	1.74	ppb
Molybdenum	94-1	18.21	16.47	16.01	16.90	6.88	ppb
Molybdenum	95-1	6.56	5.98	5.50	6.01	8.81	ppb
Molybdenum	96-1	8.08	7.22	6.74	7.35	9.27	ppb
Molybdenum	97-1	6.61	6.46	5.77	6.28	7.12	ppb
Molybdenum	98-1	6.53	6.03	5.77	6.11	6.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.52	43.63	42.63	43.26	1.26	ppb
Phosphorus	31-2	2288.22	2235.61	2138.86	2220.90	3.41	ppb
Potassium	39-2	6980.22	6890.33	7002.32	6957.62	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	3.45	2.88	3.29	3.21	9.25	ppb
Selenium	77-2	6.47	7.30	11.77	8.51	33.48	ppb
Selenium	78-2	5.19	4.99	5.22	5.13	2.46	ppb
Silicon	28-1	1228.83	1085.84	1005.18	1106.62	10.24	ppb
Silver	107-1	2.92	2.73	2.27	2.64	12.68	ppb
Silver	109-1	2.85	2.73	2.31	2.63	10.72	ppb
Sodium	23-2	24013.85	23898.95	23938.44	23950.41	0.24	ppb
Strontium	86-1	336.18	312.81	296.40	315.13	6.34	ppb
Strontium	88-1	344.20	312.07	286.92	314.40	9.13	ppb
Sulfur	34-1	23108.85	19641.13	17077.16	19942.38	15.18	ppb
Terbium	159-1				104		%
Terbium	159-2				111		%
Thallium	203-1	0.20	0.14	0.14	0.16	21.18	ppb
Thallium	205-1	0.18	0.16	0.15	0.16	10.35	ppb
Tin	118-1	38.94	35.84	32.05	35.61	9.70	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-19	Instrumnet Name :	P8
Client Sample ID :	MH1JD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:19:57	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	311.27	278.51	257.32	282.36	9.63	ppb
Uranium	238-1	2.15	1.94	1.75	1.95	10.35	ppb
Vanadium	51-2	34.05	32.88	33.16	33.37	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	1737.63	1717.55	1695.56	1716.91	1.23	ppb
Zirconium	90-1	7.24	6.34	5.91	6.50	10.43	ppb
Zirconium	91-1	6.55	6.36	5.86	6.26	5.65	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20	Instrumnet Name :	P8
Client Sample ID :	MH1JE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:22:54	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18683.11	18447.51	18662.96	18597.86	0.70	ppb
Antimony	121-1	11.24	10.57	11.03	10.94	3.14	ppb
Arsenic	75-2	28.63	28.89	28.65	28.73	0.51	ppb
Barium	135-1	676.70	643.73	664.58	661.67	2.52	ppb
Barium	137-1	694.13	642.36	677.38	671.29	3.94	ppb
Beryllium	9-1	1.47	1.29	1.34	1.36	6.72	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	1646.07	1643.20	1761.64	1683.64	4.01	ppb
Boron	11-1	1475.40	1468.67	1522.45	1488.84	1.97	ppb
Bromine	81-1						cps
Cadmium	111-1	17.59	16.72	17.31	17.21	2.57	ppb
Cadmium	106-1	23.90	21.75	23.43	23.03	4.90	ppb
Cadmium	108-1	19.41	18.54	21.68	19.88	8.13	ppb
Calcium	43-1	169079.32	157715.69	157367.23	161387.42	4.13	ppb
Calcium	44-1	168152.08	152416.09	157914.49	159494.22	5.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	437.03	431.07	431.16	433.09	0.79	ppb
Cobalt	59-2	14.04	13.73	14.23	14.00	1.78	ppb
Copper	63-2	310.70	311.57	309.14	310.47	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	54-2	58702.53	57194.89	59327.58	58408.33	1.88	ppb
Iron	56-2	57876.39	56738.77	55713.51	56776.22	1.91	ppb
Iron	57-2	59318.85	58728.19	57709.84	58585.63	1.39	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20	Instrumnet Name :	P8
Client Sample ID :	MH1JE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:22:54	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	286.96	270.07	279.33	278.79	3.03	ppb
Lead	207-1	283.37	258.66	270.94	270.99	4.56	ppb
Lead	208-1	284.31	260.20	271.91	272.14	4.43	ppb
Lithium	6-1				117		%
Magnesium	24-2	26599.46	25901.58	26331.14	26277.40	1.34	ppb
Manganese	55-2	4279.53	4120.42	4163.17	4187.71	1.97	ppb
Molybdenum	94-1	29.78	27.49	29.48	28.92	4.31	ppb
Molybdenum	95-1	15.01	13.96	14.46	14.48	3.62	ppb
Molybdenum	96-1	16.81	15.46	16.18	16.15	4.16	ppb
Molybdenum	97-1	15.34	14.05	15.15	14.85	4.69	ppb
Molybdenum	98-1	14.57	13.62	14.19	14.13	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.00	93.81	94.97	94.93	1.15	ppb
Phosphorus	31-2	3382.89	3328.05	3216.29	3309.07	2.57	ppb
Potassium	39-2	10199.79	10026.39	10187.89	10138.02	0.96	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				103		%
Selenium	82-1	5.76	5.44	6.09	5.77	5.63	ppb
Selenium	77-2	23.66	27.10	34.58	28.45	19.64	ppb
Selenium	78-2	7.86	10.79	8.38	9.01	17.35	ppb
Silicon	28-1	2926.99	2680.63	2559.50	2722.37	6.88	ppb
Silver	107-1	3.57	3.34	3.59	3.50	4.08	ppb
Silver	109-1	3.75	3.21	3.55	3.50	7.80	ppb
Sodium	23-2	99964.37	100081.67	96952.63	98999.56	1.79	ppb
Strontium	86-1	637.64	593.30	623.73	618.22	3.67	ppb
Strontium	88-1	648.91	580.26	597.23	608.80	5.87	ppb
Sulfur	34-1	22310.33	18882.11	17334.00	19508.81	13.05	ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.54	0.59	0.53	0.55	5.76	ppb
Thallium	205-1	0.58	0.52	0.61	0.57	8.03	ppb
Tin	118-1	79.36	73.28	77.13	76.59	4.01	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20	Instrumnet Name :	P8
Client Sample ID :	MH1JE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:22:54	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	622.31	570.80	562.77	585.29	5.52	ppb
Uranium	238-1	3.86	3.50	3.77	3.71	5.11	ppb
Vanadium	51-2	101.57	101.44	101.15	101.39	0.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	2708.24	2704.16	2737.46	2716.62	0.67	ppb
Zirconium	90-1	9.02	8.64	9.08	8.91	2.70	ppb
Zirconium	91-1	8.87	8.47	8.75	8.69	2.34	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-21	Instrumnet Name :	P8
Client Sample ID :	MH1JE3D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:25:48	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19048.83	18856.09	18548.35	18817.76	1.34	ppb
Antimony	121-1	10.35	10.30	10.05	10.23	1.60	ppb
Arsenic	75-2	28.18	27.75	27.16	27.69	1.85	ppb
Barium	135-1	641.58	661.62	675.96	659.72	2.62	ppb
Barium	137-1	666.11	668.63	662.42	665.72	0.47	ppb
Beryllium	9-1	1.26	1.32	1.31	1.29	2.61	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	1620.40	1747.50	1794.76	1720.89	5.24	ppb
Boron	11-1	1468.55	1508.97	1634.71	1537.41	5.64	ppb
Bromine	81-1						cps
Cadmium	111-1	15.76	16.40	16.37	16.17	2.23	ppb
Cadmium	106-1	20.02	20.56	24.72	21.77	11.80	ppb
Cadmium	108-1	17.48	16.23	16.81	16.84	3.71	ppb
Calcium	43-1	161466.53	176298.21	168969.38	168911.37	4.39	ppb
Calcium	44-1	161429.72	169700.25	168879.87	166669.95	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	633.66	643.44	631.51	636.20	1.00	ppb
Cobalt	59-2	13.74	13.46	13.28	13.49	1.73	ppb
Copper	63-2	306.51	310.51	301.71	306.24	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	61684.51	63322.08	62287.45	62431.35	1.33	ppb
Iron	56-2	61977.48	60941.47	60113.00	61010.65	1.53	ppb
Iron	57-2	61352.67	62219.02	59746.22	61105.97	2.05	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-21	Instrumnet Name :	P8
Client Sample ID :	MH1JE3D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:25:48	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	269.45	275.49	267.00	270.65	1.61	ppb
Lead	207-1	269.48	279.18	257.18	268.61	4.10	ppb
Lead	208-1	265.75	276.82	262.50	268.36	2.80	ppb
Lithium	6-1				120		%
Magnesium	24-2	26467.99	26789.99	26734.20	26664.06	0.65	ppb
Manganese	55-2	5248.34	5287.05	5204.63	5246.67	0.79	ppb
Molybdenum	94-1	27.80	28.84	28.53	28.39	1.88	ppb
Molybdenum	95-1	14.08	14.80	14.55	14.48	2.52	ppb
Molybdenum	96-1	15.86	16.73	15.79	16.13	3.25	ppb
Molybdenum	97-1	14.74	14.94	14.94	14.87	0.76	ppb
Molybdenum	98-1	14.22	14.31	14.50	14.34	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.78	90.64	88.31	89.91	1.54	ppb
Phosphorus	31-2	3306.17	3263.03	3494.89	3354.70	3.68	ppb
Potassium	39-2	9654.15	9515.07	9483.77	9551.00	0.95	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	82-1	3.42	5.75	5.35	4.84	25.80	ppb
Selenium	77-2	24.48	25.88	33.92	28.09	18.14	ppb
Selenium	78-2	10.51	8.68	5.15	8.12	33.57	ppb
Silicon	28-1	2659.79	2737.37	2596.56	2664.58	2.65	ppb
Silver	107-1	3.55	3.45	3.49	3.50	1.55	ppb
Silver	109-1	3.37	3.37	3.45	3.39	1.34	ppb
Sodium	23-2	96485.87	97203.22	93765.18	95818.09	1.89	ppb
Strontium	86-1	610.01	623.76	611.25	615.00	1.24	ppb
Strontium	88-1	604.69	617.21	609.05	610.32	1.04	ppb
Sulfur	34-1	17991.42	20346.33	18846.59	19061.45	6.25	ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	0.57	0.53	0.54	0.55	3.67	ppb
Thallium	205-1	0.56	0.60	0.53	0.56	5.59	ppb
Tin	118-1	73.67	75.24	74.62	74.51	1.06	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-21	Instrumnet Name :	P8
Client Sample ID :	MH1JE3D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:25:48	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	594.52	629.09	620.48	614.70	2.93	ppb
Uranium	238-1	3.69	3.83	3.34	3.62	6.98	ppb
Vanadium	51-2	116.41	114.21	112.68	114.43	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				106		%
Zinc	66-2	2634.12	2627.30	2617.91	2626.44	0.31	ppb
Zirconium	90-1	8.85	9.01	8.99	8.95	0.97	ppb
Zirconium	91-1	8.15	8.74	9.91	8.93	10.00	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE3L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 14:28:44	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3883.73	4004.75	3968.45	3952.31	1.57	ppb
Antimony	121-1	2.37	2.28	2.10	2.25	6.00	ppb
Arsenic	75-2	5.96	5.79	5.83	5.86	1.50	ppb
Barium	135-1	147.03	138.71	127.60	137.78	7.08	ppb
Barium	137-1	148.57	142.89	132.37	141.28	5.82	ppb
Beryllium	9-1	0.28	0.30	0.26	0.28	7.32	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	547.95	544.97	543.86	545.59	0.39	ppb
Boron	11-1	535.20	542.16	523.67	533.68	1.75	ppb
Bromine	81-1						cps
Cadmium	111-1	4.15	3.54	3.36	3.68	11.15	ppb
Cadmium	106-1	6.96	5.01	4.02	5.33	28.08	ppb
Cadmium	108-1	4.05	3.76	3.25	3.69	10.93	ppb
Calcium	43-1	35434.97	33827.20	32416.35	33892.84	4.46	ppb
Calcium	44-1	35347.25	32894.13	32285.91	33509.10	4.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.16	98.01	95.05	96.07	1.75	ppb
Cobalt	59-2	2.97	2.98	3.10	3.02	2.27	ppb
Copper	63-2	67.56	68.50	66.75	67.60	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	12385.39	12409.54	12190.09	12328.34	0.98	ppb
Iron	56-2	12226.09	12474.21	12368.59	12356.30	1.01	ppb
Iron	57-2	12134.44	12158.08	12103.96	12132.16	0.22	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE3L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 14:28:44	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	58.76	56.25	53.92	56.31	4.30	ppb
Lead	207-1	57.29	55.48	51.56	54.77	5.35	ppb
Lead	208-1	57.21	55.42	52.17	54.94	4.65	ppb
Lithium	6-1				113		%
Magnesium	24-2	5627.59	5800.53	5697.73	5708.61	1.52	ppb
Manganese	55-2	890.90	910.16	898.50	899.85	1.08	ppb
Molybdenum	94-1	6.33	5.80	5.61	5.91	6.28	ppb
Molybdenum	95-1	3.27	2.97	3.13	3.12	4.94	ppb
Molybdenum	96-1	3.82	3.49	3.26	3.52	8.02	ppb
Molybdenum	97-1	3.46	2.99	2.92	3.12	9.37	ppb
Molybdenum	98-1	3.15	2.92	2.80	2.96	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.46	20.50	20.42	20.46	0.20	ppb
Phosphorus	31-2	654.10	751.25	769.72	725.02	8.57	ppb
Potassium	39-2	2118.69	2167.77	2178.41	2154.96	1.48	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	0.14	-0.05	0.62	0.24	144.57	ppb
Selenium	77-2	10.08	6.98	3.84	6.97	44.76	ppb
Selenium	78-2	1.73	1.68	1.99	1.80	9.29	ppb
Silicon	28-1	588.76	546.36	520.07	551.73	6.28	ppb
Silver	107-1	0.78	0.77	0.72	0.75	4.55	ppb
Silver	109-1	0.80	0.79	0.72	0.77	5.70	ppb
Sodium	23-2	20548.78	21459.43	21332.49	21113.57	2.34	ppb
Strontium	86-1	137.94	127.56	123.58	129.70	5.72	ppb
Strontium	88-1	140.82	127.84	127.88	132.18	5.66	ppb
Sulfur	34-1	5596.77	4265.56	3244.11	4368.81	27.00	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.09	0.09	0.08	26.43	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	13.00	ppb
Tin	118-1	17.50	16.63	15.44	16.52	6.26	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE3L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 14:28:44	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	130.01	122.82	119.61	124.14	4.29	ppb
Uranium	238-1	0.71	0.75	0.72	0.73	2.55	ppb
Vanadium	51-2	21.81	21.99	21.40	21.73	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	587.39	601.83	591.02	593.41	1.27	ppb
Zirconium	90-1	1.99	1.79	1.97	1.92	5.79	ppb
Zirconium	91-1	1.75	1.89	1.61	1.75	7.77	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-22	Instrumnet Name :	P8
Client Sample ID :	MH1JE3S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:31:43	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17321.68	17555.78	17027.65	17301.70	1.53	ppb
Antimony	121-1	22.57	23.20	23.59	23.12	2.23	ppb
Arsenic	75-2	34.22	34.44	33.07	33.91	2.17	ppb
Barium	135-1	935.73	996.36	995.24	975.77	3.55	ppb
Barium	137-1	973.15	1047.92	1016.25	1012.44	3.71	ppb
Beryllium	9-1	11.38	11.59	11.60	11.52	1.07	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	1548.65	1624.54	1680.66	1617.95	4.09	ppb
Boron	11-1	1360.32	1500.60	1529.07	1463.33	6.17	ppb
Bromine	81-1						cps
Cadmium	111-1	24.00	26.20	26.39	25.53	5.20	ppb
Cadmium	106-1	23.96	28.68	28.32	26.99	9.73	ppb
Cadmium	108-1	23.03	22.93	28.76	24.91	13.40	ppb
Calcium	43-1	144756.66	144767.86	145173.10	144899.21	0.16	ppb
Calcium	44-1	137209.01	143786.22	145497.78	142164.34	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	432.97	436.26	422.93	430.72	1.61	ppb
Cobalt	59-2	113.73	115.59	111.91	113.74	1.62	ppb
Copper	63-2	325.25	330.06	319.96	325.09	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	54-2	52262.87	53473.12	51682.12	52472.70	1.74	ppb
Iron	56-2	51685.26	52000.97	50570.96	51419.06	1.46	ppb
Iron	57-2	52826.75	51879.40	50689.06	51798.40	2.07	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-22	Instrumnet Name :	P8
Client Sample ID :	MH1JE3S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:31:43	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	258.38	262.17	264.10	261.55	1.11	ppb
Lead	207-1	248.08	255.66	254.51	252.75	1.62	ppb
Lead	208-1	251.25	254.40	252.05	252.56	0.65	ppb
Lithium	6-1				115		%
Magnesium	24-2	24235.06	24354.95	23287.23	23959.08	2.44	ppb
Manganese	55-2	4116.35	4251.43	4028.90	4132.22	2.71	ppb
Molybdenum	94-1	26.35	25.84	24.83	25.67	3.01	ppb
Molybdenum	95-1	13.13	12.56	12.77	12.82	2.24	ppb
Molybdenum	96-1	14.59	14.44	14.46	14.50	0.58	ppb
Molybdenum	97-1	12.63	13.30	12.19	12.71	4.40	ppb
Molybdenum	98-1	12.44	13.00	12.59	12.68	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	178.70	184.48	178.22	180.46	1.93	ppb
Phosphorus	31-2	2961.23	3305.75	3049.55	3105.51	5.76	ppb
Potassium	39-2	8807.88	8894.70	8725.94	8809.51	0.96	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				103		%
Selenium	82-1	22.58	22.95	21.52	22.35	3.32	ppb
Selenium	77-2	32.46	32.61	55.54	40.21	33.04	ppb
Selenium	78-2	24.37	26.34	27.07	25.93	5.40	ppb
Silicon	28-1	3026.11	3133.34	3107.75	3089.07	1.81	ppb
Silver	107-1	14.81	15.82	16.04	15.56	4.19	ppb
Silver	109-1	14.64	16.21	15.79	15.55	5.23	ppb
Sodium	23-2	88995.41	92401.48	87552.28	89649.72	2.78	ppb
Strontium	86-1	573.68	566.51	546.60	562.26	2.50	ppb
Strontium	88-1	565.43	558.60	549.01	557.68	1.48	ppb
Sulfur	34-1	16269.60	17763.33	16690.61	16907.85	4.56	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	9.17	9.22	9.22	9.20	0.33	ppb
Thallium	205-1	9.24	9.33	9.46	9.34	1.20	ppb
Tin	118-1	70.57	74.64	75.16	73.46	3.42	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-22	Instrumnet Name :	P8
Client Sample ID :	MH1JE3S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:31:43	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	534.33	570.48	569.75	558.19	3.70	ppb
Uranium	238-1	3.28	3.21	3.35	3.28	2.17	ppb
Vanadium	51-2	193.39	195.13	188.80	192.44	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				104		%
Zinc	66-2	2574.32	2609.93	2544.39	2576.21	1.27	ppb
Zirconium	90-1	7.96	7.79	7.88	7.88	1.07	ppb
Zirconium	91-1	7.73	8.18	8.03	7.98	2.85	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-01	Instrumnet Name :	P8
Client Sample ID :	MH1JD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:34:39	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2925.89	2865.90	2807.23	2866.34	2.07	ppb
Antimony	121-1	5.49	5.61	5.71	5.60	1.94	ppb
Arsenic	75-2	3.51	3.46	3.82	3.60	5.43	ppb
Barium	135-1	147.76	145.32	155.05	149.38	3.39	ppb
Barium	137-1	149.54	150.89	152.27	150.90	0.91	ppb
Beryllium	9-1	0.16	0.18	0.15	0.16	9.58	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	10-1	278.03	262.56	251.41	264.00	5.06	ppb
Boron	11-1	272.67	260.03	246.12	259.61	5.12	ppb
Bromine	81-1						cps
Cadmium	111-1	3.41	3.02	3.57	3.33	8.55	ppb
Cadmium	106-1	8.65	6.50	8.58	7.91	15.48	ppb
Cadmium	108-1	4.45	4.11	4.40	4.32	4.23	ppb
Calcium	43-1	53628.33	55855.72	56195.80	55226.62	2.53	ppb
Calcium	44-1	53831.97	55774.11	57364.94	55657.01	3.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.80	34.62	34.08	34.83	2.53	ppb
Cobalt	59-2	2.27	2.20	2.21	2.23	1.57	ppb
Copper	63-2	143.24	144.92	140.87	143.01	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	6343.75	6162.17	6119.81	6208.58	1.92	ppb
Iron	56-2	6196.27	6017.06	6145.90	6119.74	1.51	ppb
Iron	57-2	6288.56	6149.82	6080.80	6173.06	1.71	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-01	Instrumnet Name :	P8
Client Sample ID :	MH1JD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:34:39	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	39.63	38.10	39.91	39.21	2.48	ppb
Lead	207-1	38.74	39.43	40.00	39.39	1.61	ppb
Lead	208-1	38.67	38.33	39.44	38.81	1.47	ppb
Lithium	6-1				119		%
Magnesium	24-2	4102.87	4011.16	3828.44	3980.83	3.51	ppb
Manganese	55-2	337.79	329.69	325.98	331.15	1.82	ppb
Molybdenum	94-1	15.68	12.67	13.57	13.97	11.04	ppb
Molybdenum	95-1	1.65	1.77	1.99	1.80	9.63	ppb
Molybdenum	96-1	2.89	2.99	3.11	3.00	3.66	ppb
Molybdenum	97-1	1.71	1.83	1.99	1.84	7.63	ppb
Molybdenum	98-1	1.68	1.83	1.84	1.79	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.63	20.20	20.32	20.72	3.81	ppb
Phosphorus	31-2	931.96	841.61	902.80	892.12	5.17	ppb
Potassium	39-2	3856.08	3800.84	3791.27	3816.06	0.92	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	-0.42	0.25	1.49	0.44	220.37	ppb
Selenium	77-2	3.67	4.46	3.63	3.92	11.90	ppb
Selenium	78-2	2.29	1.19	2.49	1.99	35.27	ppb
Silicon	28-1	1314.69	1353.34	1403.70	1357.24	3.29	ppb
Silver	107-1	1.30	1.28	1.37	1.32	3.40	ppb
Silver	109-1	1.36	1.37	1.39	1.38	1.22	ppb
Sodium	23-2	9882.85	9578.50	9491.29	9650.88	2.13	ppb
Strontium	86-1	141.18	142.05	149.97	144.40	3.36	ppb
Strontium	88-1	143.07	143.26	146.40	144.24	1.30	ppb
Sulfur	34-1	6135.63	6941.97	6539.82	6539.14	6.17	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	34.35	35.47	37.33	35.72	4.21	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-01	Instrumnet Name :	P8
Client Sample ID :	MH1JD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:34:39	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	98.40	97.87	100.29	98.85	1.29	ppb
Uranium	238-1	0.83	0.87	0.88	0.86	3.31	ppb
Vanadium	51-2	11.20	10.61	10.44	10.75	3.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	773.17	760.34	736.92	756.81	2.43	ppb
Zirconium	90-1	5.74	5.90	6.14	5.93	3.37	ppb
Zirconium	91-1	5.74	5.86	5.90	5.83	1.43	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-02	Instrumnet Name :	P8
Client Sample ID :	MH1JD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:37:38	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16379.97	16410.25	18066.97	16952.40	5.69	ppb
Antimony	121-1	5.68	5.90	6.20	5.93	4.40	ppb
Arsenic	75-2	3.90	3.77	4.80	4.16	13.56	ppb
Barium	135-1	175.22	178.62	182.17	178.67	1.94	ppb
Barium	137-1	176.39	184.25	182.33	180.99	2.27	ppb
Beryllium	9-1	0.20	0.21	0.18	0.20	9.14	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Boron	10-1	192.88	200.08	194.31	195.76	1.95	ppb
Boron	11-1	185.23	196.30	193.50	191.68	3.00	ppb
Bromine	81-1						cps
Cadmium	111-1	3.88	4.05	4.30	4.08	5.19	ppb
Cadmium	106-1	18.74	16.69	17.97	17.80	5.81	ppb
Cadmium	108-1	11.36	11.78	10.27	11.13	7.00	ppb
Calcium	43-1	242716.75	241287.32	245721.14	243241.74	0.93	ppb
Calcium	44-1	243103.36	239972.12	237226.16	240100.55	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.17	100.79	110.79	104.25	5.43	ppb
Cobalt	59-2	2.93	2.88	3.16	2.99	5.02	ppb
Copper	63-2	193.06	196.30	216.97	202.11	6.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				102		%
Indium	115-1				115		%
Indium	115-2				99		%
Iron	54-2	7343.22	7271.20	7998.38	7537.60	5.32	ppb
Iron	56-2	7016.57	7185.37	7906.77	7369.57	6.42	ppb
Iron	57-2	7218.31	7272.18	8020.11	7503.53	5.97	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-02	Instrumnet Name :	P8
Client Sample ID :	MH1JD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:37:38	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	80.56	83.75	79.96	81.42	2.50	ppb
Lead	207-1	78.37	84.32	80.91	81.20	3.68	ppb
Lead	208-1	77.15	82.64	80.89	80.22	3.50	ppb
Lithium	6-1				121		%
Magnesium	24-2	6290.69	6372.36	6934.30	6532.45	5.36	ppb
Manganese	55-2	345.35	348.55	383.48	359.12	5.89	ppb
Molybdenum	94-1	96.53	95.49	93.10	95.04	1.85	ppb
Molybdenum	95-1	2.36	2.22	2.02	2.20	7.79	ppb
Molybdenum	96-1	12.23	11.74	12.42	12.13	2.89	ppb
Molybdenum	97-1	2.15	2.21	2.42	2.26	6.29	ppb
Molybdenum	98-1	2.23	2.18	2.40	2.27	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.93	24.07	26.52	24.84	5.88	ppb
Phosphorus	31-2	1793.24	1576.58	1737.76	1702.53	6.61	ppb
Potassium	39-2	5389.03	5365.98	6031.78	5595.60	6.75	ppb
Rhodium	103-1				113		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				101		%
Selenium	82-1	2.13	1.04	-0.46	0.90	143.37	ppb
Selenium	77-2	5.49	0.61	4.12	3.41	74.01	ppb
Selenium	78-2	1.41	4.03	1.31	2.25	68.40	ppb
Silicon	28-1	1242.22	1349.80	1273.01	1288.34	4.30	ppb
Silver	107-1	1.37	1.38	1.33	1.36	1.85	ppb
Silver	109-1	1.18	1.33	1.30	1.27	6.13	ppb
Sodium	23-2	19428.12	19631.09	21755.96	20271.72	6.36	ppb
Strontium	86-1	322.74	315.27	329.00	322.34	2.13	ppb
Strontium	88-1	320.79	319.57	317.03	319.13	0.60	ppb
Sulfur	34-1	14847.33	17017.95	15706.26	15857.18	6.89	ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	-0.01	0.00	3381.24	ppb
Thallium	205-1	0.00	0.02	0.03	0.02	98.57	ppb
Tin	118-1	24.44	24.72	26.32	25.16	4.03	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-02	Instrumnet Name :	P8
Client Sample ID :	MH1JD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:37:38	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	109.67	114.97	113.71	112.78	2.46	ppb
Uranium	238-1	1.29	1.33	1.31	1.31	1.59	ppb
Vanadium	51-2	12.50	12.37	13.83	12.90	6.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				103		%
Zinc	66-2	1108.75	1128.97	1243.15	1160.29	6.25	ppb
Zirconium	90-1	49.98	49.54	49.82	49.78	0.45	ppb
Zirconium	91-1	48.15	47.69	50.49	48.78	3.07	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-03	Instrumnet Name :	P8
Client Sample ID :	MH1JE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:40:36	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11342.58	11521.66	11494.80	11453.01	0.84	ppb
Antimony	121-1	13.87	13.91	14.25	14.01	1.51	ppb
Arsenic	75-2	17.86	17.62	17.86	17.78	0.80	ppb
Barium	135-1	399.42	411.09	409.35	406.62	1.55	ppb
Barium	137-1	407.22	421.19	421.70	416.70	1.97	ppb
Beryllium	9-1	0.80	0.81	0.90	0.83	6.80	ppb
Bismuth	209-1				124		%
Bismuth	209-2				110		%
Boron	10-1	309.38	332.75	355.84	332.66	6.98	ppb
Boron	11-1	302.17	318.80	343.07	321.35	6.40	ppb
Bromine	81-1						cps
Cadmium	111-1	7.92	8.27	7.89	8.03	2.59	ppb
Cadmium	106-1	22.71	22.09	19.78	21.53	7.16	ppb
Cadmium	108-1	15.66	13.72	15.94	15.11	7.99	ppb
Calcium	43-1	100767.54	99521.91	108548.45	102945.96	4.75	ppb
Calcium	44-1	100973.46	99191.35	101848.34	100671.05	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.31	123.85	124.55	122.91	1.85	ppb
Cobalt	59-2	9.80	9.87	10.06	9.91	1.35	ppb
Copper	63-2	346.13	354.55	350.54	350.41	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				100		%
Iron	54-2	27499.97	27848.91	27444.19	27597.69	0.79	ppb
Iron	56-2	26948.90	27651.55	27810.96	27470.47	1.67	ppb
Iron	57-2	26682.89	27063.89	27009.43	26918.74	0.77	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-03	Instrumnet Name :	P8
Client Sample ID :	MH1JE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:40:36	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	258.83	261.91	262.34	261.03	0.73	ppb
Lead	207-1	252.85	252.02	259.04	254.63	1.51	ppb
Lead	208-1	249.60	254.42	260.09	254.70	2.06	ppb
Lithium	6-1				121		%
Magnesium	24-2	12242.04	12617.32	12948.38	12602.58	2.80	ppb
Manganese	55-2	1189.02	1208.42	1180.77	1192.74	1.19	ppb
Molybdenum	94-1	111.49	112.70	116.66	113.62	2.38	ppb
Molybdenum	95-1	8.06	7.79	7.99	7.95	1.78	ppb
Molybdenum	96-1	19.63	19.58	20.19	19.80	1.70	ppb
Molybdenum	97-1	8.17	7.83	8.18	8.06	2.48	ppb
Molybdenum	98-1	8.00	7.64	7.77	7.80	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.53	68.09	67.42	67.35	1.16	ppb
Phosphorus	31-2	2298.15	2563.30	2508.95	2456.80	5.70	ppb
Potassium	39-2	9170.10	9394.59	9292.43	9285.71	1.21	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	82-1	3.26	5.10	3.97	4.11	22.62	ppb
Selenium	77-2	17.84	23.32	28.40	23.19	22.79	ppb
Selenium	78-2	6.92	4.83	9.48	7.08	32.89	ppb
Silicon	28-1	1976.19	2016.88	2161.90	2051.66	4.76	ppb
Silver	107-1	4.53	4.78	4.73	4.68	2.85	ppb
Silver	109-1	4.46	4.53	4.48	4.49	0.78	ppb
Sodium	23-2	26348.57	27751.04	28223.69	27441.10	3.55	ppb
Strontium	86-1	340.57	340.84	348.07	343.16	1.24	ppb
Strontium	88-1	341.32	339.25	345.76	342.11	0.97	ppb
Sulfur	34-1	15703.87	15593.18	18074.26	16457.10	8.52	ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.24	0.21	0.22	8.16	ppb
Thallium	205-1	0.20	0.22	0.25	0.22	12.21	ppb
Tin	118-1	34.49	35.17	35.70	35.12	1.74	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-03	Instrumnet Name :	P8
Client Sample ID :	MH1JE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:40:36	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	348.78	339.08	363.88	350.58	3.57	ppb
Uranium	238-1	2.63	2.69	2.78	2.70	2.72	ppb
Vanadium	51-2	49.76	49.93	51.42	50.37	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	2365.38	2385.87	2410.80	2387.35	0.95	ppb
Zirconium	90-1	57.77	56.61	59.12	57.84	2.17	ppb
Zirconium	91-1	56.88	55.82	56.77	56.49	1.03	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-04	Instrumnet Name :	P8
Client Sample ID :	MH1JE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:43:30	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6903.54	6871.78	6798.15	6857.83	0.79	ppb
Antimony	121-1	5.73	5.73	5.91	5.79	1.81	ppb
Arsenic	75-2	13.97	13.51	13.07	13.52	3.34	ppb
Barium	135-1	889.80	871.43	873.38	878.20	1.15	ppb
Barium	137-1	896.60	904.52	886.16	895.76	1.03	ppb
Beryllium	9-1	0.38	0.37	0.37	0.37	2.16	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	4071.70	4693.58	4416.81	4394.03	7.09	ppb
Boron	11-1	3722.27	4213.33	4295.51	4077.04	7.60	ppb
Bromine	81-1						cps
Cadmium	111-1	6.79	6.56	6.41	6.59	2.86	ppb
Cadmium	106-1	11.71	12.34	6.65	10.23	30.44	ppb
Cadmium	108-1	7.30	8.10	7.06	7.49	7.31	ppb
Calcium	43-1	140482.02	137102.26	138144.50	138576.26	1.25	ppb
Calcium	44-1	135471.49	137922.21	137662.87	137018.86	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142.27	141.89	141.70	141.95	0.21	ppb
Cobalt	59-2	5.14	5.10	5.00	5.08	1.44	ppb
Copper	63-2	166.43	166.42	168.11	166.99	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	54-2	18798.90	18276.76	18429.08	18501.58	1.45	ppb
Iron	56-2	18330.22	18196.59	18569.12	18365.31	1.03	ppb
Iron	57-2	18010.54	17961.06	18011.03	17994.21	0.16	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-04	Instrumnet Name :	P8
Client Sample ID :	MH1JE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:43:30	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	94.80	94.34	96.38	95.17	1.13	ppb
Lead	207-1	94.68	93.99	89.87	92.85	2.80	ppb
Lead	208-1	94.51	93.94	90.71	93.06	2.20	ppb
Lithium	6-1				120		%
Magnesium	24-2	14202.37	13998.97	13910.09	14037.14	1.07	ppb
Manganese	55-2	1364.38	1360.28	1357.49	1360.72	0.25	ppb
Molybdenum	94-1	14.30	14.58	13.47	14.12	4.08	ppb
Molybdenum	95-1	3.95	3.85	3.70	3.83	3.30	ppb
Molybdenum	96-1	4.96	5.06	5.08	5.03	1.21	ppb
Molybdenum	97-1	4.00	4.04	3.82	3.95	3.05	ppb
Molybdenum	98-1	3.92	4.03	3.92	3.96	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.61	59.77	59.28	59.22	0.99	ppb
Phosphorus	31-2	3847.20	3876.83	3989.95	3904.66	1.93	ppb
Potassium	39-2	7740.95	8013.85	7923.70	7892.84	1.76	ppb
Rhodium	103-1				113		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				103		%
Selenium	82-1	1.54	2.25	2.49	2.10	23.59	ppb
Selenium	77-2	9.78	16.33	6.65	10.92	45.26	ppb
Selenium	78-2	4.98	3.21	3.63	3.94	23.57	ppb
Silicon	28-1	1386.56	1430.87	1437.71	1418.38	1.96	ppb
Silver	107-1	2.22	2.28	2.38	2.29	3.66	ppb
Silver	109-1	2.37	2.24	2.40	2.34	3.80	ppb
Sodium	23-2	62024.14	62695.99	61998.43	62239.52	0.64	ppb
Strontium	86-1	474.29	452.60	455.40	460.76	2.56	ppb
Strontium	88-1	459.83	454.85	455.47	456.72	0.59	ppb
Sulfur	34-1	19765.39	20317.31	21025.71	20369.47	3.10	ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.13	0.11	0.11	25.33	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	8.12	ppb
Tin	118-1	19.88	19.93	20.62	20.14	2.05	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-04	Instrumnet Name :	P8
Client Sample ID :	MH1JE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:43:30	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	203.02	203.85	210.69	205.85	2.04	ppb
Uranium	238-1	1.38	1.38	1.36	1.37	0.63	ppb
Vanadium	51-2	32.26	32.11	32.49	32.29	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	1239.99	1236.54	1241.58	1239.37	0.21	ppb
Zirconium	90-1	5.78	5.59	5.64	5.67	1.72	ppb
Zirconium	91-1	6.05	5.70	5.78	5.84	3.17	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-05	Instrumnet Name :	P8
Client Sample ID :	MH1JE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:46:26	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9134.02	9551.60	9182.82	9289.48	2.46	ppb
Antimony	121-1	8.35	8.50	8.59	8.48	1.41	ppb
Arsenic	75-2	15.84	17.46	16.74	16.68	4.86	ppb
Barium	135-1	405.11	432.58	435.49	424.39	3.95	ppb
Barium	137-1	419.01	430.15	426.65	425.27	1.34	ppb
Beryllium	9-1	0.60	0.58	0.59	0.59	1.24	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	1069.87	1106.41	1095.55	1090.61	1.72	ppb
Boron	11-1	1069.52	1091.02	981.85	1047.46	5.52	ppb
Bromine	81-1						cps
Cadmium	111-1	21.48	22.43	21.66	21.86	2.29	ppb
Cadmium	106-1	21.44	25.89	23.17	23.50	9.56	ppb
Cadmium	108-1	20.84	21.26	22.63	21.58	4.36	ppb
Calcium	43-1	161740.94	155005.90	159205.41	158650.75	2.14	ppb
Calcium	44-1	154141.16	151875.76	154601.42	153539.45	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.24	176.13	167.41	169.93	3.18	ppb
Cobalt	59-2	8.98	9.53	9.09	9.20	3.17	ppb
Copper	63-2	270.20	279.82	269.53	273.18	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	54-2	26039.29	27473.76	26887.77	26800.27	2.69	ppb
Iron	56-2	25824.17	26805.91	25900.91	26177.00	2.09	ppb
Iron	57-2	25844.57	26495.84	25785.94	26042.12	1.51	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-05	Instrumnet Name :	P8
Client Sample ID :	MH1JE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:46:26	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	161.73	177.51	177.98	172.40	5.36	ppb
Lead	207-1	163.19	173.43	170.34	168.99	3.11	ppb
Lead	208-1	163.57	171.95	171.02	168.85	2.72	ppb
Lithium	6-1				122		%
Magnesium	24-2	14892.65	15769.88	14962.44	15208.32	3.21	ppb
Manganese	55-2	1492.92	1527.60	1468.30	1496.27	1.99	ppb
Molybdenum	94-1	23.72	24.73	24.86	24.44	2.54	ppb
Molybdenum	95-1	8.01	7.96	8.20	8.05	1.57	ppb
Molybdenum	96-1	9.70	9.94	10.46	10.03	3.87	ppb
Molybdenum	97-1	7.94	8.54	8.89	8.46	5.69	ppb
Molybdenum	98-1	7.89	8.03	8.19	8.04	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.34	127.73	124.86	124.97	2.16	ppb
Phosphorus	31-2	3233.27	3187.55	3207.66	3209.49	0.71	ppb
Potassium	39-2	8632.60	9216.32	8675.03	8841.31	3.68	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				103		%
Selenium	82-1	3.76	4.11	5.42	4.43	19.71	ppb
Selenium	77-2	16.23	20.62	20.14	19.00	12.69	ppb
Selenium	78-2	7.03	7.84	6.35	7.07	10.54	ppb
Silicon	28-1	1686.82	1643.05	1640.33	1656.73	1.57	ppb
Silver	107-1	3.24	3.38	3.18	3.27	3.10	ppb
Silver	109-1	3.12	3.23	3.27	3.21	2.40	ppb
Sodium	23-2	32236.97	34353.99	32160.18	32917.05	3.78	ppb
Strontium	86-1	464.72	474.45	489.23	476.13	2.59	ppb
Strontium	88-1	460.46	461.28	477.66	466.47	2.08	ppb
Sulfur	34-1	11821.46	11020.45	9966.62	10936.18	8.51	ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.22	0.28	0.25	0.25	12.56	ppb
Thallium	205-1	0.25	0.25	0.28	0.26	6.72	ppb
Tin	118-1	38.00	37.51	39.34	38.28	2.47	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-05	Instrumnet Name :	P8
Client Sample ID :	MH1JE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:46:26	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	278.30	269.01	267.71	271.67	2.12	ppb
Uranium	238-1	1.97	2.13	2.00	2.04	4.15	ppb
Vanadium	51-2	44.84	46.96	45.44	45.75	2.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				105		%
Zinc	66-2	2374.81	2470.09	2401.38	2415.43	2.04	ppb
Zirconium	90-1	9.83	9.47	9.69	9.66	1.88	ppb
Zirconium	91-1	8.93	9.32	9.16	9.14	2.13	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-06	Instrumnet Name :	P8
Client Sample ID :	MH1JE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:49:19	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9717.27	9362.89	10885.95	9988.70	7.98	ppb
Antimony	121-1	11.08	11.14	12.26	11.50	5.80	ppb
Arsenic	75-2	12.59	12.97	13.48	13.02	3.42	ppb
Barium	135-1	345.26	334.56	359.66	346.49	3.63	ppb
Barium	137-1	349.39	325.24	375.53	350.05	7.19	ppb
Beryllium	9-1	1.06	0.91	1.09	1.02	9.77	ppb
Bismuth	209-1				117		%
Bismuth	209-2				101		%
Boron	10-1	629.53	589.01	613.34	610.62	3.34	ppb
Boron	11-1	602.98	579.13	595.64	592.58	2.06	ppb
Bromine	81-1						cps
Cadmium	111-1	4.70	4.78	5.38	4.95	7.48	ppb
Cadmium	106-1	7.62	6.54	10.19	8.12	23.10	ppb
Cadmium	108-1	7.17	5.51	6.56	6.41	13.09	ppb
Calcium	43-1	62032.61	61373.54	62742.70	62049.62	1.10	ppb
Calcium	44-1	60271.90	60531.28	62310.87	61038.02	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.01	35.40	41.55	37.99	8.38	ppb
Cobalt	59-2	9.24	9.03	10.30	9.52	7.13	ppb
Copper	63-2	161.27	154.05	176.63	163.98	7.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				103		%
Indium	115-1				116		%
Indium	115-2				100		%
Iron	54-2	22239.51	21191.91	24955.06	22795.49	8.52	ppb
Iron	56-2	21694.08	20461.09	23548.54	21901.24	7.10	ppb
Iron	57-2	21469.65	20358.78	23470.73	21766.39	7.25	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-06	Instrumnet Name :	P8
Client Sample ID :	MH1JE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:49:19	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	168.65	177.05	166.17	170.63	3.34	ppb
Lead	207-1	169.48	175.61	168.49	171.20	2.25	ppb
Lead	208-1	169.36	174.15	167.71	170.41	1.97	ppb
Lithium	6-1				121		%
Magnesium	24-2	11113.04	11098.82	12613.15	11608.33	7.50	ppb
Manganese	55-2	758.68	746.25	844.53	783.15	6.83	ppb
Molybdenum	94-1	15.60	15.97	15.80	15.79	1.19	ppb
Molybdenum	95-1	12.65	12.06	11.61	12.11	4.30	ppb
Molybdenum	96-1	12.89	11.80	12.53	12.41	4.46	ppb
Molybdenum	97-1	12.24	12.43	12.51	12.39	1.15	ppb
Molybdenum	98-1	12.45	12.67	12.36	12.49	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.96	31.03	36.26	33.42	7.90	ppb
Phosphorus	31-2	4081.67	4101.71	4677.67	4287.01	7.90	ppb
Potassium	39-2	11081.03	10807.76	12503.92	11464.24	7.94	ppb
Rhodium	103-1				116		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				101		%
Selenium	82-1	1.22	1.75	2.52	1.83	35.60	ppb
Selenium	77-2	11.73	25.59	18.49	18.60	37.26	ppb
Selenium	78-2	5.82	3.72	4.92	4.82	21.88	ppb
Silicon	28-1	1505.73	1491.61	1531.00	1509.45	1.32	ppb
Silver	107-1	1.11	0.99	1.14	1.08	7.30	ppb
Silver	109-1	1.14	1.02	1.12	1.09	5.98	ppb
Sodium	23-2	42038.55	41047.56	47782.59	43622.90	8.34	ppb
Strontium	86-1	243.39	244.22	241.27	242.96	0.63	ppb
Strontium	88-1	247.59	245.82	248.81	247.41	0.61	ppb
Sulfur	34-1	13617.58	13808.67	14165.17	13863.81	2.00	ppb
Terbium	159-1				118		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.21	0.16	0.18	13.16	ppb
Thallium	205-1	0.19	0.26	0.24	0.23	16.77	ppb
Tin	118-1	28.29	25.42	29.47	27.73	7.51	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-06	Instrumnet Name :	P8
Client Sample ID :	MH1JE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:49:19	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	255.56	253.41	261.34	256.77	1.60	ppb
Uranium	238-1	3.19	3.10	3.08	3.12	1.83	ppb
Vanadium	51-2	30.75	29.47	33.41	31.21	6.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				103		%
Zinc	66-2	4128.01	3923.51	4614.73	4222.09	8.41	ppb
Zirconium	90-1	2.93	2.88	3.02	2.94	2.52	ppb
Zirconium	91-1	2.54	2.88	2.68	2.70	6.40	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-07	Instrumnet Name :	P8
Client Sample ID :	MH1JE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:52:15	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8659.68	8517.85	8244.93	8474.15	2.49	ppb
Antimony	121-1	8.07	7.55	7.67	7.76	3.55	ppb
Arsenic	75-2	12.56	12.12	12.27	12.32	1.85	ppb
Barium	135-1	321.08	312.00	321.39	318.16	1.68	ppb
Barium	137-1	331.16	328.85	323.69	327.90	1.17	ppb
Beryllium	9-1	0.96	0.83	0.73	0.84	13.73	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	454.38	438.56	454.26	449.07	2.03	ppb
Boron	11-1	453.26	434.18	434.40	440.61	2.49	ppb
Bromine	81-1						cps
Cadmium	111-1	5.07	5.15	5.46	5.23	3.93	ppb
Cadmium	106-1	9.99	12.52	14.05	12.19	16.82	ppb
Cadmium	108-1	8.73	7.97	6.42	7.71	15.27	ppb
Calcium	43-1	73741.84	70979.84	75158.72	73293.47	2.90	ppb
Calcium	44-1	73945.93	70656.96	72829.83	72477.58	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.91	35.71	34.63	35.75	3.19	ppb
Cobalt	59-2	8.07	7.92	7.90	7.96	1.17	ppb
Copper	63-2	159.04	156.73	151.68	155.82	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				105		%
Iron	54-2	19270.42	18568.44	18496.00	18778.28	2.28	ppb
Iron	56-2	18601.34	18040.08	17679.02	18106.81	2.57	ppb
Iron	57-2	18430.28	18419.86	17680.08	18176.74	2.37	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-07	Instrumnet Name :	P8
Client Sample ID :	MH1JE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:52:15	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	193.31	186.72	191.69	190.57	1.80	ppb
Lead	207-1	186.83	177.50	182.53	182.29	2.56	ppb
Lead	208-1	190.22	180.04	187.00	185.75	2.80	ppb
Lithium	6-1				115		%
Magnesium	24-2	13820.76	13118.74	13336.47	13425.32	2.68	ppb
Manganese	55-2	652.51	640.87	628.87	640.75	1.84	ppb
Molybdenum	94-1	18.03	17.04	16.88	17.32	3.60	ppb
Molybdenum	95-1	12.81	13.08	12.58	12.82	1.95	ppb
Molybdenum	96-1	13.59	13.26	13.54	13.46	1.33	ppb
Molybdenum	97-1	13.78	12.76	12.92	13.15	4.16	ppb
Molybdenum	98-1	13.99	12.91	12.72	13.21	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.82	30.21	29.50	29.84	1.19	ppb
Phosphorus	31-2	3842.50	3885.33	3612.44	3780.09	3.88	ppb
Potassium	39-2	10683.95	10665.99	10099.66	10483.20	3.17	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	1.58	0.47	2.32	1.46	63.79	ppb
Selenium	77-2	15.08	19.13	18.80	17.67	12.75	ppb
Selenium	78-2	4.47	4.91	3.79	4.39	12.83	ppb
Silicon	28-1	1641.46	1668.04	1665.26	1658.25	0.88	ppb
Silver	107-1	1.23	1.24	1.12	1.20	5.60	ppb
Silver	109-1	1.17	1.11	1.18	1.16	3.11	ppb
Sodium	23-2	38147.70	37856.52	37598.37	37867.53	0.73	ppb
Strontium	86-1	231.54	226.22	232.41	230.05	1.46	ppb
Strontium	88-1	237.08	221.00	230.14	229.41	3.52	ppb
Sulfur	34-1	14148.56	12953.31	13198.13	13433.33	4.70	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.20	0.23	0.15	0.19	20.19	ppb
Thallium	205-1	0.23	0.17	0.20	0.20	15.86	ppb
Tin	118-1	23.72	22.72	22.61	23.02	2.65	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-07	Instrumnet Name :	P8
Client Sample ID :	MH1JE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:52:15	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	280.83	258.67	266.60	268.70	4.18	ppb
Uranium	238-1	2.37	2.40	2.35	2.37	1.18	ppb
Vanadium	51-2	30.73	30.00	28.73	29.82	3.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	7398.18	7253.29	7205.44	7285.63	1.38	ppb
Zirconium	90-1	3.29	3.39	3.47	3.38	2.66	ppb
Zirconium	91-1	3.18	3.33	3.29	3.27	2.34	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-08	Instrumnet Name :	P8
Client Sample ID :	MH1JE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:55:10	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8536.68	8686.93	8617.10	8613.57	0.87	ppb
Antimony	121-1	8.82	8.12	8.33	8.42	4.24	ppb
Arsenic	75-2	14.23	13.53	13.12	13.63	4.13	ppb
Barium	135-1	332.24	322.13	325.33	326.57	1.58	ppb
Barium	137-1	342.36	322.87	328.50	331.24	3.03	ppb
Beryllium	9-1	0.75	0.78	0.73	0.75	3.33	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	274.00	280.35	278.09	277.48	1.16	ppb
Boron	11-1	276.39	273.25	276.01	275.21	0.62	ppb
Bromine	81-1						cps
Cadmium	111-1	6.11	5.33	6.16	5.87	7.91	ppb
Cadmium	106-1	8.87	4.75	10.75	8.12	37.83	ppb
Cadmium	108-1	6.46	6.69	5.85	6.33	6.85	ppb
Calcium	43-1	100037.72	101257.10	101328.74	100874.52	0.72	ppb
Calcium	44-1	101584.52	98700.47	101185.71	100490.23	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.57	38.14	36.95	37.55	1.57	ppb
Cobalt	59-2	8.19	8.08	8.16	8.14	0.69	ppb
Copper	63-2	143.00	142.57	140.49	142.02	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	19854.15	20591.22	19825.38	20090.25	2.16	ppb
Iron	56-2	19855.05	19401.43	19091.80	19449.43	1.97	ppb
Iron	57-2	19461.48	19570.60	19153.50	19395.20	1.12	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-08	Instrumnet Name :	P8
Client Sample ID :	MH1JE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:55:10	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	230.27	220.58	215.76	222.20	3.33	ppb
Lead	207-1	222.57	218.40	217.29	219.42	1.27	ppb
Lead	208-1	220.54	215.71	214.60	216.95	1.46	ppb
Lithium	6-1				112		%
Magnesium	24-2	19542.48	20121.77	19205.57	19623.27	2.36	ppb
Manganese	55-2	646.41	650.53	641.67	646.20	0.69	ppb
Molybdenum	94-1	16.63	16.98	15.85	16.49	3.51	ppb
Molybdenum	95-1	10.05	9.99	9.42	9.82	3.52	ppb
Molybdenum	96-1	10.88	10.79	10.52	10.73	1.74	ppb
Molybdenum	97-1	9.86	10.05	9.75	9.89	1.57	ppb
Molybdenum	98-1	9.76	10.02	9.73	9.84	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.83	31.31	30.43	30.52	2.44	ppb
Phosphorus	31-2	4828.09	5143.27	4573.36	4848.24	5.89	ppb
Potassium	39-2	13116.93	13219.01	13197.39	13177.78	0.41	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	2.03	3.26	1.92	2.40	30.80	ppb
Selenium	77-2	22.93	22.69	7.33	17.65	50.62	ppb
Selenium	78-2	3.67	2.86	3.90	3.48	15.74	ppb
Silicon	28-1	1319.76	1360.91	1329.90	1336.86	1.60	ppb
Silver	107-1	1.38	1.35	1.33	1.36	1.80	ppb
Silver	109-1	1.36	1.42	1.32	1.37	3.84	ppb
Sodium	23-2	21602.85	21979.71	21309.58	21630.71	1.55	ppb
Strontium	86-1	227.44	232.54	226.94	228.97	1.35	ppb
Strontium	88-1	228.55	232.31	223.63	228.16	1.91	ppb
Sulfur	34-1	11695.10	12187.13	11838.99	11907.07	2.12	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.18	0.16	0.18	15.93	ppb
Thallium	205-1	0.17	0.24	0.18	0.20	20.10	ppb
Tin	118-1	24.31	22.82	23.96	23.70	3.29	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-08	Instrumnet Name :	P8
Client Sample ID :	MH1JE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:55:10	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	277.52	283.79	289.26	283.52	2.07	ppb
Uranium	238-1	2.16	2.03	1.95	2.05	5.25	ppb
Vanadium	51-2	31.34	32.87	31.30	31.84	2.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	2076.67	2079.16	2062.12	2072.65	0.44	ppb
Zirconium	90-1	4.28	4.41	4.23	4.30	2.12	ppb
Zirconium	91-1	4.11	3.91	4.14	4.05	3.13	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09	Instrumnet Name :	P8
Client Sample ID :	MH1JE7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:58:07	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5784.08	5522.91	5619.27	5642.09	2.34	ppb
Antimony	121-1	23.19	22.58	24.07	23.28	3.23	ppb
Arsenic	75-2	9.82	9.52	10.14	9.83	3.18	ppb
Barium	135-1	129.79	125.74	121.33	125.62	3.37	ppb
Barium	137-1	126.97	127.31	128.32	127.54	0.55	ppb
Beryllium	9-1	0.36	0.39	0.39	0.38	4.35	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	262.67	279.84	277.50	273.33	3.41	ppb
Boron	11-1	255.46	271.97	271.21	266.21	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	10.10	9.33	9.29	9.58	4.78	ppb
Cadmium	106-1	11.62	10.78	9.71	10.71	8.95	ppb
Cadmium	108-1	9.32	10.74	10.78	10.28	8.08	ppb
Calcium	43-1	234023.93	226022.84	229402.49	229816.42	1.75	ppb
Calcium	44-1	230620.01	220034.86	219877.61	223510.83	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.46	50.47	51.18	51.04	1.00	ppb
Cobalt	59-2	12.72	12.44	12.60	12.59	1.11	ppb
Copper	63-2	1393.92	1310.07	1317.31	1340.43	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	54-2	16278.22	15519.61	15721.13	15839.65	2.48	ppb
Iron	56-2	15914.02	15242.40	15736.18	15630.87	2.23	ppb
Iron	57-2	16104.20	15346.62	15535.06	15661.96	2.52	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09	Instrumnet Name :	P8
Client Sample ID :	MH1JE7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:58:07	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	365.04	369.25	356.31	363.53	1.82	ppb
Lead	207-1	353.48	357.39	355.12	355.33	0.55	ppb
Lead	208-1	372.59	373.22	361.17	368.99	1.84	ppb
Lithium	6-1				116		%
Magnesium	24-2	12134.21	11365.53	11358.90	11619.55	3.84	ppb
Manganese	55-2	354.36	339.21	343.09	345.55	2.28	ppb
Molybdenum	94-1	11.56	10.67	11.26	11.16	4.07	ppb
Molybdenum	95-1	8.23	8.39	8.49	8.37	1.57	ppb
Molybdenum	96-1	8.74	9.15	9.17	9.02	2.69	ppb
Molybdenum	97-1	8.66	8.53	8.98	8.72	2.68	ppb
Molybdenum	98-1	8.51	8.51	8.17	8.40	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.05	99.62	101.92	102.53	3.18	ppb
Phosphorus	31-2	2059.84	1976.93	2130.51	2055.76	3.74	ppb
Potassium	39-2	4663.77	4489.06	4509.61	4554.14	2.10	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	34.10	34.24	35.51	34.61	2.25	ppb
Selenium	77-2	38.21	41.74	38.19	39.38	5.19	ppb
Selenium	78-2	33.30	35.01	35.69	34.67	3.56	ppb
Silicon	28-1	1455.46	1456.60	1498.03	1470.03	1.65	ppb
Silver	107-1	1.77	1.87	1.77	1.81	3.11	ppb
Silver	109-1	1.86	1.75	1.87	1.83	3.79	ppb
Sodium	23-2	95272.54	90045.92	90261.63	91860.03	3.22	ppb
Strontium	86-1	902.44	885.33	889.85	892.54	0.99	ppb
Strontium	88-1	881.96	880.56	879.14	880.55	0.16	ppb
Sulfur	34-1	193335.11	195477.16	191664.74	193492.34	0.99	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.07	0.04	0.05	29.86	ppb
Thallium	205-1	0.06	0.05	0.07	0.06	14.21	ppb
Tin	118-1	792.26	797.00	815.40	801.55	1.53	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09	Instrumnet Name :	P8
Client Sample ID :	MH1JE7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:58:07	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	220.59	229.04	229.13	226.25	2.17	ppb
Uranium	238-1	1.88	1.74	1.78	1.80	3.87	ppb
Vanadium	51-2	25.59	24.15	24.44	24.72	3.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				103		%
Zinc	66-2	4076.49	3972.96	3974.40	4007.95	1.48	ppb
Zirconium	90-1	2.18	2.33	2.27	2.26	3.34	ppb
Zirconium	91-1	2.19	2.39	2.09	2.22	6.86	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-10	Instrumnet Name :	P8
Client Sample ID :	MH1JE7D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:01:01	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5206.76	5072.71	5158.23	5145.90	1.32	ppb
Antimony	121-1	25.24	24.12	25.53	24.96	2.99	ppb
Arsenic	75-2	11.88	11.62	11.83	11.77	1.17	ppb
Barium	135-1	133.59	131.19	134.57	133.12	1.31	ppb
Barium	137-1	135.93	132.71	137.88	135.51	1.93	ppb
Beryllium	9-1	0.36	0.32	0.32	0.33	6.05	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Boron	10-1	229.85	244.60	251.99	242.15	4.65	ppb
Boron	11-1	232.50	230.17	252.89	238.52	5.24	ppb
Bromine	81-1						cps
Cadmium	111-1	33.21	33.23	34.07	33.50	1.47	ppb
Cadmium	106-1	30.18	28.20	33.07	30.49	8.04	ppb
Cadmium	108-1	31.16	27.01	30.16	29.44	7.35	ppb
Calcium	43-1	182104.44	186709.40	186691.42	185168.42	1.43	ppb
Calcium	44-1	182958.14	184737.18	187737.79	185144.37	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.49	51.19	53.01	52.23	1.80	ppb
Cobalt	59-2	15.41	14.79	15.17	15.12	2.08	ppb
Copper	63-2	4153.39	4017.38	4136.62	4102.46	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				95		%
Iron	54-2	28204.67	27497.48	27919.27	27873.80	1.28	ppb
Iron	56-2	27471.89	26730.90	27214.48	27139.09	1.39	ppb
Iron	57-2	26822.26	26493.60	26919.89	26745.25	0.84	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-10	Instrumnet Name :	P8
Client Sample ID :	MH1JE7D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:01:01	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	316.28	323.94	329.95	323.39	2.12	ppb
Lead	207-1	306.19	326.28	319.52	317.33	3.22	ppb
Lead	208-1	320.58	327.71	335.76	328.02	2.32	ppb
Lithium	6-1				119		%
Magnesium	24-2	11354.83	11105.23	10920.09	11126.72	1.96	ppb
Manganese	55-2	403.91	400.98	400.37	401.75	0.47	ppb
Molybdenum	94-1	11.95	12.28	12.44	12.22	2.05	ppb
Molybdenum	95-1	9.66	10.11	10.61	10.13	4.70	ppb
Molybdenum	96-1	10.34	10.65	10.66	10.55	1.71	ppb
Molybdenum	97-1	10.37	10.51	9.71	10.20	4.15	ppb
Molybdenum	98-1	9.72	10.45	10.13	10.10	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.34	97.76	100.49	99.53	1.54	ppb
Phosphorus	31-2	2388.25	2362.58	2457.87	2402.90	2.05	ppb
Potassium	39-2	4518.87	4414.96	4503.90	4479.24	1.25	ppb
Rhodium	103-1				112		%
Rhodium	103-2				102		%
Scandium	45-1				116		%
Scandium	45-2				101		%
Selenium	82-1	32.42	33.69	33.31	33.14	1.97	ppb
Selenium	77-2	47.20	34.81	52.98	44.99	20.63	ppb
Selenium	78-2	34.45	35.22	39.03	36.23	6.77	ppb
Silicon	28-1	1185.52	1202.57	1209.84	1199.31	1.04	ppb
Silver	107-1	3.58	3.52	3.71	3.60	2.72	ppb
Silver	109-1	3.59	3.58	3.65	3.61	0.95	ppb
Sodium	23-2	87127.80	86341.57	85189.83	86219.73	1.13	ppb
Strontium	86-1	783.38	806.40	796.98	795.58	1.45	ppb
Strontium	88-1	772.63	778.18	799.67	783.50	1.82	ppb
Sulfur	34-1	157873.85	158812.37	162306.33	159664.18	1.46	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.05	0.07	0.04	63.41	ppb
Thallium	205-1	0.04	0.02	0.04	0.03	31.29	ppb
Tin	118-1	2387.05	2383.74	2450.46	2407.08	1.56	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-10	Instrumnet Name :	P8
Client Sample ID :	MH1JE7D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:01:01	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	200.28	198.96	199.63	199.62	0.33	ppb
Uranium	238-1	1.62	1.64	1.75	1.67	4.30	ppb
Vanadium	51-2	29.08	28.54	28.05	28.56	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				102		%
Zinc	66-2	3994.11	3948.77	4028.11	3990.33	1.00	ppb
Zirconium	90-1	1.96	2.04	1.96	1.99	2.11	ppb
Zirconium	91-1	1.87	1.93	2.06	1.95	5.17	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE7L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:03:57	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1163.35	1132.79	1117.19	1137.78	2.06	ppb
Antimony	121-1	4.51	4.69	4.72	4.64	2.48	ppb
Arsenic	75-2	2.11	1.85	2.10	2.02	7.18	ppb
Barium	135-1	26.35	25.52	26.54	26.14	2.08	ppb
Barium	137-1	24.68	24.51	26.14	25.11	3.57	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	5.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	109.19	108.28	106.61	108.03	1.21	ppb
Boron	11-1	108.35	106.54	107.47	107.45	0.84	ppb
Bromine	81-1						cps
Cadmium	111-1	2.56	2.50	2.36	2.47	4.24	ppb
Cadmium	106-1	4.40	3.90	3.22	3.84	15.36	ppb
Cadmium	108-1	2.06	2.07	2.03	2.05	1.18	ppb
Calcium	43-1	43865.81	44914.79	45805.10	44861.90	2.16	ppb
Calcium	44-1	44333.73	44682.22	46876.28	45297.41	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.58	10.89	10.58	10.68	1.71	ppb
Cobalt	59-2	2.73	2.62	2.56	2.64	3.35	ppb
Copper	63-2	313.36	306.22	307.92	309.17	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	3508.79	3359.91	3366.17	3411.62	2.47	ppb
Iron	56-2	3492.26	3441.15	3316.46	3416.62	2.65	ppb
Iron	57-2	3442.48	3328.22	3394.48	3388.39	1.69	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE7L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:03:57	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	75.12	74.63	73.19	74.31	1.35	ppb
Lead	207-1	75.23	71.18	70.63	72.35	3.47	ppb
Lead	208-1	74.69	72.77	70.17	72.54	3.13	ppb
Lithium	6-1				111		%
Magnesium	24-2	2483.36	2341.04	2281.55	2368.65	4.38	ppb
Manganese	55-2	73.94	71.19	70.91	72.01	2.33	ppb
Molybdenum	94-1	2.48	2.27	2.48	2.41	4.93	ppb
Molybdenum	95-1	1.58	1.86	1.88	1.77	9.45	ppb
Molybdenum	96-1	1.78	1.84	1.73	1.78	3.33	ppb
Molybdenum	97-1	1.72	1.75	1.77	1.75	1.47	ppb
Molybdenum	98-1	1.81	1.80	1.66	1.76	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.33	20.86	21.19	21.13	1.14	ppb
Phosphorus	31-2	421.87	444.01	397.00	420.96	5.59	ppb
Potassium	39-2	985.47	940.00	936.78	954.08	2.85	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	8.32	6.65	7.04	7.33	11.89	ppb
Selenium	77-2	6.24	8.94	1.82	5.67	63.40	ppb
Selenium	78-2	7.86	7.68	6.49	7.34	10.11	ppb
Silicon	28-1	255.26	272.74	271.30	266.43	3.64	ppb
Silver	107-1	0.41	0.46	0.45	0.44	5.45	ppb
Silver	109-1	0.39	0.43	0.39	0.40	6.48	ppb
Sodium	23-2	19413.29	18656.05	18072.59	18713.98	3.59	ppb
Strontium	86-1	187.28	175.68	181.99	181.65	3.20	ppb
Strontium	88-1	179.24	178.48	184.38	180.70	1.78	ppb
Sulfur	34-1	37058.85	40242.94	40441.32	39247.70	4.84	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.02	-0.04	-0.03		ppb
Tin	118-1	182.36	185.08	183.34	183.59	0.75	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE7L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:03:57	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	42.51	46.52	43.50	44.18	4.73	ppb
Uranium	238-1	0.39	0.38	0.31	0.36	12.55	ppb
Vanadium	51-2	5.29	5.16	5.09	5.18	2.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	860.38	831.11	825.49	838.99	2.23	ppb
Zirconium	90-1	0.41	0.45	0.44	0.43	5.28	ppb
Zirconium	91-1	0.38	0.41	0.35	0.38	8.51	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-11	Instrumnet Name :	P8
Client Sample ID :	MH1JE7S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:06:54	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5905.08	5877.95	6123.82	5968.95	2.26	ppb
Antimony	121-1	41.96	39.91	40.60	40.82	2.56	ppb
Arsenic	75-2	20.02	20.04	21.67	20.58	4.61	ppb
Barium	135-1	210.37	220.16	207.47	212.67	3.13	ppb
Barium	137-1	216.68	226.76	209.01	217.49	4.09	ppb
Beryllium	9-1	10.69	9.95	9.59	10.07	5.54	ppb
Bismuth	209-1				124		%
Bismuth	209-2				108		%
Boron	10-1	207.54	213.01	212.87	211.14	1.47	ppb
Boron	11-1	211.42	207.34	210.80	209.85	1.05	ppb
Bromine	81-1						cps
Cadmium	111-1	20.41	22.16	19.78	20.78	5.92	ppb
Cadmium	106-1	26.42	25.66	16.08	22.72	25.35	ppb
Cadmium	108-1	21.29	18.62	18.69	19.53	7.79	ppb
Calcium	43-1	202043.62	197177.31	205979.68	201733.54	2.19	ppb
Calcium	44-1	199570.69	196026.30	205123.61	200240.20	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.99	82.91	85.93	84.28	1.81	ppb
Cobalt	59-2	116.03	114.74	120.01	116.93	2.35	ppb
Copper	63-2	4909.85	5003.53	5042.48	4985.28	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				86		%
Iron	54-2	20833.28	20708.48	22492.40	21344.72	4.67	ppb
Iron	56-2	21019.95	20641.02	21699.02	21120.00	2.54	ppb
Iron	57-2	20494.04	20342.66	21201.78	20679.49	2.22	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-11	Instrumnet Name :	P8
Client Sample ID :	MH1JE7S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:06:54	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	729.88	712.25	767.07	736.40	3.80	ppb
Lead	207-1	649.73	642.59	654.04	648.78	0.89	ppb
Lead	208-1	700.67	681.78	703.45	695.30	1.70	ppb
Lithium	6-1				117		%
Magnesium	24-2	10022.57	9924.34	10399.63	10115.51	2.48	ppb
Manganese	55-2	758.09	755.70	800.70	771.50	3.28	ppb
Molybdenum	94-1	10.53	10.19	10.27	10.33	1.73	ppb
Molybdenum	95-1	7.97	8.02	8.06	8.02	0.57	ppb
Molybdenum	96-1	8.74	8.42	8.46	8.54	2.05	ppb
Molybdenum	97-1	8.00	8.25	8.16	8.14	1.60	ppb
Molybdenum	98-1	7.82	8.21	7.90	7.98	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	176.78	178.39	187.26	180.81	3.12	ppb
Phosphorus	31-2	2328.80	2392.23	2372.29	2364.44	1.37	ppb
Potassium	39-2	4464.05	4408.90	4589.51	4487.49	2.06	ppb
Rhodium	103-1				113		%
Rhodium	103-2				104		%
Scandium	45-1				116		%
Scandium	45-2				102		%
Selenium	82-1	44.93	46.95	45.82	45.90	2.20	ppb
Selenium	77-2	40.08	56.28	55.15	50.50	17.91	ppb
Selenium	78-2	42.07	46.02	50.00	46.03	8.61	ppb
Silicon	28-1	1446.21	1423.36	1447.53	1439.03	0.94	ppb
Silver	107-1	18.03	17.80	16.86	17.56	3.53	ppb
Silver	109-1	18.24	18.15	17.28	17.89	2.99	ppb
Sodium	23-2	78339.65	78392.06	80291.53	79007.75	1.41	ppb
Strontium	86-1	818.12	827.77	822.44	822.78	0.59	ppb
Strontium	88-1	793.54	800.90	796.79	797.08	0.46	ppb
Sulfur	34-1	163706.47	158470.13	168378.69	163518.43	3.03	ppb
Terbium	159-1				118		%
Terbium	159-2				105		%
Thallium	203-1	7.93	8.13	8.48	8.18	3.40	ppb
Thallium	205-1	8.07	7.68	8.27	8.01	3.74	ppb
Tin	118-1	8605.45	8302.39	8268.91	8392.25	2.21	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-11	Instrumnet Name :	P8
Client Sample ID :	MH1JE7S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:06:54	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	220.98	210.24	220.24	217.15	2.76	ppb
Uranium	238-1	1.75	1.66	1.71	1.71	2.61	ppb
Vanadium	51-2	129.19	127.70	131.99	129.63	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				105		%
Zinc	66-2	4289.28	4223.29	4394.75	4302.44	2.01	ppb
Zirconium	90-1	1.90	1.92	2.04	1.95	3.81	ppb
Zirconium	91-1	2.01	1.82	1.83	1.89	5.64	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-12	Instrumnet Name :	P8
Client Sample ID :	MH1JE8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:09:51	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6274.33	6077.16	6151.11	6167.53	1.61	ppb
Antimony	121-1	3.88	3.88	4.12	3.96	3.47	ppb
Arsenic	75-2	9.13	9.24	9.36	9.25	1.25	ppb
Barium	135-1	407.69	402.42	408.73	406.28	0.83	ppb
Barium	137-1	425.73	414.65	414.84	418.41	1.52	ppb
Beryllium	9-1	0.36	0.41	0.44	0.40	10.04	ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Boron	10-1	121.29	122.00	122.59	121.96	0.54	ppb
Boron	11-1	120.78	122.60	123.28	122.22	1.06	ppb
Bromine	81-1						cps
Cadmium	111-1	3.38	3.35	3.32	3.35	0.88	ppb
Cadmium	106-1	7.28	6.92	4.03	6.08	29.34	ppb
Cadmium	108-1	3.43	3.92	3.97	3.77	7.85	ppb
Calcium	43-1	58479.51	56104.90	58074.45	57552.95	2.21	ppb
Calcium	44-1	58019.06	57562.65	57116.76	57566.16	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.63	62.46	63.73	63.94	2.50	ppb
Cobalt	59-2	16.65	16.28	16.25	16.39	1.36	ppb
Copper	63-2	172.51	168.90	167.61	169.67	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	54-2	18998.58	18117.87	17935.37	18350.61	3.10	ppb
Iron	56-2	18280.81	17882.23	17989.09	18050.71	1.14	ppb
Iron	57-2	17940.80	17398.74	17820.63	17720.06	1.61	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-12	Instrumnet Name :	P8
Client Sample ID :	MH1JE8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:09:51	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	505.09	518.93	524.02	516.01	1.90	ppb
Lead	207-1	490.36	494.77	485.04	490.06	0.99	ppb
Lead	208-1	511.56	521.24	505.45	512.75	1.55	ppb
Lithium	6-1				118		%
Magnesium	24-2	8298.26	7896.38	7919.86	8038.17	2.81	ppb
Manganese	55-2	594.42	575.91	572.98	581.11	2.00	ppb
Molybdenum	94-1	4.68	4.48	4.42	4.52	3.03	ppb
Molybdenum	95-1	1.86	1.84	1.71	1.80	4.49	ppb
Molybdenum	96-1	2.28	2.13	2.25	2.22	3.50	ppb
Molybdenum	97-1	2.04	1.65	1.81	1.83	10.95	ppb
Molybdenum	98-1	1.73	1.83	1.73	1.76	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.96	29.62	30.60	30.72	3.82	ppb
Phosphorus	31-2	5050.09	5150.82	5064.78	5088.56	1.07	ppb
Potassium	39-2	7989.47	7794.10	7810.46	7864.68	1.38	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	82-1	0.84	-1.62	0.68	-0.03		ppb
Selenium	77-2	9.40	12.50	15.64	12.51	24.94	ppb
Selenium	78-2	2.51	3.22	2.32	2.69	17.75	ppb
Silicon	28-1	1473.31	1577.67	1475.72	1508.90	3.95	ppb
Silver	107-1	0.95	0.90	0.90	0.92	3.09	ppb
Silver	109-1	0.94	0.93	0.93	0.93	0.67	ppb
Sodium	23-2	20205.00	19282.38	19554.84	19680.74	2.41	ppb
Strontium	86-1	170.22	160.13	164.19	164.85	3.08	ppb
Strontium	88-1	165.95	165.24	167.60	166.27	0.73	ppb
Sulfur	34-1	5632.43	5301.44	5706.10	5546.66	3.89	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.07	0.05	0.08	38.97	ppb
Thallium	205-1	0.07	0.09	0.09	0.08	10.33	ppb
Tin	118-1	33.75	31.24	33.04	32.68	3.96	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-12	Instrumnet Name :	P8
Client Sample ID :	MH1JE8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:09:51	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	132.05	127.75	131.53	130.44	1.80	ppb
Uranium	238-1	1.04	1.03	1.02	1.03	0.93	ppb
Vanadium	51-2	24.35	23.44	23.22	23.67	2.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				107		%
Zinc	66-2	1904.30	1799.86	1854.72	1852.96	2.82	ppb
Zirconium	90-1	1.65	1.61	1.79	1.68	5.43	ppb
Zirconium	91-1	2.53	1.46	1.72	1.90	29.18	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-13	Instrumnet Name :	P8
Client Sample ID :	MH1JE9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:12:48	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5360.83	5139.83	5019.97	5173.54	3.34	ppb
Antimony	121-1	8.91	9.42	9.09	9.14	2.81	ppb
Arsenic	75-2	7.51	7.42	7.41	7.45	0.72	ppb
Barium	135-1	432.17	444.14	437.08	437.80	1.37	ppb
Barium	137-1	444.12	455.12	432.83	444.02	2.51	ppb
Beryllium	9-1	0.36	0.37	0.35	0.36	3.61	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	130.37	141.28	137.30	136.32	4.05	ppb
Boron	11-1	132.01	137.91	139.84	136.59	2.99	ppb
Bromine	81-1						cps
Cadmium	111-1	2.81	2.97	2.75	2.84	4.12	ppb
Cadmium	106-1	5.12	6.61	4.68	5.47	18.53	ppb
Cadmium	108-1	3.71	3.30	3.90	3.63	8.44	ppb
Calcium	43-1	68465.81	66154.94	66067.95	66896.23	2.03	ppb
Calcium	44-1	65354.15	68996.45	66485.86	66945.49	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.93	38.22	37.70	38.62	3.02	ppb
Cobalt	59-2	11.64	11.29	10.87	11.27	3.46	ppb
Copper	63-2	123.37	121.76	117.96	121.03	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	54-2	16196.57	15651.91	15219.56	15689.35	3.12	ppb
Iron	56-2	16011.04	15583.30	15061.01	15551.79	3.06	ppb
Iron	57-2	15904.50	15121.30	14869.59	15298.46	3.53	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-13	Instrumnet Name :	P8
Client Sample ID :	MH1JE9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:12:48	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	365.17	419.81	381.54	388.84	7.21	ppb
Lead	207-1	363.29	403.93	371.28	379.50	5.67	ppb
Lead	208-1	381.67	415.15	381.98	392.93	4.90	ppb
Lithium	6-1				112		%
Magnesium	24-2	8645.37	8150.13	8052.15	8282.55	3.84	ppb
Manganese	55-2	416.34	401.17	391.54	403.02	3.10	ppb
Molybdenum	94-1	7.27	7.10	7.69	7.35	4.16	ppb
Molybdenum	95-1	1.59	1.75	1.57	1.64	6.11	ppb
Molybdenum	96-1	2.54	2.63	2.32	2.50	6.50	ppb
Molybdenum	97-1	1.73	1.65	1.69	1.69	2.33	ppb
Molybdenum	98-1	1.70	1.63	1.74	1.69	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.14	28.98	28.14	29.08	3.46	ppb
Phosphorus	31-2	5174.57	5256.35	5093.20	5174.71	1.58	ppb
Potassium	39-2	8131.16	7888.60	7673.16	7897.64	2.90	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	82-1	0.87	0.08	-0.52	0.14	484.56	ppb
Selenium	77-2	9.17	6.52	11.79	9.16	28.76	ppb
Selenium	78-2	3.53	1.98	1.61	2.37	43.07	ppb
Silicon	28-1	1532.00	1583.56	1534.97	1550.18	1.87	ppb
Silver	107-1	1.05	1.12	1.02	1.06	4.39	ppb
Silver	109-1	1.00	1.12	1.07	1.07	5.69	ppb
Sodium	23-2	42353.15	40727.66	39983.72	41021.51	2.95	ppb
Strontium	86-1	156.89	157.48	156.48	156.95	0.32	ppb
Strontium	88-1	158.37	165.23	163.93	162.51	2.24	ppb
Sulfur	34-1	6168.18	5826.81	5356.22	5783.74	7.05	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.05	0.05	5.47	ppb
Thallium	205-1	0.07	0.06	0.01	0.05	61.34	ppb
Tin	118-1	35.72	37.61	36.01	36.45	2.78	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-13	Instrumnet Name :	P8
Client Sample ID :	MH1JE9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:12:48	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	129.60	131.05	130.65	130.43	0.58	ppb
Uranium	238-1	0.91	1.00	0.91	0.94	5.33	ppb
Vanadium	51-2	18.31	17.78	17.67	17.92	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	1689.54	1606.22	1592.51	1629.43	3.22	ppb
Zirconium	90-1	3.25	3.25	3.50	3.34	4.35	ppb
Zirconium	91-1	3.15	3.22	3.60	3.32	7.28	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:18:36	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50711.47	50623.31	51513.21	50949.33	0.96	ppb
Antimony	121-1	480.02	475.17	502.04	485.74	2.95	ppb
Arsenic	75-2	507.50	504.78	512.85	508.38	0.81	ppb
Barium	135-1	2445.58	2344.76	2543.98	2444.77	4.07	ppb
Barium	137-1	2457.81	2286.41	2489.38	2411.20	4.53	ppb
Beryllium	9-1	475.74	496.64	505.11	492.49	3.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	458.80	506.27	534.20	499.76	7.63	ppb
Boron	11-1	460.63	506.18	533.17	499.99	7.33	ppb
Bromine	81-1						cps
Cadmium	111-1	480.99	474.71	507.52	487.74	3.57	ppb
Cadmium	106-1	477.18	481.06	523.23	493.82	5.17	ppb
Cadmium	108-1	493.50	483.38	510.53	495.80	2.77	ppb
Calcium	43-1	255968.60	254354.85	246786.88	252370.11	1.94	ppb
Calcium	44-1	247605.03	250493.40	243851.32	247316.58	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.65	490.62	500.92	493.73	1.27	ppb
Cobalt	59-2	532.94	536.31	551.52	540.26	1.83	ppb
Copper	63-2	5235.81	5184.16	5383.80	5267.92	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				95		%
Iron	54-2	130272.37	130646.77	129617.27	130178.81	0.40	ppb
Iron	56-2	129728.19	126949.28	127498.67	128058.71	1.15	ppb
Iron	57-2	125116.64	124023.89	132181.88	127107.47	3.48	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:18:36	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2446.53	2452.95	2420.27	2439.92	0.71	ppb
Lead	207-1	2467.52	2484.60	2449.37	2467.16	0.71	ppb
Lead	208-1	2463.86	2456.08	2412.70	2444.21	1.13	ppb
Lithium	6-1				110		%
Magnesium	24-2	252054.57	249310.24	254153.08	251839.29	0.96	ppb
Manganese	55-2	5258.95	5219.62	5210.92	5229.83	0.49	ppb
Molybdenum	94-1	5278.89	5453.71	5452.11	5394.90	1.86	ppb
Molybdenum	95-1	5223.92	5369.08	5310.48	5301.16	1.38	ppb
Molybdenum	96-1	5355.10	5437.11	5363.65	5385.29	0.84	ppb
Molybdenum	97-1	5213.48	5406.09	5429.30	5349.62	2.21	ppb
Molybdenum	98-1	5276.63	5372.61	5336.95	5328.73	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.84	524.20	531.45	523.50	1.59	ppb
Phosphorus	31-2	10304.23	10009.33	10004.30	10105.95	1.70	ppb
Potassium	39-2	123334.04	125470.41	126872.55	125225.67	1.42	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				97		%
Selenium	82-1	522.76	529.90	540.30	530.99	1.66	ppb
Selenium	77-2	554.73	524.67	576.35	551.92	4.70	ppb
Selenium	78-2	535.99	517.45	548.08	533.84	2.89	ppb
Silicon	28-1	493.39	527.92	506.40	509.24	3.42	ppb
Silver	107-1	471.50	461.03	496.89	476.47	3.87	ppb
Silver	109-1	486.48	460.68	489.52	478.89	3.31	ppb
Sodium	23-2	250045.68	252773.28	254245.74	252354.90	0.84	ppb
Strontium	86-1	4934.42	4919.84	4784.34	4879.53	1.70	ppb
Strontium	88-1	4880.75	4886.73	4792.17	4853.22	1.09	ppb
Sulfur	34-1	12653.67	12244.54	10529.48	11809.23	9.54	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	475.16	490.59	463.46	476.40	2.86	ppb
Thallium	205-1	494.14	498.26	482.10	491.50	1.71	ppb
Tin	118-1	479.47	481.58	489.68	483.58	1.12	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:18:36	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5403.14	5473.60	5326.67	5401.14	1.36	ppb
Uranium	238-1	506.81	495.75	503.42	501.99	1.13	ppb
Vanadium	51-2	496.33	497.12	507.02	500.16	1.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	4972.80	4989.50	5110.92	5024.41	1.50	ppb
Zirconium	90-1	487.19	491.20	492.47	490.28	0.56	ppb
Zirconium	91-1	482.48	484.85	478.05	481.79	0.72	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:24:49	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.51	5.33	4.24	5.02	13.70	ppb
Antimony	121-1	0.11	0.08	0.14	0.11	30.34	ppb
Arsenic	75-2	0.00	-0.02	0.03	0.01	383.38	ppb
Barium	135-1	0.30	0.11	0.14	0.18	54.84	ppb
Barium	137-1	0.25	0.23	0.15	0.21	23.90	ppb
Beryllium	9-1	0.06	0.02	0.03	0.04	50.67	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	35.48	32.73	39.87	36.03	10.01	ppb
Boron	11-1	34.48	32.14	38.19	34.94	8.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.36	-0.25	-0.25		ppb
Cadmium	106-1	-2.18	-5.26	-3.80	-3.75		ppb
Cadmium	108-1	-0.10	-0.02	-0.24	-0.12		ppb
Calcium	43-1	52.47	44.68	41.35	46.17	12.35	ppb
Calcium	44-1	60.05	36.48	49.96	48.83	24.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.04	-0.03	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	285.72	ppb
Copper	63-2	0.39	0.35	0.35	0.36	6.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	14.36	12.12	10.40	12.29	16.17	ppb
Iron	56-2	12.35	11.30	10.82	11.49	6.83	ppb
Iron	57-2	11.04	10.17	12.10	11.10	8.74	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:24:49	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.21	0.21	0.22	7.08	ppb
Lead	207-1	0.25	0.20	0.12	0.19	35.24	ppb
Lead	208-1	0.23	0.16	0.17	0.19	20.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	19.70	21.79	21.97	21.16	5.96	ppb
Manganese	55-2	0.12	0.16	0.20	0.16	24.51	ppb
Molybdenum	94-1	0.33	0.22	0.35	0.30	24.04	ppb
Molybdenum	95-1	0.34	0.32	0.32	0.33	2.50	ppb
Molybdenum	96-1	0.41	0.33	0.30	0.35	16.19	ppb
Molybdenum	97-1	0.49	0.33	0.42	0.41	19.00	ppb
Molybdenum	98-1	0.43	0.29	0.39	0.37	18.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.03	0.02	49.70	ppb
Phosphorus	31-2	24.78	-3.33	-39.21	-5.92		ppb
Potassium	39-2	23.07	18.29	20.44	20.60	11.63	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	-1.89	-0.19	-3.02	-1.70		ppb
Selenium	77-2	-0.31	-0.35	-0.35	-0.34		ppb
Selenium	78-2	-0.66	0.40	-0.75	-0.33		ppb
Silicon	28-1	-19.61	-27.51	0.35	-15.59		ppb
Silver	107-1	0.03	0.05	0.06	0.04	37.52	ppb
Silver	109-1	0.04	0.04	0.01	0.03	47.98	ppb
Sodium	23-2	58.62	54.48	55.16	56.09	3.96	ppb
Strontium	86-1	0.13	-0.07	0.25	0.10	155.78	ppb
Strontium	88-1	0.31	0.26	0.23	0.27	15.06	ppb
Sulfur	34-1	-421.43	-1574.32	1121.67	-291.36		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.02	0.04	0.02	153.96	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	400.10	ppb
Tin	118-1	0.23	0.15	0.46	0.28	57.77	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:24:49	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.19	0.19	0.21	0.20	3.93	ppb
Uranium	238-1	0.04	0.02	0.02	0.02	44.25	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	75.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	0.17	0.35	0.49	0.33	47.91	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	30.30	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	46.74	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01	Instrumnet Name :	P8
Client Sample ID :	A0BA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:30:38	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11997.15	12144.72	11985.17	12042.35	0.74	ppb
Antimony	121-1	0.27	0.24	0.31	0.27	13.30	ppb
Arsenic	75-2	3.15	3.55	3.41	3.37	6.00	ppb
Barium	135-1	87.59	86.89	87.87	87.45	0.58	ppb
Barium	137-1	90.52	87.16	90.50	89.39	2.16	ppb
Beryllium	9-1	0.96	1.04	1.02	1.00	4.13	ppb
Bismuth	209-1				119		%
Bismuth	209-2				105		%
Boron	10-1	19.71	20.58	19.87	20.05	2.32	ppb
Boron	11-1	21.33	20.25	19.44	20.34	4.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.41	0.21	0.44	0.35	35.67	ppb
Cadmium	106-1	1.58	-0.72	1.75	0.87	158.90	ppb
Cadmium	108-1	0.31	0.06	0.26	0.21	62.43	ppb
Calcium	43-1	13230.63	13417.11	13378.11	13341.95	0.74	ppb
Calcium	44-1	13412.24	12949.63	13548.26	13303.38	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.43	13.19	13.09	13.24	1.32	ppb
Cobalt	59-2	6.21	6.30	6.26	6.25	0.71	ppb
Copper	63-2	12.43	12.61	12.68	12.57	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				103		%
Indium	115-1				116		%
Indium	115-2				99		%
Iron	54-2	20377.25	20990.59	20877.28	20748.37	1.57	ppb
Iron	56-2	19923.79	20075.83	20041.98	20013.87	0.40	ppb
Iron	57-2	19844.07	19731.35	19728.85	19768.09	0.33	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01	Instrumnet Name :	P8
Client Sample ID :	A0BA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:30:38	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	45.13	44.45	45.11	44.90	0.87	ppb
Lead	207-1	41.33	40.38	41.54	41.08	1.51	ppb
Lead	208-1	42.97	41.97	43.51	42.82	1.82	ppb
Lithium	6-1				116		%
Magnesium	24-2	3219.25	3266.59	3266.02	3250.62	0.84	ppb
Manganese	55-2	392.81	396.26	390.45	393.17	0.74	ppb
Molybdenum	94-1	2.21	2.23	1.97	2.14	6.67	ppb
Molybdenum	95-1	0.92	0.92	0.93	0.92	0.63	ppb
Molybdenum	96-1	1.16	1.27	1.29	1.24	5.67	ppb
Molybdenum	97-1	0.96	1.02	0.90	0.96	6.06	ppb
Molybdenum	98-1	0.92	1.05	0.84	0.94	11.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.19	8.08	7.78	8.02	2.63	ppb
Phosphorus	31-2	559.60	497.40	556.10	537.70	6.50	ppb
Potassium	39-2	1464.05	1496.95	1458.16	1473.05	1.42	ppb
Rhodium	103-1				113		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				99		%
Selenium	82-1	-1.46	0.37	-0.30	-0.46		ppb
Selenium	77-2	36.97	27.82	26.28	30.36	19.04	ppb
Selenium	78-2	5.25	3.11	6.98	5.11	37.86	ppb
Silicon	28-1	3165.86	3219.18	3121.89	3168.98	1.54	ppb
Silver	107-1	0.12	0.15	0.15	0.14	12.23	ppb
Silver	109-1	0.15	0.14	0.13	0.14	9.38	ppb
Sodium	23-2	183.37	184.59	187.15	185.04	1.04	ppb
Strontium	86-1	23.22	23.07	22.51	22.93	1.64	ppb
Strontium	88-1	23.00	22.76	23.19	22.99	0.94	ppb
Sulfur	34-1	-1991.35	-2249.21	-2194.04	-2144.87		ppb
Terbium	159-1				117		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.03	0.05	0.05	42.88	ppb
Thallium	205-1	0.04	0.04	0.07	0.05	28.05	ppb
Tin	118-1	2.54	2.47	2.56	2.53	1.95	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01	Instrumnet Name :	P8
Client Sample ID :	A0BA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:30:38	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	571.71	565.62	575.33	570.89	0.86	ppb
Uranium	238-1	2.32	2.38	2.41	2.37	1.99	ppb
Vanadium	51-2	20.57	20.55	20.42	20.51	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	105.24	108.11	107.27	106.87	1.38	ppb
Zirconium	90-1	0.73	0.72	0.72	0.72	1.08	ppb
Zirconium	91-1	0.64	0.72	0.68	0.68	5.85	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-02	Instrumnet Name :	P8
Client Sample ID :	A0BA4D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:33:38	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14461.55	14318.56	14298.41	14359.51	0.62	ppb
Antimony	121-1	0.35	0.29	0.29	0.31	10.29	ppb
Arsenic	75-2	3.80	3.97	3.66	3.81	4.06	ppb
Barium	135-1	103.83	104.72	98.08	102.21	3.53	ppb
Barium	137-1	108.28	105.36	98.57	104.07	4.79	ppb
Beryllium	9-1	1.14	1.18	1.24	1.19	4.05	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	18.32	17.68	16.59	17.53	4.97	ppb
Boron	11-1	16.71	16.33	15.64	16.22	3.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.63	0.46	0.23	0.44	45.47	ppb
Cadmium	106-1	3.48	2.04	-1.44	1.36	185.74	ppb
Cadmium	108-1	-0.01	0.44	-0.03	0.13	200.19	ppb
Calcium	43-1	16640.77	16393.58	16172.59	16402.31	1.43	ppb
Calcium	44-1	16143.26	16378.07	15832.15	16117.83	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.07	17.03	16.87	16.99	0.64	ppb
Cobalt	59-2	8.28	8.41	8.20	8.29	1.30	ppb
Copper	63-2	15.93	16.09	15.91	15.98	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	54-2	25123.24	25245.22	25394.81	25254.42	0.54	ppb
Iron	56-2	24681.54	24574.11	23664.52	24306.72	2.30	ppb
Iron	57-2	24009.93	23814.43	23739.60	23854.65	0.59	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-02	Instrumnet Name :	P8
Client Sample ID :	A0BA4D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:33:38	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	56.82	57.72	59.71	58.08	2.55	ppb
Lead	207-1	54.35	55.72	54.96	55.01	1.25	ppb
Lead	208-1	54.88	55.68	55.77	55.44	0.88	ppb
Lithium	6-1				114		%
Magnesium	24-2	4101.25	3969.42	4008.93	4026.53	1.68	ppb
Manganese	55-2	465.51	472.28	459.07	465.62	1.42	ppb
Molybdenum	94-1	2.74	2.77	2.44	2.65	6.75	ppb
Molybdenum	95-1	1.28	1.27	1.08	1.21	9.43	ppb
Molybdenum	96-1	1.61	1.75	1.54	1.63	6.31	ppb
Molybdenum	97-1	1.35	1.35	1.21	1.30	6.26	ppb
Molybdenum	98-1	1.25	1.29	1.18	1.24	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.50	10.90	10.36	10.59	2.67	ppb
Phosphorus	31-2	642.66	561.25	644.41	616.11	7.71	ppb
Potassium	39-2	1503.97	1540.32	1546.60	1530.30	1.50	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	-0.81	-0.85	-1.13	-0.93		ppb
Selenium	77-2	23.91	29.61	35.56	29.69	19.62	ppb
Selenium	78-2	5.28	4.96	6.46	5.57	14.21	ppb
Silicon	28-1	3239.58	3221.25	3122.22	3194.35	1.98	ppb
Silver	107-1	0.13	0.12	0.12	0.13	5.86	ppb
Silver	109-1	0.11	0.09	0.12	0.11	13.00	ppb
Sodium	23-2	206.23	202.17	201.85	203.42	1.20	ppb
Strontium	86-1	29.77	31.30	29.07	30.05	3.80	ppb
Strontium	88-1	30.76	31.63	29.90	30.76	2.82	ppb
Sulfur	34-1	-1767.29	-1542.64	-2084.31	-1798.08		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.06	0.05	0.06	16.80	ppb
Thallium	205-1	0.05	0.04	0.07	0.05	30.02	ppb
Tin	118-1	1.41	1.42	1.35	1.39	2.76	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-02	Instrumnet Name :	P8
Client Sample ID :	A0BA4D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:33:38	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	734.89	710.95	709.83	718.55	1.97	ppb
Uranium	238-1	2.36	2.49	2.50	2.45	3.19	ppb
Vanadium	51-2	26.19	26.17	25.63	26.00	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	128.41	129.95	125.72	128.03	1.67	ppb
Zirconium	90-1	0.98	0.94	0.85	0.92	7.46	ppb
Zirconium	91-1	0.81	0.78	0.88	0.82	6.22	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01LX5	Instrumnet Name :	P8
Client Sample ID :	A0BA4L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:36:37	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2158.34	2198.72	2215.54	2190.87	1.34	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	11.32	ppb
Arsenic	75-2	0.68	0.54	0.67	0.63	12.43	ppb
Barium	135-1	16.72	15.98	15.97	16.22	2.64	ppb
Barium	137-1	16.54	16.36	16.17	16.36	1.14	ppb
Beryllium	9-1	0.16	0.17	0.18	0.17	5.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	16.56	16.20	14.01	15.59	8.86	ppb
Boron	11-1	15.87	15.17	13.55	14.86	8.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.03	-0.08	0.02	467.55	ppb
Cadmium	106-1	1.14	-0.37	-1.61	-0.28		ppb
Cadmium	108-1	0.19	-0.05	-0.02	0.04	337.15	ppb
Calcium	43-1	2503.92	2443.20	2523.55	2490.22	1.68	ppb
Calcium	44-1	2476.35	2432.04	2486.41	2464.93	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.42	2.39	2.35	2.38	1.49	ppb
Cobalt	59-2	1.07	1.17	1.17	1.14	5.18	ppb
Copper	63-2	2.39	2.57	2.33	2.43	5.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	54-2	3611.00	3640.12	3669.28	3640.13	0.80	ppb
Iron	56-2	3594.77	3632.08	3742.48	3656.44	2.10	ppb
Iron	57-2	3593.86	3526.36	3586.30	3568.84	1.04	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01LX5	Instrumnet Name :	P8
Client Sample ID :	A0BA4L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:36:37	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.16	8.01	8.48	8.22	2.94	ppb
Lead	207-1	7.53	7.57	8.24	7.78	5.13	ppb
Lead	208-1	8.00	7.89	8.09	7.99	1.22	ppb
Lithium	6-1				109		%
Magnesium	24-2	595.01	588.37	593.91	592.43	0.60	ppb
Manganese	55-2	70.08	72.30	71.72	71.37	1.61	ppb
Molybdenum	94-1	0.33	0.46	0.35	0.38	18.04	ppb
Molybdenum	95-1	0.15	0.20	0.23	0.20	20.22	ppb
Molybdenum	96-1	0.26	0.20	0.24	0.24	12.92	ppb
Molybdenum	97-1	0.19	0.21	0.19	0.19	5.70	ppb
Molybdenum	98-1	0.21	0.19	0.16	0.19	12.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.50	1.62	1.51	7.45	ppb
Phosphorus	31-2	73.99	72.74	69.24	71.99	3.41	ppb
Potassium	39-2	260.61	265.55	275.33	267.16	2.80	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	-0.77	-1.12	0.88	-0.33		ppb
Selenium	77-2	3.71	0.70	5.06	3.16	70.76	ppb
Selenium	78-2	0.60	-0.67	1.32	0.42	241.96	ppb
Silicon	28-1	576.10	556.44	576.60	569.71	2.02	ppb
Silver	107-1	0.03	0.03	0.02	0.03	14.75	ppb
Silver	109-1	0.04	0.02	0.02	0.03	51.55	ppb
Sodium	23-2	57.26	59.85	58.63	58.58	2.22	ppb
Strontium	86-1	4.03	4.23	4.12	4.13	2.44	ppb
Strontium	88-1	4.22	4.47	4.18	4.29	3.61	ppb
Sulfur	34-1	-1835.21	-2238.98	-2130.66	-2068.28		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.06	-0.03	-0.05		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Tin	118-1	0.52	0.56	0.53	0.54	4.46	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01LX5	Instrumnet Name :	P8
Client Sample ID :	A0BA4L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:36:37	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	104.48	104.00	108.23	105.57	2.19	ppb
Uranium	238-1	0.46	0.42	0.47	0.45	5.79	ppb
Vanadium	51-2	3.78	3.92	3.68	3.79	3.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	19.88	19.70	19.33	19.64	1.44	ppb
Zirconium	90-1	0.16	0.14	0.15	0.15	5.86	ppb
Zirconium	91-1	0.06	0.16	0.14	0.12	41.07	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-03	Instrumnet Name :	P8
Client Sample ID :	A0BA4S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:39:41	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14056.62	13881.55	13781.06	13906.41	1.00	ppb
Antimony	121-1	14.59	14.44	14.24	14.42	1.21	ppb
Arsenic	75-2	11.55	11.75	11.51	11.60	1.08	ppb
Barium	135-1	496.61	507.03	508.03	503.89	1.26	ppb
Barium	137-1	521.24	533.36	519.56	524.72	1.44	ppb
Beryllium	9-1	11.56	11.23	11.86	11.55	2.71	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	12.82	12.20	13.78	12.93	6.15	ppb
Boron	11-1	12.00	12.03	12.87	12.30	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	10.82	10.80	10.65	10.76	0.87	ppb
Cadmium	106-1	12.50	12.96	7.34	10.93	28.53	ppb
Cadmium	108-1	8.26	10.25	9.51	9.34	10.82	ppb
Calcium	43-1	16377.26	16404.68	16744.74	16508.89	1.24	ppb
Calcium	44-1	16632.68	16934.43	17230.24	16932.45	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.36	54.67	54.67	54.57	0.33	ppb
Cobalt	59-2	114.77	112.14	113.32	113.41	1.16	ppb
Copper	63-2	66.20	66.08	66.87	66.38	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	54-2	23774.33	22875.63	24595.86	23748.61	3.62	ppb
Iron	56-2	22900.18	23023.89	22587.09	22837.05	0.99	ppb
Iron	57-2	22597.83	22505.00	22592.93	22565.25	0.23	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-03	Instrumnet Name :	P8
Client Sample ID :	A0BA4S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:39:41	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	55.53	56.89	59.89	57.44	3.88	ppb
Lead	207-1	54.40	53.75	60.23	56.13	6.36	ppb
Lead	208-1	55.28	55.06	59.44	56.59	4.37	ppb
Lithium	6-1				113		%
Magnesium	24-2	4105.68	4042.44	4107.97	4085.36	0.91	ppb
Manganese	55-2	534.78	538.80	532.39	535.32	0.60	ppb
Molybdenum	94-1	2.26	2.28	2.40	2.31	3.23	ppb
Molybdenum	95-1	0.79	0.70	0.65	0.71	9.96	ppb
Molybdenum	96-1	1.06	1.19	1.15	1.13	5.72	ppb
Molybdenum	97-1	0.78	0.78	0.78	0.78	0.35	ppb
Molybdenum	98-1	0.71	0.72	0.72	0.72	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.25	114.95	115.92	115.37	0.43	ppb
Phosphorus	31-2	1064.17	1113.03	1142.14	1106.45	3.56	ppb
Potassium	39-2	1759.46	1751.52	1723.11	1744.70	1.10	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	19.55	20.18	20.01	19.91	1.65	ppb
Selenium	77-2	41.97	58.35	47.99	49.44	16.77	ppb
Selenium	78-2	25.46	25.49	23.64	24.87	4.26	ppb
Silicon	28-1	3031.95	3137.63	3190.30	3119.96	2.58	ppb
Silver	107-1	12.58	13.47	13.12	13.06	3.46	ppb
Silver	109-1	13.43	12.97	12.73	13.04	2.72	ppb
Sodium	23-2	193.79	194.01	195.34	194.38	0.43	ppb
Strontium	86-1	28.84	28.89	28.90	28.88	0.12	ppb
Strontium	88-1	28.69	29.22	29.10	29.00	0.96	ppb
Sulfur	34-1	-1761.08	-2032.26	-1819.34	-1870.90		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	9.62	9.11	10.06	9.60	4.97	ppb
Thallium	205-1	9.69	9.46	10.54	9.90	5.76	ppb
Tin	118-1	1.23	1.45	1.33	1.34	8.48	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-03	Instrumnet Name :	P8
Client Sample ID :	A0BA4S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:39:41	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	689.01	685.27	711.74	695.34	2.06	ppb
Uranium	238-1	2.62	2.61	2.78	2.67	3.69	ppb
Vanadium	51-2	128.11	125.39	125.58	126.36	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				106		%
Zinc	66-2	230.43	226.74	227.07	228.08	0.89	ppb
Zirconium	90-1	0.93	0.94	0.90	0.93	2.06	ppb
Zirconium	91-1	0.94	0.83	1.02	0.93	9.99	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-04	Instrumnet Name :	P8
Client Sample ID :	A0BA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:42:40	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10930.36	10951.57	11584.29	11155.41	3.33	ppb
Antimony	121-1	0.47	0.48	0.47	0.47	0.93	ppb
Arsenic	75-2	2.86	2.87	2.98	2.90	2.20	ppb
Barium	135-1	89.80	91.95	89.80	90.52	1.37	ppb
Barium	137-1	86.71	92.85	90.57	90.04	3.44	ppb
Beryllium	9-1	0.95	0.90	0.95	0.93	3.13	ppb
Bismuth	209-1				116		%
Bismuth	209-2				101		%
Boron	10-1	9.25	9.54	9.08	9.29	2.50	ppb
Boron	11-1	9.55	9.27	9.23	9.35	1.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.45	0.25	0.39	32.08	ppb
Cadmium	106-1	4.03	3.10	1.11	2.75	54.14	ppb
Cadmium	108-1	0.25	0.57	0.35	0.39	42.16	ppb
Calcium	43-1	2236.53	2299.80	2319.35	2285.23	1.89	ppb
Calcium	44-1	2254.59	2299.27	2308.56	2287.47	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.92	5.14	5.39	5.15	4.54	ppb
Cobalt	59-2	5.04	5.05	5.37	5.15	3.64	ppb
Copper	63-2	8.91	8.84	9.30	9.02	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				102		%
Indium	115-1				115		%
Indium	115-2				99		%
Iron	54-2	34327.74	34351.41	35479.94	34719.70	1.90	ppb
Iron	56-2	33107.66	32282.46	35407.58	33599.23	4.82	ppb
Iron	57-2	32327.81	32493.07	34578.40	33133.09	3.79	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-04	Instrumnet Name :	P8
Client Sample ID :	A0BA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:42:40	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.84	20.02	20.02	19.96	0.50	ppb
Lead	207-1	17.94	18.38	18.67	18.33	1.99	ppb
Lead	208-1	18.57	18.93	19.43	18.97	2.28	ppb
Lithium	6-1				117		%
Magnesium	24-2	2937.62	2913.02	3115.67	2988.77	3.70	ppb
Manganese	55-2	1241.96	1245.11	1310.52	1265.86	3.06	ppb
Molybdenum	94-1	1.18	1.12	1.09	1.13	3.96	ppb
Molybdenum	95-1	0.46	0.54	0.41	0.47	14.32	ppb
Molybdenum	96-1	0.79	0.76	0.87	0.81	7.07	ppb
Molybdenum	97-1	0.44	0.43	0.46	0.44	3.31	ppb
Molybdenum	98-1	0.45	0.42	0.44	0.44	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.28	3.36	3.43	3.36	2.22	ppb
Phosphorus	31-2	608.59	504.36	583.94	565.63	9.63	ppb
Potassium	39-2	1884.11	1904.46	2036.52	1941.70	4.26	ppb
Rhodium	103-1				112		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	82-1	0.84	0.47	-1.15	0.05	2047.44	ppb
Selenium	77-2	40.07	36.35	56.07	44.17	23.73	ppb
Selenium	78-2	11.25	10.83	9.54	10.54	8.45	ppb
Silicon	28-1	1583.25	1582.80	1609.52	1591.86	0.96	ppb
Silver	107-1	0.16	0.12	0.11	0.13	21.72	ppb
Silver	109-1	0.16	0.13	0.09	0.13	26.81	ppb
Sodium	23-2	164.25	160.11	176.16	166.84	4.99	ppb
Strontium	86-1	9.91	9.16	9.75	9.61	4.09	ppb
Strontium	88-1	9.55	9.57	10.08	9.73	3.10	ppb
Sulfur	34-1	-2822.29	-2916.54	-2817.80	-2852.21		ppb
Terbium	159-1				117		%
Terbium	159-2				103		%
Thallium	203-1	-0.06	-0.01	-0.01	-0.03		ppb
Thallium	205-1	-0.03	0.00	-0.01	-0.02		ppb
Tin	118-1	1.27	1.38	1.32	1.32	3.87	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-04	Instrumnet Name :	P8
Client Sample ID :	A0BA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:42:40	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	110.19	108.75	109.78	109.57	0.68	ppb
Uranium	238-1	1.47	1.56	1.50	1.51	3.07	ppb
Vanadium	51-2	12.91	12.87	14.00	13.26	4.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				107		%
Zinc	66-2	265.92	266.48	277.71	270.04	2.46	ppb
Zirconium	90-1	0.43	0.41	0.39	0.41	4.73	ppb
Zirconium	91-1	0.40	0.39	0.42	0.40	3.25	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-05	Instrumnet Name :	P8
Client Sample ID :	A0BA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:45:43	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11247.97	11377.33	11195.74	11273.68	0.83	ppb
Antimony	121-1	0.05	0.04	0.07	0.05	29.34	ppb
Arsenic	75-2	3.54	3.41	3.61	3.52	2.92	ppb
Barium	135-1	71.44	68.29	66.13	68.62	3.89	ppb
Barium	137-1	70.58	69.92	68.84	69.78	1.26	ppb
Beryllium	9-1	1.19	1.17	1.20	1.19	1.43	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	7.15	8.04	7.23	7.47	6.59	ppb
Boron	11-1	7.78	6.64	7.28	7.24	7.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.90	0.58	0.46	0.65	35.23	ppb
Cadmium	106-1	7.67	2.54	1.90	4.04	78.40	ppb
Cadmium	108-1	0.79	0.59	0.88	0.75	19.34	ppb
Calcium	43-1	2807.18	2838.76	2768.53	2804.82	1.25	ppb
Calcium	44-1	2783.03	2838.11	2781.13	2800.75	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.01	7.60	7.24	7.28	4.05	ppb
Cobalt	59-2	5.40	5.26	5.20	5.29	1.94	ppb
Copper	63-2	20.67	20.50	20.31	20.49	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				101		%
Iron	54-2	33417.21	34091.55	33515.89	33674.88	1.08	ppb
Iron	56-2	32340.41	32314.69	32415.02	32356.71	0.16	ppb
Iron	57-2	31737.56	32662.95	31890.81	32097.11	1.55	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-05	Instrumnet Name :	P8
Client Sample ID :	A0BA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:45:43	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	29.54	30.84	29.29	29.89	2.78	ppb
Lead	207-1	28.80	30.20	28.11	29.04	3.66	ppb
Lead	208-1	29.36	29.91	29.04	29.44	1.50	ppb
Lithium	6-1				116		%
Magnesium	24-2	3434.09	3464.07	3440.27	3446.14	0.46	ppb
Manganese	55-2	1257.56	1239.20	1237.49	1244.75	0.89	ppb
Molybdenum	94-1	2.44	2.51	2.45	2.47	1.47	ppb
Molybdenum	95-1	0.99	0.95	0.86	0.94	7.11	ppb
Molybdenum	96-1	1.31	1.41	1.42	1.38	4.25	ppb
Molybdenum	97-1	1.06	0.79	1.03	0.96	15.17	ppb
Molybdenum	98-1	0.95	0.87	0.91	0.91	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.41	4.38	4.39	4.39	0.36	ppb
Phosphorus	31-2	688.01	751.99	748.71	729.57	4.94	ppb
Potassium	39-2	1308.71	1330.13	1308.23	1315.69	0.95	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	82-1	0.60	0.18	-0.07	0.24	144.55	ppb
Selenium	77-2	61.89	63.12	61.69	62.23	1.25	ppb
Selenium	78-2	14.27	10.22	11.91	12.13	16.75	ppb
Silicon	28-1	1730.03	1746.49	1736.60	1737.71	0.48	ppb
Silver	107-1	0.05	0.08	0.07	0.07	18.82	ppb
Silver	109-1	0.08	0.08	0.07	0.08	5.35	ppb
Sodium	23-2	286.77	285.11	288.41	286.76	0.57	ppb
Strontium	86-1	14.01	13.80	14.04	13.95	0.94	ppb
Strontium	88-1	14.59	14.62	14.20	14.47	1.62	ppb
Sulfur	34-1	-3515.08	-3516.82	-3663.61	-3565.17		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	0.00	-0.04	-0.02		ppb
Thallium	205-1	-0.01	0.01	0.00	0.00		ppb
Tin	118-1	1.21	1.21	1.13	1.18	3.80	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-05	Instrumnet Name :	P8
Client Sample ID :	A0BA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:45:43	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	266.68	267.53	271.91	268.70	1.05	ppb
Uranium	238-1	2.75	2.86	2.79	2.80	2.08	ppb
Vanadium	51-2	13.44	13.55	13.48	13.49	0.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				110		%
Zinc	66-2	174.58	180.55	175.12	176.75	1.87	ppb
Zirconium	90-1	0.94	0.93	0.96	0.94	1.40	ppb
Zirconium	91-1	0.87	0.88	0.74	0.83	9.33	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-06	Instrumnet Name :	P8
Client Sample ID :	A0BA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:48:44	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14110.08	13470.68	13737.62	13772.79	2.33	ppb
Antimony	121-1	0.12	0.08	0.10	0.10	18.05	ppb
Arsenic	75-2	3.93	3.96	4.17	4.02	3.17	ppb
Barium	135-1	68.96	71.04	67.06	69.02	2.88	ppb
Barium	137-1	69.48	68.63	67.22	68.45	1.67	ppb
Beryllium	9-1	1.55	1.45	1.46	1.49	3.66	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	6.67	6.25	6.62	6.51	3.53	ppb
Boron	11-1	6.50	6.05	6.89	6.48	6.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.67	0.42	0.31	0.47	39.66	ppb
Cadmium	106-1	6.72	3.98	0.94	3.88	74.54	ppb
Cadmium	108-1	0.48	0.33	0.07	0.29	69.87	ppb
Calcium	43-1	3035.33	3025.74	3042.69	3034.58	0.28	ppb
Calcium	44-1	3014.29	3064.07	3029.99	3036.12	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.03	5.70	5.60	5.78	3.93	ppb
Cobalt	59-2	6.74	6.57	6.61	6.64	1.34	ppb
Copper	63-2	15.13	14.37	14.84	14.78	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	43473.03	39827.59	41556.97	41619.19	4.38	ppb
Iron	56-2	41303.51	38959.46	40001.68	40088.21	2.93	ppb
Iron	57-2	41228.01	38521.12	38922.52	39557.22	3.69	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-06	Instrumnet Name :	P8
Client Sample ID :	A0BA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:48:44	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	31.18	30.25	30.38	30.60	1.66	ppb
Lead	207-1	30.38	29.08	29.34	29.60	2.33	ppb
Lead	208-1	30.38	29.40	29.44	29.74	1.85	ppb
Lithium	6-1				115		%
Magnesium	24-2	5122.53	4900.60	5062.64	5028.59	2.28	ppb
Manganese	55-2	1378.65	1281.25	1347.57	1335.82	3.72	ppb
Molybdenum	94-1	1.83	2.03	1.87	1.91	5.56	ppb
Molybdenum	95-1	0.91	0.81	0.82	0.85	5.93	ppb
Molybdenum	96-1	1.28	1.22	1.38	1.29	6.38	ppb
Molybdenum	97-1	0.95	0.82	0.94	0.91	7.93	ppb
Molybdenum	98-1	0.91	0.86	0.89	0.88	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.99	5.03	5.04	5.02	0.45	ppb
Phosphorus	31-2	936.47	839.88	849.39	875.25	6.08	ppb
Potassium	39-2	1209.41	1153.65	1197.76	1186.94	2.48	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				102		%
Selenium	82-1	1.05	1.33	2.18	1.52	38.69	ppb
Selenium	77-2	79.75	64.89	92.47	79.04	17.47	ppb
Selenium	78-2	16.30	16.03	12.52	14.95	14.10	ppb
Silicon	28-1	1821.39	1822.21	1808.88	1817.49	0.41	ppb
Silver	107-1	0.07	0.06	0.07	0.07	5.24	ppb
Silver	109-1	0.06	0.07	0.07	0.07	8.06	ppb
Sodium	23-2	272.87	260.23	263.64	265.58	2.46	ppb
Strontium	86-1	13.07	13.59	13.48	13.38	2.04	ppb
Strontium	88-1	13.81	13.69	13.83	13.77	0.56	ppb
Sulfur	34-1	-4335.15	-4239.92	-4448.66	-4341.24		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	1.27	1.31	1.36	1.31	3.57	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-06	Instrumnet Name :	P8
Client Sample ID :	A0BA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:48:44	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	88.81	90.61	91.94	90.45	1.74	ppb
Uranium	238-1	2.76	2.64	2.72	2.71	2.27	ppb
Vanadium	51-2	14.67	13.74	13.98	14.13	3.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				111		%
Zinc	66-2	207.92	201.41	204.44	204.59	1.59	ppb
Zirconium	90-1	0.64	0.63	0.67	0.65	3.30	ppb
Zirconium	91-1	0.62	0.61	0.53	0.59	8.66	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-07	Instrumnet Name :	P8
Client Sample ID :	A0BA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:51:47	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8629.80	8409.16	8776.09	8605.02	2.15	ppb
Antimony	121-1	2.30	2.28	2.39	2.32	2.48	ppb
Arsenic	75-2	7.24	7.50	8.06	7.60	5.49	ppb
Barium	135-1	100.27	95.23	103.86	99.79	4.35	ppb
Barium	137-1	102.04	94.82	102.05	99.64	4.19	ppb
Beryllium	9-1	0.64	0.64	0.63	0.63	0.89	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	7.53	7.98	7.81	7.77	2.89	ppb
Boron	11-1	7.95	7.79	7.75	7.83	1.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.30	0.43	0.34	25.52	ppb
Cadmium	106-1	0.41	0.96	3.01	1.46	93.86	ppb
Cadmium	108-1	0.13	0.56	0.58	0.42	59.63	ppb
Calcium	43-1	2182.27	2205.89	2238.07	2208.74	1.27	ppb
Calcium	44-1	2164.55	2193.07	2211.01	2189.54	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.45	20.66	21.44	21.18	2.13	ppb
Cobalt	59-2	9.13	8.85	9.26	9.08	2.30	ppb
Copper	63-2	62.48	60.25	63.10	61.95	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	54-2	54394.10	53298.30	53686.69	53793.03	1.03	ppb
Iron	56-2	53729.62	50796.47	54096.26	52874.11	3.42	ppb
Iron	57-2	54596.16	51910.57	55198.43	53901.72	3.25	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-07	Instrumnet Name :	P8
Client Sample ID :	A0BA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:51:47	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	578.20	562.72	605.29	582.07	3.70	ppb
Lead	207-1	579.57	561.18	581.83	574.19	1.97	ppb
Lead	208-1	610.04	585.74	608.78	601.52	2.27	ppb
Lithium	6-1				113		%
Magnesium	24-2	3403.61	3333.94	3454.06	3397.20	1.78	ppb
Manganese	55-2	465.39	454.04	470.20	463.21	1.79	ppb
Molybdenum	94-1	4.91	4.84	4.95	4.90	1.20	ppb
Molybdenum	95-1	4.60	4.67	4.73	4.67	1.40	ppb
Molybdenum	96-1	4.98	5.30	5.32	5.20	3.70	ppb
Molybdenum	97-1	4.76	4.68	4.67	4.70	1.02	ppb
Molybdenum	98-1	4.58	4.63	4.80	4.67	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.22	15.31	15.90	15.48	2.39	ppb
Phosphorus	31-2	622.12	612.50	625.00	619.87	1.06	ppb
Potassium	39-2	1147.77	1086.31	1119.70	1117.93	2.75	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	-1.29	-0.87	0.14	-0.67		ppb
Selenium	77-2	20.06	25.72	27.41	24.40	15.78	ppb
Selenium	78-2	4.66	4.12	6.26	5.02	22.22	ppb
Silicon	28-1	1378.87	1410.20	1424.17	1404.41	1.65	ppb
Silver	107-1	0.12	0.14	0.17	0.14	18.25	ppb
Silver	109-1	0.15	0.18	0.14	0.16	11.70	ppb
Sodium	23-2	207.67	202.53	211.60	207.27	2.20	ppb
Strontium	86-1	10.47	9.84	10.92	10.41	5.18	ppb
Strontium	88-1	11.04	10.66	10.87	10.86	1.72	ppb
Sulfur	34-1	-4070.48	-3658.58	-3704.49	-3811.18		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.04	0.05	0.05	19.99	ppb
Thallium	205-1	0.02	0.02	0.04	0.02	37.89	ppb
Tin	118-1	140.15	137.95	147.44	141.85	3.50	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-07	Instrumnet Name :	P8
Client Sample ID :	A0BA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:51:47	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	413.40	421.08	414.53	416.34	1.00	ppb
Uranium	238-1	1.48	1.48	1.49	1.48	0.31	ppb
Vanadium	51-2	26.00	25.58	26.24	25.94	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	159.10	153.63	165.22	159.32	3.64	ppb
Zirconium	90-1	0.56	0.51	0.50	0.53	6.28	ppb
Zirconium	91-1	0.52	0.47	0.52	0.50	6.57	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-08	Instrumnet Name :	P8
Client Sample ID :	A0BA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:54:47	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19677.13	18640.98	20891.90	19736.67	5.71	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	38.40	ppb
Arsenic	75-2	1.45	1.39	1.51	1.45	4.00	ppb
Barium	135-1	78.57	80.36	80.62	79.85	1.40	ppb
Barium	137-1	79.24	80.92	84.45	81.54	3.26	ppb
Beryllium	9-1	1.11	1.11	1.19	1.14	3.64	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	4.84	4.24	4.71	4.60	6.88	ppb
Boron	11-1	4.79	4.68	4.83	4.77	1.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.46	0.30	0.36	25.08	ppb
Cadmium	106-1	3.40	5.10	3.17	3.89	27.04	ppb
Cadmium	108-1	0.23	0.09	0.16	0.16	46.34	ppb
Calcium	43-1	6259.02	6487.01	6359.50	6368.51	1.79	ppb
Calcium	44-1	6406.31	6285.83	6488.06	6393.40	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.62	13.23	14.33	13.73	4.09	ppb
Cobalt	59-2	11.89	11.63	12.92	12.14	5.61	ppb
Copper	63-2	30.76	29.26	32.13	30.71	4.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	54-2	51125.04	49909.17	54932.91	51989.04	5.04	ppb
Iron	56-2	51080.90	48851.45	53198.97	51043.77	4.26	ppb
Iron	57-2	49928.12	49640.95	54266.09	51278.39	5.05	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-08	Instrumnet Name :	P8
Client Sample ID :	A0BA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:54:47	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.28	8.10	7.98	8.12	1.89	ppb
Lead	207-1	8.01	7.29	7.57	7.62	4.78	ppb
Lead	208-1	8.07	7.69	7.81	7.86	2.44	ppb
Lithium	6-1				115		%
Magnesium	24-2	8560.85	8129.55	9083.10	8591.17	5.56	ppb
Manganese	55-2	785.66	746.64	827.48	786.59	5.14	ppb
Molybdenum	94-1	0.86	0.92	0.88	0.89	3.57	ppb
Molybdenum	95-1	0.36	0.41	0.41	0.39	7.65	ppb
Molybdenum	96-1	0.93	0.94	0.91	0.93	1.56	ppb
Molybdenum	97-1	0.29	0.40	0.42	0.37	18.98	ppb
Molybdenum	98-1	0.36	0.28	0.38	0.34	15.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.30	8.03	8.72	8.35	4.13	ppb
Phosphorus	31-2	1247.31	1288.61	1307.80	1281.24	2.41	ppb
Potassium	39-2	2198.30	2148.43	2347.10	2231.27	4.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	82-1	-1.69	-0.51	-0.92	-1.04		ppb
Selenium	77-2	17.28	21.57	15.33	18.06	17.66	ppb
Selenium	78-2	1.96	2.54	3.14	2.55	23.22	ppb
Silicon	28-1	1952.34	2095.54	2059.42	2035.77	3.66	ppb
Silver	107-1	0.05	0.05	0.04	0.05	5.76	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.16	ppb
Sodium	23-2	466.54	436.29	495.98	466.27	6.40	ppb
Strontium	86-1	37.09	37.84	39.29	38.08	2.94	ppb
Strontium	88-1	37.83	38.19	40.22	38.74	3.32	ppb
Sulfur	34-1	-4738.30	-4036.63	-4512.22	-4429.05		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.01	-0.01	-0.02		ppb
Thallium	205-1	-0.03	-0.04	-0.01	-0.03		ppb
Tin	118-1	0.31	0.29	0.34	0.31	9.00	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-08	Instrumnet Name :	P8
Client Sample ID :	A0BA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:54:47	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	462.70	493.87	487.10	481.22	3.41	ppb
Uranium	238-1	1.52	1.40	1.52	1.48	4.61	ppb
Vanadium	51-2	41.12	39.42	44.41	41.65	6.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	131.80	129.37	139.98	133.72	4.16	ppb
Zirconium	90-1	0.30	0.32	0.35	0.32	7.79	ppb
Zirconium	91-1	0.23	0.32	0.33	0.29	19.67	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-09	Instrumnet Name :	P8
Client Sample ID :	A0BB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:57:47	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9188.18	9167.07	9229.02	9194.75	0.34	ppb
Antimony	121-1	0.54	0.51	0.53	0.53	2.72	ppb
Arsenic	75-2	3.69	3.63	3.76	3.69	1.81	ppb
Barium	135-1	104.59	103.54	101.60	103.24	1.47	ppb
Barium	137-1	103.43	106.19	103.52	104.38	1.50	ppb
Beryllium	9-1	0.59	0.57	0.61	0.59	3.49	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	5.39	5.51	4.62	5.18	9.29	ppb
Boron	11-1	4.93	4.82	5.25	5.00	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.40	0.02	0.22	86.69	ppb
Cadmium	106-1	-0.08	1.62	-2.87	-0.45		ppb
Cadmium	108-1	0.39	0.29	0.23	0.30	27.23	ppb
Calcium	43-1	4018.06	4023.10	4141.86	4061.01	1.73	ppb
Calcium	44-1	4050.11	4065.99	4110.56	4075.56	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.37	10.52	10.80	10.56	2.05	ppb
Cobalt	59-2	6.72	6.49	6.62	6.61	1.74	ppb
Copper	63-2	31.92	31.19	31.71	31.61	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	54-2	16575.96	16270.47	16388.64	16411.69	0.94	ppb
Iron	56-2	16104.68	16388.14	16432.64	16308.49	1.09	ppb
Iron	57-2	16124.87	15941.69	16134.02	16066.86	0.68	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-09	Instrumnet Name :	P8
Client Sample ID :	A0BB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:57:47	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	58.83	57.32	55.34	57.16	3.06	ppb
Lead	207-1	56.28	58.21	53.45	55.98	4.28	ppb
Lead	208-1	56.77	58.07	53.52	56.12	4.18	ppb
Lithium	6-1				114		%
Magnesium	24-2	3174.27	3170.36	3122.54	3155.72	0.91	ppb
Manganese	55-2	320.28	317.30	319.82	319.13	0.50	ppb
Molybdenum	94-1	1.35	1.39	1.10	1.28	12.27	ppb
Molybdenum	95-1	0.63	0.67	0.65	0.65	2.41	ppb
Molybdenum	96-1	0.76	0.83	0.80	0.80	4.41	ppb
Molybdenum	97-1	0.56	0.63	0.66	0.62	8.30	ppb
Molybdenum	98-1	0.60	0.61	0.67	0.63	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.09	11.45	11.82	11.79	2.70	ppb
Phosphorus	31-2	640.37	702.89	774.99	706.08	9.54	ppb
Potassium	39-2	1194.98	1216.55	1206.28	1205.93	0.89	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	-1.54	-0.33	-0.04	-0.64		ppb
Selenium	77-2	18.74	9.76	15.02	14.51	31.10	ppb
Selenium	78-2	1.46	3.79	3.07	2.77	43.13	ppb
Silicon	28-1	1494.21	1477.12	1631.61	1534.31	5.52	ppb
Silver	107-1	0.17	0.15	0.16	0.16	7.38	ppb
Silver	109-1	0.17	0.18	0.19	0.18	3.47	ppb
Sodium	23-2	164.70	166.86	165.37	165.65	0.67	ppb
Strontium	86-1	18.97	19.34	19.36	19.22	1.14	ppb
Strontium	88-1	19.27	19.55	19.88	19.57	1.57	ppb
Sulfur	34-1	-4436.39	-4415.17	-4062.33	-4304.63		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.02	0.01	124.61	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00		ppb
Tin	118-1	1.57	1.49	1.54	1.53	2.58	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-09	Instrumnet Name :	P8
Client Sample ID :	A0BB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:57:47	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	437.99	447.22	471.38	452.20	3.81	ppb
Uranium	238-1	1.13	1.15	1.12	1.14	1.15	ppb
Vanadium	51-2	21.96	22.25	21.69	21.97	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	133.06	131.72	134.39	133.06	1.00	ppb
Zirconium	90-1	0.44	0.47	0.41	0.44	6.86	ppb
Zirconium	91-1	0.37	0.40	0.35	0.37	7.01	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-10	Instrumnet Name :	P8
Client Sample ID :	A0BB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:00:47	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8962.90	8731.25	8455.13	8716.43	2.92	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	18.21	ppb
Arsenic	75-2	2.40	2.09	2.12	2.20	7.71	ppb
Barium	135-1	52.99	52.97	56.85	54.27	4.12	ppb
Barium	137-1	53.69	53.20	57.34	54.74	4.13	ppb
Beryllium	9-1	0.87	0.96	1.06	0.96	10.22	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	2.94	3.17	3.82	3.31	13.71	ppb
Boron	11-1	2.84	3.19	3.12	3.05	6.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.15	0.31	0.22	38.22	ppb
Cadmium	106-1	1.09	0.73	3.24	1.69	80.37	ppb
Cadmium	108-1	0.12	0.23	0.06	0.13	66.18	ppb
Calcium	43-1	1967.98	1903.14	2004.44	1958.52	2.62	ppb
Calcium	44-1	1924.66	1885.38	1986.43	1932.16	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.70	7.40	7.32	7.47	2.71	ppb
Cobalt	59-2	5.51	5.28	5.11	5.30	3.79	ppb
Copper	63-2	7.91	7.89	7.67	7.82	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	30166.08	30068.30	28787.34	29673.90	2.59	ppb
Iron	56-2	29502.71	28563.62	27609.71	28558.68	3.31	ppb
Iron	57-2	29449.45	27935.13	27277.53	28220.70	3.95	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-10	Instrumnet Name :	P8
Client Sample ID :	A0BB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:00:47	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.02	10.49	11.93	11.15	6.57	ppb
Lead	207-1	10.40	10.15	10.92	10.49	3.75	ppb
Lead	208-1	10.95	10.43	11.21	10.86	3.65	ppb
Lithium	6-1				114		%
Magnesium	24-2	2722.05	2700.30	2608.81	2677.06	2.24	ppb
Manganese	55-2	879.26	864.84	837.24	860.45	2.48	ppb
Molybdenum	94-1	2.15	2.33	2.45	2.31	6.57	ppb
Molybdenum	95-1	0.94	0.91	1.06	0.97	8.12	ppb
Molybdenum	96-1	1.37	1.43	1.52	1.44	5.33	ppb
Molybdenum	97-1	1.14	0.99	0.98	1.03	8.63	ppb
Molybdenum	98-1	0.93	0.95	0.96	0.95	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.74	4.70	4.52	4.65	2.55	ppb
Phosphorus	31-2	571.19	522.18	518.25	537.21	5.49	ppb
Potassium	39-2	1402.11	1358.09	1297.37	1352.52	3.89	ppb
Rhodium	103-1				112		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	82-1	-0.72	-0.61	-0.38	-0.57		ppb
Selenium	77-2	26.06	34.82	34.53	31.80	15.65	ppb
Selenium	78-2	6.06	8.62	7.44	7.37	17.38	ppb
Silicon	28-1	1489.17	1481.12	1535.72	1502.01	1.96	ppb
Silver	107-1	0.05	0.05	0.09	0.06	30.73	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.50	ppb
Sodium	23-2	238.28	230.50	232.58	233.79	1.72	ppb
Strontium	86-1	10.84	11.29	11.99	11.37	5.11	ppb
Strontium	88-1	11.17	11.32	12.11	11.53	4.41	ppb
Sulfur	34-1	-5111.52	-5226.61	-4684.40	-5007.51		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.87	0.81	0.95	0.88	8.32	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-10	Instrumnet Name :	P8
Client Sample ID :	A0BB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:00:47	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	207.65	204.44	205.90	206.00	0.78	ppb
Uranium	238-1	1.97	2.00	2.21	2.06	6.50	ppb
Vanadium	51-2	15.49	14.35	14.33	14.73	4.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				106		%
Zinc	66-2	107.98	103.50	99.63	103.70	4.03	ppb
Zirconium	90-1	0.76	0.79	0.77	0.77	1.82	ppb
Zirconium	91-1	0.65	0.68	0.67	0.67	2.06	ppb

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5000-11 Instrumnet Name : P8
 Client Sample ID : A0BB2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 16:03:50 DataFile Name : 085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5029.64	5051.34	5073.51	5051.50	0.43	ppb
Antimony	121-1	0.34	0.32	0.35	0.34	4.15	ppb
Arsenic	75-2	5.15	4.96	4.71	4.94	4.38	ppb
Barium	135-1	105.91	109.51	104.56	106.66	2.40	ppb
Barium	137-1	107.04	108.99	111.53	109.19	2.06	ppb
Beryllium	9-1	0.63	0.66	0.70	0.66	5.27	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	2.05	2.48	2.70	2.41	13.65	ppb
Boron	11-1	2.03	2.72	3.00	2.59	19.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.74	0.68	0.64	0.69	7.19	ppb
Cadmium	106-1	2.34	1.57	1.93	1.95	19.85	ppb
Cadmium	108-1	0.58	0.46	0.75	0.60	24.09	ppb
Calcium	43-1	1671.48	1697.46	1692.45	1687.13	0.82	ppb
Calcium	44-1	1648.54	1680.95	1718.14	1682.54	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.46	19.29	19.56	19.44	0.72	ppb
Cobalt	59-2	5.71	5.93	5.66	5.77	2.51	ppb
Copper	63-2	22.66	22.48	23.09	22.74	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	54-2	22543.97	22353.09	22341.60	22412.89	0.51	ppb
Iron	56-2	21673.05	21616.55	21832.69	21707.43	0.52	ppb
Iron	57-2	21287.08	20976.85	21567.23	21277.05	1.39	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-11	Instrumnet Name :	P8
Client Sample ID :	A0BB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:03:50	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38.07	39.12	39.56	38.92	1.97	ppb
Lead	207-1	38.07	36.93	38.26	37.75	1.90	ppb
Lead	208-1	38.18	37.72	38.80	38.24	1.41	ppb
Lithium	6-1				111		%
Magnesium	24-2	1584.14	1571.36	1604.06	1586.52	1.04	ppb
Manganese	55-2	1612.59	1633.55	1624.21	1623.45	0.65	ppb
Molybdenum	94-1	3.72	3.29	3.63	3.55	6.46	ppb
Molybdenum	95-1	1.78	1.91	1.94	1.88	4.52	ppb
Molybdenum	96-1	2.27	2.04	2.12	2.14	5.28	ppb
Molybdenum	97-1	1.99	1.63	1.70	1.78	10.87	ppb
Molybdenum	98-1	2.01	1.71	1.77	1.83	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.45	8.42	8.43	8.43	0.13	ppb
Phosphorus	31-2	670.53	581.55	663.08	638.39	7.73	ppb
Potassium	39-2	570.13	568.80	596.48	578.47	2.70	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	82-1	0.55	-0.42	1.15	0.43	185.68	ppb
Selenium	77-2	96.64	92.01	101.38	96.68	4.85	ppb
Selenium	78-2	17.50	17.22	16.55	17.09	2.85	ppb
Silicon	28-1	1252.64	1268.65	1253.07	1258.12	0.72	ppb
Silver	107-1	0.11	0.15	0.15	0.14	14.87	ppb
Silver	109-1	0.14	0.14	0.12	0.13	10.85	ppb
Sodium	23-2	208.21	223.63	216.17	216.00	3.57	ppb
Strontium	86-1	7.04	6.31	6.67	6.68	5.45	ppb
Strontium	88-1	6.94	7.03	6.90	6.96	0.95	ppb
Sulfur	34-1	-5631.04	-5342.85	-5042.54	-5338.81		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	-0.06	-0.04	-0.05	-0.05		ppb
Thallium	205-1	-0.06	-0.05	-0.04	-0.05		ppb
Tin	118-1	1.33	1.29	1.27	1.30	2.11	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-11	Instrumnet Name :	P8
Client Sample ID :	A0BB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:03:50	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	90.37	91.16	92.56	91.36	1.21	ppb
Uranium	238-1	1.53	1.59	1.56	1.56	2.14	ppb
Vanadium	51-2	12.97	12.60	12.85	12.80	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				109		%
Zinc	66-2	173.34	174.81	176.04	174.73	0.77	ppb
Zirconium	90-1	1.07	1.04	1.14	1.08	4.50	ppb
Zirconium	91-1	1.17	1.04	1.12	1.11	5.93	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-12	Instrumnet Name :	P8
Client Sample ID :	A0BB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:06:50	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8213.06	8130.21	8202.76	8182.01	0.55	ppb
Antimony	121-1	0.09	0.11	0.12	0.11	12.97	ppb
Arsenic	75-2	4.58	4.01	4.55	4.38	7.38	ppb
Barium	135-1	74.81	71.34	72.03	72.73	2.53	ppb
Barium	137-1	75.05	72.82	74.90	74.26	1.68	ppb
Beryllium	9-1	0.95	0.99	0.95	0.96	2.10	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	1.96	1.35	1.80	1.71	18.47	ppb
Boron	11-1	1.79	1.51	1.50	1.60	10.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	0.34	0.75	0.55	36.96	ppb
Cadmium	106-1	2.95	0.99	5.71	3.21	73.78	ppb
Cadmium	108-1	0.04	0.51	0.90	0.48	88.97	ppb
Calcium	43-1	1635.80	1645.52	1701.81	1661.04	2.15	ppb
Calcium	44-1	1647.96	1659.22	1693.00	1666.73	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.76	10.74	10.92	10.81	0.92	ppb
Cobalt	59-2	4.79	4.76	4.69	4.75	1.10	ppb
Copper	63-2	11.46	11.21	10.92	11.20	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				114		%
Indium	115-2				99		%
Iron	54-2	28611.94	27841.43	28515.48	28322.95	1.48	ppb
Iron	56-2	28409.48	27673.20	27799.54	27960.74	1.41	ppb
Iron	57-2	27222.06	26857.14	27215.78	27098.33	0.77	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-12	Instrumnet Name :	P8
Client Sample ID :	A0BB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:06:50	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.84	26.76	27.70	27.10	1.93	ppb
Lead	207-1	26.81	25.52	26.00	26.11	2.50	ppb
Lead	208-1	26.75	26.02	26.85	26.54	1.70	ppb
Lithium	6-1				115		%
Magnesium	24-2	2496.72	2500.09	2544.14	2513.65	1.05	ppb
Manganese	55-2	1362.89	1334.43	1347.30	1348.21	1.06	ppb
Molybdenum	94-1	4.90	5.07	4.61	4.86	4.81	ppb
Molybdenum	95-1	1.88	1.82	1.85	1.85	1.62	ppb
Molybdenum	96-1	2.51	2.36	2.29	2.39	4.75	ppb
Molybdenum	97-1	1.97	1.98	1.90	1.95	2.29	ppb
Molybdenum	98-1	1.84	1.88	1.84	1.85	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.21	4.13	4.02	4.12	2.32	ppb
Phosphorus	31-2	713.54	572.12	553.72	613.13	14.26	ppb
Potassium	39-2	746.84	745.27	743.47	745.19	0.23	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	82-1	0.65	1.04	-0.93	0.26	407.91	ppb
Selenium	77-2	91.72	77.24	100.45	89.80	13.05	ppb
Selenium	78-2	15.09	14.86	14.50	14.82	2.00	ppb
Silicon	28-1	1479.89	1460.83	1516.66	1485.79	1.91	ppb
Silver	107-1	0.06	0.06	0.09	0.07	22.53	ppb
Silver	109-1	0.05	0.07	0.08	0.07	22.57	ppb
Sodium	23-2	250.49	251.80	258.57	253.62	1.71	ppb
Strontium	86-1	7.19	7.50	7.64	7.44	3.05	ppb
Strontium	88-1	7.92	7.79	7.64	7.78	1.81	ppb
Sulfur	34-1	-5527.96	-5658.92	-5473.06	-5553.31		ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	-0.04	-0.04	-0.05	-0.05		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Tin	118-1	0.93	0.98	0.99	0.96	3.26	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-12	Instrumnet Name :	P8
Client Sample ID :	A0BB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:06:50	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	97.29	100.21	101.36	99.62	2.11	ppb
Uranium	238-1	2.06	2.02	1.99	2.02	1.64	ppb
Vanadium	51-2	13.95	13.50	13.72	13.72	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				110		%
Zinc	66-2	161.78	158.24	157.99	159.34	1.33	ppb
Zirconium	90-1	1.82	1.68	1.83	1.78	4.75	ppb
Zirconium	91-1	1.78	1.79	1.74	1.77	1.56	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-13	Instrumnet Name :	P8
Client Sample ID :	A0BC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:09:54	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13005.77	12833.74	12625.60	12821.70	1.48	ppb
Antimony	121-1	23.84	24.50	23.97	24.10	1.44	ppb
Arsenic	75-2	8.74	8.46	8.42	8.54	2.04	ppb
Barium	135-1	1590.05	1685.56	1569.87	1615.16	3.83	ppb
Barium	137-1	1629.09	1620.84	1553.00	1600.98	2.61	ppb
Beryllium	9-1	0.77	0.74	0.73	0.75	2.64	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	4.25	4.80	4.44	4.49	6.28	ppb
Boron	11-1	4.46	4.64	4.16	4.42	5.40	ppb
Bromine	81-1						cps
Cadmium	111-1	2.25	2.31	2.24	2.27	1.59	ppb
Cadmium	106-1	3.33	4.54	3.11	3.66	21.01	ppb
Cadmium	108-1	2.80	2.64	2.91	2.78	4.78	ppb
Calcium	43-1	24097.92	24900.84	24306.54	24435.10	1.70	ppb
Calcium	44-1	23118.97	24564.09	24584.14	24089.07	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.62	23.07	22.71	23.13	1.99	ppb
Cobalt	59-2	6.50	6.64	6.50	6.55	1.20	ppb
Copper	63-2	143.08	142.48	138.78	141.45	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	54-2	29580.38	28570.23	27967.51	28706.04	2.84	ppb
Iron	56-2	27430.94	27759.57	27578.74	27589.75	0.60	ppb
Iron	57-2	26566.55	26851.64	26392.77	26603.65	0.87	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-13	Instrumnet Name :	P8
Client Sample ID :	A0BC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:09:54	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2347.91	2344.32	2388.04	2360.09	1.03	ppb
Lead	207-1	2347.71	2362.96	2341.78	2350.82	0.46	ppb
Lead	208-1	2326.25	2368.60	2356.13	2350.33	0.93	ppb
Lithium	6-1				113		%
Magnesium	24-2	4180.08	4094.50	4017.14	4097.24	1.99	ppb
Manganese	55-2	336.97	331.26	326.27	331.50	1.61	ppb
Molybdenum	94-1	1.81	1.77	1.86	1.81	2.26	ppb
Molybdenum	95-1	0.70	0.71	0.78	0.73	5.87	ppb
Molybdenum	96-1	1.05	1.10	1.14	1.10	3.99	ppb
Molybdenum	97-1	0.76	0.82	0.80	0.79	3.92	ppb
Molybdenum	98-1	0.75	0.66	0.69	0.70	6.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.93	18.35	17.97	18.42	2.62	ppb
Phosphorus	31-2	791.43	774.71	733.97	766.70	3.85	ppb
Potassium	39-2	1149.85	1129.55	1116.29	1131.89	1.49	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	-0.47	-0.82	-0.29	-0.53		ppb
Selenium	77-2	11.33	11.98	18.19	13.83	27.39	ppb
Selenium	78-2	2.61	2.73	3.38	2.91	14.24	ppb
Silicon	28-1	3597.67	3620.64	3635.49	3617.93	0.53	ppb
Silver	107-1	1.17	1.21	1.22	1.20	2.35	ppb
Silver	109-1	1.11	1.25	1.25	1.21	6.88	ppb
Sodium	23-2	212.57	202.13	202.10	205.60	2.93	ppb
Strontium	86-1	161.35	156.53	165.42	161.10	2.76	ppb
Strontium	88-1	158.51	156.01	161.58	158.70	1.76	ppb
Sulfur	34-1	-4012.78	-3349.78	-3304.82	-3555.79		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.03	0.03	25.57	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	23.01	ppb
Tin	118-1	15.56	16.22	16.35	16.05	2.63	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-13	Instrumnet Name :	P8
Client Sample ID :	A0BC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:09:54	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	612.45	644.21	615.62	624.10	2.80	ppb
Uranium	238-1	1.25	1.24	1.31	1.27	3.07	ppb
Vanadium	51-2	30.37	29.67	28.59	29.55	3.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	4098.53	4050.29	3939.86	4029.56	2.02	ppb
Zirconium	90-1	0.62	0.81	0.66	0.70	14.41	ppb
Zirconium	91-1	0.56	0.59	0.64	0.60	6.38	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-14	Instrumnet Name :	P8
Client Sample ID :	A0BC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:12:50	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15705.26	16619.26	15925.08	16083.20	2.97	ppb
Antimony	121-1	0.16	0.18	0.14	0.16	14.28	ppb
Arsenic	75-2	6.42	6.82	6.64	6.63	3.05	ppb
Barium	135-1	85.14	88.21	86.23	86.53	1.80	ppb
Barium	137-1	85.36	91.21	89.61	88.73	3.41	ppb
Beryllium	9-1	1.07	1.06	1.05	1.06	0.73	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	1.27	1.23	1.77	1.42	21.40	ppb
Boron	11-1	1.09	0.94	1.32	1.12	17.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.12	0.02	0.09	69.83	ppb
Cadmium	106-1	0.42	0.73	-0.91	0.08	1076.85	ppb
Cadmium	108-1	-0.03	0.59	0.17	0.24	131.66	ppb
Calcium	43-1	1915.12	1980.13	1976.36	1957.20	1.86	ppb
Calcium	44-1	1904.79	1970.71	1961.96	1945.82	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.61	36.40	34.76	34.92	4.01	ppb
Cobalt	59-2	13.12	13.96	13.32	13.47	3.26	ppb
Copper	63-2	22.03	23.37	22.73	22.71	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	54-2	33008.10	35617.43	33619.06	34081.53	4.00	ppb
Iron	56-2	31170.71	34045.22	31865.12	32360.35	4.63	ppb
Iron	57-2	31174.26	33019.46	32170.67	32121.46	2.88	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-14	Instrumnet Name :	P8
Client Sample ID :	A0BC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:12:50	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	14.43	13.98	14.24	14.22	1.60	ppb
Lead	207-1	14.07	13.48	13.92	13.82	2.24	ppb
Lead	208-1	14.25	13.80	14.19	14.08	1.74	ppb
Lithium	6-1				115		%
Magnesium	24-2	5748.72	6163.79	5838.68	5917.07	3.69	ppb
Manganese	55-2	384.73	414.63	395.02	398.12	3.82	ppb
Molybdenum	94-1	4.37	4.62	4.80	4.60	4.76	ppb
Molybdenum	95-1	0.32	0.37	0.35	0.34	7.89	ppb
Molybdenum	96-1	1.08	1.06	1.07	1.07	0.94	ppb
Molybdenum	97-1	0.29	0.38	0.35	0.34	12.51	ppb
Molybdenum	98-1	0.33	0.33	0.36	0.34	6.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.83	27.33	25.03	25.73	5.41	ppb
Phosphorus	31-2	593.40	608.09	511.85	571.11	9.08	ppb
Potassium	39-2	2744.41	2875.41	2779.88	2799.90	2.42	ppb
Rhodium	103-1				110		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				95		%
Selenium	82-1	-0.80	-0.05	-1.71	-0.85		ppb
Selenium	77-2	19.45	13.39	29.16	20.66	38.50	ppb
Selenium	78-2	4.50	2.81	2.93	3.42	27.59	ppb
Silicon	28-1	1847.58	1860.94	1857.03	1855.18	0.37	ppb
Silver	107-1	0.08	0.08	0.06	0.07	12.30	ppb
Silver	109-1	0.08	0.06	0.07	0.07	16.34	ppb
Sodium	23-2	290.01	308.27	288.66	295.64	3.70	ppb
Strontium	86-1	15.37	15.14	15.22	15.25	0.76	ppb
Strontium	88-1	15.77	15.45	15.46	15.56	1.16	ppb
Sulfur	34-1	-4427.83	-4063.85	-4374.85	-4288.84		ppb
Terbium	159-1				115		%
Terbium	159-2				97		%
Thallium	203-1	0.10	0.09	0.10	0.09	6.47	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	15.42	ppb
Tin	118-1	0.75	0.84	0.70	0.76	9.27	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-14	Instrumnet Name :	P8
Client Sample ID :	A0BC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:12:50	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	786.42	805.61	810.19	800.74	1.58	ppb
Uranium	238-1	2.68	2.52	2.66	2.62	3.28	ppb
Vanadium	51-2	42.25	45.25	42.74	43.41	3.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				98		%
Zinc	66-2	79.56	83.92	81.81	81.76	2.67	ppb
Zirconium	90-1	2.21	2.22	2.27	2.23	1.35	ppb
Zirconium	91-1	2.02	2.07	2.28	2.13	6.40	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-15	Instrumnet Name :	P8
Client Sample ID :	A0BC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:15:54	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8208.78	8353.89	8187.11	8249.93	1.10	ppb
Antimony	121-1	4.60	4.64	4.61	4.62	0.45	ppb
Arsenic	75-2	4.50	4.32	4.27	4.37	2.77	ppb
Barium	135-1	102.38	108.28	104.81	105.16	2.82	ppb
Barium	137-1	105.66	108.56	111.92	108.72	2.88	ppb
Beryllium	9-1	0.63	0.58	0.57	0.60	5.75	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	4.08	4.41	4.74	4.41	7.42	ppb
Boron	11-1	4.02	4.20	4.10	4.11	2.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.13	0.12	0.15	30.33	ppb
Cadmium	106-1	0.17	-0.51	-1.03	-0.46		ppb
Cadmium	108-1	0.45	-0.01	0.49	0.31	89.78	ppb
Calcium	43-1	2377.07	2352.50	2318.25	2349.27	1.26	ppb
Calcium	44-1	2316.81	2349.76	2322.98	2329.85	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.04	16.11	15.87	16.01	0.75	ppb
Cobalt	59-2	7.76	7.79	7.56	7.70	1.62	ppb
Copper	63-2	42.05	43.22	42.21	42.49	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	54-2	32393.58	32167.03	32011.13	32190.58	0.60	ppb
Iron	56-2	30471.34	31478.48	31038.89	30996.24	1.63	ppb
Iron	57-2	29785.26	30746.55	30669.21	30400.34	1.76	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-15	Instrumnet Name :	P8
Client Sample ID :	A0BC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:15:54	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	383.55	396.61	388.63	389.59	1.69	ppb
Lead	207-1	382.94	389.45	381.03	384.47	1.15	ppb
Lead	208-1	398.88	405.34	388.32	397.51	2.16	ppb
Lithium	6-1				114		%
Magnesium	24-2	3360.57	3364.12	3388.70	3371.13	0.45	ppb
Manganese	55-2	442.40	449.73	438.57	443.57	1.28	ppb
Molybdenum	94-1	2.48	2.28	2.19	2.32	6.32	ppb
Molybdenum	95-1	1.59	1.69	1.52	1.60	5.52	ppb
Molybdenum	96-1	1.84	2.11	1.90	1.95	7.27	ppb
Molybdenum	97-1	1.73	1.86	1.72	1.77	4.57	ppb
Molybdenum	98-1	1.65	1.66	1.64	1.65	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.45	11.36	11.36	11.39	0.49	ppb
Phosphorus	31-2	573.35	500.57	612.04	561.99	10.07	ppb
Potassium	39-2	1118.04	1135.62	1135.42	1129.69	0.89	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	82-1	0.14	-0.27	-0.45	-0.20		ppb
Selenium	77-2	17.09	12.05	24.27	17.80	34.51	ppb
Selenium	78-2	2.52	3.14	3.98	3.21	22.76	ppb
Silicon	28-1	1156.50	1230.33	1153.04	1179.96	3.70	ppb
Silver	107-1	0.13	0.18	0.18	0.16	20.17	ppb
Silver	109-1	0.16	0.14	0.16	0.15	8.96	ppb
Sodium	23-2	212.13	216.58	215.26	214.66	1.07	ppb
Strontium	86-1	11.10	11.89	11.06	11.35	4.13	ppb
Strontium	88-1	11.94	11.98	11.60	11.84	1.76	ppb
Sulfur	34-1	-5058.87	-4938.67	-5173.86	-5057.13		ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.02	0.02	0.01	82.78	ppb
Thallium	205-1	0.00	0.02	-0.02	0.00	2376.93	ppb
Tin	118-1	78.39	81.72	80.44	80.18	2.09	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-15	Instrumnet Name :	P8
Client Sample ID :	A0BC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:15:54	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	442.86	426.63	415.08	428.19	3.26	ppb
Uranium	238-1	1.57	1.48	1.50	1.52	3.14	ppb
Vanadium	51-2	27.22	27.52	26.93	27.22	1.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	138.40	138.15	139.61	138.72	0.56	ppb
Zirconium	90-1	0.47	0.48	0.49	0.48	1.98	ppb
Zirconium	91-1	0.44	0.47	0.37	0.43	12.05	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:18:54	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7731.06	7761.65	7948.89	7813.87	1.51	ppb
Antimony	121-1	34.26	35.45	35.46	35.06	1.97	ppb
Arsenic	75-2	147.92	145.58	152.67	148.72	2.43	ppb
Barium	135-1	1722.69	1719.49	1746.90	1729.69	0.87	ppb
Barium	137-1	1735.08	1735.71	1783.08	1751.29	1.57	ppb
Beryllium	9-1	2.35	2.36	2.29	2.33	1.59	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Boron	10-1	6.25	5.92	7.14	6.44	9.80	ppb
Boron	11-1	6.20	6.64	6.21	6.35	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	7.54	7.34	7.34	7.41	1.56	ppb
Cadmium	106-1	10.22	8.61	9.17	9.33	8.74	ppb
Cadmium	108-1	10.20	10.52	10.28	10.33	1.62	ppb
Calcium	43-1	10302.26	10090.88	10103.88	10165.67	1.17	ppb
Calcium	44-1	10155.08	10252.98	10402.77	10270.28	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.35	26.95	27.96	27.42	1.86	ppb
Cobalt	59-2	7.96	7.96	8.14	8.02	1.33	ppb
Copper	63-2	4134.75	4176.79	4241.73	4184.42	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	54-2	27450.66	27991.79	27825.95	27756.13	1.00	ppb
Iron	56-2	26423.61	26991.98	27492.61	26969.40	1.98	ppb
Iron	57-2	26211.04	26189.67	26597.22	26332.64	0.87	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:18:54	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18914.63	19272.44	18979.57	19055.55	1.00	ppb
Lead	207-1	18287.99	19649.55	18910.78	18949.44	3.60	ppb
Lead	208-1	18017.93	19444.28	18629.07	18697.09	3.83	ppb
Lithium	6-1				117		%
Magnesium	24-2	1364.27	1368.25	1387.50	1373.34	0.90	ppb
Manganese	55-2	202.22	201.28	206.43	203.31	1.35	ppb
Molybdenum	94-1	10.65	11.60	10.43	10.89	5.71	ppb
Molybdenum	95-1	8.67	8.52	8.76	8.65	1.41	ppb
Molybdenum	96-1	9.04	9.33	9.18	9.18	1.54	ppb
Molybdenum	97-1	8.91	8.95	8.73	8.86	1.33	ppb
Molybdenum	98-1	8.55	8.82	8.92	8.76	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.46	33.91	33.87	33.75	0.74	ppb
Phosphorus	31-2	3294.20	3108.86	3307.64	3236.90	3.43	ppb
Potassium	39-2	682.31	695.26	720.31	699.29	2.76	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				103		%
Selenium	82-1	2.07	3.13	1.23	2.14	44.38	ppb
Selenium	77-2	13.61	28.91	23.27	21.93	35.27	ppb
Selenium	78-2	9.02	4.20	9.03	7.42	37.52	ppb
Silicon	28-1	1091.63	1155.80	1085.81	1111.08	3.50	ppb
Silver	107-1	1.82	1.91	1.86	1.87	2.48	ppb
Silver	109-1	1.70	1.90	2.00	1.87	8.32	ppb
Sodium	23-2	322.47	330.44	344.14	332.35	3.30	ppb
Strontium	86-1	200.35	206.59	208.17	205.04	2.01	ppb
Strontium	88-1	198.29	204.02	210.37	204.23	2.96	ppb
Sulfur	34-1	-1133.49	-801.21	-811.75	-915.48		ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.52	0.52	0.56	0.53	4.75	ppb
Thallium	205-1	0.48	0.51	0.55	0.52	7.09	ppb
Tin	118-1	75.42	76.80	75.39	75.87	1.06	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:18:54	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	343.17	344.41	336.93	341.50	1.17	ppb
Uranium	238-1	1.85	1.91	1.82	1.86	2.57	ppb
Vanadium	51-2	89.20	87.96	91.38	89.51	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				106		%
Zinc	66-2	7462.18	7369.20	7572.31	7467.90	1.36	ppb
Zirconium	90-1	2.02	2.06	1.92	2.00	3.58	ppb
Zirconium	91-1	1.88	1.90	1.91	1.90	0.80	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-17	Instrumnet Name :	P8
Client Sample ID :	A0BC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:21:50	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12838.01	13255.27	13031.16	13041.48	1.60	ppb
Antimony	121-1	19.11	18.05	19.22	18.79	3.45	ppb
Arsenic	75-2	9.71	9.74	9.97	9.81	1.47	ppb
Barium	135-1	926.46	892.26	935.81	918.18	2.50	ppb
Barium	137-1	964.50	909.24	944.83	939.52	2.98	ppb
Beryllium	9-1	0.67	0.67	0.71	0.69	3.51	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	2.39	2.74	3.74	2.96	23.66	ppb
Boron	11-1	3.01	2.87	3.64	3.17	13.00	ppb
Bromine	81-1						cps
Cadmium	111-1	1.44	1.20	1.19	1.28	11.16	ppb
Cadmium	106-1	3.70	1.71	1.54	2.32	51.79	ppb
Cadmium	108-1	1.88	2.20	2.18	2.09	8.65	ppb
Calcium	43-1	14679.78	15281.80	15862.00	15274.53	3.87	ppb
Calcium	44-1	15244.94	15282.55	15624.13	15383.87	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.68	20.21	19.82	19.90	1.39	ppb
Cobalt	59-2	5.81	5.83	5.86	5.83	0.41	ppb
Copper	63-2	84.79	87.30	86.00	86.03	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				114		%
Indium	115-2				100		%
Iron	54-2	23323.47	24374.83	24116.67	23938.32	2.29	ppb
Iron	56-2	22423.17	23122.04	22685.35	22743.52	1.55	ppb
Iron	57-2	22185.72	22677.63	22553.28	22472.21	1.14	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-17	Instrumnet Name :	P8
Client Sample ID :	A0BC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:21:50	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1586.10	1619.72	1667.12	1624.31	2.51	ppb
Lead	207-1	1580.62	1600.62	1655.90	1612.38	2.42	ppb
Lead	208-1	1588.37	1592.85	1634.21	1605.15	1.57	ppb
Lithium	6-1				115		%
Magnesium	24-2	2970.50	3067.44	3047.17	3028.37	1.69	ppb
Manganese	55-2	243.08	256.25	253.15	250.83	2.75	ppb
Molybdenum	94-1	1.66	1.46	1.47	1.53	7.33	ppb
Molybdenum	95-1	0.80	0.72	0.83	0.78	6.83	ppb
Molybdenum	96-1	1.12	1.00	1.08	1.07	5.85	ppb
Molybdenum	97-1	0.85	0.78	0.76	0.80	5.55	ppb
Molybdenum	98-1	0.79	0.79	0.81	0.80	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.89	16.12	16.19	16.07	0.98	ppb
Phosphorus	31-2	604.70	755.97	622.80	661.16	12.49	ppb
Potassium	39-2	971.31	993.74	981.07	982.04	1.15	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				100		%
Selenium	82-1	-0.88	-1.72	-0.19	-0.93		ppb
Selenium	77-2	11.54	13.34	13.70	12.86	9.00	ppb
Selenium	78-2	1.65	1.04	1.69	1.46	24.93	ppb
Silicon	28-1	3086.52	3194.15	3303.71	3194.80	3.40	ppb
Silver	107-1	1.25	1.15	1.18	1.19	4.41	ppb
Silver	109-1	1.22	1.10	1.07	1.13	7.23	ppb
Sodium	23-2	229.54	234.77	242.32	235.54	2.73	ppb
Strontium	86-1	100.62	96.81	99.71	99.05	2.01	ppb
Strontium	88-1	100.18	99.55	105.51	101.74	3.22	ppb
Sulfur	34-1	-4018.01	-3455.53	-2781.24	-3418.26		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.06	0.03	0.05	33.44	ppb
Thallium	205-1	0.03	0.04	0.04	0.03	13.78	ppb
Tin	118-1	12.51	11.90	12.80	12.40	3.72	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-17	Instrumnet Name :	P8
Client Sample ID :	A0BC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:21:50	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	639.73	669.66	680.82	663.40	3.20	ppb
Uranium	238-1	1.11	1.09	1.14	1.11	2.34	ppb
Vanadium	51-2	25.31	25.71	25.35	25.45	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	2121.19	2169.69	2147.07	2145.98	1.13	ppb
Zirconium	90-1	0.44	0.56	0.48	0.49	12.13	ppb
Zirconium	91-1	0.38	0.49	0.44	0.44	12.64	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-19	Instrumnet Name :	P8
Client Sample ID :	A0BD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:24:47	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2464.72	2415.68	2458.62	2446.34	1.09	ppb
Antimony	121-1	148.42	146.40	143.11	145.98	1.84	ppb
Arsenic	75-2	3.60	3.51	3.51	3.54	1.45	ppb
Barium	135-1	3.11	2.70	2.78	2.86	7.51	ppb
Barium	137-1	2.97	3.00	2.91	2.96	1.57	ppb
Beryllium	9-1	26.28	25.93	24.17	25.46	4.43	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	2.49	1.80	1.11	1.80	38.48	ppb
Boron	11-1	1.96	2.14	1.56	1.89	15.61	ppb
Bromine	81-1						cps
Cadmium	111-1	13.03	12.35	12.07	12.48	3.93	ppb
Cadmium	106-1	9.45	6.59	6.36	7.47	23.04	ppb
Cadmium	108-1	9.71	11.01	10.01	10.24	6.61	ppb
Calcium	43-1	535.33	496.67	535.29	522.43	4.27	ppb
Calcium	44-1	531.49	487.32	512.31	510.37	4.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.90	38.34	37.84	38.36	1.38	ppb
Cobalt	59-2	65.58	65.09	65.78	65.48	0.54	ppb
Copper	63-2	50.21	50.40	50.50	50.37	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	54-2	717.71	703.83	684.31	701.95	2.39	ppb
Iron	56-2	677.79	666.37	666.80	670.32	0.97	ppb
Iron	57-2	674.53	642.39	672.81	663.25	2.73	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-19	Instrumnet Name :	P8
Client Sample ID :	A0BD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:24:47	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	47.92	46.40	46.75	47.02	1.69	ppb
Lead	207-1	45.38	44.44	47.88	45.90	3.88	ppb
Lead	208-1	46.02	46.01	47.38	46.47	1.69	ppb
Lithium	6-1				113		%
Magnesium	24-2	7159.93	7128.12	7048.55	7112.20	0.81	ppb
Manganese	55-2	5.37	5.00	5.08	5.15	3.77	ppb
Molybdenum	94-1	3.87	4.02	3.81	3.90	2.80	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.09	16.85	ppb
Molybdenum	96-1	0.43	0.48	0.45	0.45	5.34	ppb
Molybdenum	97-1	0.13	0.06	0.08	0.09	40.45	ppb
Molybdenum	98-1	0.08	0.11	0.07	0.09	23.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.28	1.27	1.28	1.31	ppb
Phosphorus	31-2	21.84	-25.15	-3.56	-2.29		ppb
Potassium	39-2	10988.62	10804.15	10823.18	10871.98	0.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	82-1	-0.62	-0.78	-0.21	-0.54		ppb
Selenium	77-2	-0.35	-1.44	0.67	-0.38		ppb
Selenium	78-2	0.89	-0.11	-1.59	-0.27		ppb
Silicon	28-1	232.77	206.38	221.82	220.32	6.02	ppb
Silver	107-1	47.14	45.70	44.05	45.63	3.39	ppb
Silver	109-1	46.92	46.52	45.18	46.21	1.97	ppb
Sodium	23-2	8929.31	8845.66	8829.08	8868.01	0.61	ppb
Strontium	86-1	3.24	3.32	3.09	3.22	3.58	ppb
Strontium	88-1	3.33	3.32	3.33	3.32	0.22	ppb
Sulfur	34-1	-2952.82	-4252.11	-3945.04	-3716.66		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.01	0.01	55.56	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	106.08	ppb
Tin	118-1	0.23	0.23	0.28	0.25	10.78	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-19	Instrumnet Name :	P8
Client Sample ID :	A0BD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:24:47	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.23	4.00	3.88	4.04	4.37	ppb
Uranium	238-1	0.05	0.07	0.06	0.06	17.10	ppb
Vanadium	51-2	2.68	2.54	2.61	2.61	2.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	94.80	89.97	94.82	93.20	3.00	ppb
Zirconium	90-1	2.08	1.93	1.98	2.00	3.77	ppb
Zirconium	91-1	1.91	1.92	2.03	1.96	3.40	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-01	Instrumnet Name :	P8
Client Sample ID :	A0BB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:27:51	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11916.66	12778.94	12155.93	12283.85	3.62	ppb
Antimony	121-1	0.91	1.11	1.03	1.02	9.98	ppb
Arsenic	75-2	5.18	6.30	5.64	5.70	9.84	ppb
Barium	135-1	134.63	135.50	129.41	133.18	2.47	ppb
Barium	137-1	131.92	138.50	128.35	132.92	3.87	ppb
Beryllium	9-1	0.79	0.67	0.65	0.70	10.72	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	-0.03	0.59	-0.03	0.18	199.32	ppb
Boron	11-1	0.20	0.42	-0.11	0.17	158.09	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.15	0.04	0.13	62.11	ppb
Cadmium	106-1	-1.72	-1.39	-2.60	-1.90		ppb
Cadmium	108-1	0.15	0.57	0.43	0.38	55.51	ppb
Calcium	43-1	2163.09	2265.02	2262.78	2230.29	2.61	ppb
Calcium	44-1	2133.58	2259.03	2299.12	2230.58	3.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.47	14.46	13.40	13.77	4.30	ppb
Cobalt	59-2	5.68	6.24	5.63	5.85	5.74	ppb
Copper	63-2	25.63	27.62	26.18	26.48	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	54-2	20919.11	21511.53	20464.73	20965.12	2.50	ppb
Iron	56-2	19930.32	21254.66	19929.40	20371.46	3.75	ppb
Iron	57-2	19796.62	21219.53	19709.09	20241.75	4.19	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-01	Instrumnet Name :	P8
Client Sample ID :	A0BB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:27:51	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	134.63	135.04	138.15	135.94	1.41	ppb
Lead	207-1	129.64	131.12	137.79	132.85	3.27	ppb
Lead	208-1	129.27	133.07	136.73	133.02	2.81	ppb
Lithium	6-1				111		%
Magnesium	24-2	2722.08	2959.34	2808.89	2830.10	4.24	ppb
Manganese	55-2	301.06	318.58	296.72	305.45	3.79	ppb
Molybdenum	94-1	1.53	1.72	1.63	1.63	5.78	ppb
Molybdenum	95-1	1.16	1.19	1.25	1.20	3.82	ppb
Molybdenum	96-1	1.32	1.47	1.40	1.39	5.48	ppb
Molybdenum	97-1	1.04	1.29	1.19	1.17	10.99	ppb
Molybdenum	98-1	1.29	1.19	1.06	1.18	9.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.79	10.63	9.31	9.91	6.75	ppb
Phosphorus	31-2	770.39	908.68	727.41	802.16	11.81	ppb
Potassium	39-2	1040.30	1141.79	1054.50	1078.86	5.09	ppb
Rhodium	103-1				113		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	82-1	-2.62	-0.33	-0.38	-1.11		ppb
Selenium	77-2	19.04	16.48	15.78	17.10	10.05	ppb
Selenium	78-2	5.03	2.86	4.46	4.11	27.37	ppb
Silicon	28-1	1470.96	1526.83	1535.31	1511.03	2.31	ppb
Silver	107-1	0.30	0.22	0.22	0.25	19.01	ppb
Silver	109-1	0.25	0.24	0.21	0.23	7.21	ppb
Sodium	23-2	130.78	138.79	131.10	133.56	3.39	ppb
Strontium	86-1	8.91	9.49	10.01	9.47	5.81	ppb
Strontium	88-1	9.36	10.21	10.05	9.87	4.55	ppb
Sulfur	34-1	-5151.18	-4476.98	-4234.61	-4620.93		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.03	0.02	37.60	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	8.46	ppb
Tin	118-1	2.34	2.55	2.43	2.44	4.23	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-01	Instrumnet Name :	P8
Client Sample ID :	A0BB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:27:51	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	559.71	572.61	583.23	571.85	2.06	ppb
Uranium	238-1	1.56	1.51	1.62	1.56	3.70	ppb
Vanadium	51-2	23.95	26.38	24.45	24.93	5.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	189.08	206.42	193.05	196.18	4.63	ppb
Zirconium	90-1	0.30	0.36	0.37	0.34	11.21	ppb
Zirconium	91-1	0.26	0.35	0.24	0.29	20.05	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-02	Instrumnet Name :	P8
Client Sample ID :	A0BB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:30:52	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9566.05	9551.90	9499.37	9539.11	0.37	ppb
Antimony	121-1	0.12	0.12	0.09	0.11	14.57	ppb
Arsenic	75-2	2.91	2.68	2.74	2.78	4.36	ppb
Barium	135-1	64.12	63.14	59.52	62.26	3.90	ppb
Barium	137-1	64.93	63.21	61.16	63.10	2.99	ppb
Beryllium	9-1	1.10	1.16	1.12	1.12	2.68	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	-0.71	-0.96	-1.36	-1.01		ppb
Boron	11-1	-0.61	-0.89	-1.02	-0.84		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.14	0.06	0.05	176.05	ppb
Cadmium	106-1	-2.64	-0.71	-1.02	-1.45		ppb
Cadmium	108-1	0.26	0.52	0.22	0.33	48.79	ppb
Calcium	43-1	2209.08	2235.40	2216.01	2220.16	0.61	ppb
Calcium	44-1	2184.41	2194.79	2215.14	2198.11	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.81	7.71	8.05	7.86	2.26	ppb
Cobalt	59-2	5.54	5.48	5.30	5.44	2.34	ppb
Copper	63-2	15.47	15.79	15.06	15.44	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	54-2	26736.39	26530.57	26790.07	26685.68	0.51	ppb
Iron	56-2	26506.48	26133.16	26292.58	26310.74	0.71	ppb
Iron	57-2	25888.57	25391.55	25578.29	25619.47	0.98	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-02	Instrumnet Name :	P8
Client Sample ID :	A0BB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:30:52	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15.68	15.47	14.65	15.27	3.56	ppb
Lead	207-1	14.54	14.66	13.89	14.37	2.89	ppb
Lead	208-1	15.07	14.85	14.32	14.75	2.62	ppb
Lithium	6-1				112		%
Magnesium	24-2	2924.20	2880.73	2851.39	2885.44	1.27	ppb
Manganese	55-2	843.23	841.43	831.61	838.76	0.75	ppb
Molybdenum	94-1	3.60	3.52	3.51	3.54	1.47	ppb
Molybdenum	95-1	0.96	1.02	0.89	0.96	6.65	ppb
Molybdenum	96-1	1.40	1.45	1.36	1.41	3.28	ppb
Molybdenum	97-1	1.06	0.91	0.95	0.97	7.87	ppb
Molybdenum	98-1	0.90	0.96	0.97	0.94	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.71	4.54	5.00	4.75	4.94	ppb
Phosphorus	31-2	671.22	617.12	585.67	624.67	6.93	ppb
Potassium	39-2	1226.48	1248.50	1222.72	1232.56	1.13	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	-0.39	-1.00	0.80	-0.20		ppb
Selenium	77-2	43.12	38.74	48.72	43.53	11.49	ppb
Selenium	78-2	6.71	7.57	8.69	7.66	12.97	ppb
Silicon	28-1	2096.96	2091.13	2084.08	2090.72	0.31	ppb
Silver	107-1	0.07	0.09	0.08	0.08	13.34	ppb
Silver	109-1	0.09	0.09	0.09	0.09	1.00	ppb
Sodium	23-2	266.63	274.39	276.53	272.52	1.91	ppb
Strontium	86-1	10.66	11.55	11.27	11.16	4.08	ppb
Strontium	88-1	11.15	11.19	10.96	11.10	1.10	ppb
Sulfur	34-1	-5255.96	-5412.04	-5301.18	-5323.06		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.77	0.81	0.73	0.77	5.00	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-02	Instrumnet Name :	P8
Client Sample ID :	A0BB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:30:52	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	287.94	293.69	287.40	289.67	1.20	ppb
Uranium	238-1	2.51	2.59	2.61	2.57	2.15	ppb
Vanadium	51-2	14.52	14.72	14.44	14.56	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	106.78	110.37	106.02	107.72	2.16	ppb
Zirconium	90-1	1.31	1.39	1.38	1.36	2.98	ppb
Zirconium	91-1	1.35	1.30	1.49	1.38	7.13	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-03	Instrumnet Name :	P8
Client Sample ID :	A0BB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:33:54	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12191.37	11591.46	11277.50	11686.78	3.97	ppb
Antimony	121-1	1.79	1.95	1.91	1.88	4.44	ppb
Arsenic	75-2	5.37	5.14	5.16	5.23	2.41	ppb
Barium	135-1	343.27	346.77	352.14	347.39	1.29	ppb
Barium	137-1	340.60	360.06	354.45	351.70	2.85	ppb
Beryllium	9-1	0.96	1.00	1.00	0.98	2.28	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	-0.41	-0.13	-0.15	-0.23		ppb
Boron	11-1	-0.33	-0.15	-0.08	-0.19		ppb
Bromine	81-1						cps
Cadmium	111-1	0.49	0.49	0.57	0.52	9.24	ppb
Cadmium	106-1	-0.94	-1.90	0.00	-0.94		ppb
Cadmium	108-1	0.60	0.78	0.87	0.75	18.11	ppb
Calcium	43-1	4171.17	4214.20	4133.48	4172.95	0.97	ppb
Calcium	44-1	4198.13	4307.42	4139.96	4215.17	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.25	16.38	15.39	16.34	5.69	ppb
Cobalt	59-2	8.05	7.92	7.39	7.79	4.46	ppb
Copper	63-2	50.05	47.96	46.46	48.16	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	54-2	27105.82	25461.58	24497.11	25688.17	5.13	ppb
Iron	56-2	26556.99	24653.79	23978.71	25063.16	5.33	ppb
Iron	57-2	25627.82	24065.61	23775.79	24489.74	4.07	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-03	Instrumnet Name :	P8
Client Sample ID :	A0BB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:33:54	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	127.78	135.70	130.45	131.31	3.07	ppb
Lead	207-1	124.10	133.98	126.51	128.19	4.02	ppb
Lead	208-1	125.28	131.92	128.02	128.40	2.60	ppb
Lithium	6-1				113		%
Magnesium	24-2	3740.82	3598.36	3474.32	3604.50	3.70	ppb
Manganese	55-2	549.70	530.28	510.35	530.11	3.71	ppb
Molybdenum	94-1	2.22	2.40	2.12	2.25	6.31	ppb
Molybdenum	95-1	1.43	1.36	1.31	1.36	4.35	ppb
Molybdenum	96-1	1.64	1.57	1.67	1.63	2.87	ppb
Molybdenum	97-1	1.26	1.27	1.18	1.24	4.03	ppb
Molybdenum	98-1	1.22	1.32	1.37	1.30	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.89	12.76	12.16	12.61	3.10	ppb
Phosphorus	31-2	797.17	690.24	759.87	749.09	7.25	ppb
Potassium	39-2	1209.09	1139.78	1134.92	1161.26	3.57	ppb
Rhodium	103-1				112		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				96		%
Selenium	82-1	0.29	-1.38	-0.41	-0.50		ppb
Selenium	77-2	32.69	32.89	29.89	31.82	5.27	ppb
Selenium	78-2	3.48	8.60	4.59	5.56	48.45	ppb
Silicon	28-1	1593.15	1551.09	1601.28	1581.84	1.70	ppb
Silver	107-1	0.18	0.19	0.17	0.18	4.08	ppb
Silver	109-1	0.16	0.16	0.18	0.17	7.35	ppb
Sodium	23-2	143.41	137.70	141.96	141.02	2.11	ppb
Strontium	86-1	25.47	25.93	24.95	25.45	1.93	ppb
Strontium	88-1	25.30	25.31	25.43	25.35	0.30	ppb
Sulfur	34-1	-5338.59	-5538.09	-5341.91	-5406.19		ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	42.49	ppb
Tin	118-1	6.89	7.75	7.49	7.38	5.99	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-03	Instrumnet Name :	P8
Client Sample ID :	A0BB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:33:54	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	416.66	405.73	410.66	411.02	1.33	ppb
Uranium	238-1	1.59	1.72	1.72	1.68	4.60	ppb
Vanadium	51-2	27.19	26.19	25.42	26.27	3.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				101		%
Zinc	66-2	483.43	462.60	442.72	462.92	4.40	ppb
Zirconium	90-1	0.62	0.69	0.71	0.67	6.52	ppb
Zirconium	91-1	0.46	0.66	0.66	0.59	18.76	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-04	Instrumnet Name :	P8
Client Sample ID :	A0BB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:36:53	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14590.02	14498.43	14403.50	14497.32	0.64	ppb
Antimony	121-1	0.61	0.69	0.66	0.65	6.63	ppb
Arsenic	75-2	4.50	4.14	4.60	4.41	5.41	ppb
Barium	135-1	115.94	111.89	115.62	114.48	1.97	ppb
Barium	137-1	115.90	111.23	116.56	114.56	2.54	ppb
Beryllium	9-1	1.67	1.60	1.70	1.65	3.21	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	-0.40	-0.26	-0.85	-0.50		ppb
Boron	11-1	-0.62	-0.86	-0.75	-0.74		ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	-0.05	-0.08	0.02	703.20	ppb
Cadmium	106-1	-0.96	-3.06	-3.27	-2.43		ppb
Cadmium	108-1	-0.02	0.37	0.26	0.20	98.23	ppb
Calcium	43-1	13245.60	12818.90	12973.87	13012.79	1.66	ppb
Calcium	44-1	13172.72	13020.84	13379.60	13191.05	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.74	16.71	16.24	16.56	1.71	ppb
Cobalt	59-2	10.70	10.81	10.42	10.64	1.89	ppb
Copper	63-2	26.57	26.39	26.11	26.36	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	54-2	27611.78	27610.88	27034.98	27419.21	1.21	ppb
Iron	56-2	26778.50	26715.32	26775.12	26756.31	0.13	ppb
Iron	57-2	26022.14	26135.93	26087.13	26081.73	0.22	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-04	Instrumnet Name :	P8
Client Sample ID :	A0BB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:36:53	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	32.37	31.01	31.67	31.68	2.15	ppb
Lead	207-1	32.21	29.96	29.57	30.58	4.66	ppb
Lead	208-1	31.74	30.19	30.23	30.72	2.89	ppb
Lithium	6-1				111		%
Magnesium	24-2	4630.37	4546.28	4534.42	4570.36	1.14	ppb
Manganese	55-2	343.67	343.31	335.50	340.82	1.35	ppb
Molybdenum	94-1	3.02	2.56	2.79	2.79	8.28	ppb
Molybdenum	95-1	0.56	0.42	0.50	0.50	13.83	ppb
Molybdenum	96-1	1.05	0.82	1.00	0.96	12.53	ppb
Molybdenum	97-1	0.42	0.45	0.46	0.44	4.15	ppb
Molybdenum	98-1	0.49	0.41	0.39	0.43	11.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.63	15.37	15.26	15.42	1.23	ppb
Phosphorus	31-2	746.13	816.19	785.37	782.56	4.49	ppb
Potassium	39-2	2004.94	2005.66	1980.37	1996.99	0.72	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				97		%
Selenium	82-1	-0.48	0.06	-0.32	-0.24		ppb
Selenium	77-2	36.33	25.94	25.07	29.12	21.51	ppb
Selenium	78-2	8.38	4.38	5.42	6.06	34.23	ppb
Silicon	28-1	2395.17	2392.08	2289.15	2358.80	2.56	ppb
Silver	107-1	0.09	0.09	0.08	0.08	6.72	ppb
Silver	109-1	0.09	0.08	0.06	0.07	20.22	ppb
Sodium	23-2	137.58	136.92	138.64	137.71	0.63	ppb
Strontium	86-1	81.18	75.92	80.61	79.24	3.65	ppb
Strontium	88-1	82.95	78.43	84.43	81.93	3.81	ppb
Sulfur	34-1	-5664.62	-5733.37	-5944.00	-5780.66		ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.06	0.04	0.06	20.33	ppb
Thallium	205-1	0.10	0.09	0.10	0.09	7.95	ppb
Tin	118-1	1.05	1.13	1.04	1.07	4.68	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-04	Instrumnet Name :	P8
Client Sample ID :	A0BB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:36:53	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	814.12	801.49	785.00	800.20	1.82	ppb
Uranium	238-1	2.30	2.13	2.19	2.21	3.96	ppb
Vanadium	51-2	29.98	29.90	29.37	29.75	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				103		%
Zinc	66-2	233.70	233.11	232.80	233.20	0.19	ppb
Zirconium	90-1	1.30	1.24	1.27	1.27	2.53	ppb
Zirconium	91-1	1.18	1.16	1.01	1.12	7.92	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:39:54	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8390.25	8455.80	8322.88	8389.64	0.79	ppb
Antimony	121-1	51.70	53.82	53.06	52.86	2.03	ppb
Arsenic	75-2	184.02	181.09	178.05	181.05	1.65	ppb
Barium	135-1	2091.44	2183.18	2124.10	2132.91	2.18	ppb
Barium	137-1	2032.08	2244.23	2065.32	2113.88	5.40	ppb
Beryllium	9-1	2.54	2.75	2.64	2.64	3.86	ppb
Bismuth	209-1				122		%
Bismuth	209-2				109		%
Boron	10-1	4.39	5.74	5.25	5.13	13.28	ppb
Boron	11-1	4.56	5.68	5.51	5.25	11.54	ppb
Bromine	81-1						cps
Cadmium	111-1	9.19	9.46	8.77	9.14	3.77	ppb
Cadmium	106-1	13.58	15.29	12.44	13.77	10.44	ppb
Cadmium	108-1	10.32	11.74	11.95	11.33	7.82	ppb
Calcium	43-1	11066.58	11244.73	11642.38	11317.90	2.60	ppb
Calcium	44-1	10970.29	11678.76	11377.53	11342.19	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.99	27.89	26.62	27.17	2.41	ppb
Cobalt	59-2	9.97	10.31	9.64	9.97	3.37	ppb
Copper	63-2	2158.89	2178.54	2105.88	2147.77	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				100		%
Iron	54-2	58009.89	59557.53	58034.16	58533.86	1.51	ppb
Iron	56-2	56690.46	58707.11	56158.86	57185.48	2.35	ppb
Iron	57-2	57479.09	60827.57	56971.61	58426.09	3.59	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:39:54	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25951.88	26731.33	26460.60	26381.27	1.50	ppb
Lead	207-1	26051.68	26357.86	25774.23	26061.26	1.12	ppb
Lead	208-1	25686.86	26516.46	25688.50	25963.94	1.84	ppb
Lithium	6-1				111		%
Magnesium	24-2	1256.66	1286.65	1248.43	1263.91	1.59	ppb
Manganese	55-2	232.58	237.14	229.93	233.22	1.57	ppb
Molybdenum	94-1	17.00	17.06	16.68	16.92	1.21	ppb
Molybdenum	95-1	11.49	11.48	11.19	11.39	1.52	ppb
Molybdenum	96-1	12.11	13.20	12.39	12.56	4.49	ppb
Molybdenum	97-1	12.21	11.94	11.86	12.00	1.52	ppb
Molybdenum	98-1	11.37	11.92	11.42	11.57	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.71	49.96	48.31	48.66	2.40	ppb
Phosphorus	31-2	4041.36	4474.20	4253.52	4256.36	5.08	ppb
Potassium	39-2	819.62	836.51	820.38	825.51	1.16	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	82-1	2.72	2.37	2.70	2.60	7.42	ppb
Selenium	77-2	26.25	19.26	22.92	22.81	15.34	ppb
Selenium	78-2	8.06	7.54	8.46	8.02	5.75	ppb
Silicon	28-1	1242.45	1264.29	1288.50	1265.08	1.82	ppb
Silver	107-1	1.50	1.67	1.70	1.62	6.75	ppb
Silver	109-1	1.50	1.52	1.57	1.53	2.22	ppb
Sodium	23-2	386.68	409.24	381.21	392.38	3.79	ppb
Strontium	86-1	229.01	242.16	230.12	233.77	3.12	ppb
Strontium	88-1	228.48	241.14	237.47	235.70	2.76	ppb
Sulfur	34-1	184.33	700.45	1873.00	919.26	94.13	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.61	0.59	0.56	0.59	4.06	ppb
Thallium	205-1	0.58	0.60	0.61	0.60	2.41	ppb
Tin	118-1	131.83	141.04	138.53	137.13	3.47	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:39:54	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	439.52	435.68	471.96	449.05	4.44	ppb
Uranium	238-1	1.82	1.72	1.95	1.83	6.28	ppb
Vanadium	51-2	136.31	141.63	134.48	137.47	2.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	8794.49	9121.56	8873.58	8929.88	1.91	ppb
Zirconium	90-1	3.88	4.03	4.08	3.99	2.59	ppb
Zirconium	91-1	3.84	4.07	3.90	3.94	2.99	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-06	Instrumnet Name :	P8
Client Sample ID :	A0BB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:42:46	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10690.10	10466.77	10646.35	10601.07	1.12	ppb
Antimony	121-1	0.96	0.87	0.85	0.89	6.62	ppb
Arsenic	75-2	5.77	5.95	5.55	5.76	3.46	ppb
Barium	135-1	54.59	50.41	51.68	52.23	4.10	ppb
Barium	137-1	56.38	52.49	52.91	53.93	3.96	ppb
Beryllium	9-1	1.03	0.89	0.88	0.93	9.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	-0.05	-0.86	-1.34	-0.75		ppb
Boron	11-1	-0.32	-1.15	-1.15	-0.87		ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.24	0.05	0.13	78.33	ppb
Cadmium	106-1	0.03	1.45	0.19	0.56	138.95	ppb
Cadmium	108-1	-0.04	0.04	0.04	0.02	272.48	ppb
Calcium	43-1	2312.12	2059.77	2100.82	2157.57	6.28	ppb
Calcium	44-1	2348.12	2073.57	2095.25	2172.31	7.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.05	15.84	16.29	16.06	1.39	ppb
Cobalt	59-2	6.46	6.56	6.67	6.56	1.63	ppb
Copper	63-2	16.33	15.89	16.28	16.17	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	21080.69	21007.90	21277.54	21122.04	0.66	ppb
Iron	56-2	20572.62	20183.84	20749.44	20501.97	1.41	ppb
Iron	57-2	20314.28	19858.49	20308.34	20160.37	1.30	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-06	Instrumnet Name :	P8
Client Sample ID :	A0BB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:42:46	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.09	33.32	30.12	32.84	7.67	ppb
Lead	207-1	34.93	32.79	28.68	32.13	9.89	ppb
Lead	208-1	35.03	32.69	29.41	32.38	8.72	ppb
Lithium	6-1				109		%
Magnesium	24-2	3788.26	3766.23	3774.73	3776.41	0.29	ppb
Manganese	55-2	190.00	186.62	188.99	188.54	0.92	ppb
Molybdenum	94-1	3.36	3.20	2.83	3.13	8.78	ppb
Molybdenum	95-1	0.75	0.65	0.61	0.67	10.78	ppb
Molybdenum	96-1	1.30	0.99	1.06	1.12	14.64	ppb
Molybdenum	97-1	0.83	0.70	0.69	0.74	10.79	ppb
Molybdenum	98-1	0.76	0.65	0.64	0.68	9.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.70	11.58	11.62	11.63	0.53	ppb
Phosphorus	31-2	796.63	777.25	828.04	800.64	3.20	ppb
Potassium	39-2	1707.91	1685.72	1724.64	1706.09	1.14	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	82-1	0.03	-1.22	-0.36	-0.52		ppb
Selenium	77-2	15.05	16.70	18.13	16.63	9.27	ppb
Selenium	78-2	3.91	4.25	4.63	4.26	8.53	ppb
Silicon	28-1	1630.25	1453.54	1500.97	1528.25	5.98	ppb
Silver	107-1	0.09	0.07	0.08	0.08	6.89	ppb
Silver	109-1	0.09	0.08	0.08	0.08	9.97	ppb
Sodium	23-2	199.81	203.71	200.17	201.23	1.07	ppb
Strontium	86-1	12.18	11.83	10.76	11.59	6.36	ppb
Strontium	88-1	13.02	11.60	11.84	12.15	6.25	ppb
Sulfur	34-1	-2467.75	-4268.20	-4409.92	-3715.29		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.01	0.01	0.02	80.02	ppb
Thallium	205-1	0.07	0.05	0.02	0.04	54.26	ppb
Tin	118-1	0.80	0.85	0.83	0.83	3.45	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-06	Instrumnet Name :	P8
Client Sample ID :	A0BB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:42:46	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	781.85	707.06	709.35	732.76	5.80	ppb
Uranium	238-1	2.00	1.86	1.86	1.91	4.41	ppb
Vanadium	51-2	27.25	26.24	27.22	26.90	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	106.12	100.28	106.56	104.32	3.36	ppb
Zirconium	90-1	1.45	1.30	1.23	1.33	8.63	ppb
Zirconium	91-1	1.34	1.31	1.15	1.26	8.02	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:45:49	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6763.04	6898.75	6851.70	6837.83	1.01	ppb
Antimony	121-1	3351.23	3423.37	3373.47	3382.69	1.09	ppb
Arsenic	75-2	53.77	54.02	51.35	53.04	2.78	ppb
Barium	135-1	2360.16	2360.53	2324.26	2348.32	0.89	ppb
Barium	137-1	2332.42	2341.33	2373.50	2349.08	0.92	ppb
Beryllium	9-1	0.57	0.52	0.53	0.54	4.98	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	1.78	2.22	2.69	2.23	20.47	ppb
Boron	11-1	2.41	2.26	2.59	2.42	6.85	ppb
Bromine	81-1						cps
Cadmium	111-1	149.85	151.89	153.83	151.86	1.31	ppb
Cadmium	106-1	149.99	137.40	138.48	141.96	4.91	ppb
Cadmium	108-1	147.95	149.96	151.72	149.87	1.26	ppb
Calcium	43-1	70474.38	71085.05	71313.11	70957.51	0.61	ppb
Calcium	44-1	69845.55	69716.61	72060.90	70541.02	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.21	21.25	20.56	21.01	1.84	ppb
Cobalt	59-2	10.64	10.82	11.07	10.84	1.98	ppb
Copper	63-2	2597.87	2608.24	2639.06	2615.06	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	54-2	110075.47	110742.07	111386.50	110734.68	0.59	ppb
Iron	56-2	109816.86	108809.07	109206.84	109277.59	0.46	ppb
Iron	57-2	109014.47	109559.26	109760.30	109444.68	0.35	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:45:49	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24832.71	24109.22	23960.11	24300.68	1.92	ppb
Lead	207-1	22721.40	22160.01	22192.75	22358.05	1.41	ppb
Lead	208-1	23238.81	22849.55	22557.58	22881.98	1.49	ppb
Lithium	6-1				111		%
Magnesium	24-2	8125.55	8253.44	8027.25	8135.41	1.39	ppb
Manganese	55-2	656.80	664.29	669.95	663.68	0.99	ppb
Molybdenum	94-1	4.18	3.90	4.17	4.08	3.94	ppb
Molybdenum	95-1	2.43	2.34	2.54	2.44	4.14	ppb
Molybdenum	96-1	3.68	3.76	3.67	3.70	1.34	ppb
Molybdenum	97-1	2.74	2.50	2.51	2.58	5.21	ppb
Molybdenum	98-1	2.53	2.35	2.46	2.45	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.45	29.53	29.26	29.41	0.47	ppb
Phosphorus	31-2	830.06	776.58	532.10	712.91	22.28	ppb
Potassium	39-2	1058.43	1073.06	1072.02	1067.84	0.76	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.39	0.38	1.32	0.70	76.83	ppb
Selenium	77-2	18.66	10.06	15.71	14.81	29.50	ppb
Selenium	78-2	1.71	3.49	2.80	2.67	33.55	ppb
Silicon	28-1	2054.55	2084.51	2140.04	2093.03	2.07	ppb
Silver	107-1	1.67	1.68	1.68	1.68	0.45	ppb
Silver	109-1	1.58	1.69	1.63	1.63	3.32	ppb
Sodium	23-2	518.55	541.08	526.41	528.68	2.16	ppb
Strontium	86-1	494.05	473.04	506.23	491.11	3.42	ppb
Strontium	88-1	502.60	487.33	507.59	499.18	2.11	ppb
Sulfur	34-1	1741.21	2627.65	2837.55	2402.13	24.23	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.13	0.11	0.13	16.32	ppb
Thallium	205-1	0.15	0.16	0.15	0.15	3.21	ppb
Tin	118-1	134.57	133.25	133.71	133.85	0.50	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:45:49	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	322.94	326.47	331.64	327.02	1.34	ppb
Uranium	238-1	1.38	1.21	1.16	1.25	8.84	ppb
Vanadium	51-2	22.75	23.57	23.07	23.13	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	51042.03	51634.06	51629.94	51435.34	0.66	ppb
Zirconium	90-1	1.09	1.01	1.07	1.06	4.31	ppb
Zirconium	91-1	0.94	0.93	1.01	0.96	4.27	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:48:43	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7518.60	7097.59	7077.47	7231.22	3.44	ppb
Antimony	121-1	3625.13	3621.97	3670.25	3639.12	0.74	ppb
Arsenic	75-2	60.28	56.87	56.20	57.78	3.78	ppb
Barium	135-1	2797.47	2918.27	2816.19	2843.98	2.29	ppb
Barium	137-1	2785.51	2869.05	2817.86	2824.14	1.49	ppb
Beryllium	9-1	0.57	0.55	0.54	0.55	2.25	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	2.76	3.82	3.20	3.26	16.23	ppb
Boron	11-1	2.85	3.49	3.74	3.36	13.60	ppb
Bromine	81-1						cps
Cadmium	111-1	185.26	192.35	184.69	187.43	2.28	ppb
Cadmium	106-1	177.16	187.93	169.81	178.30	5.11	ppb
Cadmium	108-1	181.67	182.78	180.85	181.77	0.53	ppb
Calcium	43-1	70760.51	71315.34	69009.18	70361.68	1.71	ppb
Calcium	44-1	68787.31	69595.73	67556.13	68646.39	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.56	21.04	20.88	21.49	4.33	ppb
Cobalt	59-2	13.45	12.60	12.55	12.87	3.92	ppb
Copper	63-2	3758.26	3589.42	3605.59	3651.09	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	105541.91	95678.11	97895.59	99705.20	5.19	ppb
Iron	56-2	102884.89	97860.61	96873.79	99206.43	3.25	ppb
Iron	57-2	102004.76	100553.53	96636.98	99731.76	2.78	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:48:43	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38240.66	35623.52	34513.04	36125.74	5.30	ppb
Lead	207-1	32749.76	31807.29	30646.40	31734.48	3.32	ppb
Lead	208-1	34473.62	33302.39	32553.79	33443.26	2.89	ppb
Lithium	6-1				109		%
Magnesium	24-2	8537.24	8150.83	7957.87	8215.32	3.59	ppb
Manganese	55-2	714.37	668.58	673.88	685.61	3.65	ppb
Molybdenum	94-1	4.09	4.07	3.81	3.99	3.95	ppb
Molybdenum	95-1	2.53	2.69	2.49	2.57	4.04	ppb
Molybdenum	96-1	3.31	3.48	3.44	3.41	2.60	ppb
Molybdenum	97-1	2.34	2.85	2.46	2.55	10.46	ppb
Molybdenum	98-1	2.53	2.57	2.40	2.50	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.94	31.73	31.41	32.36	4.25	ppb
Phosphorus	31-2	804.26	682.42	656.41	714.36	11.05	ppb
Potassium	39-2	1139.39	1082.27	1059.80	1093.82	3.75	ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	0.93	1.80	1.46	1.40	31.10	ppb
Selenium	77-2	18.59	9.17	13.32	13.69	34.49	ppb
Selenium	78-2	3.49	3.34	3.94	3.59	8.68	ppb
Silicon	28-1	1846.59	1883.62	1841.89	1857.37	1.23	ppb
Silver	107-1	2.31	2.34	2.09	2.25	6.10	ppb
Silver	109-1	2.19	2.31	2.13	2.21	3.94	ppb
Sodium	23-2	483.56	462.11	457.19	467.62	3.00	ppb
Strontium	86-1	463.12	479.23	446.87	463.07	3.49	ppb
Strontium	88-1	470.74	467.25	455.78	464.59	1.68	ppb
Sulfur	34-1	3848.14	4006.53	4338.61	4064.43	6.16	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.16	0.15	0.15	0.15	6.51	ppb
Thallium	205-1	0.17	0.16	0.15	0.16	7.06	ppb
Tin	118-1	434.57	440.05	424.21	432.94	1.86	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:48:43	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	328.29	331.93	333.63	331.28	0.82	ppb
Uranium	238-1	1.16	1.11	1.20	1.16	4.01	ppb
Vanadium	51-2	27.14	25.70	25.17	26.00	3.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	64748.77	60670.47	60547.47	61988.90	3.86	ppb
Zirconium	90-1	1.00	1.12	1.01	1.04	6.37	ppb
Zirconium	91-1	0.86	1.14	0.94	0.98	14.86	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LX5	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 16:51:38	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1282.70	1369.09	1336.72	1329.51	3.28	ppb
Antimony	121-1	675.25	676.77	673.08	675.04	0.27	ppb
Arsenic	75-2	10.14	10.99	10.27	10.47	4.38	ppb
Barium	135-1	448.53	459.98	450.60	453.03	1.35	ppb
Barium	137-1	451.99	475.27	466.98	464.75	2.54	ppb
Beryllium	9-1	0.08	0.09	0.09	0.09	9.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	-1.15	-1.02	-1.83	-1.33		ppb
Boron	11-1	-0.72	-0.73	-1.31	-0.92		ppb
Bromine	81-1						cps
Cadmium	111-1	30.28	31.53	31.13	30.98	2.05	ppb
Cadmium	106-1	31.92	29.19	33.07	31.39	6.34	ppb
Cadmium	108-1	29.72	29.60	28.48	29.27	2.34	ppb
Calcium	43-1	13722.77	13459.99	13784.91	13655.89	1.26	ppb
Calcium	44-1	13600.13	13690.08	13712.82	13667.68	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.07	4.35	4.09	4.17	3.74	ppb
Cobalt	59-2	2.09	2.16	2.13	2.13	1.57	ppb
Copper	63-2	496.20	515.75	512.49	508.15	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	21087.77	22228.00	22173.82	21829.86	2.95	ppb
Iron	56-2	20784.76	21614.62	21282.46	21227.28	1.97	ppb
Iron	57-2	20297.74	20949.69	20867.86	20705.10	1.72	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LX5	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 16:51:38	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4914.55	4630.79	4747.86	4764.40	2.99	ppb
Lead	207-1	4425.75	4435.95	4318.44	4393.38	1.48	ppb
Lead	208-1	4528.40	4535.10	4392.23	4485.24	1.80	ppb
Lithium	6-1				108		%
Magnesium	24-2	1544.02	1602.18	1587.82	1578.01	1.92	ppb
Manganese	55-2	124.73	132.62	128.90	128.75	3.06	ppb
Molybdenum	94-1	0.80	0.85	0.73	0.79	7.60	ppb
Molybdenum	95-1	0.44	0.51	0.54	0.50	11.35	ppb
Molybdenum	96-1	0.75	0.70	0.71	0.72	3.66	ppb
Molybdenum	97-1	0.49	0.53	0.48	0.50	5.13	ppb
Molybdenum	98-1	0.49	0.40	0.54	0.48	14.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.59	5.94	5.64	5.72	3.26	ppb
Phosphorus	31-2	158.10	151.60	123.08	144.26	12.91	ppb
Potassium	39-2	205.97	215.90	222.03	214.63	3.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	-1.21	-0.91	-0.78	-0.97		ppb
Selenium	77-2	-1.44	-0.33	1.73	-0.01		ppb
Selenium	78-2	-0.39	1.23	-0.73	0.04	2732.82	ppb
Silicon	28-1	379.24	389.51	383.70	384.15	1.34	ppb
Silver	107-1	0.30	0.36	0.34	0.33	9.30	ppb
Silver	109-1	0.34	0.37	0.31	0.34	8.07	ppb
Sodium	23-2	112.48	119.21	112.56	114.75	3.37	ppb
Strontium	86-1	99.68	98.17	96.77	98.21	1.48	ppb
Strontium	88-1	98.88	98.41	100.23	99.17	0.95	ppb
Sulfur	34-1	267.56	16.73	408.12	230.80	85.90	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Tin	118-1	28.07	28.16	27.86	28.03	0.54	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LX5	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 16:51:38	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	62.50	61.87	63.62	62.66	1.42	ppb
Uranium	238-1	0.27	0.27	0.23	0.25	9.43	ppb
Vanadium	51-2	4.43	4.63	4.58	4.54	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	9942.90	10276.17	10365.15	10194.74	2.18	ppb
Zirconium	90-1	0.20	0.18	0.19	0.19	4.58	ppb
Zirconium	91-1	0.20	0.24	0.15	0.20	24.14	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:54:32	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8110.82	8040.28	8088.31	8079.81	0.45	ppb
Antimony	121-1	3425.13	3485.17	3398.37	3436.22	1.29	ppb
Arsenic	75-2	66.69	66.00	69.25	67.31	2.55	ppb
Barium	135-1	2133.64	2183.05	2060.24	2125.64	2.91	ppb
Barium	137-1	2088.72	2129.56	2142.55	2120.28	1.32	ppb
Beryllium	9-1	10.53	10.96	10.85	10.78	2.09	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	3.20	2.97	2.61	2.92	10.12	ppb
Boron	11-1	2.40	3.00	2.95	2.78	11.93	ppb
Bromine	81-1						cps
Cadmium	111-1	171.52	168.01	166.38	168.64	1.56	ppb
Cadmium	106-1	172.09	164.36	164.86	167.10	2.59	ppb
Cadmium	108-1	169.21	173.76	170.68	171.22	1.36	ppb
Calcium	43-1	90300.83	89809.81	90580.75	90230.46	0.43	ppb
Calcium	44-1	89406.06	89046.32	89368.05	89273.47	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.91	65.48	66.07	65.82	0.47	ppb
Cobalt	59-2	116.36	117.09	117.58	117.01	0.53	ppb
Copper	63-2	2999.71	2952.63	2994.95	2982.43	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				101		%
Iron	54-2	108098.22	105028.57	109697.78	107608.19	2.21	ppb
Iron	56-2	107732.25	103400.93	105246.07	105459.75	2.06	ppb
Iron	57-2	107685.13	104925.69	106575.21	106395.34	1.31	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:54:32	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17518.69	17880.63	19018.52	18139.28	4.31	ppb
Lead	207-1	16583.97	16728.55	17171.64	16828.05	1.82	ppb
Lead	208-1	17001.80	17585.32	17617.36	17401.49	1.99	ppb
Lithium	6-1				111		%
Magnesium	24-2	9777.03	9635.43	9813.20	9741.89	0.96	ppb
Manganese	55-2	787.85	780.75	784.08	784.22	0.45	ppb
Molybdenum	94-1	4.02	4.36	4.41	4.26	4.92	ppb
Molybdenum	95-1	2.20	2.25	2.41	2.29	4.85	ppb
Molybdenum	96-1	3.35	3.40	3.33	3.36	1.03	ppb
Molybdenum	97-1	2.12	2.23	2.14	2.16	2.84	ppb
Molybdenum	98-1	2.18	2.18	2.15	2.17	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.65	139.13	141.89	140.22	1.05	ppb
Phosphorus	31-2	612.42	770.35	757.93	713.57	12.31	ppb
Potassium	39-2	1255.98	1248.92	1250.12	1251.67	0.30	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	82-1	17.02	18.36	18.62	18.00	4.78	ppb
Selenium	77-2	24.71	27.77	39.63	30.71	25.66	ppb
Selenium	78-2	18.64	20.11	22.41	20.38	9.33	ppb
Silicon	28-1	2734.89	2587.33	2603.84	2642.02	3.06	ppb
Silver	107-1	14.05	13.85	13.53	13.81	1.88	ppb
Silver	109-1	14.04	14.64	14.01	14.23	2.48	ppb
Sodium	23-2	757.72	752.82	767.19	759.24	0.96	ppb
Strontium	86-1	550.68	547.30	551.23	549.74	0.39	ppb
Strontium	88-1	564.31	549.74	560.53	558.19	1.35	ppb
Sulfur	34-1	4476.03	4121.49	4213.06	4270.19	4.31	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	7.90	8.53	8.54	8.33	4.38	ppb
Thallium	205-1	7.84	8.72	9.18	8.58	7.94	ppb
Tin	118-1	149.13	149.69	143.60	147.47	2.28	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:54:32	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	361.99	348.75	356.83	355.86	1.88	ppb
Uranium	238-1	1.70	1.82	1.79	1.77	3.59	ppb
Vanadium	51-2	129.35	128.18	131.88	129.81	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	70530.25	68244.33	69073.03	69282.53	1.67	ppb
Zirconium	90-1	1.30	1.32	1.31	1.31	0.60	ppb
Zirconium	91-1	1.29	1.34	1.39	1.34	3.90	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:15:17	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53877.68	52692.72	52338.75	52969.72	1.52	ppb
Antimony	121-1	482.89	472.89	469.39	475.06	1.48	ppb
Arsenic	75-2	509.12	515.23	510.92	511.76	0.61	ppb
Barium	135-1	2509.10	2433.96	2419.28	2454.11	1.96	ppb
Barium	137-1	2475.54	2389.67	2402.12	2422.45	1.92	ppb
Beryllium	9-1	496.09	489.55	504.61	496.75	1.52	ppb
Bismuth	209-1				116		%
Bismuth	209-2				98		%
Boron	10-1	511.14	534.54	567.69	537.79	5.28	ppb
Boron	11-1	502.55	516.88	546.26	521.90	4.27	ppb
Bromine	81-1						cps
Cadmium	111-1	465.41	459.17	449.53	458.04	1.75	ppb
Cadmium	106-1	483.04	463.76	471.15	472.65	2.06	ppb
Cadmium	108-1	473.67	456.38	458.30	462.78	2.05	ppb
Calcium	43-1	264550.49	265291.76	270029.96	266624.07	1.11	ppb
Calcium	44-1	251322.11	262829.47	255826.44	256659.34	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.19	498.97	501.74	504.30	1.38	ppb
Cobalt	59-2	531.71	522.40	522.96	525.69	0.99	ppb
Copper	63-2	5237.20	5089.26	5176.65	5167.70	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	54-2	133402.19	129980.61	134426.50	132603.10	1.76	ppb
Iron	56-2	130280.28	131654.73	130494.99	130810.00	0.57	ppb
Iron	57-2	132037.39	130444.66	129899.15	130793.73	0.85	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:15:17	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2550.71	2529.63	2524.25	2534.86	0.55	ppb
Lead	207-1	2654.12	2528.80	2603.14	2595.35	2.43	ppb
Lead	208-1	2550.16	2504.80	2556.07	2537.01	1.11	ppb
Lithium	6-1				110		%
Magnesium	24-2	267346.54	262594.42	261894.43	263945.13	1.12	ppb
Manganese	55-2	5199.45	5119.01	5302.81	5207.09	1.77	ppb
Molybdenum	94-1	5443.78	5330.55	5429.73	5401.35	1.14	ppb
Molybdenum	95-1	5416.99	5345.99	5476.34	5413.11	1.21	ppb
Molybdenum	96-1	5454.39	5527.62	5441.38	5474.46	0.85	ppb
Molybdenum	97-1	5511.41	5384.18	5508.88	5468.16	1.33	ppb
Molybdenum	98-1	5583.51	5416.58	5531.74	5510.61	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.30	513.40	505.68	511.79	1.07	ppb
Phosphorus	31-2	10030.86	9873.84	10054.36	9986.36	0.98	ppb
Potassium	39-2	125446.87	124020.54	125105.93	124857.78	0.60	ppb
Rhodium	103-1				105		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				90		%
Selenium	82-1	513.04	512.25	514.31	513.20	0.20	ppb
Selenium	77-2	482.38	502.36	538.00	507.58	5.55	ppb
Selenium	78-2	523.58	530.39	520.41	524.79	0.97	ppb
Silicon	28-1	445.14	500.55	495.28	480.33	6.37	ppb
Silver	107-1	516.43	489.34	516.37	507.38	3.08	ppb
Silver	109-1	512.40	506.98	487.40	502.26	2.62	ppb
Sodium	23-2	270588.44	261366.27	266625.57	266193.43	1.74	ppb
Strontium	86-1	4942.18	4987.37	4777.35	4902.30	2.25	ppb
Strontium	88-1	4789.88	5074.86	4892.09	4918.94	2.94	ppb
Sulfur	34-1	11488.59	11252.59	11519.83	11420.34	1.28	ppb
Terbium	159-1				119		%
Terbium	159-2				105		%
Thallium	203-1	481.99	467.23	495.12	481.45	2.90	ppb
Thallium	205-1	520.14	501.56	516.62	512.77	1.92	ppb
Tin	118-1	500.14	486.69	480.02	488.95	2.10	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:15:17	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5415.07	5562.59	5437.98	5471.88	1.45	ppb
Uranium	238-1	519.33	505.19	535.79	520.11	2.94	ppb
Vanadium	51-2	520.30	513.18	511.88	515.12	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				94		%
Zinc	66-2	5098.46	5031.50	5090.02	5073.33	0.72	ppb
Zirconium	90-1	493.14	497.74	510.99	500.62	1.85	ppb
Zirconium	91-1	483.47	480.91	493.41	485.93	1.36	ppb

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCB062 Instrumnet Name : P8
 Client Sample ID : CCB062 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 17:21:05 DataFile Name : 108CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.35	7.39	5.04	5.26	38.57	ppb
Antimony	121-1	0.19	0.16	0.22	0.19	15.77	ppb
Arsenic	75-2	0.04	0.05	0.03	0.04	24.11	ppb
Barium	135-1	0.10	0.06	0.08	0.08	27.50	ppb
Barium	137-1	0.14	0.14	0.09	0.13	23.29	ppb
Beryllium	9-1	0.08	0.10	0.09	0.09	15.44	ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	36.64	34.69	34.56	35.29	3.30	ppb
Boron	11-1	35.10	33.38	34.18	34.22	2.52	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.32	-0.10	-0.18		ppb
Cadmium	106-1	-2.40	-4.85	-2.31	-3.19		ppb
Cadmium	108-1	-0.27	-0.07	-0.26	-0.20		ppb
Calcium	43-1	18.89	14.08	13.11	15.36	20.14	ppb
Calcium	44-1	11.59	13.37	8.38	11.12	22.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.12	0.04	211.27	ppb
Cobalt	59-2	0.01	0.06	0.03	0.03	82.68	ppb
Copper	63-2	0.38	0.77	0.64	0.60	32.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	54-2	7.82	18.96	12.53	13.10	42.66	ppb
Iron	56-2	8.40	17.14	12.21	12.59	34.84	ppb
Iron	57-2	6.44	19.07	10.57	12.02	53.54	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:21:05	DataFile Name :	108CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.44	0.34	0.36	0.38	13.31	ppb
Lead	207-1	0.32	0.39	0.31	0.34	12.96	ppb
Lead	208-1	0.36	0.35	0.31	0.34	7.37	ppb
Lithium	6-1				108		%
Magnesium	24-2	15.84	32.19	24.86	24.30	33.71	ppb
Manganese	55-2	0.24	0.55	0.42	0.41	38.52	ppb
Molybdenum	94-1	0.40	0.40	0.34	0.38	8.30	ppb
Molybdenum	95-1	0.43	0.41	0.38	0.41	6.50	ppb
Molybdenum	96-1	0.49	0.44	0.33	0.42	18.87	ppb
Molybdenum	97-1	0.49	0.45	0.33	0.43	19.66	ppb
Molybdenum	98-1	0.44	0.43	0.35	0.40	12.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-62.00	-1.78	-11.78	-25.19		ppb
Potassium	39-2	8.98	26.41	36.09	23.83	57.65	ppb
Rhodium	103-1				109		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				89		%
Selenium	82-1	-0.66	-0.53	-0.87	-0.69		ppb
Selenium	77-2	-0.32	-1.44	-1.44	-1.07		ppb
Selenium	78-2	0.72	-0.58	-1.01	-0.29		ppb
Silicon	28-1	-31.62	-21.14	-27.77	-26.84		ppb
Silver	107-1	0.07	0.06	0.05	0.06	15.05	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.69	ppb
Sodium	23-2	86.86	92.81	89.09	89.58	3.35	ppb
Strontium	86-1	0.14	0.14	0.23	0.17	31.50	ppb
Strontium	88-1	0.33	0.26	0.25	0.28	15.37	ppb
Sulfur	34-1	-1866.59	-1210.70	-1741.03	-1606.10		ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.01	0.04	0.04	73.62	ppb
Thallium	205-1	0.08	0.07	0.03	0.06	42.23	ppb
Tin	118-1	0.06	0.06	0.08	0.07	16.60	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:21:05	DataFile Name :	108CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.24	0.14	0.18	31.90	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	15.21	ppb
Vanadium	51-2	0.02	0.05	0.02	0.03	52.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	0.43	1.39	0.99	0.94	51.58	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	27.73	ppb
Zirconium	91-1	0.05	0.04	0.00	0.03	77.27	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-10	Instrumnet Name :	P8
Client Sample ID :	A0BC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:24:06	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13480.33	13408.63	13601.43	13496.80	0.72	ppb
Antimony	121-1	0.59	0.68	0.67	0.65	7.26	ppb
Arsenic	75-2	3.15	3.18	3.04	3.13	2.37	ppb
Barium	135-1	114.35	108.14	116.69	113.06	3.91	ppb
Barium	137-1	116.61	112.01	117.45	115.35	2.54	ppb
Beryllium	9-1	0.99	0.93	0.99	0.97	3.38	ppb
Bismuth	209-1				120		%
Bismuth	209-2				104		%
Boron	10-1	20.53	20.45	19.51	20.16	2.81	ppb
Boron	11-1	19.12	19.44	20.27	19.61	3.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.20	0.20	0.17	27.53	ppb
Cadmium	106-1	0.00	1.21	0.98	0.73	87.87	ppb
Cadmium	108-1	-0.08	0.48	0.18	0.20	142.55	ppb
Calcium	43-1	3178.55	2989.30	3134.67	3100.84	3.19	ppb
Calcium	44-1	3162.50	2944.52	3100.36	3069.13	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.60	18.17	18.29	18.35	1.21	ppb
Cobalt	59-2	8.44	8.56	8.58	8.53	0.91	ppb
Copper	63-2	15.35	15.48	15.86	15.56	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				98		%
Iron	54-2	23521.08	23483.43	23891.62	23632.04	0.95	ppb
Iron	56-2	23319.65	22404.21	23092.27	22938.71	2.08	ppb
Iron	57-2	22301.47	22292.23	22626.68	22406.79	0.85	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-10	Instrumnet Name :	P8
Client Sample ID :	A0BC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:24:06	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.28	11.05	11.42	11.25	1.65	ppb
Lead	207-1	10.74	10.02	10.68	10.48	3.79	ppb
Lead	208-1	10.80	10.45	10.97	10.74	2.44	ppb
Lithium	6-1				115		%
Magnesium	24-2	4669.69	4640.54	4817.50	4709.25	2.01	ppb
Manganese	55-2	407.24	400.31	410.15	405.90	1.25	ppb
Molybdenum	94-1	5.13	4.81	4.67	4.87	4.82	ppb
Molybdenum	95-1	0.77	0.86	0.69	0.77	10.82	ppb
Molybdenum	96-1	1.33	1.32	1.33	1.33	0.61	ppb
Molybdenum	97-1	0.73	0.73	0.76	0.74	2.24	ppb
Molybdenum	98-1	0.77	0.70	0.79	0.76	6.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.18	13.60	13.80	13.86	2.12	ppb
Phosphorus	31-2	1187.63	957.57	1131.09	1092.09	10.98	ppb
Potassium	39-2	2463.78	2402.20	2480.57	2448.85	1.69	ppb
Rhodium	103-1				112		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				94		%
Selenium	82-1	-1.23	0.42	-0.86	-0.56		ppb
Selenium	77-2	35.57	43.09	28.71	35.79	20.09	ppb
Selenium	78-2	3.41	3.71	5.97	4.36	32.14	ppb
Silicon	28-1	1735.60	1631.87	1686.41	1684.63	3.08	ppb
Silver	107-1	0.15	0.15	0.12	0.14	13.72	ppb
Silver	109-1	0.14	0.13	0.12	0.13	6.78	ppb
Sodium	23-2	287.07	285.53	297.37	289.99	2.22	ppb
Strontium	86-1	14.92	14.49	15.09	14.83	2.09	ppb
Strontium	88-1	14.82	14.64	14.80	14.76	0.67	ppb
Sulfur	34-1	-2428.46	-3555.54	-2765.75	-2916.58		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.14	0.20	0.16	25.55	ppb
Thallium	205-1	0.19	0.19	0.18	0.18	3.54	ppb
Tin	118-1	0.60	0.65	0.64	0.63	4.07	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-10	Instrumnet Name :	P8
Client Sample ID :	A0BC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:24:06	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	825.83	769.95	830.33	808.70	4.16	ppb
Uranium	238-1	2.26	2.10	2.20	2.18	3.70	ppb
Vanadium	51-2	32.76	32.42	32.71	32.63	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				100		%
Zinc	66-2	85.55	82.78	81.62	83.32	2.42	ppb
Zirconium	90-1	2.04	2.18	2.28	2.17	5.55	ppb
Zirconium	91-1	2.18	2.15	2.19	2.17	0.97	ppb

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-11 Instrumnet Name : P8
 Client Sample ID : A0BC2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 17:27:10 DataFile Name : 110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14135.49	13368.72	13592.81	13699.00	2.88	ppb
Antimony	121-1	1.18	1.10	1.07	1.12	5.29	ppb
Arsenic	75-2	4.40	4.08	4.15	4.21	3.96	ppb
Barium	135-1	206.45	191.44	199.80	199.23	3.77	ppb
Barium	137-1	205.13	198.76	203.28	202.39	1.62	ppb
Beryllium	9-1	0.76	0.73	0.71	0.73	3.65	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	21.09	20.09	19.91	20.37	3.12	ppb
Boron	11-1	21.22	20.42	18.52	20.06	6.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.57	0.33	0.48	0.46	26.96	ppb
Cadmium	106-1	3.20	-0.39	2.25	1.69	110.29	ppb
Cadmium	108-1	0.30	0.59	0.49	0.46	32.24	ppb
Calcium	43-1	2395.32	2434.51	2280.97	2370.27	3.37	ppb
Calcium	44-1	2378.61	2411.84	2283.09	2357.85	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.49	17.14	16.75	17.13	2.16	ppb
Cobalt	59-2	6.73	6.48	6.48	6.56	2.20	ppb
Copper	63-2	70.59	67.55	68.51	68.88	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	54-2	18881.81	17967.11	18169.29	18339.40	2.62	ppb
Iron	56-2	19182.25	18202.37	17988.42	18457.68	3.45	ppb
Iron	57-2	18696.04	17974.08	17958.40	18209.51	2.31	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-11	Instrumnet Name :	P8
Client Sample ID :	A0BC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:27:10	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	600.62	617.47	601.89	606.66	1.55	ppb
Lead	207-1	594.33	603.93	607.95	602.07	1.16	ppb
Lead	208-1	619.61	633.23	614.01	622.28	1.59	ppb
Lithium	6-1				108		%
Magnesium	24-2	3385.10	3180.89	3180.02	3248.67	3.64	ppb
Manganese	55-2	304.36	291.13	297.69	297.73	2.22	ppb
Molybdenum	94-1	1.97	2.06	1.74	1.93	8.53	ppb
Molybdenum	95-1	0.90	0.72	0.64	0.75	17.42	ppb
Molybdenum	96-1	1.12	1.06	0.91	1.03	10.38	ppb
Molybdenum	97-1	0.80	0.94	0.80	0.85	9.86	ppb
Molybdenum	98-1	0.88	0.77	0.79	0.81	7.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.71	10.65	10.79	10.72	0.69	ppb
Phosphorus	31-2	383.31	502.09	366.65	417.35	17.70	ppb
Potassium	39-2	874.26	831.21	874.88	860.11	2.91	ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	82-1	0.34	-0.50	-0.14	-0.10		ppb
Selenium	77-2	14.06	2.74	8.25	8.35	67.80	ppb
Selenium	78-2	1.47	1.07	1.76	1.43	24.04	ppb
Silicon	28-1	1497.58	1533.13	1452.16	1494.29	2.72	ppb
Silver	107-1	0.15	0.20	0.19	0.18	13.01	ppb
Silver	109-1	0.20	0.19	0.24	0.21	11.65	ppb
Sodium	23-2	150.07	144.37	147.73	147.39	1.94	ppb
Strontium	86-1	9.92	10.48	9.69	10.03	4.07	ppb
Strontium	88-1	10.02	10.00	9.64	9.89	2.15	ppb
Sulfur	34-1	-2170.00	-2131.41	-2781.33	-2360.91		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.11	0.11	0.09	29.87	ppb
Thallium	205-1	0.10	0.13	0.10	0.11	14.27	ppb
Tin	118-1	1.97	2.04	2.00	2.00	1.71	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-11	Instrumnet Name :	P8
Client Sample ID :	A0BC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:27:10	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	681.13	687.73	626.39	665.08	5.06	ppb
Uranium	238-1	1.10	1.24	1.14	1.16	6.05	ppb
Vanadium	51-2	25.72	24.69	24.86	25.09	2.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	293.59	280.47	285.87	286.64	2.30	ppb
Zirconium	90-1	0.71	0.74	0.69	0.71	4.10	ppb
Zirconium	91-1	0.75	0.59	0.68	0.67	11.83	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-12	Instrumnet Name :	P8
Client Sample ID :	A0BC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:30:10	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9281.53	9229.13	8948.89	9153.19	1.95	ppb
Antimony	121-1	0.18	0.19	0.19	0.19	1.77	ppb
Arsenic	75-2	2.81	2.34	2.47	2.54	9.71	ppb
Barium	135-1	63.86	64.43	63.31	63.87	0.87	ppb
Barium	137-1	62.59	66.56	63.72	64.29	3.18	ppb
Beryllium	9-1	1.02	0.97	0.95	0.98	3.61	ppb
Bismuth	209-1				117		%
Bismuth	209-2				102		%
Boron	10-1	13.51	14.88	13.83	14.07	5.11	ppb
Boron	11-1	13.70	13.92	13.38	13.67	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.29	0.17	0.16	74.85	ppb
Cadmium	106-1	-0.22	3.26	0.81	1.28	139.35	ppb
Cadmium	108-1	0.47	0.39	-0.07	0.26	110.88	ppb
Calcium	43-1	2071.56	2167.97	2206.33	2148.62	3.23	ppb
Calcium	44-1	2088.19	2156.76	2205.20	2150.05	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.46	11.11	10.93	11.16	2.44	ppb
Cobalt	59-2	9.47	9.11	8.87	9.15	3.29	ppb
Copper	63-2	13.14	12.67	12.19	12.67	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				98		%
Iron	54-2	21594.86	20699.12	20356.31	20883.43	3.06	ppb
Iron	56-2	20561.97	20370.83	19798.61	20243.80	1.96	ppb
Iron	57-2	20258.49	19668.97	19075.72	19667.72	3.01	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-12	Instrumnet Name :	P8
Client Sample ID :	A0BC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:30:10	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9.92	10.77	10.34	10.34	4.13	ppb
Lead	207-1	9.28	9.91	9.50	9.56	3.31	ppb
Lead	208-1	9.44	10.28	9.94	9.89	4.30	ppb
Lithium	6-1				111		%
Magnesium	24-2	3823.81	3753.69	3704.64	3760.71	1.59	ppb
Manganese	55-2	444.45	442.64	439.81	442.30	0.53	ppb
Molybdenum	94-1	5.10	5.59	5.50	5.40	4.77	ppb
Molybdenum	95-1	1.03	1.05	1.05	1.04	1.11	ppb
Molybdenum	96-1	1.47	1.53	1.64	1.55	5.50	ppb
Molybdenum	97-1	0.97	1.04	0.98	1.00	3.79	ppb
Molybdenum	98-1	0.97	1.01	0.98	0.99	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.60	9.44	9.26	9.43	1.77	ppb
Phosphorus	31-2	645.32	624.33	610.61	626.75	2.79	ppb
Potassium	39-2	1795.28	1780.37	1690.95	1755.53	3.21	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				96		%
Selenium	82-1	-0.65	0.51	-1.39	-0.51		ppb
Selenium	77-2	46.70	29.74	42.61	39.68	22.31	ppb
Selenium	78-2	5.87	5.09	6.13	5.69	9.47	ppb
Silicon	28-1	1380.22	1455.62	1493.11	1442.98	3.98	ppb
Silver	107-1	0.07	0.11	0.13	0.10	27.94	ppb
Silver	109-1	0.11	0.12	0.09	0.11	18.07	ppb
Sodium	23-2	275.29	266.39	260.64	267.44	2.76	ppb
Strontium	86-1	9.65	10.00	10.23	9.96	2.93	ppb
Strontium	88-1	9.78	10.20	10.27	10.09	2.63	ppb
Sulfur	34-1	-3573.64	-2933.58	-2697.68	-3068.30		ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.14	0.13	0.12	18.63	ppb
Thallium	205-1	0.12	0.14	0.12	0.12	11.06	ppb
Tin	118-1	0.49	0.50	0.57	0.52	7.95	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-12	Instrumnet Name :	P8
Client Sample ID :	A0BC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:30:10	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	540.53	567.86	572.74	560.37	3.10	ppb
Uranium	238-1	1.98	2.19	2.11	2.09	5.11	ppb
Vanadium	51-2	21.22	21.33	20.97	21.17	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				100		%
Zinc	66-2	102.59	100.56	99.82	100.99	1.42	ppb
Zirconium	90-1	2.21	2.49	2.44	2.38	6.20	ppb
Zirconium	91-1	2.18	2.33	2.38	2.30	4.57	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-14	Instrumnet Name :	P8
Client Sample ID :	A0BD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:33:14	DataFile Name :	112AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	385.77	379.92	379.02	381.57	0.96	ppb
Antimony	121-1	0.24	0.28	0.29	0.27	9.49	ppb
Arsenic	75-2	22.82	22.70	22.81	22.78	0.29	ppb
Barium	135-1	428.95	450.31	440.33	439.86	2.43	ppb
Barium	137-1	437.29	462.17	449.50	449.66	2.77	ppb
Beryllium	9-1	14.46	14.72	14.07	14.42	2.26	ppb
Bismuth	209-1				115		%
Bismuth	209-2				100		%
Boron	10-1	12.36	12.32	11.88	12.19	2.19	ppb
Boron	11-1	12.37	12.61	12.07	12.35	2.18	ppb
Bromine	81-1						cps
Cadmium	111-1	1.42	1.20	1.08	1.23	14.21	ppb
Cadmium	106-1	1.25	-0.21	-2.12	-0.36		ppb
Cadmium	108-1	1.32	1.64	1.25	1.41	14.80	ppb
Calcium	43-1	417.39	436.98	434.38	429.58	2.48	ppb
Calcium	44-1	407.95	430.63	424.82	421.13	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.37	56.64	56.35	56.45	0.28	ppb
Cobalt	59-2	0.56	0.55	0.56	0.56	1.07	ppb
Copper	63-2	94.11	92.72	92.08	92.97	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	54-2	826.17	826.19	819.81	824.06	0.45	ppb
Iron	56-2	763.83	780.72	760.18	768.24	1.43	ppb
Iron	57-2	762.51	780.03	755.15	765.90	1.67	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-14	Instrumnet Name :	P8
Client Sample ID :	A0BD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:33:14	DataFile Name :	112AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	20.74	20.30	21.33	20.79	2.48	ppb
Lead	207-1	20.37	19.71	20.24	20.11	1.75	ppb
Lead	208-1	20.35	20.26	20.57	20.39	0.78	ppb
Lithium	6-1				112		%
Magnesium	24-2	179.92	180.19	176.70	178.94	1.09	ppb
Manganese	55-2	113.81	112.84	113.04	113.23	0.45	ppb
Molybdenum	94-1	4.44	4.49	4.78	4.57	3.94	ppb
Molybdenum	95-1	0.05	0.13	0.16	0.12	48.28	ppb
Molybdenum	96-1	0.54	0.56	0.61	0.57	6.11	ppb
Molybdenum	97-1	0.14	0.11	0.13	0.12	11.09	ppb
Molybdenum	98-1	0.09	0.10	0.17	0.12	38.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.69	145.64	140.72	143.68	1.82	ppb
Phosphorus	31-2	-12.88	-37.70	-6.25	-18.94		ppb
Potassium	39-2	131.04	140.65	129.86	133.85	4.42	ppb
Rhodium	103-1				112		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				94		%
Selenium	82-1	29.36	28.14	27.91	28.47	2.74	ppb
Selenium	77-2	24.61	38.93	26.87	30.14	25.54	ppb
Selenium	78-2	27.53	32.03	26.96	28.84	9.63	ppb
Silicon	28-1	234.30	239.21	232.23	235.25	1.52	ppb
Silver	107-1	67.63	70.43	70.00	69.36	2.18	ppb
Silver	109-1	69.33	71.69	69.26	70.09	1.97	ppb
Sodium	23-2	138.01	134.05	135.72	135.93	1.46	ppb
Strontium	86-1	2.77	3.36	3.30	3.14	10.31	ppb
Strontium	88-1	3.11	3.29	3.31	3.24	3.47	ppb
Sulfur	34-1	-3288.16	-2872.16	-3370.14	-3176.82		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.19	0.18	0.19	0.19	2.13	ppb
Thallium	205-1	0.18	0.20	0.17	0.18	9.81	ppb
Tin	118-1	0.16	0.17	0.23	0.19	20.97	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-14	Instrumnet Name :	P8
Client Sample ID :	A0BD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:33:14	DataFile Name :	112AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.94	4.35	3.77	4.02	7.41	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	9.91	ppb
Vanadium	51-2	157.67	155.73	153.94	155.78	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				97		%
Zinc	66-2	4.12	4.86	4.65	4.54	8.40	ppb
Zirconium	90-1	2.42	2.50	2.33	2.42	3.54	ppb
Zirconium	91-1	2.30	2.46	2.30	2.35	4.02	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-15	Instrumnet Name :	P8
Client Sample ID :	A0BD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:36:15	DataFile Name :	113AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7879.48	8237.34	8311.93	8142.92	2.84	ppb
Antimony	121-1	3.95	4.22	4.16	4.11	3.46	ppb
Arsenic	75-2	6.31	6.60	6.71	6.54	3.14	ppb
Barium	135-1	381.97	409.09	398.09	396.38	3.44	ppb
Barium	137-1	379.15	420.52	410.05	403.24	5.33	ppb
Beryllium	9-1	0.76	0.77	0.83	0.79	4.70	ppb
Bismuth	209-1				120		%
Bismuth	209-2				102		%
Boron	10-1	10.32	9.87	10.61	10.26	3.64	ppb
Boron	11-1	9.92	9.62	11.22	10.25	8.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.80	0.38	0.54	41.91	ppb
Cadmium	106-1	1.33	5.40	-0.54	2.06	147.39	ppb
Cadmium	108-1	0.44	0.67	1.15	0.75	47.97	ppb
Calcium	43-1	30588.75	31496.86	32262.06	31449.22	2.66	ppb
Calcium	44-1	30609.28	31739.90	33151.18	31833.45	4.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.61	9.96	10.18	9.92	2.91	ppb
Cobalt	59-2	4.66	4.99	5.02	4.89	4.09	ppb
Copper	63-2	47.81	49.53	51.43	49.59	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				103		%
Indium	115-1				115		%
Indium	115-2				96		%
Iron	54-2	11183.47	11579.58	11597.51	11453.52	2.04	ppb
Iron	56-2	11214.00	11401.25	11972.57	11529.27	3.43	ppb
Iron	57-2	10936.84	11249.46	11413.68	11200.00	2.16	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-15	Instrumnet Name :	P8
Client Sample ID :	A0BD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:36:15	DataFile Name :	113AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	385.55	429.47	452.22	422.41	8.02	ppb
Lead	207-1	377.55	421.13	441.37	413.35	7.89	ppb
Lead	208-1	401.30	434.97	458.02	431.43	6.61	ppb
Lithium	6-1				116		%
Magnesium	24-2	5158.57	5341.91	5487.76	5329.41	3.10	ppb
Manganese	55-2	511.51	528.04	537.49	525.68	2.50	ppb
Molybdenum	94-1	4.91	5.07	5.20	5.06	2.89	ppb
Molybdenum	95-1	1.19	1.12	1.25	1.19	5.80	ppb
Molybdenum	96-1	1.68	1.69	1.74	1.70	1.79	ppb
Molybdenum	97-1	1.02	1.20	1.38	1.20	14.93	ppb
Molybdenum	98-1	1.13	1.08	1.14	1.12	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.82	8.84	8.74	8.46	6.63	ppb
Phosphorus	31-2	322.85	369.89	386.29	359.67	9.16	ppb
Potassium	39-2	1227.59	1275.87	1292.64	1265.37	2.67	ppb
Rhodium	103-1				111		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				94		%
Selenium	82-1	-1.54	0.64	-1.39	-0.76		ppb
Selenium	77-2	21.46	23.63	19.67	21.59	9.19	ppb
Selenium	78-2	3.45	5.44	3.18	4.02	30.65	ppb
Silicon	28-1	1470.31	1539.70	1599.29	1536.43	4.20	ppb
Silver	107-1	0.23	0.20	0.15	0.20	20.79	ppb
Silver	109-1	0.19	0.19	0.16	0.18	11.11	ppb
Sodium	23-2	572.59	585.66	603.15	587.13	2.61	ppb
Strontium	86-1	127.80	132.72	139.14	133.22	4.27	ppb
Strontium	88-1	132.26	137.70	141.48	137.15	3.38	ppb
Sulfur	34-1	-2764.25	-2355.78	-1699.58	-2273.20		ppb
Terbium	159-1				119		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.04	0.09	0.05	87.99	ppb
Thallium	205-1	0.05	0.07	0.04	0.05	30.60	ppb
Tin	118-1	3.39	3.53	3.45	3.46	2.16	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-15	Instrumnet Name :	P8
Client Sample ID :	A0BD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:36:15	DataFile Name :	113AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	330.57	338.96	341.22	336.92	1.66	ppb
Uranium	238-1	1.61	1.73	1.83	1.72	6.25	ppb
Vanadium	51-2	15.64	16.21	16.28	16.04	2.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				99		%
Zinc	66-2	960.09	1014.12	1001.75	991.98	2.85	ppb
Zirconium	90-1	2.20	2.21	2.31	2.24	2.58	ppb
Zirconium	91-1	2.16	2.14	2.24	2.18	2.62	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-16	Instrumnet Name :	P8
Client Sample ID :	A0BE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:39:16	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14225.89	14448.04	14208.40	14294.11	0.93	ppb
Antimony	121-1	0.24	0.29	0.25	0.26	10.13	ppb
Arsenic	75-2	2.58	2.52	2.62	2.58	2.04	ppb
Barium	135-1	99.89	109.11	108.62	105.87	4.90	ppb
Barium	137-1	102.55	109.98	111.92	108.15	4.57	ppb
Beryllium	9-1	1.59	1.58	1.56	1.58	0.81	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	7.70	8.42	7.79	7.97	4.88	ppb
Boron	11-1	7.74	8.10	6.95	7.60	7.79	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.46	0.34	0.34	32.69	ppb
Cadmium	106-1	0.96	3.88	1.73	2.19	69.05	ppb
Cadmium	108-1	0.21	0.88	0.30	0.46	78.64	ppb
Calcium	43-1	2400.38	2541.87	2536.30	2492.85	3.21	ppb
Calcium	44-1	2417.98	2494.69	2503.29	2471.99	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.10	9.60	9.24	9.31	2.76	ppb
Cobalt	59-2	8.60	8.56	8.44	8.53	0.94	ppb
Copper	63-2	16.62	17.04	17.25	16.97	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	54-2	30721.91	30993.30	30559.59	30758.27	0.71	ppb
Iron	56-2	29960.16	29946.12	29719.70	29875.33	0.45	ppb
Iron	57-2	29216.98	29691.67	29165.04	29357.90	0.99	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-16	Instrumnet Name :	P8
Client Sample ID :	A0BE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:39:16	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.15	12.96	12.92	12.68	3.62	ppb
Lead	207-1	11.51	12.49	11.40	11.80	5.08	ppb
Lead	208-1	11.88	12.67	12.33	12.30	3.22	ppb
Lithium	6-1				113		%
Magnesium	24-2	4741.06	4743.58	4655.67	4713.44	1.06	ppb
Manganese	55-2	874.63	876.21	878.69	876.51	0.23	ppb
Molybdenum	94-1	3.94	4.15	4.12	4.07	2.82	ppb
Molybdenum	95-1	0.48	0.47	0.47	0.47	1.52	ppb
Molybdenum	96-1	1.14	1.14	1.11	1.13	1.37	ppb
Molybdenum	97-1	0.51	0.47	0.45	0.48	6.11	ppb
Molybdenum	98-1	0.45	0.39	0.46	0.43	8.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.39	9.04	9.22	9.22	1.91	ppb
Phosphorus	31-2	699.91	735.55	761.97	732.48	4.25	ppb
Potassium	39-2	1931.16	1971.57	1963.95	1955.56	1.10	ppb
Rhodium	103-1				111		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				95		%
Selenium	82-1	0.07	-0.20	-0.56	-0.23		ppb
Selenium	77-2	41.43	38.51	35.50	38.48	7.71	ppb
Selenium	78-2	5.91	5.60	7.88	6.46	19.19	ppb
Silicon	28-1	1715.70	1820.72	1786.56	1774.33	3.02	ppb
Silver	107-1	0.07	0.13	0.11	0.10	29.00	ppb
Silver	109-1	0.10	0.10	0.08	0.09	11.66	ppb
Sodium	23-2	239.53	246.30	240.87	242.23	1.48	ppb
Strontium	86-1	13.01	13.45	13.53	13.33	2.11	ppb
Strontium	88-1	13.15	13.87	13.82	13.62	2.94	ppb
Sulfur	34-1	-2658.01	-2588.30	-2692.77	-2646.36		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.11	0.06	0.09	24.63	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	9.96	ppb
Tin	118-1	0.72	0.71	0.71	0.71	0.83	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-16	Instrumnet Name :	P8
Client Sample ID :	A0BE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:39:16	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	605.93	639.62	614.09	619.88	2.84	ppb
Uranium	238-1	1.64	1.82	1.74	1.73	5.29	ppb
Vanadium	51-2	25.95	26.24	25.97	26.05	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				103		%
Zinc	66-2	96.93	97.59	96.79	97.11	0.44	ppb
Zirconium	90-1	1.91	1.98	1.99	1.96	2.22	ppb
Zirconium	91-1	1.85	1.90	1.98	1.91	3.44	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	2
Date & Time Acquired ::	2021-12-14 17:42:18	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3132.54	3158.80	3126.84	3139.39	0.54	ppb
Antimony	121-1	8.54	9.18	8.97	8.90	3.69	ppb
Arsenic	75-2	4.43	4.33	4.42	4.39	1.29	ppb
Barium	135-1	110.72	115.82	113.77	113.44	2.26	ppb
Barium	137-1	109.08	119.11	117.22	115.13	4.63	ppb
Beryllium	9-1	0.40	0.38	0.37	0.38	4.45	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Boron	10-1	38.52	39.58	42.24	40.11	4.78	ppb
Boron	11-1	38.00	39.97	42.79	40.25	5.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.94	1.06	0.98	6.89	ppb
Cadmium	106-1	2.63	3.29	4.87	3.60	31.90	ppb
Cadmium	108-1	3.27	2.78	1.77	2.61	29.21	ppb
Calcium	43-1	24746.84	24507.44	25468.97	24907.75	2.01	ppb
Calcium	44-1	24002.18	24436.85	24876.15	24438.39	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.13	13.04	13.12	13.10	0.40	ppb
Cobalt	59-2	2.89	2.77	2.82	2.82	2.21	ppb
Copper	63-2	140.88	140.32	139.59	140.26	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				100		%
Iron	54-2	10974.27	10882.55	10779.12	10878.65	0.90	ppb
Iron	56-2	11423.61	11145.97	11071.60	11213.73	1.65	ppb
Iron	57-2	10925.09	10941.90	10574.83	10813.94	1.92	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	2
Date & Time Acquired ::	2021-12-14 17:42:18	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	72.31	70.91	73.64	72.29	1.89	ppb
Lead	207-1	72.67	68.12	71.20	70.66	3.28	ppb
Lead	208-1	70.36	69.97	72.13	70.82	1.63	ppb
Lithium	6-1				113		%
Magnesium	24-2	3568.43	3605.84	3550.59	3574.95	0.79	ppb
Manganese	55-2	228.79	226.02	223.70	226.17	1.13	ppb
Molybdenum	94-1	5.07	5.37	5.08	5.17	3.24	ppb
Molybdenum	95-1	1.73	1.79	1.68	1.73	3.19	ppb
Molybdenum	96-1	2.29	2.28	2.05	2.21	6.23	ppb
Molybdenum	97-1	1.70	1.80	1.80	1.77	3.26	ppb
Molybdenum	98-1	1.78	1.63	1.76	1.73	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.34	14.91	14.95	15.07	1.58	ppb
Phosphorus	31-2	1636.98	1589.19	1569.55	1598.57	2.17	ppb
Potassium	39-2	5341.39	5361.21	5413.03	5371.88	0.69	ppb
Rhodium	103-1				114		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				96		%
Selenium	82-1	-0.64	1.12	0.64	0.37	243.92	ppb
Selenium	77-2	13.15	7.97	10.38	10.50	24.67	ppb
Selenium	78-2	1.41	2.56	1.73	1.90	31.08	ppb
Silicon	28-1	365.21	352.55	363.15	360.30	1.89	ppb
Silver	107-1	1.18	1.32	1.33	1.27	6.72	ppb
Silver	109-1	1.17	1.34	1.30	1.27	6.79	ppb
Sodium	23-2	40536.01	41270.48	41171.07	40992.52	0.97	ppb
Strontium	86-1	130.98	128.20	134.92	131.37	2.57	ppb
Strontium	88-1	135.52	134.90	135.47	135.30	0.26	ppb
Sulfur	34-1	8684.48	8486.81	9184.20	8785.17	4.09	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.02	0.00	0.03	101.91	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	10.78	ppb
Tin	118-1	32.45	35.13	34.78	34.12	4.27	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	2
Date & Time Acquired ::	2021-12-14 17:42:18	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	101.22	104.24	103.92	103.13	1.61	ppb
Uranium	238-1	2.08	1.97	2.01	2.02	2.95	ppb
Vanadium	51-2	10.23	9.68	9.61	9.84	3.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				101		%
Zinc	66-2	5785.24	5709.26	5747.81	5747.44	0.66	ppb
Zirconium	90-1	2.13	2.12	2.12	2.12	0.26	ppb
Zirconium	91-1	2.21	1.85	2.02	2.03	8.87	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 17:45:19	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1568.45	1541.41	1578.26	1562.71	1.22	ppb
Antimony	121-1	6.87	7.05	6.98	6.97	1.34	ppb
Arsenic	75-2	30.26	28.56	30.16	29.66	3.23	ppb
Barium	135-1	346.16	332.70	346.90	341.92	2.34	ppb
Barium	137-1	342.29	345.16	355.18	347.55	1.95	ppb
Beryllium	9-1	0.47	0.46	0.51	0.48	5.28	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	9.53	9.05	9.04	9.21	3.04	ppb
Boron	11-1	9.71	8.70	9.07	9.16	5.58	ppb
Bromine	81-1						cps
Cadmium	111-1	1.72	1.32	1.50	1.51	13.36	ppb
Cadmium	106-1	4.30	-0.84	1.61	1.69	152.37	ppb
Cadmium	108-1	1.92	2.10	1.52	1.84	16.09	ppb
Calcium	43-1	2131.26	2064.71	2219.14	2138.37	3.62	ppb
Calcium	44-1	2114.56	2043.95	2189.88	2116.13	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.60	5.47	5.75	5.61	2.53	ppb
Cobalt	59-2	1.64	1.68	1.61	1.64	2.22	ppb
Copper	63-2	894.59	852.55	879.94	875.69	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	54-2	5433.31	5325.09	5485.15	5414.52	1.51	ppb
Iron	56-2	5474.04	5412.50	5408.43	5431.66	0.68	ppb
Iron	57-2	5413.97	5269.19	5368.72	5350.63	1.38	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 17:45:19	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3953.59	3827.50	4087.65	3956.24	3.29	ppb
Lead	207-1	3916.81	3885.87	4090.60	3964.43	2.78	ppb
Lead	208-1	3922.93	3789.00	4087.59	3933.17	3.80	ppb
Lithium	6-1				108		%
Magnesium	24-2	272.20	274.35	273.15	273.23	0.39	ppb
Manganese	55-2	42.14	40.85	42.35	41.78	1.94	ppb
Molybdenum	94-1	2.11	2.20	2.12	2.14	2.22	ppb
Molybdenum	95-1	1.80	1.68	1.96	1.81	7.71	ppb
Molybdenum	96-1	1.84	1.91	1.84	1.86	2.32	ppb
Molybdenum	97-1	1.76	1.71	1.68	1.72	2.38	ppb
Molybdenum	98-1	1.69	1.88	2.00	1.86	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.87	6.79	6.75	6.80	0.92	ppb
Phosphorus	31-2	600.77	614.58	619.20	611.52	1.57	ppb
Potassium	39-2	159.15	138.42	145.27	147.61	7.15	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				92		%
Selenium	82-1	-1.49	-0.14	-1.37	-1.00		ppb
Selenium	77-2	1.87	6.13	1.87	3.29	74.69	ppb
Selenium	78-2	2.35	1.40	1.75	1.84	26.03	ppb
Silicon	28-1	202.01	187.13	212.02	200.39	6.25	ppb
Silver	107-1	0.40	0.40	0.40	0.40	0.42	ppb
Silver	109-1	0.40	0.35	0.40	0.39	7.73	ppb
Sodium	23-2	91.72	94.15	94.30	93.39	1.55	ppb
Strontium	86-1	41.06	42.01	40.94	41.34	1.41	ppb
Strontium	88-1	41.20	41.14	43.06	41.80	2.62	ppb
Sulfur	34-1	-728.25	-1152.48	-232.54	-704.42		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.08	0.09	0.07	28.76	ppb
Thallium	205-1	0.08	0.06	0.08	0.07	12.91	ppb
Tin	118-1	14.83	14.75	15.22	14.93	1.70	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 17:45:19	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	68.70	66.39	71.84	68.98	3.97	ppb
Uranium	238-1	0.35	0.33	0.41	0.36	11.12	ppb
Vanadium	51-2	18.34	17.88	18.33	18.19	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	1485.61	1449.37	1483.92	1472.97	1.39	ppb
Zirconium	90-1	0.35	0.34	0.37	0.35	4.33	ppb
Zirconium	91-1	0.37	0.32	0.35	0.34	7.39	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:48:17	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	844.84	871.16	864.36	860.12	1.59	ppb
Antimony	121-1	5.28	5.22	5.60	5.37	3.78	ppb
Arsenic	75-2	18.00	18.45	19.12	18.52	3.04	ppb
Barium	135-1	198.53	197.85	216.46	204.28	5.17	ppb
Barium	137-1	200.34	201.85	209.93	204.04	2.53	ppb
Beryllium	9-1	0.30	0.23	0.35	0.29	20.14	ppb
Bismuth	209-1				116		%
Bismuth	209-2				100		%
Boron	10-1	5.88	5.30	6.60	5.93	11.05	ppb
Boron	11-1	5.43	5.31	6.27	5.67	9.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.85	0.98	0.93	7.10	ppb
Cadmium	106-1	2.01	0.68	3.04	1.91	62.08	ppb
Cadmium	108-1	1.26	0.91	1.11	1.09	15.87	ppb
Calcium	43-1	1137.95	1155.27	1179.85	1157.69	1.82	ppb
Calcium	44-1	1109.37	1128.60	1156.94	1131.64	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.77	2.79	2.84	2.80	1.30	ppb
Cobalt	59-2	1.04	0.99	1.00	1.01	2.47	ppb
Copper	63-2	220.77	222.14	221.31	221.41	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	5935.39	6027.98	5935.49	5966.29	0.90	ppb
Iron	56-2	5726.14	6083.59	5969.76	5926.50	3.08	ppb
Iron	57-2	5757.97	5966.38	5847.76	5857.37	1.78	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:48:17	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2569.53	2609.78	2757.79	2645.70	3.75	ppb
Lead	207-1	2549.75	2591.48	2703.27	2614.83	3.04	ppb
Lead	208-1	2555.41	2626.69	2720.97	2634.36	3.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	128.24	132.18	137.56	132.66	3.53	ppb
Manganese	55-2	23.51	24.54	24.23	24.09	2.19	ppb
Molybdenum	94-1	1.95	1.71	1.71	1.79	7.83	ppb
Molybdenum	95-1	1.12	1.18	1.29	1.20	7.21	ppb
Molybdenum	96-1	1.22	1.34	1.38	1.31	6.55	ppb
Molybdenum	97-1	1.24	1.17	1.31	1.24	5.64	ppb
Molybdenum	98-1	1.17	1.20	1.39	1.25	9.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.07	5.30	4.92	5.10	3.80	ppb
Phosphorus	31-2	387.67	376.85	369.63	378.05	2.40	ppb
Potassium	39-2	93.54	91.50	102.35	95.80	6.02	ppb
Rhodium	103-1				108		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				90		%
Selenium	82-1	-0.12	-0.40	0.49	-0.01		ppb
Selenium	77-2	1.98	-0.31	3.12	1.60	109.62	ppb
Selenium	78-2	1.70	0.12	0.28	0.70	124.45	ppb
Silicon	28-1	89.69	94.03	101.68	95.13	6.38	ppb
Silver	107-1	0.16	0.16	0.16	0.16	0.37	ppb
Silver	109-1	0.19	0.16	0.18	0.17	8.55	ppb
Sodium	23-2	62.56	64.71	62.28	63.18	2.10	ppb
Strontium	86-1	23.40	23.51	25.40	24.10	4.67	ppb
Strontium	88-1	23.28	23.88	25.09	24.08	3.83	ppb
Sulfur	34-1	-1585.70	-1138.99	-979.51	-1234.74		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.01	-0.02	0.00	0.00		ppb
Thallium	205-1	0.02	0.01	0.04	0.02	63.18	ppb
Tin	118-1	13.62	13.56	14.82	14.00	5.07	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:48:17	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	43.76	44.49	46.24	44.83	2.85	ppb
Uranium	238-1	0.17	0.20	0.21	0.20	10.24	ppb
Vanadium	51-2	13.77	14.38	14.45	14.20	2.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	907.12	947.40	913.41	922.64	2.35	ppb
Zirconium	90-1	0.35	0.42	0.40	0.39	9.36	ppb
Zirconium	91-1	0.42	0.32	0.46	0.40	18.12	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:51:19	DataFile Name :	118AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	666.56	677.40	668.89	670.95	0.85	ppb
Antimony	121-1	333.22	326.81	326.09	328.71	1.19	ppb
Arsenic	75-2	4.92	4.76	5.14	4.94	3.86	ppb
Barium	135-1	220.19	224.93	233.35	226.16	2.95	ppb
Barium	137-1	227.28	228.58	227.55	227.81	0.30	ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	7.86	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	3.21	3.58	3.70	3.49	7.32	ppb
Boron	11-1	2.99	4.04	4.00	3.68	16.27	ppb
Bromine	81-1						cps
Cadmium	111-1	15.48	14.74	14.72	14.98	2.91	ppb
Cadmium	106-1	15.51	13.63	12.83	13.99	9.84	ppb
Cadmium	108-1	14.37	13.95	13.03	13.78	4.95	ppb
Calcium	43-1	6820.13	6879.38	6851.33	6850.28	0.43	ppb
Calcium	44-1	6842.38	6681.70	7033.99	6852.69	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.16	2.03	2.09	3.27	ppb
Cobalt	59-2	1.05	1.03	1.02	1.03	1.26	ppb
Copper	63-2	256.59	252.61	251.50	253.57	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	54-2	10637.51	10781.66	10540.50	10653.22	1.14	ppb
Iron	56-2	10895.95	10804.52	10748.14	10816.20	0.69	ppb
Iron	57-2	10651.57	10650.89	10411.28	10571.25	1.31	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:51:19	DataFile Name :	118AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2350.90	2318.16	2420.27	2363.11	2.21	ppb
Lead	207-1	2129.78	2155.75	2206.74	2164.09	1.81	ppb
Lead	208-1	2177.91	2202.53	2239.98	2206.81	1.42	ppb
Lithium	6-1				107		%
Magnesium	24-2	808.64	821.82	790.70	807.05	1.94	ppb
Manganese	55-2	65.19	65.54	65.25	65.33	0.28	ppb
Molybdenum	94-1	0.38	0.31	0.36	0.35	9.73	ppb
Molybdenum	95-1	0.20	0.23	0.25	0.23	10.73	ppb
Molybdenum	96-1	0.32	0.32	0.41	0.35	14.40	ppb
Molybdenum	97-1	0.22	0.19	0.24	0.22	12.65	ppb
Molybdenum	98-1	0.22	0.20	0.21	0.21	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.89	3.02	2.81	2.91	3.60	ppb
Phosphorus	31-2	26.03	50.96	30.21	35.73	37.36	ppb
Potassium	39-2	103.69	97.87	108.40	103.32	5.11	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				92		%
Selenium	82-1	-1.56	-1.69	-0.70	-1.32		ppb
Selenium	77-2	-0.35	-1.44	-0.35	-0.72		ppb
Selenium	78-2	1.77	-0.03	-0.27	0.49	228.55	ppb
Silicon	28-1	163.78	165.77	164.84	164.80	0.60	ppb
Silver	107-1	0.18	0.18	0.18	0.18	2.70	ppb
Silver	109-1	0.17	0.15	0.17	0.16	6.76	ppb
Sodium	23-2	70.29	72.20	67.16	69.88	3.64	ppb
Strontium	86-1	46.59	46.97	50.25	47.94	4.20	ppb
Strontium	88-1	46.59	46.09	49.65	47.44	4.06	ppb
Sulfur	34-1	-1419.87	-1264.46	-1087.55	-1257.29		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.01	-0.06	-0.04		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	13.75	13.18	13.13	13.35	2.62	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:51:19	DataFile Name :	118AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	30.82	30.53	30.80	30.72	0.53	ppb
Uranium	238-1	0.14	0.14	0.11	0.13	11.52	ppb
Vanadium	51-2	2.20	2.15	2.16	2.17	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	5021.15	5017.30	5082.86	5040.44	0.73	ppb
Zirconium	90-1	0.08	0.11	0.10	0.10	19.68	ppb
Zirconium	91-1	0.10	0.07	0.09	0.09	15.12	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:54:16	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	701.23	682.90	699.46	694.53	1.46	ppb
Antimony	121-1	344.98	341.46	353.32	346.59	1.76	ppb
Arsenic	75-2	5.22	5.43	5.56	5.40	3.19	ppb
Barium	135-1	262.20	251.37	272.71	262.09	4.07	ppb
Barium	137-1	270.67	259.09	272.04	267.27	2.66	ppb
Beryllium	9-1	0.06	0.03	0.04	0.05	32.72	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	3.31	3.02	2.33	2.89	17.27	ppb
Boron	11-1	3.09	2.41	2.49	2.66	14.01	ppb
Bromine	81-1						cps
Cadmium	111-1	18.50	17.43	18.35	18.09	3.18	ppb
Cadmium	106-1	16.95	17.72	17.67	17.45	2.48	ppb
Cadmium	108-1	16.29	17.29	19.45	17.67	9.12	ppb
Calcium	43-1	7020.72	6865.14	7061.05	6982.30	1.48	ppb
Calcium	44-1	6844.93	6877.64	7226.30	6982.96	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.15	2.05	2.09	2.38	ppb
Cobalt	59-2	1.31	1.24	1.32	1.29	3.26	ppb
Copper	63-2	361.16	355.70	360.22	359.03	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	9629.22	9546.70	9681.81	9619.25	0.71	ppb
Iron	56-2	9731.10	9324.80	9656.98	9570.96	2.26	ppb
Iron	57-2	9540.17	9306.67	9542.29	9463.04	1.43	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:54:16	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3652.26	3439.83	3551.09	3547.73	2.99	ppb
Lead	207-1	3292.29	3087.34	3192.60	3190.74	3.21	ppb
Lead	208-1	3430.71	3236.55	3326.71	3331.32	2.92	ppb
Lithium	6-1				106		%
Magnesium	24-2	800.06	804.01	800.44	801.50	0.27	ppb
Manganese	55-2	67.28	64.90	66.35	66.18	1.81	ppb
Molybdenum	94-1	0.47	0.39	0.30	0.39	21.51	ppb
Molybdenum	95-1	0.22	0.26	0.25	0.25	7.63	ppb
Molybdenum	96-1	0.35	0.40	0.37	0.37	6.72	ppb
Molybdenum	97-1	0.27	0.26	0.22	0.25	9.61	ppb
Molybdenum	98-1	0.23	0.25	0.24	0.24	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.36	3.44	3.03	3.28	6.62	ppb
Phosphorus	31-2	39.96	4.60	33.12	25.89	72.45	ppb
Potassium	39-2	99.39	94.54	105.50	99.81	5.50	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	82-1	-2.10	-1.35	-1.76	-1.73		ppb
Selenium	77-2	-0.37	2.86	-0.35	0.71	260.47	ppb
Selenium	78-2	-0.66	-0.64	-0.84	-0.71		ppb
Silicon	28-1	152.04	139.07	157.84	149.65	6.42	ppb
Silver	107-1	0.23	0.23	0.20	0.22	9.40	ppb
Silver	109-1	0.21	0.19	0.22	0.20	6.02	ppb
Sodium	23-2	58.19	58.23	57.63	58.01	0.58	ppb
Strontium	86-1	47.00	44.72	46.04	45.92	2.50	ppb
Strontium	88-1	47.31	46.49	45.83	46.54	1.60	ppb
Sulfur	34-1	-880.50	-1430.11	-469.60	-926.74		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.04	-0.05	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.04	-0.03		ppb
Tin	118-1	40.72	39.40	41.05	40.39	2.16	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:54:16	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	33.84	31.28	32.61	32.58	3.94	ppb
Uranium	238-1	0.11	0.13	0.11	0.12	13.45	ppb
Vanadium	51-2	2.54	2.46	2.46	2.48	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	6366.51	6003.77	6134.98	6168.42	2.98	ppb
Zirconium	90-1	0.12	0.10	0.09	0.11	14.08	ppb
Zirconium	91-1	0.09	0.07	0.07	0.08	14.56	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDLX50	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	50
Date & Time Acquired ::	2021-12-14 17:57:14	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	130.56	125.38	133.82	129.92	3.28	ppb
Antimony	121-1	64.50	65.56	61.45	63.84	3.34	ppb
Arsenic	75-2	0.89	0.96	1.09	0.98	10.34	ppb
Barium	135-1	44.28	44.28	42.47	43.67	2.39	ppb
Barium	137-1	45.27	43.80	43.30	44.13	2.32	ppb
Beryllium	9-1	0.03	-0.01	0.02	0.01	141.10	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	0.88	1.21	0.70	0.93	27.93	ppb
Boron	11-1	1.05	1.23	1.27	1.18	10.09	ppb
Bromine	81-1						cps
Cadmium	111-1	2.83	3.08	3.04	2.98	4.55	ppb
Cadmium	106-1	2.53	2.83	3.89	3.08	23.20	ppb
Cadmium	108-1	2.30	2.76	2.45	2.50	9.46	ppb
Calcium	43-1	1311.16	1342.94	1296.90	1317.00	1.79	ppb
Calcium	44-1	1309.96	1293.33	1283.31	1295.54	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.40	0.42	0.40	6.46	ppb
Cobalt	59-2	0.20	0.18	0.23	0.20	11.32	ppb
Copper	63-2	48.94	47.24	50.20	48.79	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	2085.47	2022.20	2115.87	2074.51	2.30	ppb
Iron	56-2	2087.31	2026.66	2168.84	2094.27	3.41	ppb
Iron	57-2	1998.67	1979.78	2084.39	2020.95	2.76	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDLX50	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	50
Date & Time Acquired ::	2021-12-14 17:57:14	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	419.67	422.54	424.15	422.12	0.54	ppb
Lead	207-1	383.24	383.44	390.61	385.76	1.09	ppb
Lead	208-1	415.71	412.72	416.08	414.84	0.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	153.14	150.04	159.56	154.25	3.15	ppb
Manganese	55-2	12.88	12.27	12.64	12.60	2.43	ppb
Molybdenum	94-1	0.04	0.01	0.04	0.03	52.76	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	28.64	ppb
Molybdenum	96-1	0.07	0.04	0.07	0.06	24.46	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	22.61	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	23.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.54	0.54	0.57	9.48	ppb
Phosphorus	31-2	-28.65	-11.03	-32.08	-23.92		ppb
Potassium	39-2	24.21	27.03	35.55	28.93	20.41	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				90		%
Selenium	82-1	-0.96	0.97	-0.75	-0.25		ppb
Selenium	77-2	-1.44	0.73	-0.29	-0.33		ppb
Selenium	78-2	0.36	0.28	0.68	0.44	48.08	ppb
Silicon	28-1	8.91	10.86	7.59	9.12	18.03	ppb
Silver	107-1	0.05	0.04	0.04	0.04	16.01	ppb
Silver	109-1	0.03	0.05	0.05	0.04	23.62	ppb
Sodium	23-2	27.01	22.57	25.76	25.11	9.11	ppb
Strontium	86-1	9.42	8.60	8.88	8.97	4.65	ppb
Strontium	88-1	9.66	8.99	8.88	9.17	4.60	ppb
Sulfur	34-1	-620.47	-827.83	-1143.03	-863.78		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	-0.06	-0.06	-0.06	-0.06		ppb
Thallium	205-1	-0.05	-0.06	-0.04	-0.05		ppb
Tin	118-1	2.74	2.81	2.55	2.70	4.94	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDLX50	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	50
Date & Time Acquired ::	2021-12-14 17:57:14	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.44	5.53	5.65	5.54	1.83	ppb
Uranium	238-1	0.03	0.03	0.02	0.02	25.60	ppb
Vanadium	51-2	0.38	0.41	0.42	0.40	6.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				95		%
Zinc	66-2	946.53	951.17	1005.73	967.81	3.40	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	40.59	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 18:00:15	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	797.24	793.79	794.62	795.22	0.23	ppb
Antimony	121-1	333.41	331.03	334.17	332.87	0.49	ppb
Arsenic	75-2	6.77	6.88	7.00	6.88	1.64	ppb
Barium	135-1	206.19	196.18	197.18	199.85	2.76	ppb
Barium	137-1	206.05	200.09	205.01	203.72	1.56	ppb
Beryllium	9-1	1.07	1.10	1.09	1.09	1.27	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	0.70	0.02	1.21	0.64	93.21	ppb
Boron	11-1	0.37	0.91	0.79	0.69	40.87	ppb
Bromine	81-1						cps
Cadmium	111-1	17.21	16.44	17.13	16.93	2.49	ppb
Cadmium	106-1	19.10	15.37	15.34	16.60	13.02	ppb
Cadmium	108-1	17.04	16.54	17.09	16.89	1.82	ppb
Calcium	43-1	8770.28	8664.06	9270.07	8901.47	3.64	ppb
Calcium	44-1	8672.83	8651.05	8805.84	8709.91	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.41	6.50	6.38	6.43	0.95	ppb
Cobalt	59-2	11.52	11.90	11.60	11.67	1.74	ppb
Copper	63-2	289.31	288.36	293.75	290.47	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	54-2	10479.98	10381.22	10361.51	10407.57	0.61	ppb
Iron	56-2	10658.38	10232.90	10548.52	10479.93	2.11	ppb
Iron	57-2	10208.83	10240.79	10256.94	10235.52	0.24	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 18:00:15	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1854.96	1844.61	1809.61	1836.39	1.29	ppb
Lead	207-1	1698.54	1698.86	1708.18	1701.86	0.32	ppb
Lead	208-1	1738.67	1715.05	1765.04	1739.59	1.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	970.46	942.70	965.54	959.56	1.54	ppb
Manganese	55-2	77.16	76.40	79.06	77.54	1.77	ppb
Molybdenum	94-1	0.49	0.32	0.34	0.38	23.97	ppb
Molybdenum	95-1	0.21	0.23	0.21	0.21	6.17	ppb
Molybdenum	96-1	0.34	0.27	0.35	0.32	13.22	ppb
Molybdenum	97-1	0.24	0.22	0.22	0.23	5.93	ppb
Molybdenum	98-1	0.18	0.24	0.21	0.21	16.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.28	13.78	13.76	13.94	2.12	ppb
Phosphorus	31-2	40.43	40.01	38.65	39.69	2.35	ppb
Potassium	39-2	123.10	112.26	114.94	116.77	4.83	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	82-1	0.32	-0.18	1.77	0.63	160.05	ppb
Selenium	77-2	2.92	0.76	3.02	2.23	57.15	ppb
Selenium	78-2	2.34	1.64	2.63	2.20	23.20	ppb
Silicon	28-1	222.32	216.43	235.41	224.72	4.32	ppb
Silver	107-1	1.35	1.22	1.42	1.33	7.70	ppb
Silver	109-1	1.31	1.30	1.35	1.32	2.20	ppb
Sodium	23-2	82.10	81.59	83.92	82.54	1.49	ppb
Strontium	86-1	55.07	52.82	56.11	54.67	3.08	ppb
Strontium	88-1	55.72	54.53	55.82	55.35	1.30	ppb
Sulfur	34-1	-1008.03	-1091.71	-302.17	-800.64		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.72	0.76	0.81	0.76	6.23	ppb
Thallium	205-1	0.81	0.78	0.74	0.78	4.91	ppb
Tin	118-1	14.15	14.11	14.76	14.34	2.53	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 18:00:15	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	34.48	33.80	36.19	34.82	3.54	ppb
Uranium	238-1	0.18	0.15	0.15	0.16	11.49	ppb
Vanadium	51-2	12.82	12.72	12.71	12.75	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	6953.31	6925.37	7025.18	6967.95	0.74	ppb
Zirconium	90-1	0.10	0.11	0.12	0.11	7.68	ppb
Zirconium	91-1	0.13	0.12	0.15	0.14	12.30	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:03:13	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	342.71	338.96	334.27	338.65	1.25	ppb
Antimony	121-1	168.61	166.75	165.01	166.79	1.08	ppb
Arsenic	75-2	2.99	2.48	2.57	2.68	10.10	ppb
Barium	135-1	113.87	111.49	111.49	112.28	1.22	ppb
Barium	137-1	117.39	113.63	112.85	114.62	2.12	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	39.21	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	0.47	0.58	0.16	0.40	53.87	ppb
Boron	11-1	0.65	0.45	0.22	0.44	49.66	ppb
Bromine	81-1						cps
Cadmium	111-1	7.87	7.50	8.01	7.79	3.40	ppb
Cadmium	106-1	7.91	6.85	10.78	8.51	23.89	ppb
Cadmium	108-1	5.86	7.83	7.49	7.06	14.86	ppb
Calcium	43-1	3547.42	3540.54	3473.87	3520.61	1.15	ppb
Calcium	44-1	3487.42	3503.96	3430.16	3473.85	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.08	1.02	0.99	1.03	4.73	ppb
Cobalt	59-2	0.53	0.51	0.49	0.51	4.47	ppb
Copper	63-2	132.96	126.40	125.13	128.16	3.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	54-2	5581.48	5402.08	5311.83	5431.80	2.53	ppb
Iron	56-2	5547.23	5451.26	5277.04	5425.18	2.52	ppb
Iron	57-2	5534.77	5248.35	5162.58	5315.23	3.67	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:03:13	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1231.81	1197.24	1232.10	1220.38	1.64	ppb
Lead	207-1	1130.75	1090.09	1148.44	1123.09	2.66	ppb
Lead	208-1	1153.20	1121.04	1164.61	1146.29	1.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	412.29	403.15	404.32	406.59	1.22	ppb
Manganese	55-2	33.36	32.89	31.70	32.65	2.63	ppb
Molybdenum	94-1	0.16	0.19	0.12	0.16	22.84	ppb
Molybdenum	95-1	0.13	0.11	0.10	0.11	12.86	ppb
Molybdenum	96-1	0.18	0.13	0.12	0.14	24.70	ppb
Molybdenum	97-1	0.12	0.16	0.12	0.13	19.54	ppb
Molybdenum	98-1	0.09	0.12	0.10	0.10	11.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.62	1.30	1.43	12.00	ppb
Phosphorus	31-2	-4.45	29.17	-23.12	0.54	4953.10	ppb
Potassium	39-2	50.40	55.56	51.79	52.59	5.08	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	82-1	-0.93	-1.12	-0.36	-0.80		ppb
Selenium	77-2	-1.44	-1.44	5.08	0.73	515.91	ppb
Selenium	78-2	0.05	0.51	0.66	0.41	78.90	ppb
Silicon	28-1	77.80	72.98	66.07	72.28	8.16	ppb
Silver	107-1	0.13	0.10	0.10	0.11	13.86	ppb
Silver	109-1	0.11	0.10	0.09	0.10	12.16	ppb
Sodium	23-2	35.31	36.99	34.86	35.72	3.14	ppb
Strontium	86-1	24.22	24.01	23.48	23.90	1.57	ppb
Strontium	88-1	25.04	24.59	24.16	24.60	1.77	ppb
Sulfur	34-1	-550.29	-732.20	-1315.32	-865.94		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.06	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	6.45	6.76	6.92	6.71	3.57	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:03:13	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	16.11	14.90	15.55	15.52	3.91	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	11.87	ppb
Vanadium	51-2	1.25	1.10	1.16	1.17	6.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	2603.98	2476.70	2482.34	2521.01	2.85	ppb
Zirconium	90-1	0.06	0.06	0.04	0.05	22.77	ppb
Zirconium	91-1	0.09	0.06	0.03	0.06	49.65	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:06:13	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	342.74	342.07	339.03	341.28	0.58	ppb
Antimony	121-1	179.64	170.73	168.73	173.03	3.36	ppb
Arsenic	75-2	2.48	2.59	2.88	2.65	7.90	ppb
Barium	135-1	138.17	130.31	126.58	131.68	4.49	ppb
Barium	137-1	140.73	127.54	132.36	133.54	5.00	ppb
Beryllium	9-1	0.04	0.02	0.06	0.04	49.77	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	0.06	-0.05	0.02	0.01	544.95	ppb
Boron	11-1	-0.22	-0.38	-0.30	-0.30		ppb
Bromine	81-1						cps
Cadmium	111-1	9.45	9.04	8.34	8.94	6.28	ppb
Cadmium	106-1	7.37	6.37	4.76	6.16	21.36	ppb
Cadmium	108-1	9.46	7.62	8.72	8.60	10.74	ppb
Calcium	43-1	3580.51	3361.52	3395.01	3445.68	3.42	ppb
Calcium	44-1	3535.58	3379.14	3380.14	3431.62	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.97	1.05	0.96	1.00	5.10	ppb
Cobalt	59-2	0.68	0.67	0.65	0.67	2.04	ppb
Copper	63-2	177.80	178.52	174.37	176.90	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	54-2	4753.29	4749.02	4736.72	4746.34	0.18	ppb
Iron	56-2	4760.07	4746.59	4679.71	4728.79	0.91	ppb
Iron	57-2	4724.41	4674.09	4644.08	4680.86	0.87	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:06:13	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1832.98	1777.71	1652.02	1754.24	5.29	ppb
Lead	207-1	1604.73	1539.66	1545.25	1563.21	2.31	ppb
Lead	208-1	1670.14	1602.69	1586.71	1619.85	2.73	ppb
Lithium	6-1				107		%
Magnesium	24-2	395.68	398.31	380.61	391.54	2.44	ppb
Manganese	55-2	33.39	33.08	33.14	33.20	0.49	ppb
Molybdenum	94-1	0.19	0.15	0.21	0.18	18.52	ppb
Molybdenum	95-1	0.09	0.12	0.12	0.11	14.67	ppb
Molybdenum	96-1	0.17	0.13	0.12	0.14	20.65	ppb
Molybdenum	97-1	0.18	0.13	0.09	0.13	32.33	ppb
Molybdenum	98-1	0.10	0.11	0.09	0.10	10.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.50	1.59	1.47	1.52	4.11	ppb
Phosphorus	31-2	58.18	31.66	-7.92	27.31	121.80	ppb
Potassium	39-2	53.32	50.16	53.39	52.29	3.54	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	82-1	-0.04	-1.06	0.45	-0.22		ppb
Selenium	77-2	-1.44	1.87	-0.36	0.02	7260.62	ppb
Selenium	78-2	-1.36	0.38	0.09	-0.30		ppb
Silicon	28-1	66.82	51.16	54.26	57.42	14.44	ppb
Silver	107-1	0.12	0.11	0.13	0.12	5.88	ppb
Silver	109-1	0.10	0.12	0.10	0.11	13.26	ppb
Sodium	23-2	32.32	32.20	29.05	31.19	5.94	ppb
Strontium	86-1	23.65	22.29	22.49	22.81	3.21	ppb
Strontium	88-1	23.60	22.78	22.27	22.88	2.93	ppb
Sulfur	34-1	-385.95	-1200.11	-1143.15	-909.74		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	21.05	20.18	20.02	20.42	2.71	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:06:13	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15.90	14.81	15.14	15.28	3.64	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	8.66	ppb
Vanadium	51-2	1.28	1.35	1.23	1.29	4.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	3002.13	2965.18	2959.72	2975.68	0.78	ppb
Zirconium	90-1	0.06	0.06	0.03	0.05	33.07	ppb
Zirconium	91-1	0.07	0.02	0.03	0.04	66.62	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDL2X100	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	100
Date & Time Acquired ::	2021-12-14 18:09:14	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.28	65.44	64.92	64.88	0.90	ppb
Antimony	121-1	31.34	30.10	31.58	31.01	2.56	ppb
Arsenic	75-2	0.56	0.58	0.45	0.53	13.03	ppb
Barium	135-1	21.03	21.18	21.58	21.26	1.34	ppb
Barium	137-1	22.75	20.53	21.67	21.65	5.12	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	218.17	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	-0.65	-0.93	-0.30	-0.63		ppb
Boron	11-1	-0.51	-1.17	-0.72	-0.80		ppb
Bromine	81-1						cps
Cadmium	111-1	1.40	1.43	1.45	1.43	1.88	ppb
Cadmium	106-1	0.52	1.79	0.14	0.81	106.13	ppb
Cadmium	108-1	0.92	1.06	0.79	0.92	14.67	ppb
Calcium	43-1	673.02	630.08	688.15	663.75	4.54	ppb
Calcium	44-1	646.41	606.45	656.32	636.39	4.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.18	0.17	0.19	12.60	ppb
Cobalt	59-2	0.10	0.09	0.11	0.10	6.62	ppb
Copper	63-2	24.70	24.86	24.54	24.70	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	1049.35	1030.06	1011.39	1030.27	1.84	ppb
Iron	56-2	1039.98	1019.75	1014.79	1024.84	1.30	ppb
Iron	57-2	1022.89	1018.37	1018.65	1019.97	0.25	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDL2X100	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	100
Date & Time Acquired ::	2021-12-14 18:09:14	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	213.72	203.10	208.19	208.34	2.55	ppb
Lead	207-1	191.87	196.48	192.19	193.51	1.33	ppb
Lead	208-1	195.05	196.39	198.60	196.68	0.91	ppb
Lithium	6-1				106		%
Magnesium	24-2	80.13	78.93	77.80	78.95	1.48	ppb
Manganese	55-2	6.31	6.11	6.20	6.21	1.63	ppb
Molybdenum	94-1	0.03	0.04	0.04	0.04	17.64	ppb
Molybdenum	95-1	0.02	-0.01	0.01	0.01	179.39	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	27.21	ppb
Molybdenum	97-1	0.00	0.06	0.06	0.04	93.30	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	36.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.25	0.26	0.25	5.94	ppb
Phosphorus	31-2	-66.09	-47.28	13.43	-33.31		ppb
Potassium	39-2	14.23	13.93	14.10	14.08	1.06	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				91		%
Selenium	82-1	-0.39	-1.65	-0.75	-0.93		ppb
Selenium	77-2	-1.44	-0.34	-1.44	-1.08		ppb
Selenium	78-2	-0.31	-1.20	0.45	-0.36		ppb
Silicon	28-1	-3.75	-12.30	-1.52	-5.86		ppb
Silver	107-1	0.03	0.02	0.03	0.03	22.04	ppb
Silver	109-1	0.02	0.02	0.01	0.02	39.20	ppb
Sodium	23-2	13.11	15.06	16.23	14.80	10.66	ppb
Strontium	86-1	4.64	4.23	4.51	4.46	4.74	ppb
Strontium	88-1	4.68	4.57	4.75	4.66	2.03	ppb
Sulfur	34-1	-780.95	-1667.09	-713.45	-1053.83		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	-0.06	-0.06	-0.02	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.03	-0.04		ppb
Tin	118-1	1.23	1.28	1.33	1.28	4.04	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDL2X100	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	100
Date & Time Acquired ::	2021-12-14 18:09:14	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.89	2.61	2.83	2.78	5.33	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	75.79	ppb
Vanadium	51-2	0.19	0.27	0.21	0.22	18.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	485.70	487.03	484.03	485.59	0.31	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.15	ppb
Zirconium	91-1	0.00	0.00	-0.01	-0.01		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:12:16	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	411.42	402.58	386.11	400.04	3.21	ppb
Antimony	121-1	171.75	169.53	166.99	169.42	1.41	ppb
Arsenic	75-2	3.52	3.28	3.28	3.36	4.02	ppb
Barium	135-1	99.87	103.71	99.56	101.05	2.29	ppb
Barium	137-1	103.37	103.46	98.89	101.91	2.56	ppb
Beryllium	9-1	0.48	0.53	0.55	0.52	6.85	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	-1.24	-1.17	-1.37	-1.26		ppb
Boron	11-1	-1.31	-1.03	-1.34	-1.22		ppb
Bromine	81-1						cps
Cadmium	111-1	8.75	8.72	7.89	8.45	5.78	ppb
Cadmium	106-1	11.11	10.87	3.94	8.64	47.10	ppb
Cadmium	108-1	6.85	7.86	7.67	7.46	7.21	ppb
Calcium	43-1	4458.60	4435.31	4298.98	4397.63	1.96	ppb
Calcium	44-1	4525.60	4480.08	4404.25	4469.98	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.41	3.33	3.14	3.30	4.17	ppb
Cobalt	59-2	6.22	5.94	5.92	6.03	2.83	ppb
Copper	63-2	148.10	146.74	144.34	146.39	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	5337.93	5285.42	5235.03	5286.13	0.97	ppb
Iron	56-2	5371.60	5333.53	5126.44	5277.19	2.50	ppb
Iron	57-2	5210.89	5122.01	5013.15	5115.35	1.94	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:12:16	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	970.02	928.29	918.15	938.82	2.93	ppb
Lead	207-1	848.93	847.10	824.28	840.10	1.63	ppb
Lead	208-1	881.85	870.77	849.79	867.47	1.88	ppb
Lithium	6-1				106		%
Magnesium	24-2	492.76	490.83	480.66	488.09	1.33	ppb
Manganese	55-2	39.87	39.31	38.03	39.07	2.42	ppb
Molybdenum	94-1	0.24	0.12	0.16	0.17	36.22	ppb
Molybdenum	95-1	0.13	0.12	0.10	0.12	11.48	ppb
Molybdenum	96-1	0.16	0.17	0.15	0.16	5.97	ppb
Molybdenum	97-1	0.09	0.12	0.10	0.10	14.65	ppb
Molybdenum	98-1	0.05	0.12	0.12	0.10	41.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.06	7.17	7.01	7.08	1.14	ppb
Phosphorus	31-2	19.19	34.76	-0.97	17.66	101.45	ppb
Potassium	39-2	55.05	61.71	71.42	62.73	13.12	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				92		%
Selenium	82-1	0.60	-0.55	0.04	0.03	2152.95	ppb
Selenium	77-2	-0.34	-0.33	1.83	0.39	322.95	ppb
Selenium	78-2	0.78	2.31	-0.37	0.91	148.55	ppb
Silicon	28-1	100.81	90.30	88.47	93.19	7.15	ppb
Silver	107-1	0.63	0.69	0.67	0.66	4.78	ppb
Silver	109-1	0.64	0.69	0.67	0.66	3.95	ppb
Sodium	23-2	43.97	44.42	45.21	44.53	1.41	ppb
Strontium	86-1	26.36	27.86	25.88	26.70	3.88	ppb
Strontium	88-1	27.48	27.36	26.86	27.23	1.21	ppb
Sulfur	34-1	-522.31	-1043.52	-1147.56	-904.46		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.35	0.34	0.38	0.36	4.94	ppb
Thallium	205-1	0.38	0.39	0.36	0.38	4.75	ppb
Tin	118-1	7.45	7.26	7.30	7.34	1.35	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:12:16	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	17.92	16.43	17.58	17.31	4.50	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	5.55	ppb
Vanadium	51-2	6.36	6.45	6.35	6.39	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	3555.35	3507.80	3418.87	3494.01	1.98	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	12.45	ppb
Zirconium	91-1	0.04	0.05	0.02	0.03	38.41	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:28:33	DataFile Name :	126CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53495.53	54600.14	52980.82	53692.16	1.54	ppb
Antimony	121-1	486.37	477.07	487.63	483.69	1.19	ppb
Arsenic	75-2	517.67	509.72	516.51	514.63	0.83	ppb
Barium	135-1	2446.37	2423.50	2527.74	2465.87	2.22	ppb
Barium	137-1	2382.09	2467.51	2493.58	2447.73	2.38	ppb
Beryllium	9-1	494.81	503.66	524.66	507.71	3.02	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Boron	10-1	441.01	481.65	521.19	481.29	8.33	ppb
Boron	11-1	424.80	472.44	505.59	467.61	8.68	ppb
Bromine	81-1						cps
Cadmium	111-1	465.26	457.13	474.38	465.59	1.85	ppb
Cadmium	106-1	469.82	496.65	494.71	487.06	3.07	ppb
Cadmium	108-1	470.35	478.23	499.83	482.80	3.16	ppb
Calcium	43-1	258638.60	256719.77	267113.63	260824.00	2.12	ppb
Calcium	44-1	256215.02	258905.68	261173.90	258764.86	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.83	515.81	515.45	515.03	0.20	ppb
Cobalt	59-2	537.79	522.48	524.16	528.15	1.59	ppb
Copper	63-2	5207.95	5198.66	5246.98	5217.86	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	54-2	138949.72	134802.90	132657.93	135470.19	2.36	ppb
Iron	56-2	135157.57	134019.49	133520.49	134232.52	0.63	ppb
Iron	57-2	136387.14	133994.67	132936.27	134439.36	1.32	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:28:33	DataFile Name :	126CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2510.66	2473.04	2516.04	2499.91	0.94	ppb
Lead	207-1	2602.36	2509.10	2571.76	2561.07	1.86	ppb
Lead	208-1	2548.11	2517.58	2537.56	2534.42	0.61	ppb
Lithium	6-1				108		%
Magnesium	24-2	268329.79	266476.08	268514.32	267773.40	0.42	ppb
Manganese	55-2	5461.89	5367.96	5304.33	5378.06	1.47	ppb
Molybdenum	94-1	5538.33	5382.59	5473.38	5464.77	1.43	ppb
Molybdenum	95-1	5494.88	5367.38	5542.43	5468.23	1.66	ppb
Molybdenum	96-1	5583.63	5394.54	5605.58	5527.92	2.10	ppb
Molybdenum	97-1	5551.58	5381.09	5593.50	5508.73	2.04	ppb
Molybdenum	98-1	5625.05	5405.36	5571.16	5533.86	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.90	515.89	523.82	519.54	0.77	ppb
Phosphorus	31-2	10534.60	10146.18	10490.89	10390.56	2.05	ppb
Potassium	39-2	130393.95	127056.49	128716.30	128722.25	1.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				92		%
Scandium	45-1				107		%
Scandium	45-2				87		%
Selenium	82-1	518.58	510.60	516.68	515.29	0.81	ppb
Selenium	77-2	585.94	540.84	546.86	557.88	4.39	ppb
Selenium	78-2	523.66	512.61	527.08	521.11	1.45	ppb
Silicon	28-1	437.73	440.62	453.94	444.10	1.95	ppb
Silver	107-1	506.19	502.69	529.51	512.80	2.84	ppb
Silver	109-1	518.75	516.64	539.15	524.84	2.37	ppb
Sodium	23-2	269888.81	267892.66	268597.05	268792.84	0.38	ppb
Strontium	86-1	5032.02	5014.11	4850.04	4965.39	2.02	ppb
Strontium	88-1	4982.03	4941.35	4912.20	4945.19	0.71	ppb
Sulfur	34-1	12282.34	11832.34	11539.78	11884.82	3.15	ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	471.59	474.73	487.59	477.97	1.77	ppb
Thallium	205-1	513.99	498.20	500.31	504.17	1.70	ppb
Tin	118-1	495.81	486.57	499.30	493.89	1.33	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:28:33	DataFile Name :	126CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5522.67	5457.97	5332.01	5437.55	1.78	ppb
Uranium	238-1	510.35	535.41	526.33	524.03	2.42	ppb
Vanadium	51-2	533.25	522.29	525.51	527.02	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	5217.85	5185.32	5219.06	5207.41	0.37	ppb
Zirconium	90-1	498.17	492.07	503.94	498.06	1.19	ppb
Zirconium	91-1	488.69	486.83	489.30	488.27	0.26	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:36:51	DataFile Name :	127CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.82	1.57	0.94	1.78	53.69	ppb
Antimony	121-1	0.04	0.07	0.08	0.06	26.35	ppb
Arsenic	75-2	0.00	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.01	0.01	0.03	0.02	76.52	ppb
Barium	137-1	0.04	0.01	0.03	0.03	50.61	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	50.65	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	5.48	6.05	4.81	5.45	11.40	ppb
Boron	11-1	6.02	5.96	5.16	5.71	8.38	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.30	-0.50	-0.27	-0.36		ppb
Cadmium	106-1	-3.99	-6.68	-3.60	-4.76		ppb
Cadmium	108-1	-0.11	-0.32	-0.21	-0.21		ppb
Calcium	43-1	5.74	5.56	5.09	5.46	6.11	ppb
Calcium	44-1	-2.12	-5.78	-6.13	-4.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.02	0.02	0.01	227.50	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	89.38	ppb
Copper	63-2	0.18	0.16	0.16	0.17	6.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	54-2	5.19	5.25	3.25	4.56	24.98	ppb
Iron	56-2	4.35	4.18	4.10	4.21	2.98	ppb
Iron	57-2	3.44	6.47	5.14	5.01	30.29	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:36:51	DataFile Name :	127CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.17	0.17	0.17	4.37	ppb
Lead	207-1	0.15	0.15	0.11	0.14	15.82	ppb
Lead	208-1	0.14	0.14	0.12	0.14	11.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	8.49	11.78	8.98	9.75	18.23	ppb
Manganese	55-2	0.10	0.03	0.06	0.06	52.23	ppb
Molybdenum	94-1	0.13	0.08	0.05	0.09	48.79	ppb
Molybdenum	95-1	0.11	0.06	0.03	0.07	55.33	ppb
Molybdenum	96-1	0.16	0.10	0.11	0.12	28.01	ppb
Molybdenum	97-1	0.09	0.07	0.04	0.07	36.58	ppb
Molybdenum	98-1	0.12	0.06	0.05	0.08	50.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.06	-0.03	-0.04		ppb
Phosphorus	31-2	-14.45	11.33	-59.46	-20.86		ppb
Potassium	39-2	10.95	9.41	5.29	8.55	34.23	ppb
Rhodium	103-1				108		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				87		%
Selenium	82-1	-1.61	-1.41	-0.80	-1.27		ppb
Selenium	77-2	-1.44	-1.44	-1.44	-1.44		ppb
Selenium	78-2	0.63	0.04	-1.31	-0.21		ppb
Silicon	28-1	-27.60	-32.48	-30.87	-30.32		ppb
Silver	107-1	0.03	0.03	0.05	0.04	27.26	ppb
Silver	109-1	0.03	0.03	0.02	0.03	14.94	ppb
Sodium	23-2	25.11	29.07	23.49	25.89	11.09	ppb
Strontium	86-1	-0.08	-0.07	-0.14	-0.10		ppb
Strontium	88-1	0.06	0.05	0.02	0.04	40.40	ppb
Sulfur	34-1	-639.89	-1009.67	-1536.43	-1062.00		ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.02	-0.02	-0.03		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.06	0.03	-0.01	0.02	155.04	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:36:51	DataFile Name :	127CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.06	-0.16	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.53	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	211.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	0.06	0.26	0.27	0.20	61.15	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	49.22	ppb
Zirconium	91-1	0.01	-0.01	-0.03	-0.01		ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:08:57	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11620.55	12062.42	12266.19	11983.05	2.75	ppb
Antimony	121-1	3.58	3.65	4.21	3.81	9.00	ppb
Arsenic	75-2	3.07	3.10	3.52	3.23	7.77	ppb
Barium	135-1	80.83	81.93	90.47	84.41	6.25	ppb
Barium	137-1	84.03	81.93	89.94	85.30	4.87	ppb
Beryllium	9-1	0.97	0.96	1.04	0.99	4.16	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	-3.61	-3.42	-3.09	-3.37		ppb
Boron	11-1	-3.57	-3.38	-3.21	-3.39		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	0.01	0.12	-0.04		ppb
Cadmium	106-1	-5.33	-2.89	-1.70	-3.31		ppb
Cadmium	108-1	0.02	0.03	0.34	0.13	139.18	ppb
Calcium	43-1	13023.34	13288.59	13946.75	13419.56	3.54	ppb
Calcium	44-1	13324.53	13234.80	13628.49	13395.94	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.14	12.75	13.46	12.78	5.19	ppb
Cobalt	59-2	6.22	6.23	6.43	6.30	1.87	ppb
Copper	63-2	12.02	12.48	12.79	12.43	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				94		%
Iron	54-2	20084.11	19879.75	20138.42	20034.09	0.68	ppb
Iron	56-2	19521.64	20404.90	20190.93	20039.16	2.30	ppb
Iron	57-2	18882.65	19451.77	19763.57	19366.00	2.31	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:08:57	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	41.56	43.62	46.37	43.85	5.50	ppb
Lead	207-1	39.12	41.79	44.46	41.79	6.39	ppb
Lead	208-1	40.84	42.71	45.20	42.92	5.10	ppb
Lithium	6-1				108		%
Magnesium	24-2	3140.54	3193.88	3289.19	3207.87	2.35	ppb
Manganese	55-2	1184.59	1220.44	1237.42	1214.15	2.22	ppb
Molybdenum	94-1	1.94	1.93	1.98	1.95	1.22	ppb
Molybdenum	95-1	0.98	0.84	0.96	0.93	8.01	ppb
Molybdenum	96-1	1.11	1.19	1.29	1.20	7.81	ppb
Molybdenum	97-1	0.85	0.90	0.96	0.90	6.08	ppb
Molybdenum	98-1	0.77	0.78	0.78	0.78	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.73	8.03	8.16	7.97	2.76	ppb
Phosphorus	31-2	505.57	656.65	638.29	600.17	13.74	ppb
Potassium	39-2	1392.03	1440.28	1485.05	1439.12	3.23	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				93		%
Selenium	82-1	0.93	-2.03	-2.11	-1.07		ppb
Selenium	77-2	29.95	16.84	19.71	22.17	31.09	ppb
Selenium	78-2	7.87	5.96	6.47	6.77	14.68	ppb
Silicon	28-1	3142.68	3098.29	3338.78	3193.25	4.01	ppb
Silver	107-1	0.06	0.08	0.08	0.07	13.45	ppb
Silver	109-1	0.08	0.09	0.08	0.08	6.86	ppb
Sodium	23-2	143.82	155.83	167.82	155.83	7.70	ppb
Strontium	86-1	21.15	21.50	22.99	21.88	4.47	ppb
Strontium	88-1	21.47	21.82	23.12	22.14	3.95	ppb
Sulfur	34-1	-1177.66	-1083.04	-725.62	-995.44		ppb
Terbium	159-1				112		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.07	0.11	0.07	66.68	ppb
Thallium	205-1	0.03	0.07	0.12	0.07	64.54	ppb
Tin	118-1	2.32	2.35	2.64	2.44	7.34	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:08:57	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	573.02	550.71	597.54	573.76	4.08	ppb
Uranium	238-1	2.24	2.34	2.54	2.37	6.61	ppb
Vanadium	51-2	20.15	20.28	20.65	20.36	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				99		%
Zinc	66-2	105.97	107.69	108.62	107.43	1.25	ppb
Zirconium	90-1	0.73	0.68	0.72	0.71	3.57	ppb
Zirconium	91-1	0.66	0.62	0.71	0.67	6.55	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20A	Instrumnet Name :	P8
Client Sample ID :	MH1JE3A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:11:56	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18864.93	18722.54	19030.33	18872.60	0.82	ppb
Antimony	121-1	30.79	30.14	28.20	29.71	4.54	ppb
Arsenic	75-2	28.66	28.91	28.60	28.72	0.56	ppb
Barium	135-1	682.36	667.42	651.28	667.02	2.33	ppb
Barium	137-1	662.70	660.40	677.01	666.70	1.35	ppb
Beryllium	9-1	1.29	1.33	1.37	1.33	3.20	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	1580.53	1778.76	1773.59	1710.96	6.60	ppb
Boron	11-1	1400.58	1572.12	1573.14	1515.28	6.56	ppb
Bromine	81-1						cps
Cadmium	111-1	16.32	16.53	16.73	16.52	1.24	ppb
Cadmium	106-1	18.36	16.86	15.40	16.87	8.79	ppb
Cadmium	108-1	19.34	18.77	17.95	18.68	3.74	ppb
Calcium	43-1	157731.97	155824.52	159099.37	157551.96	1.04	ppb
Calcium	44-1	158254.03	155629.59	159154.74	157679.46	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	442.70	437.68	446.64	442.34	1.02	ppb
Cobalt	59-2	14.17	14.18	14.43	14.26	1.03	ppb
Copper	63-2	323.39	316.00	319.33	319.57	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				102		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	54-2	60912.77	58357.90	59940.87	59737.18	2.16	ppb
Iron	56-2	60631.76	57413.01	59161.02	59068.60	2.73	ppb
Iron	57-2	61294.46	58744.63	60702.05	60247.05	2.21	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20A	Instrumnet Name :	P8
Client Sample ID :	MH1JE3A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:11:56	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	270.20	276.91	272.24	273.12	1.26	ppb
Lead	207-1	266.49	259.22	266.32	264.01	1.57	ppb
Lead	208-1	267.47	266.35	268.78	267.53	0.45	ppb
Lithium	6-1				111		%
Magnesium	24-2	26674.64	26235.42	26825.20	26578.42	1.15	ppb
Manganese	55-2	4321.51	4118.70	4275.89	4238.70	2.51	ppb
Molybdenum	94-1	28.66	28.79	28.88	28.78	0.39	ppb
Molybdenum	95-1	13.79	14.43	15.23	14.48	4.98	ppb
Molybdenum	96-1	16.18	16.16	16.71	16.35	1.90	ppb
Molybdenum	97-1	14.27	13.89	14.82	14.32	3.26	ppb
Molybdenum	98-1	13.94	14.72	14.41	14.36	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.36	98.65	97.02	97.68	0.88	ppb
Phosphorus	31-2	3365.01	3088.29	3184.04	3212.45	4.37	ppb
Potassium	39-2	10183.53	10120.67	10230.78	10178.33	0.54	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				95		%
Selenium	82-1	3.61	4.22	5.27	4.37	19.25	ppb
Selenium	77-2	22.45	23.25	33.33	26.35	23.02	ppb
Selenium	78-2	9.46	9.47	7.73	8.89	11.32	ppb
Silicon	28-1	2581.46	2637.94	2729.67	2649.69	2.82	ppb
Silver	107-1	3.32	3.45	3.47	3.41	2.29	ppb
Silver	109-1	3.52	3.43	3.37	3.44	2.16	ppb
Sodium	23-2	100092.80	98819.44	101072.17	99994.80	1.13	ppb
Strontium	86-1	602.91	610.97	629.76	614.55	2.24	ppb
Strontium	88-1	606.18	613.70	622.21	614.03	1.31	ppb
Sulfur	34-1	18978.27	19017.92	19759.14	19251.78	2.28	ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.62	0.62	0.52	0.58	9.72	ppb
Thallium	205-1	0.61	0.64	0.61	0.62	2.57	ppb
Tin	118-1	76.17	75.57	76.35	76.03	0.54	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20A	Instrumnet Name :	P8
Client Sample ID :	MH1JE3A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:11:56	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	588.04	586.60	590.48	588.37	0.33	ppb
Uranium	238-1	3.59	3.67	3.69	3.65	1.47	ppb
Vanadium	51-2	104.77	103.25	104.84	104.29	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				99		%
Zinc	66-2	2727.69	2701.79	2768.84	2732.77	1.24	ppb
Zirconium	90-1	8.67	8.70	9.24	8.87	3.65	ppb
Zirconium	91-1	8.39	8.89	8.93	8.74	3.42	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09A	Instrumnet Name :	P8
Client Sample ID :	MH1JE7A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:14:50	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5592.92	5541.51	5780.41	5638.28	2.23	ppb
Antimony	121-1	22.38	23.01	22.30	22.57	1.72	ppb
Arsenic	75-2	30.22	30.07	29.82	30.04	0.67	ppb
Barium	135-1	386.15	412.75	386.20	395.03	3.88	ppb
Barium	137-1	390.95	428.27	413.92	411.05	4.58	ppb
Beryllium	9-1	0.40	0.35	0.38	0.37	6.30	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	312.58	306.50	305.05	308.05	1.30	ppb
Boron	11-1	305.29	306.58	298.46	303.45	1.44	ppb
Bromine	81-1						cps
Cadmium	111-1	8.32	9.11	8.70	8.71	4.49	ppb
Cadmium	106-1	5.94	4.11	6.48	5.51	22.55	ppb
Cadmium	108-1	10.46	10.00	9.87	10.11	3.04	ppb
Calcium	43-1	230315.09	225812.44	230182.19	228769.90	1.12	ppb
Calcium	44-1	221319.18	229114.59	222068.43	224167.40	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.39	50.86	52.33	51.53	1.44	ppb
Cobalt	59-2	12.95	12.56	12.82	12.77	1.54	ppb
Copper	63-2	1343.14	1348.40	1345.45	1345.67	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	54-2	15708.58	15576.77	16307.08	15864.14	2.45	ppb
Iron	56-2	15952.37	15896.29	16112.13	15986.93	0.70	ppb
Iron	57-2	15828.03	15693.58	16293.57	15938.39	1.98	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09A	Instrumnet Name :	P8
Client Sample ID :	MH1JE7A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:14:50	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	360.89	366.04	371.12	366.01	1.40	ppb
Lead	207-1	352.85	361.86	351.67	355.46	1.57	ppb
Lead	208-1	365.47	373.09	369.73	369.43	1.03	ppb
Lithium	6-1				111		%
Magnesium	24-2	11540.55	11578.22	11946.67	11688.48	1.92	ppb
Manganese	55-2	1109.43	1091.63	1108.16	1103.07	0.90	ppb
Molybdenum	94-1	10.79	11.41	11.45	11.22	3.32	ppb
Molybdenum	95-1	8.22	8.61	8.50	8.44	2.36	ppb
Molybdenum	96-1	8.90	9.12	9.37	9.13	2.56	ppb
Molybdenum	97-1	8.58	8.28	8.91	8.59	3.66	ppb
Molybdenum	98-1	8.32	8.42	8.72	8.48	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.38	102.19	105.82	103.46	1.98	ppb
Phosphorus	31-2	2085.83	1990.81	2320.22	2132.29	7.95	ppb
Potassium	39-2	4497.43	4422.02	4713.15	4544.20	3.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				92		%
Selenium	82-1	100.94	102.03	102.32	101.76	0.71	ppb
Selenium	77-2	138.53	116.00	88.59	114.37	21.86	ppb
Selenium	78-2	106.16	105.28	110.49	107.31	2.60	ppb
Silicon	28-1	1382.36	1379.72	1339.73	1367.27	1.75	ppb
Silver	107-1	5.87	5.83	5.89	5.86	0.52	ppb
Silver	109-1	5.50	6.11	5.78	5.80	5.27	ppb
Sodium	23-2	90906.68	91226.54	93167.83	91767.01	1.33	ppb
Strontium	86-1	880.91	926.34	876.23	894.50	3.09	ppb
Strontium	88-1	871.42	882.11	869.73	874.42	0.77	ppb
Sulfur	34-1	181493.28	187281.76	187162.39	185312.47	1.79	ppb
Terbium	159-1				115		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.04	0.11	0.09	47.58	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	5.95	ppb
Tin	118-1	761.68	833.27	767.95	787.63	5.03	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09A	Instrumnet Name :	P8
Client Sample ID :	MH1JE7A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:14:50	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	212.32	228.87	218.44	219.88	3.81	ppb
Uranium	238-1	1.71	1.89	1.91	1.84	5.89	ppb
Vanadium	51-2	25.14	24.52	25.52	25.06	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				95		%
Zinc	66-2	3997.15	3932.74	4087.12	4005.67	1.94	ppb
Zirconium	90-1	2.21	2.14	2.21	2.19	1.85	ppb
Zirconium	91-1	2.09	2.04	2.08	2.07	1.33	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:20:55	DataFile Name :	132CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53165.51	51925.16	53412.97	52834.54	1.51	ppb
Antimony	121-1	486.25	482.20	495.43	487.96	1.39	ppb
Arsenic	75-2	529.31	516.12	522.12	522.52	1.26	ppb
Barium	135-1	2514.55	2347.81	2584.87	2482.41	4.90	ppb
Barium	137-1	2460.90	2342.90	2538.46	2447.42	4.02	ppb
Beryllium	9-1	481.47	475.06	498.94	485.16	2.55	ppb
Bismuth	209-1				112		%
Bismuth	209-2				94		%
Boron	10-1	513.26	532.45	570.54	538.75	5.41	ppb
Boron	11-1	509.32	525.38	561.20	531.97	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	466.87	441.41	473.28	460.52	3.66	ppb
Cadmium	106-1	449.08	432.41	479.74	453.74	5.29	ppb
Cadmium	108-1	459.90	455.88	469.76	461.85	1.55	ppb
Calcium	43-1	276885.75	261906.90	274343.12	271045.25	2.96	ppb
Calcium	44-1	265695.03	250483.11	270122.43	262100.19	3.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	526.78	512.45	505.05	514.76	2.15	ppb
Cobalt	59-2	536.58	524.02	518.40	526.34	1.77	ppb
Copper	63-2	5253.09	5200.30	5148.67	5200.69	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				90		%
Iron	54-2	135749.54	133064.21	130715.00	133176.25	1.89	ppb
Iron	56-2	135537.63	130151.97	130692.80	132127.47	2.24	ppb
Iron	57-2	138538.44	128341.48	129847.00	132242.31	4.16	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:20:55	DataFile Name :	132CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2585.47	2467.71	2631.96	2561.71	3.30	ppb
Lead	207-1	2687.79	2558.98	2661.46	2636.08	2.58	ppb
Lead	208-1	2598.32	2520.15	2626.93	2581.80	2.14	ppb
Lithium	6-1				109		%
Magnesium	24-2	267793.46	259572.26	259532.85	262299.52	1.81	ppb
Manganese	55-2	5472.14	5198.46	5294.05	5321.55	2.61	ppb
Molybdenum	94-1	5365.24	5161.98	5444.02	5323.75	2.73	ppb
Molybdenum	95-1	5479.02	5276.20	5600.53	5451.92	3.01	ppb
Molybdenum	96-1	5466.85	5233.01	5663.05	5454.30	3.95	ppb
Molybdenum	97-1	5370.52	5205.58	5727.11	5434.40	4.91	ppb
Molybdenum	98-1	5403.39	5257.33	5902.15	5520.96	6.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.45	510.97	507.44	514.29	1.75	ppb
Phosphorus	31-2	10539.64	10010.01	10782.95	10444.20	3.78	ppb
Potassium	39-2	131496.75	128831.27	126659.73	128995.92	1.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				90		%
Scandium	45-1				105		%
Scandium	45-2				87		%
Selenium	82-1	507.55	499.55	534.30	513.80	3.54	ppb
Selenium	77-2	538.79	543.22	516.24	532.75	2.72	ppb
Selenium	78-2	543.15	531.19	536.74	537.03	1.11	ppb
Silicon	28-1	453.31	439.96	474.23	455.83	3.79	ppb
Silver	107-1	526.14	503.46	517.63	515.75	2.22	ppb
Silver	109-1	510.24	478.10	516.84	501.73	4.13	ppb
Sodium	23-2	270986.76	263288.36	256453.95	263576.36	2.76	ppb
Strontium	86-1	4837.84	4811.33	5198.08	4949.08	4.37	ppb
Strontium	88-1	4941.74	4875.58	5217.16	5011.49	3.61	ppb
Sulfur	34-1	12040.44	10270.90	11541.93	11284.42	8.09	ppb
Terbium	159-1				116		%
Terbium	159-2				101		%
Thallium	203-1	490.34	479.98	503.89	491.40	2.44	ppb
Thallium	205-1	527.87	505.86	544.29	526.01	3.67	ppb
Tin	118-1	490.22	481.34	502.21	491.26	2.13	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:20:55	DataFile Name :	132CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5501.73	5263.78	5561.10	5442.20	2.89	ppb
Uranium	238-1	522.21	500.76	534.59	519.19	3.30	ppb
Vanadium	51-2	533.73	518.32	517.70	523.25	1.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				91		%
Zinc	66-2	5256.78	5110.56	5112.02	5159.79	1.63	ppb
Zirconium	90-1	501.73	502.98	521.23	508.65	2.15	ppb
Zirconium	91-1	476.66	478.15	498.17	484.32	2.48	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:27:42	DataFile Name :	133CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.98	1.95	1.27	1.73	23.01	ppb
Antimony	121-1	0.10	0.13	0.12	0.11	11.92	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	32.98	ppb
Barium	135-1	0.06	0.08	0.16	0.10	51.65	ppb
Barium	137-1	0.09	0.04	0.15	0.09	57.90	ppb
Beryllium	9-1	0.05	0.04	0.08	0.06	37.71	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	33.33	30.60	29.39	31.11	6.50	ppb
Boron	11-1	30.81	29.33	28.63	29.59	3.77	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.29	-0.21	-0.23		ppb
Cadmium	106-1	-3.03	-4.16	-3.13	-3.44		ppb
Cadmium	108-1	-0.20	-0.20	0.01	-0.13		ppb
Calcium	43-1	11.28	8.84	10.82	10.32	12.56	ppb
Calcium	44-1	2.95	4.77	6.16	4.63	34.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.03	0.05	0.02	135.55	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	67.67	ppb
Copper	63-2	0.21	0.26	0.19	0.22	16.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				93		%
Iron	54-2	3.47	5.89	3.39	4.25	33.38	ppb
Iron	56-2	4.14	4.35	3.65	4.05	8.89	ppb
Iron	57-2	2.87	4.72	3.04	3.54	28.89	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:27:42	DataFile Name :	133CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.21	0.20	0.20	4.17	ppb
Lead	207-1	0.17	0.22	0.21	0.20	13.89	ppb
Lead	208-1	0.18	0.19	0.21	0.19	8.44	ppb
Lithium	6-1				103		%
Magnesium	24-2	8.24	7.66	7.89	7.93	3.66	ppb
Manganese	55-2	0.11	0.13	0.11	0.12	11.46	ppb
Molybdenum	94-1	0.31	0.25	0.27	0.28	10.52	ppb
Molybdenum	95-1	0.26	0.26	0.24	0.25	3.48	ppb
Molybdenum	96-1	0.28	0.24	0.29	0.27	9.34	ppb
Molybdenum	97-1	0.25	0.33	0.24	0.27	19.00	ppb
Molybdenum	98-1	0.27	0.20	0.32	0.26	22.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.04	0.00	0.00	3619.35	ppb
Phosphorus	31-2	0.88	-44.02	-32.19	-25.11		ppb
Potassium	39-2	9.45	1.45	4.22	5.04	80.64	ppb
Rhodium	103-1				106		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	82-1	-1.37	-1.56	-1.89	-1.61		ppb
Selenium	77-2	-0.31	-0.27	-1.44	-0.67		ppb
Selenium	78-2	0.82	-0.78	-0.31	-0.09		ppb
Silicon	28-1	-29.66	-25.70	-28.69	-28.02		ppb
Silver	107-1	0.04	0.06	0.03	0.04	34.02	ppb
Silver	109-1	0.05	0.02	0.04	0.04	36.75	ppb
Sodium	23-2	39.89	39.06	35.57	38.17	6.01	ppb
Strontium	86-1	0.13	0.10	0.13	0.12	16.03	ppb
Strontium	88-1	0.15	0.17	0.21	0.18	16.80	ppb
Sulfur	34-1	-1679.72	-1249.81	-1602.24	-1510.59		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.04	0.01	144.20	ppb
Thallium	205-1	0.00	0.04	0.00	0.01	173.51	ppb
Tin	118-1	0.04	0.06	0.03	0.05	37.53	ppb

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:27:42	DataFile Name :	133CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.03	0.22	0.09	115.49	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	30.71	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	121.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	0.42	0.33	0.35	0.37	13.02	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	28.11	ppb
Zirconium	91-1	-0.01	-0.01	0.01	-0.01		ppb

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE082 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 10:35:09 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179	147	180	169	10.91	cps
Antimony	121-1	333	408	425	389	12.56	cps
Arsenic	75-2	66	75	72	71	6.45	cps
Barium	135-1	83	50	92	75	29.40	cps
Barium	137-1	92	75	83	83	10.00	cps
Beryllium	9-1	348	298	328	325	7.75	cps
Bismuth	209-1	3216261	3262894	3202560	3227239	0.98	cps
Bismuth	209-2	2676285	2680295	2523789	2626790	3.40	cps
Boron	10-1	2176	2162	2086	2141	2.26	cps
Boron	11-1	9813	9307	9447	9523	2.75	cps
Bromine	81-1	15745	16086	15705	15845	1.32	cps
Cadmium	111-1	3220	2787	2972	2993	7.26	cps
Cadmium	106-1	4676	4042	4368	4362	7.26	cps
Cadmium	108-1	296	233	300	276	13.51	cps
Calcium	43-1	372	351	332	352	5.68	cps
Calcium	44-1	31507	31243	31007	31252	0.80	cps
Carbon	12-1	4486697	4512426	4526718	4508614	0.45	cps
Carbon	12-2	42955	42295	42546	42599	0.78	cps
Chlorine	35-1	3143621	3096149	3004295	3081355	2.30	cps
Chlorine	35-2	20749	19964	20682	20465	2.13	cps
Chromium	52-2	1023	1023	1117	1054	5.11	cps
Cobalt	59-2	247	210	300	252	17.94	cps
Copper	63-2	877	960	950	929	4.90	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	58	50	39	68.89	cps
Erbium	164-2	20	30	17	22	31.22	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	47	57	63	56	15.09	cps
Holmium	165-1	6028614	5996924	5975869	6000469	0.44	cps
Holmium	165-2	4012791	3975903	3893723	3960805	1.54	cps
Indium	115-1	6250991	6343075	6299601	6297889	0.73	cps
Indium	115-2	1286016	1281032	1241995	1269681	1.90	cps
Iron	54-2	539	661	539	580	12.17	cps
Iron	56-2	4429	4445	4351	4408	1.14	cps
Iron	57-2	239	217	333	263	23.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 10:35:09	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	977	1133	1046	7.65	cps
Lead	206-1	628	494	578	567	11.89	cps
Lead	207-1	556	567	556	559	1.15	cps
Lead	208-1	2378	2383	2356	2372	0.62	cps
Lithium	6-1	4053804	4075944	4064822	4064857	0.27	cps
Magnesium	24-2	708	625	875	736	17.29	cps
Manganese	55-2	140	170	147	152	10.35	cps
Molybdenum	94-1	817	733	717	756	7.09	cps
Molybdenum	95-1	1033	867	667	856	21.46	cps
Molybdenum	96-1	1133	900	1125	1053	12.57	cps
Molybdenum	97-1	600	658	567	608	7.63	cps
Molybdenum	98-1	1533	1333	1217	1361	11.77	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	223	267	227	239	10.09	cps
Phosphorus	31-2	408	325	292	342	17.59	cps
Potassium	39-2	20265	20498	20206	20323	0.76	cps
Rhodium	103-1	6463639	6537185	6272901	6424575	2.12	cps
Rhodium	103-2	3662182	3689434	3554907	3635508	1.96	cps
Scandium	45-1	6107569	6348082	6071233	6175628	2.44	cps
Scandium	45-2	219661	218063	207059	214928	3.19	cps
Selenium	82-1	73	105	-55	41	204.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	60	68	64	6.28	cps
Silicon	28-1	835759	841207	833020	836662	0.50	cps
Silver	107-1	150	150	117	139	13.86	cps
Silver	109-1	83	167	83	111	43.30	cps
Sodium	23-2	15192	15192	15550	15311	1.35	cps
Strontium	86-1	1809	1859	1784	1817	2.10	cps
Strontium	88-1	992	925	892	936	5.44	cps
Sulfur	34-1	420589	416380	412201	416390	1.01	cps
Terbium	159-1	6439129	6505168	6369609	6437969	1.05	cps
Terbium	159-2	3972475	3929937	3791814	3898075	2.42	cps
Thallium	203-1	2692	2475	2300	2489	7.88	cps
Thallium	205-1	6385	6702	5560	6216	9.49	cps
Tin	118-1	675	658	642	658	2.53	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 10:35:09	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	383	383	353	15.00	cps
Uranium	238-1	208	167	192	189	11.10	cps
Vanadium	51-2	110	77	137	108	27.89	cps
Ytterbium	172-1	75	42	50	56	31.22	cps
Ytterbium	172-2	44	72	94	70	35.60	cps
Ytterbium	176-1	925	875	933	911	3.46	cps
Ytterbium	176-2	4656	4606	4645	4636	0.57	cps
Yttrium	89-1	13351737	13297594	13306771	13318700	0.22	cps
Yttrium	89-2	1778932	1763423	1687368	1743241	2.81	cps
Zinc	66-2	227	227	233	229	1.68	cps
Zirconium	90-1	792	642	792	742	11.68	cps
Zirconium	91-1	142	83	133	119	26.41	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:08:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179	171	137	162	13.52	cps
Antimony	121-1	33	75	42	50	44.10	cps
Arsenic	75-2	6	6	8	7	17.32	cps
Barium	135-1	0	25	25	17	86.60	cps
Barium	137-1	8	33	42	28	62.46	cps
Beryllium	9-1	74	66	88	76	14.65	cps
Bismuth	209-1	3125222	2978794	3070732	3058249	2.42	cps
Bismuth	209-2	2741190	2853480	2739094	2777921	2.36	cps
Boron	10-1	966	914	900	927	3.75	cps
Boron	11-1	4240	4160	4220	4206	0.99	cps
Bromine	81-1	16136	15665	16417	16073	2.36	cps
Cadmium	111-1	2149	2254	2117	2173	3.29	cps
Cadmium	106-1	3042	3225	3025	3098	3.58	cps
Cadmium	108-1	25	42	25	31	31.50	cps
Calcium	43-1	350	302	304	319	8.49	cps
Calcium	44-1	28119	28201	28445	28255	0.60	cps
Carbon	12-1	4323003	4143390	4241994	4236129	2.12	cps
Carbon	12-2	40573	39872	39738	40061	1.12	cps
Chlorine	35-1	372904	363687	362584	366392	1.55	cps
Chlorine	35-2	2350	2475	2417	2414	2.59	cps
Chromium	52-2	993	853	903	917	7.74	cps
Cobalt	59-2	87	73	73	78	9.90	cps
Copper	63-2	553	540	597	563	5.26	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	50	25	67	47	44.41	cps
Erbium	164-2	3	23	20	16	68.90	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	77	70	33	60	38.89	cps
Holmium	165-1	5769379	5760878	5816968	5782408	0.52	cps
Holmium	165-2	4039094	4082022	4106811	4075976	0.84	cps
Indium	115-1	6260871	6200985	5989056	6150304	2.32	cps
Indium	115-2	1303608	1348506	1323769	1325294	1.70	cps
Iron	54-2	472	528	539	513	6.96	cps
Iron	56-2	3551	3234	3806	3530	8.12	cps
Iron	57-2	244	222	272	246	10.17	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:08:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1020	1103	1066	3.96	cps
Lead	206-1	350	333	300	328	7.77	cps
Lead	207-1	333	294	322	317	6.33	cps
Lead	208-1	1517	1422	1206	1382	11.55	cps
Lithium	6-1	4055859	3943115	4067743	4022239	1.71	cps
Magnesium	24-2	558	575	558	564	1.71	cps
Manganese	55-2	63	90	63	72	21.32	cps
Molybdenum	94-1	225	375	225	275	31.49	cps
Molybdenum	95-1	67	67	33	56	34.65	cps
Molybdenum	96-1	217	83	158	153	43.75	cps
Molybdenum	97-1	42	25	17	28	45.82	cps
Molybdenum	98-1	150	83	125	119	28.20	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	77	93	93	88	10.96	cps
Phosphorus	31-2	267	325	208	267	21.87	cps
Potassium	39-2	20632	20582	20682	20632	0.24	cps
Rhodium	103-1	6101367	6215084	6229975	6182142	1.14	cps
Rhodium	103-2	3732281	3810448	3785069	3775933	1.06	cps
Scandium	45-1	6128902	5894480	5774526	5932636	3.04	cps
Scandium	45-2	225764	229207	230148	228373	1.01	cps
Selenium	82-1	73	143	25	80	74.16	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	72	52	59	61	16.63	cps
Silicon	28-1	850846	840039	849713	846866	0.70	cps
Silver	107-1	92	83	50	75	29.40	cps
Silver	109-1	67	83	33	61	41.67	cps
Sodium	23-2	13415	13490	13098	13334	1.56	cps
Strontium	86-1	1775	2050	1900	1909	7.22	cps
Strontium	88-1	333	400	317	350	12.60	cps
Sulfur	34-1	428765	431777	435560	432034	0.79	cps
Terbium	159-1	6232909	6057151	6160850	6150303	1.44	cps
Terbium	159-2	3984008	4114686	4101985	4066893	1.77	cps
Thallium	203-1	275	292	242	269	9.45	cps
Thallium	205-1	592	775	450	606	26.91	cps
Tin	118-1	492	433	358	428	15.63	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:08:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	417	550	392	43.97	cps
Uranium	238-1	8	25	0	11	114.58	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Ytterbium	172-1	42	17	0	19	107.85	cps
Ytterbium	172-2	11	17	33	20	56.76	cps
Ytterbium	176-1	575	575	692	614	10.97	cps
Ytterbium	176-2	5001	5040	5162	5068	1.66	cps
Yttrium	89-1	12722852	12852291	13235934	12937026	2.06	cps
Yttrium	89-2	1784936	1878535	1829452	1830974	2.56	cps
Zinc	66-2	137	133	117	129	8.31	cps
Zirconium	90-1	517	683	725	642	17.18	cps
Zirconium	91-1	167	192	150	169	12.38	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 11:17:19 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1034	1020	1040	1031	0.99	cps
Antimony	121-1	7069	6852	7102	7008	1.94	cps
Arsenic	75-2	161	183	168	171	6.59	cps
Barium	135-1	8645	9103	8436	8728	3.91	cps
Barium	137-1	14917	14800	14842	14853	0.40	cps
Beryllium	9-1	1690	1750	1640	1693	3.25	cps
Bismuth	209-1	3082869	3063911	3060373	3069051	0.39	cps
Bismuth	209-2	2659657	2793931	2686938	2713509	2.62	cps
Boron	10-1	4038	4382	4430	4283	4.99	cps
Boron	11-1	19850	20743	20464	20352	2.25	cps
Bromine	81-1	17279	16467	16998	16914	2.44	cps
Cadmium	111-1	3318	3308	3116	3247	3.51	cps
Cadmium	106-1	3376	3534	3075	3328	7.00	cps
Cadmium	108-1	100	100	113	104	6.93	cps
Calcium	43-1	8645	8364	8484	8498	1.66	cps
Calcium	44-1	163205	163650	162554	163136	0.34	cps
Carbon	12-1	4501933	4709471	4605222	4605542	2.25	cps
Carbon	12-2	42596	43590	42387	42858	1.50	cps
Chlorine	35-1	316287	313551	309651	313163	1.06	cps
Chlorine	35-2	2109	2242	2000	2117	5.72	cps
Chromium	52-2	4194	4391	4227	4271	2.47	cps
Cobalt	59-2	3100	3107	2957	3055	2.77	cps
Copper	63-2	5088	4978	5184	5083	2.03	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	17	58	50	42	52.91	cps
Gadolinium	160-2	30	73	60	54	40.76	cps
Holmium	165-1	5776053	5842833	5500160	5706349	3.18	cps
Holmium	165-2	4010426	3913728	4067393	3997182	1.94	cps
Indium	115-1	6103935	6079469	6127474	6103626	0.39	cps
Indium	115-2	1314853	1322371	1319813	1319012	0.29	cps
Iron	54-2	4334	4406	4256	4332	1.73	cps
Iron	56-2	69748	69787	69134	69556	0.53	cps
Iron	57-2	2050	1828	1928	1935	5.75	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:17:19	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1163	1073	1096	5.46	cps
Lead	206-1	2139	2345	2161	2215	5.09	cps
Lead	207-1	2234	2200	2017	2150	5.43	cps
Lead	208-1	8951	9129	8862	8981	1.51	cps
Lithium	6-1	4054138	4003755	4103019	4053637	1.22	cps
Magnesium	24-2	65213	65900	65899	65671	0.60	cps
Manganese	55-2	857	1023	957	946	8.87	cps
Molybdenum	94-1	9178	9662	9253	9364	2.78	cps
Molybdenum	95-1	10880	11880	11205	11322	4.51	cps
Molybdenum	96-1	12815	12840	12665	12773	0.74	cps
Molybdenum	97-1	7494	6860	7244	7199	4.43	cps
Molybdenum	98-1	17603	17837	17937	17792	0.96	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	897	880	957	911	4.43	cps
Phosphorus	31-2	300	308	383	331	13.89	cps
Potassium	39-2	72649	72122	73052	72608	0.64	cps
Rhodium	103-1	6290804	6637244	6313928	6413992	3.02	cps
Rhodium	103-2	3722917	3731773	3875209	3776633	2.26	cps
Scandium	45-1	5761207	6151891	6239187	6050762	4.21	cps
Scandium	45-2	231306	228525	230434	230088	0.62	cps
Selenium	82-1	422	301	415	380	17.87	cps
Selenium	77-2	10	27	3	13	90.16	cps
Selenium	78-2	141	121	106	123	14.32	cps
Silicon	28-1	877420	878508	897891	884607	1.30	cps
Silver	107-1	4442	4959	4701	4701	5.50	cps
Silver	109-1	4643	4734	4618	4665	1.32	cps
Sodium	23-2	139068	137570	138598	138412	0.55	cps
Strontium	86-1	3159	3326	3342	3275	3.10	cps
Strontium	88-1	13524	13816	13332	13557	1.80	cps
Sulfur	34-1	441605	448969	442728	444434	0.89	cps
Terbium	159-1	6121865	6387180	6219109	6242718	2.15	cps
Terbium	159-2	3957347	4031509	4168756	4052537	2.65	cps
Thallium	203-1	2634	2559	2359	2517	5.65	cps
Thallium	205-1	6143	5810	5376	5776	6.66	cps
Tin	118-1	16135	16619	15851	16202	2.40	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:17:19	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4317	4868	4492	4559	6.17	cps
Uranium	238-1	6418	5968	6894	6427	7.20	cps
Vanadium	51-2	6778	7015	7032	6942	2.04	cps
Ytterbium	172-1	8	25	8	14	69.31	cps
Ytterbium	172-2	0	11	22	11	100.00	cps
Ytterbium	176-1	792	692	617	700	12.54	cps
Ytterbium	176-2	4718	5084	5112	4971	4.43	cps
Yttrium	89-1	13434860	13834293	12946976	13405376	3.32	cps
Yttrium	89-2	1838473	1807129	1861885	1835829	1.50	cps
Zinc	66-2	710	727	690	709	2.59	cps
Zirconium	90-1	8778	8653	8536	8656	1.40	cps
Zirconium	91-1	1875	1800	1967	1881	4.44	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 11:20:25 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49363	49919	49061	49448	0.88	cps
Antimony	121-1	194862	195299	194069	194743	0.32	cps
Arsenic	75-2	8712	8597	8459	8589	1.47	cps
Barium	135-1	246063	246198	252995	248419	1.60	cps
Barium	137-1	422392	430430	416043	422955	1.70	cps
Beryllium	9-1	85662	84401	84116	84726	0.97	cps
Bismuth	209-1	3138435	3233910	3013642	3128662	3.53	cps
Bismuth	209-2	2828115	2879183	2929585	2878961	1.76	cps
Boron	10-1	7957	8619	8743	8439	5.01	cps
Boron	11-1	35500	37705	39908	37704	5.85	cps
Bromine	81-1	15986	16296	17659	16647	5.35	cps
Cadmium	111-1	52512	52064	52766	52447	0.68	cps
Cadmium	106-1	8620	8403	8753	8592	2.06	cps
Cadmium	108-1	3942	4026	4042	4003	1.34	cps
Calcium	43-1	97111	98127	97913	97717	0.55	cps
Calcium	44-1	1645483	1659809	1625188	1643493	1.06	cps
Carbon	12-1	4933879	5170278	5291120	5131759	3.54	cps
Carbon	12-2	49986	50203	49810	50000	0.39	cps
Chlorine	35-1	318840	315568	314945	316451	0.66	cps
Chlorine	35-2	2025	2084	2017	2042	1.78	cps
Chromium	52-2	98127	95731	94168	96009	2.08	cps
Cobalt	59-2	166364	167617	165032	166338	0.78	cps
Copper	63-2	1278240	1273365	1270716	1274107	0.30	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	23	17	10	17	39.99	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	20	37	17	24	43.83	cps
Gadolinium	160-1	58	50	67	58	14.29	cps
Gadolinium	160-2	57	70	87	71	21.14	cps
Holmium	165-1	5926725	5706289	5780413	5804475	1.93	cps
Holmium	165-2	4029046	4165052	4483466	4225855	5.52	cps
Indium	115-1	6452524	6493054	6293100	6412893	1.65	cps
Indium	115-2	1361306	1382179	1448806	1397430	3.27	cps
Iron	54-2	208310	208834	208845	208663	0.15	cps
Iron	56-2	3770966	3763853	3681891	3738903	1.32	cps
Iron	57-2	95166	93264	92135	93521	1.64	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:20:25	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1203	1027	1140	8.63	cps
Lead	206-1	510310	504394	508439	507714	0.60	cps
Lead	207-1	456984	451033	451305	453108	0.74	cps
Lead	208-1	2072501	2080280	2066656	2073146	0.33	cps
Lithium	6-1	4113598	4250266	4225560	4196475	1.74	cps
Magnesium	24-2	743248	750146	734764	742719	1.04	cps
Manganese	55-2	478937	484135	470607	477893	1.43	cps
Molybdenum	94-1	956947	941518	930383	942949	1.41	cps
Molybdenum	95-1	1337838	1347189	1378587	1354538	1.58	cps
Molybdenum	96-1	1481767	1462129	1530072	1491323	2.34	cps
Molybdenum	97-1	817155	832001	826735	825297	0.91	cps
Molybdenum	98-1	2039983	2113455	2047504	2066981	1.96	cps
Neodymium	150-1	7	40	7	18	108.23	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	45275	45355	44877	45169	0.57	cps
Phosphorus	31-2	2617	2517	2542	2559	2.03	cps
Potassium	39-2	315567	324501	317502	319190	1.47	cps
Rhodium	103-1	6233740	6350042	6233997	6272593	1.07	cps
Rhodium	103-2	3845436	3977687	4080621	3967915	2.97	cps
Scandium	45-1	6053704	6110362	6140200	6101422	0.72	cps
Scandium	45-2	228897	239284	246708	238297	3.75	cps
Selenium	82-1	4254	4200	4392	4282	2.32	cps
Selenium	77-2	157	210	173	180	15.16	cps
Selenium	78-2	671	660	648	660	1.74	cps
Silicon	28-1	1074791	1083792	1117912	1092165	2.08	cps
Silver	107-1	267467	265963	276223	269884	2.05	cps
Silver	109-1	248682	253549	254401	252211	1.22	cps
Sodium	23-2	1436318	1435075	1437272	1436222	0.08	cps
Strontium	86-1	886020	889129	886301	887150	0.19	cps
Strontium	88-1	7464717	7441971	7544869	7483852	0.72	cps
Sulfur	34-1	475333	473835	472315	473828	0.32	cps
Terbium	159-1	6264767	6626800	6289065	6393544	3.17	cps
Terbium	159-2	4120142	4261368	4480533	4287348	4.24	cps
Thallium	203-1	135054	131683	131767	132835	1.45	cps
Thallium	205-1	309248	304353	313086	308896	1.42	cps
Tin	118-1	177730	179018	177029	177926	0.57	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:20:25	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517439	509421	515624	514161	0.82	cps
Uranium	238-1	355305	352812	362777	356965	1.45	cps
Vanadium	51-2	79312	78983	77187	78494	1.46	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	172-2	17	11	6	11	49.99	cps
Ytterbium	176-1	1200	1258	1208	1222	2.58	cps
Ytterbium	176-2	5301	5863	6235	5800	8.11	cps
Yttrium	89-1	13439153	13442294	13652849	13511432	0.91	cps
Yttrium	89-2	1845786	1961056	2008209	1938350	4.31	cps
Zinc	66-2	135435	136522	134035	135331	0.92	cps
Zirconium	90-1	451305	460319	447101	452908	1.49	cps
Zirconium	91-1	100252	101368	99346	100322	1.01	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 11:23:28 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119393	120101	119056	119517	0.45	cps
Antimony	121-1	497965	484058	492802	491608	1.43	cps
Arsenic	75-2	20842	20736	20347	20642	1.26	cps
Barium	135-1	625958	621916	629331	625735	0.59	cps
Barium	137-1	1049655	1096654	1075541	1073950	2.19	cps
Beryllium	9-1	210403	211315	214268	211995	0.95	cps
Bismuth	209-1	3123268	3155595	3142128	3140330	0.52	cps
Bismuth	209-2	2770317	2790068	2747393	2769259	0.77	cps
Boron	10-1	18558	19717	19970	19415	3.88	cps
Boron	11-1	83910	90926	93295	89377	5.46	cps
Bromine	81-1	16687	15274	16036	15999	4.42	cps
Cadmium	111-1	126376	127658	130032	128022	1.45	cps
Cadmium	106-1	17971	18004	18254	18076	0.86	cps
Cadmium	108-1	9925	10095	10191	10070	1.34	cps
Calcium	43-1	245331	244067	244089	244496	0.30	cps
Calcium	44-1	3906547	3974999	3912385	3931310	0.97	cps
Carbon	12-1	5550514	5499049	5649989	5566517	1.38	cps
Carbon	12-2	54986	53499	54685	54390	1.45	cps
Chlorine	35-1	311778	316854	307976	312203	1.43	cps
Chlorine	35-2	2200	2175	2200	2192	0.66	cps
Chromium	52-2	235505	234774	231164	233815	0.99	cps
Cobalt	59-2	405827	405540	404470	405279	0.18	cps
Copper	63-2	3209424	3138063	3076727	3141405	2.11	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	10	43	37	30	58.79	cps
Gadolinium	160-1	108	58	75	81	31.60	cps
Gadolinium	160-2	50	63	67	60	14.70	cps
Holmium	165-1	6093133	5943094	6055980	6030736	1.30	cps
Holmium	165-2	4185186	4205487	4067947	4152873	1.79	cps
Indium	115-1	6302399	6401503	6475086	6392996	1.36	cps
Indium	115-2	1334174	1340992	1333686	1336284	0.31	cps
Iron	54-2	506174	508688	492924	502595	1.69	cps
Iron	56-2	9160873	8827793	9107637	9032101	1.98	cps
Iron	57-2	225823	224305	224952	225026	0.34	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:23:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1100	1147	1102	3.94	cps
Lead	206-1	1332059	1303783	1346060	1327301	1.62	cps
Lead	207-1	1153828	1150453	1179339	1161207	1.36	cps
Lead	208-1	5350938	5340991	5411104	5367678	0.71	cps
Lithium	6-1	4196095	4212278	4232258	4213544	0.43	cps
Magnesium	24-2	1771871	1794223	1818248	1794781	1.29	cps
Manganese	55-2	1172875	1168698	1154557	1165377	0.82	cps
Molybdenum	94-1	2297022	2348929	2312958	2319637	1.15	cps
Molybdenum	95-1	3358239	3338907	3356371	3351172	0.32	cps
Molybdenum	96-1	3593863	3564103	3667769	3608578	1.48	cps
Molybdenum	97-1	2063333	1980645	2097201	2047059	2.93	cps
Molybdenum	98-1	5335618	5136157	5424929	5298901	2.79	cps
Neodymium	150-1	67	40	80	62	32.73	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	110542	109471	108123	109379	1.11	cps
Phosphorus	31-2	6693	6543	6168	6468	4.18	cps
Potassium	39-2	736904	734198	734359	735153	0.21	cps
Rhodium	103-1	6587745	6447858	6468055	6501220	1.16	cps
Rhodium	103-2	3722549	3825238	3827268	3791685	1.58	cps
Scandium	45-1	6096917	6300252	6036231	6144467	2.25	cps
Scandium	45-2	226546	231329	226367	228081	1.23	cps
Selenium	82-1	10756	10843	10788	10796	0.41	cps
Selenium	77-2	427	447	370	414	9.60	cps
Selenium	78-2	1479	1402	1443	1442	2.67	cps
Silicon	28-1	1469711	1486827	1514108	1490215	1.50	cps
Silver	107-1	664992	652550	686109	667884	2.54	cps
Silver	109-1	626593	635107	639739	633813	1.05	cps
Sodium	23-2	3489888	3386717	3422011	3432872	1.53	cps
Strontium	86-1	2189163	2231895	2245689	2222249	1.33	cps
Strontium	88-1	18429717	18475980	18601591	18502429	0.48	cps
Sulfur	34-1	522505	523731	519791	522009	0.39	cps
Terbium	159-1	6278983	6547434	6520762	6449060	2.29	cps
Terbium	159-2	3992183	4156767	4200600	4116517	2.67	cps
Thallium	203-1	328712	324920	324825	326152	0.68	cps
Thallium	205-1	789497	761934	790762	780731	2.09	cps
Tin	118-1	439792	442614	445717	442708	0.67	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:23:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1274771	1253310	1274940	1267674	0.98	cps
Uranium	238-1	887727	896813	928532	904358	2.37	cps
Vanadium	51-2	192237	192095	191497	191943	0.20	cps
Ytterbium	172-1	17	33	17	22	43.28	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1992	2292	1867	2050	10.66	cps
Ytterbium	176-2	5924	6013	6363	6100	3.81	cps
Yttrium	89-1	13783603	13701763	13701466	13728944	0.34	cps
Yttrium	89-2	1848904	1884507	1874194	1869202	0.98	cps
Zinc	66-2	331069	326809	324771	327550	0.98	cps
Zirconium	90-1	1133464	1111328	1125461	1123418	1.00	cps
Zirconium	91-1	249851	251132	249649	250211	0.32	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 11:26:34 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243108	240912	241499	241839	0.47	cps
Antimony	121-1	1016365	1028615	1027207	1024062	0.65	cps
Arsenic	75-2	41522	41948	41259	41576	0.84	cps
Barium	135-1	1287834	1295120	1314939	1299298	1.08	cps
Barium	137-1	2172062	2144221	2156935	2157739	0.65	cps
Beryllium	9-1	433100	429157	434895	432384	0.68	cps
Bismuth	209-1	3295827	3228535	3276028	3266797	1.06	cps
Bismuth	209-2	2732077	2801678	2836252	2790002	1.90	cps
Boron	10-1	37228	40153	41797	39726	5.83	cps
Boron	11-1	170908	185059	195101	183690	6.62	cps
Bromine	81-1	15725	15424	15595	15581	0.97	cps
Cadmium	111-1	265075	265529	262776	264460	0.56	cps
Cadmium	106-1	32698	32932	31169	32266	2.97	cps
Cadmium	108-1	20278	20699	21024	20667	1.81	cps
Calcium	43-1	493314	503052	506031	500799	1.33	cps
Calcium	44-1	8098425	7898582	8185521	8060843	1.83	cps
Carbon	12-1	5962971	5926888	6210684	6033514	2.56	cps
Carbon	12-2	58275	59547	60650	59491	2.00	cps
Chlorine	35-1	308899	306437	305522	306953	0.57	cps
Chlorine	35-2	2109	2434	2100	2214	8.59	cps
Chromium	52-2	465527	469125	464820	466491	0.49	cps
Cobalt	59-2	810697	817558	814921	814392	0.42	cps
Copper	63-2	6229924	6190986	6188553	6203154	0.37	cps
Dysprosium	156-1	67	50	42	53	24.12	cps
Dysprosium	156-2	40	33	43	39	13.09	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	57	30	27	38	43.52	cps
Gadolinium	160-1	100	92	50	81	33.26	cps
Gadolinium	160-2	80	100	103	94	13.36	cps
Holmium	165-1	6321889	6183771	6235683	6247114	1.12	cps
Holmium	165-2	4276270	4089670	4124082	4163340	2.39	cps
Indium	115-1	6443225	6427381	6568189	6479598	1.19	cps
Indium	115-2	1320271	1326288	1310373	1318977	0.61	cps
Iron	54-2	1006995	1020986	1019151	1015711	0.75	cps
Iron	56-2	18293309	17976000	18069357	18112889	0.90	cps
Iron	57-2	454265	447715	446020	449333	0.97	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:26:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1113	1143	1119	1.98	cps
Lead	206-1	2904970	2854198	2758139	2839102	2.63	cps
Lead	207-1	2453549	2511088	2432755	2465797	1.65	cps
Lead	208-1	11360734	11269267	11160101	11263367	0.89	cps
Lithium	6-1	4176658	4262505	4313242	4250802	1.62	cps
Magnesium	24-2	3628225	3554197	3573664	3585362	1.07	cps
Manganese	55-2	2369387	2336447	2383069	2362968	1.01	cps
Molybdenum	94-1	4688523	4762966	4744009	4731832	0.82	cps
Molybdenum	95-1	6879373	6732122	6950050	6853848	1.62	cps
Molybdenum	96-1	7584762	7320828	7677379	7527656	2.46	cps
Molybdenum	97-1	4170249	4092269	4228302	4163607	1.64	cps
Molybdenum	98-1	10458244	10340490	10710612	10503116	1.80	cps
Neodymium	150-1	93	87	93	91	4.23	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	221304	221960	216136	219800	1.45	cps
Phosphorus	31-2	13165	12614	12864	12881	2.14	cps
Potassium	39-2	1440331	1425151	1441715	1435732	0.64	cps
Rhodium	103-1	6399044	6366952	6334022	6366673	0.51	cps
Rhodium	103-2	3715233	3695332	3867682	3759416	2.51	cps
Scandium	45-1	6187623	6184536	6382201	6251453	1.81	cps
Scandium	45-2	225156	226616	228493	226755	0.74	cps
Selenium	82-1	21885	22076	21738	21900	0.77	cps
Selenium	77-2	843	830	790	821	3.38	cps
Selenium	78-2	2856	2807	2704	2789	2.78	cps
Silicon	28-1	2079246	2129246	2175352	2127948	2.26	cps
Silver	107-1	1363713	1434169	1381840	1393241	2.63	cps
Silver	109-1	1314220	1313581	1311735	1313179	0.10	cps
Sodium	23-2	6836462	6758611	6847172	6814082	0.71	cps
Strontium	86-1	4541608	4291426	4444666	4425900	2.85	cps
Strontium	88-1	38197225	37517252	38318414	38010964	1.14	cps
Sulfur	34-1	601804	607510	605275	604863	0.48	cps
Terbium	159-1	6635812	6834925	6874218	6781651	1.88	cps
Terbium	159-2	4148300	4119923	4160672	4142965	0.50	cps
Thallium	203-1	686616	684823	699724	690387	1.18	cps
Thallium	205-1	1643841	1677645	1629852	1650446	1.49	cps
Tin	118-1	882605	905574	908035	898738	1.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:26:34	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2610654	2587103	2660107	2619288	1.42	cps
Uranium	238-1	2039586	1985538	1999188	2008104	1.40	cps
Vanadium	51-2	386640	381446	385237	384441	0.70	cps
Ytterbium	172-1	50	50	8	36	66.62	cps
Ytterbium	172-2	22	11	0	11	100.00	cps
Ytterbium	176-1	3559	3876	3401	3612	6.70	cps
Ytterbium	176-2	6668	7319	7347	7111	5.40	cps
Yttrium	89-1	13663639	13774113	14065472	13834408	1.50	cps
Yttrium	89-2	1819813	1823690	1823219	1822241	0.12	cps
Zinc	66-2	644573	651148	652514	649412	0.65	cps
Zirconium	90-1	2280900	2302454	2400599	2327984	2.74	cps
Zirconium	91-1	510875	530324	523576	521592	1.89	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 11:29:37 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472398	470825	469337	470853	0.33	cps
Antimony	121-1	2027950	2061837	2067474	2052421	1.04	cps
Arsenic	75-2	82935	82978	82348	82754	0.43	cps
Barium	135-1	2528693	2597831	2573755	2566760	1.37	cps
Barium	137-1	4362939	4455515	4327760	4382071	1.51	cps
Beryllium	9-1	865238	867916	863969	865708	0.23	cps
Bismuth	209-1	3386807	3269677	3386749	3347744	2.02	cps
Bismuth	209-2	2778833	2849478	2811614	2813308	1.26	cps
Boron	10-1	76836	79733	84226	80265	4.64	cps
Boron	11-1	355938	374949	395922	375603	5.32	cps
Bromine	81-1	16427	15906	15986	16106	1.74	cps
Cadmium	111-1	527289	527286	541828	532134	1.58	cps
Cadmium	106-1	61245	63816	61941	62334	2.13	cps
Cadmium	108-1	41099	41521	41864	41494	0.92	cps
Calcium	43-1	1018204	1020044	1026040	1021429	0.40	cps
Calcium	44-1	15983032	16405113	15951104	16113083	1.57	cps
Carbon	12-1	6621742	6872554	7111304	6868533	3.56	cps
Carbon	12-2	66945	68301	70001	68415	2.24	cps
Chlorine	35-1	286313	279668	280193	282058	1.31	cps
Chlorine	35-2	1900	1675	1842	1806	6.47	cps
Chromium	52-2	926703	911068	908158	915310	1.09	cps
Cobalt	59-2	1641776	1591839	1614926	1616180	1.55	cps
Copper	63-2	12100661	11934950	11808681	11948097	1.23	cps
Dysprosium	156-1	100	125	83	103	20.40	cps
Dysprosium	156-2	93	53	53	67	34.64	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	47	40	40	42	9.12	cps
Gadolinium	160-1	75	117	125	106	25.38	cps
Gadolinium	160-2	113	87	113	104	14.74	cps
Holmium	165-1	6274734	6499096	6241435	6338421	2.21	cps
Holmium	165-2	4150995	4197304	4327898	4225399	2.17	cps
Indium	115-1	6768271	6665503	6725393	6719722	0.77	cps
Indium	115-2	1287413	1328747	1335375	1317179	1.97	cps
Iron	54-2	1991149	2024259	1967272	1994227	1.44	cps
Iron	56-2	35161263	35628176	34895742	35228393	1.05	cps
Iron	57-2	878174	884299	874787	879087	0.55	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:29:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1180	1103	1030	1105	6.79	cps
Lead	206-1	5861744	5766460	5940077	5856094	1.48	cps
Lead	207-1	5099339	5038174	5243124	5126879	2.05	cps
Lead	208-1	23249189	22942785	23802824	23331599	1.87	cps
Lithium	6-1	4389198	4418537	4233750	4347162	2.28	cps
Magnesium	24-2	6983408	7019330	6931220	6977986	0.63	cps
Manganese	55-2	4555588	4516028	4448251	4506622	1.20	cps
Molybdenum	94-1	9405227	9636249	9558541	9533339	1.23	cps
Molybdenum	95-1	13749724	13801343	14050074	13867047	1.16	cps
Molybdenum	96-1	15045414	14526439	15005108	14858987	1.94	cps
Molybdenum	97-1	8292625	8146317	8107326	8182089	1.19	cps
Molybdenum	98-1	21959099	21377609	21136921	21491210	1.97	cps
Neodymium	150-1	87	160	193	147	37.21	cps
Neodymium	150-2	17	23	33	24	34.31	cps
Nickel	60-2	420476	424264	424345	423028	0.52	cps
Phosphorus	31-2	25306	25782	24388	25159	2.82	cps
Potassium	39-2	2829027	2756173	2803002	2796067	1.32	cps
Rhodium	103-1	6478547	6621361	6564160	6554689	1.10	cps
Rhodium	103-2	3675362	3750168	3780798	3735443	1.45	cps
Scandium	45-1	6233601	6415561	6264702	6304621	1.54	cps
Scandium	45-2	215967	226337	227184	223163	2.80	cps
Selenium	82-1	43987	44350	44964	44433	1.11	cps
Selenium	77-2	1543	1650	1510	1568	4.66	cps
Selenium	78-2	5514	5291	5408	5404	2.07	cps
Silicon	28-1	3354439	3517671	3571585	3481232	3.25	cps
Silver	107-1	2690793	2821750	2819248	2777264	2.70	cps
Silver	109-1	2680783	2572092	2652969	2635281	2.14	cps
Sodium	23-2	13421708	13412483	13355292	13396494	0.27	cps
Strontium	86-1	8927719	8899701	8929878	8919100	0.19	cps
Strontium	88-1	74535791	76163214	77517854	76072286	1.96	cps
Sulfur	34-1	787674	786616	786670	786987	0.08	cps
Terbium	159-1	6756792	6866983	6626782	6750186	1.78	cps
Terbium	159-2	4125690	4193210	4233630	4184176	1.30	cps
Thallium	203-1	1403256	1412762	1409832	1408617	0.35	cps
Thallium	205-1	3406493	3331983	3435634	3391370	1.58	cps
Tin	118-1	1810831	1841580	1833034	1828482	0.87	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:29:37	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5108584	5092595	5116998	5106059	0.24	cps
Uranium	238-1	4014278	4017122	4139073	4056824	1.76	cps
Vanadium	51-2	759272	750147	755112	754844	0.61	cps
Ytterbium	172-1	33	58	8	33	75.01	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	6810	6443	7085	6780	4.75	cps
Ytterbium	176-2	9170	9998	10037	9735	5.03	cps
Yttrium	89-1	13740890	14033301	14132000	13968730	1.46	cps
Yttrium	89-2	1831649	1799079	1865374	1832034	1.81	cps
Zinc	66-2	1283993	1288552	1276509	1283018	0.47	cps
Zirconium	90-1	4614712	4755111	4809909	4726578	2.13	cps
Zirconium	91-1	1033593	1081059	1069555	1061403	2.33	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 11:32:43 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	934003	915649	919233	922962	1.05	cps
Antimony	121-1	4151193	4339085	4297677	4262652	2.32	cps
Arsenic	75-2	162673	160593	160457	161241	0.77	cps
Barium	135-1	5266760	5539552	5393366	5399893	2.53	cps
Barium	137-1	8878282	9292319	9125588	9098730	2.29	cps
Beryllium	9-1	1670649	1717592	1747805	1712015	2.27	cps
Bismuth	209-1	3475540	3595817	3571328	3547562	1.79	cps
Bismuth	209-2	2742344	2871240	2797125	2803569	2.31	cps
Boron	10-1	157340	162754	171054	163716	4.22	cps
Boron	11-1	727087	774481	796635	766067	4.64	cps
Bromine	81-1	16818	15695	15515	16009	4.41	cps
Cadmium	111-1	1079324	1082600	1080429	1080784	0.15	cps
Cadmium	106-1	120149	120183	121904	120745	0.83	cps
Cadmium	108-1	81419	84203	85010	83544	2.26	cps
Calcium	43-1	2047000	2119403	2117797	2094733	1.97	cps
Calcium	44-1	31865429	32680231	32497690	32347784	1.32	cps
Carbon	12-1	7204897	7503547	7724311	7477585	3.49	cps
Carbon	12-2	76072	78628	79231	77977	2.15	cps
Chlorine	35-1	279232	277474	280155	278954	0.49	cps
Chlorine	35-2	1792	1650	1700	1714	4.19	cps
Chromium	52-2	1850139	1807562	1789633	1815778	1.71	cps
Cobalt	59-2	3129900	3119543	3101851	3117098	0.46	cps
Copper	63-2	23654755	23157171	23010122	23274016	1.45	cps
Dysprosium	156-1	275	208	183	222	21.32	cps
Dysprosium	156-2	83	120	153	119	29.45	cps
Erbium	164-1	83	100	92	92	9.09	cps
Erbium	164-2	67	70	50	62	17.22	cps
Gadolinium	160-1	217	242	192	217	11.54	cps
Gadolinium	160-2	180	137	137	151	16.55	cps
Holmium	165-1	6376008	6685816	6991482	6684435	4.60	cps
Holmium	165-2	4188973	4448240	4314155	4317123	3.00	cps
Indium	115-1	6429360	6557994	6694198	6560517	2.02	cps
Indium	115-2	1277713	1327082	1302235	1302343	1.90	cps
Iron	54-2	3926140	3856491	3814935	3865856	1.45	cps
Iron	56-2	69138054	66666982	68897558	68234198	2.00	cps
Iron	57-2	1741026	1737151	1730713	1736297	0.30	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:32:43	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1110	1183	1136	3.65	cps
Lead	206-1	12228641	12130058	11906902	12088534	1.36	cps
Lead	207-1	10445556	10134743	10324308	10301536	1.52	cps
Lead	208-1	48349372	47440542	47911908	47900607	0.95	cps
Lithium	6-1	4205893	4467762	4507722	4393792	3.73	cps
Magnesium	24-2	13827610	13546096	13249821	13541176	2.13	cps
Manganese	55-2	8790477	8749922	8580638	8707012	1.28	cps
Molybdenum	94-1	19100897	20076996	19805909	19661267	2.56	cps
Molybdenum	95-1	28020416	28959584	28604829	28528276	1.66	cps
Molybdenum	96-1	30064535	31060462	31610168	30911722	2.53	cps
Molybdenum	97-1	17101899	17723659	17437780	17421113	1.79	cps
Molybdenum	98-1	44457503	45762943	45135370	45118605	1.45	cps
Neodymium	150-1	273	220	273	256	12.05	cps
Neodymium	150-2	43	13	20	26	61.64	cps
Nickel	60-2	835327	822945	822866	827046	0.87	cps
Phosphorus	31-2	48206	46760	47788	47585	1.56	cps
Potassium	39-2	5410387	5213862	5347466	5323905	1.89	cps
Rhodium	103-1	6510451	6654377	6610886	6591904	1.12	cps
Rhodium	103-2	3652800	3883715	3577976	3704830	4.30	cps
Scandium	45-1	6327339	6510197	6455293	6430943	1.46	cps
Scandium	45-2	222480	229381	223944	225268	1.61	cps
Selenium	82-1	86959	88192	88542	87897	0.95	cps
Selenium	77-2	3224	3034	3057	3105	3.34	cps
Selenium	78-2	10699	10390	10344	10478	1.84	cps
Silicon	28-1	5609510	5755954	6056353	5807272	3.92	cps
Silver	107-1	5527556	5546043	5500824	5524808	0.41	cps
Silver	109-1	5187079	5409645	5288651	5295125	2.10	cps
Sodium	23-2	26488516	26468380	26421662	26459519	0.13	cps
Strontium	86-1	17724983	18349048	17996608	18023546	1.74	cps
Strontium	88-1	151279583	154295316	151657303	152410734	1.08	cps
Sulfur	34-1	956531	971452	945618	957867	1.35	cps
Terbium	159-1	6887726	6998280	7051916	6979307	1.20	cps
Terbium	159-2	4214633	4284288	4167990	4222304	1.39	cps
Thallium	203-1	2945120	3011551	3074729	3010467	2.15	cps
Thallium	205-1	6788998	7051325	6899699	6913341	1.90	cps
Tin	118-1	3680250	3657633	3731391	3689758	1.02	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:32:43	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10269371	10339942	10479379	10362897	1.03	cps
Uranium	238-1	8392558	8996610	8525790	8638320	3.67	cps
Vanadium	51-2	1511980	1455715	1491697	1486464	1.92	cps
Ytterbium	172-1	42	17	25	28	45.82	cps
Ytterbium	172-2	22	11	28	20	41.67	cps
Ytterbium	176-1	13557	14242	13299	13699	3.56	cps
Ytterbium	176-2	13296	14219	13496	13670	3.55	cps
Yttrium	89-1	13899735	14179236	14222393	14100455	1.24	cps
Yttrium	89-2	1818486	1867864	1800487	1828946	1.91	cps
Zinc	66-2	2507762	2500811	2448030	2485535	1.31	cps
Zirconium	90-1	9155907	9461111	9552335	9389784	2.21	cps
Zirconium	91-1	2111102	2191628	2139787	2147506	1.90	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:54:01	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4273831	4501480	4412516	4395943	2.61	cps
Antimony	121-1	2209	2375	2559	2381	7.35	cps
Arsenic	75-2	49	48	42	46	8.18	cps
Barium	135-1	1492	1433	1167	1364	12.70	cps
Barium	137-1	2517	2367	2359	2414	3.69	cps
Beryllium	9-1	168	136	162	155	10.95	cps
Bismuth	209-1	3170390	3204085	3127450	3167308	1.21	cps
Bismuth	209-2	2690970	2492170	2558937	2580692	3.92	cps
Boron	10-1	3900	3734	3944	3859	2.87	cps
Boron	11-1	17927	17629	18112	17889	1.36	cps
Bromine	81-1	16948	16256	14923	16043	6.41	cps
Cadmium	111-1	2303	2137	1963	2134	7.96	cps
Cadmium	106-1	3234	2967	2742	2981	8.26	cps
Cadmium	108-1	75	63	63	67	10.83	cps
Calcium	43-1	9087394	8775576	9142674	9001881	2.20	cps
Calcium	44-1	147296083	147606439	150253134	148385219	1.10	cps
Carbon	12-1	5292186	5180283	5387658	5286709	1.96	cps
Carbon	12-2	54853	55965	56116	55645	1.24	cps
Chlorine	35-1	210348	208673	205547	208190	1.17	cps
Chlorine	35-2	1575	1258	1317	1383	12.18	cps
Chromium	52-2	3637	3834	3741	3737	2.63	cps
Cobalt	59-2	3921	4391	3887	4066	6.92	cps
Copper	63-2	4681	4768	4591	4680	1.89	cps
Dysprosium	156-1	783	742	633	719	10.76	cps
Dysprosium	156-2	547	413	407	456	17.34	cps
Erbium	164-1	75	108	108	97	19.80	cps
Erbium	164-2	70	57	77	68	15.02	cps
Gadolinium	160-1	658	550	658	622	10.05	cps
Gadolinium	160-2	523	530	477	510	5.70	cps
Holmium	165-1	6543881	6268259	6430398	6414179	2.16	cps
Holmium	165-2	4334381	3953349	4269768	4185833	4.87	cps
Indium	115-1	6317829	6310771	6314242	6314281	0.06	cps
Indium	115-2	1311717	1212945	1254442	1259701	3.94	cps
Iron	54-2	17195143	17460997	17604682	17420274	1.19	cps
Iron	56-2	318692452	325848863	323431729	322657681	1.13	cps
Iron	57-2	7892490	8151888	8070483	8038287	1.65	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:54:01	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1050	1160	1096	5.24	cps
Lead	206-1	4990	5068	4757	4938	3.28	cps
Lead	207-1	4223	4417	4073	4238	4.08	cps
Lead	208-1	18911	19300	18950	19054	1.12	cps
Lithium	6-1	4177524	4402396	4323561	4301160	2.65	cps
Magnesium	24-2	62237014	65155197	63454643	63615618	2.30	cps
Manganese	55-2	4464	4397	4504	4455	1.21	cps
Molybdenum	94-1	3642	3667	3984	3765	5.06	cps
Molybdenum	95-1	2725	3359	3267	3117	10.98	cps
Molybdenum	96-1	9137	9454	9462	9351	1.98	cps
Molybdenum	97-1	2167	2225	2184	2192	1.37	cps
Molybdenum	98-1	4518	4718	5034	4757	5.48	cps
Neodymium	150-1	67	33	27	42	50.76	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	1180	1143	1123	1149	2.50	cps
Phosphorus	31-2	367	308	317	331	9.54	cps
Potassium	39-2	25012782	26061364	25752904	25609017	2.10	cps
Rhodium	103-1	6241254	6113742	5947309	6100768	2.42	cps
Rhodium	103-2	3575000	3341636	3528460	3481699	3.55	cps
Scandium	45-1	6372685	6298933	6202290	6291303	1.36	cps
Scandium	45-2	225738	210435	217083	217752	3.52	cps
Selenium	82-1	150	133	43	109	53.16	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	62	59	74	65	12.21	cps
Silicon	28-1	1149977	1233541	1268712	1217410	5.01	cps
Silver	107-1	858	792	758	803	6.34	cps
Silver	109-1	808	842	692	781	10.09	cps
Sodium	23-2	123018424	124581574	124442153	124014050	0.70	cps
Strontium	86-1	11772	11497	12398	11889	3.88	cps
Strontium	88-1	88257	86921	86895	87358	0.89	cps
Sulfur	34-1	414778	403481	402832	407031	1.65	cps
Terbium	159-1	6821307	6891280	6930174	6880921	0.80	cps
Terbium	159-2	4264543	4095963	4127004	4162503	2.16	cps
Thallium	203-1	375	400	292	356	15.95	cps
Thallium	205-1	800	1017	858	892	12.57	cps
Tin	118-1	1333	1725	1375	1478	14.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 11:54:01	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	983	1258	1442	1228	18.79	cps
Uranium	238-1	383	408	525	439	17.23	cps
Vanadium	51-2	307	267	237	270	13.01	cps
Ytterbium	172-1	42	75	50	56	31.22	cps
Ytterbium	172-2	33	44	33	37	17.33	cps
Ytterbium	176-1	533	825	592	650	23.74	cps
Ytterbium	176-2	5312	4968	5329	5203	3.92	cps
Yttrium	89-1	13493181	14151259	13815822	13820087	2.38	cps
Yttrium	89-2	1856363	1733430	1795083	1794959	3.42	cps
Zinc	66-2	3220	3227	3147	3198	1.39	cps
Zirconium	90-1	4676	4618	4576	4623	1.09	cps
Zirconium	91-1	917	1058	950	975	7.60	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICV082	Instrumnet Name :	P8
Client Sample ID :	ICV082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:09:44	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25159	25309	24822	25096	0.99	cps
Antimony	121-1	785801	788886	787638	787442	0.20	cps
Arsenic	75-2	34183	34285	33802	34090	0.75	cps
Barium	135-1	98014	101255	103336	100868	2.66	cps
Barium	137-1	171271	169950	176636	172619	2.05	cps
Beryllium	9-1	170018	170051	173281	171117	1.10	cps
Bismuth	209-1	3267155	3370878	3286309	3308114	1.67	cps
Bismuth	209-2	2950558	2818354	2874461	2881125	2.30	cps
Boron	10-1	32039	36223	36642	34968	7.28	cps
Boron	11-1	147321	163063	172919	161101	8.01	cps
Bromine	81-1	17158	17158	17208	17175	0.17	cps
Cadmium	111-1	108486	107436	108000	107974	0.49	cps
Cadmium	106-1	17370	17996	17094	17487	2.64	cps
Cadmium	108-1	9095	9553	9141	9263	2.73	cps
Calcium	43-1	39689	39846	41105	40213	1.93	cps
Calcium	44-1	667250	670371	679075	672232	0.91	cps
Carbon	12-1	5679996	5684177	5909692	5757955	2.28	cps
Carbon	12-2	56342	56827	58208	57126	1.69	cps
Chlorine	35-1	221751	220903	219483	220712	0.52	cps
Chlorine	35-2	1567	1608	1408	1528	6.91	cps
Chromium	52-2	192549	190671	192583	191934	0.57	cps
Cobalt	59-2	334819	333605	333855	334093	0.19	cps
Copper	63-2	265504	262672	261147	263108	0.84	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	67	58	61	7.87	cps
Erbium	164-2	23	23	20	22	8.65	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	70	80	87	79	10.64	cps
Holmium	165-1	6247386	6228285	6198259	6224643	0.40	cps
Holmium	165-2	4471644	4158772	4200850	4277089	3.97	cps
Indium	115-1	6589322	6629659	6444907	6554629	1.48	cps
Indium	115-2	1408924	1361846	1337948	1369572	2.64	cps
Iron	54-2	164005	163964	161524	163164	0.87	cps
Iron	56-2	2959404	2950923	2920539	2943622	0.69	cps
Iron	57-2	72785	71372	70557	71571	1.58	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICV082	Instrumnet Name :	P8
Client Sample ID :	ICV082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:09:44	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1160	1163	1050	1125	5.74	cps
Lead	206-1	442708	452607	451918	449078	1.23	cps
Lead	207-1	364194	377768	377727	373230	2.10	cps
Lead	208-1	1716560	1770669	1783526	1756918	2.02	cps
Lithium	6-1	4337813	4325721	4245049	4302861	1.17	cps
Magnesium	24-2	165726	169479	168930	168045	1.21	cps
Manganese	55-2	97893	97044	97178	97372	0.47	cps
Molybdenum	94-1	2338989	2334241	2447458	2373563	2.70	cps
Molybdenum	95-1	2856313	2920192	2926088	2900865	1.33	cps
Molybdenum	96-1	3185828	3226490	3318491	3243603	2.10	cps
Molybdenum	97-1	1804077	1767139	1821086	1797434	1.53	cps
Molybdenum	98-1	4650653	4661391	4620634	4644226	0.45	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	96095	96545	95619	96086	0.48	cps
Phosphorus	31-2	242	383	250	292	27.26	cps
Potassium	39-2	252608	247607	250246	250153	1.00	cps
Rhodium	103-1	6771089	6824405	6720649	6772048	0.77	cps
Rhodium	103-2	4053527	3859088	3887058	3933224	2.67	cps
Scandium	45-1	6514463	6321135	6109057	6314885	3.21	cps
Scandium	45-2	242082	237898	233420	237800	1.82	cps
Selenium	82-1	17517	17787	17886	17730	1.08	cps
Selenium	77-2	717	713	710	713	0.47	cps
Selenium	78-2	2291	2359	2485	2379	4.14	cps
Silicon	28-1	1780845	1813099	1861831	1818592	2.24	cps
Silver	107-1	257606	264505	271936	264682	2.71	cps
Silver	109-1	246944	250190	254007	250380	1.41	cps
Sodium	23-2	588209	585000	584359	585856	0.35	cps
Strontium	86-1	404231	413188	415595	411004	1.46	cps
Strontium	88-1	3470338	3465145	3441709	3459064	0.44	cps
Sulfur	34-1	423826	427075	424149	425017	0.42	cps
Terbium	159-1	6535231	6589248	6557153	6560544	0.41	cps
Terbium	159-2	4369947	4153446	4294270	4272554	2.57	cps
Thallium	203-1	532750	555985	565893	551542	3.08	cps
Thallium	205-1	1281577	1284148	1316927	1294217	1.52	cps
Tin	118-1	815847	843486	839494	832942	1.79	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICV082	Instrumnet Name :	P8
Client Sample ID :	ICV082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:09:44	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1119176	1135164	1134200	1129513	0.79	cps
Uranium	238-1	1857041	1872316	1870754	1866704	0.45	cps
Vanadium	51-2	152867	156067	154157	154364	1.04	cps
Ytterbium	172-1	25	17	42	28	45.82	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	3501	3617	3442	3520	2.53	cps
Ytterbium	176-2	6946	7502	7597	7348	4.78	cps
Yttrium	89-1	14562418	13981691	13947431	14163847	2.44	cps
Yttrium	89-2	1980648	1874678	1889798	1915041	2.99	cps
Zinc	66-2	55505	53788	54575	54623	1.57	cps
Zirconium	90-1	2127059	2114368	2124013	2121814	0.31	cps
Zirconium	91-1	450400	466826	460227	459151	1.80	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : ICB082 Instrumnet Name : P8
 Client Sample ID : ICB082 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:16:05 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156	149	160	155	3.70	cps
Antimony	121-1	292	367	258	306	18.16	cps
Arsenic	75-2	8	9	11	9	16.37	cps
Barium	135-1	50	50	42	47	10.18	cps
Barium	137-1	58	25	42	42	40.00	cps
Beryllium	9-1	108	120	120	116	5.97	cps
Bismuth	209-1	3201485	3284100	3198175	3227920	1.51	cps
Bismuth	209-2	2787210	2834297	2808143	2809883	0.84	cps
Boron	10-1	2630	2598	2436	2554	4.07	cps
Boron	11-1	11786	11444	10958	11396	3.65	cps
Bromine	81-1	16467	17178	16667	16771	2.19	cps
Cadmium	111-1	1894	2341	2191	2142	10.62	cps
Cadmium	106-1	2692	3334	3117	3048	10.71	cps
Cadmium	108-1	46	25	17	29	51.50	cps
Calcium	43-1	302	272	300	292	5.71	cps
Calcium	44-1	29330	29806	29490	29542	0.82	cps
Carbon	12-1	5152333	5222402	5153545	5176094	0.77	cps
Carbon	12-2	50429	49953	49626	50003	0.81	cps
Chlorine	35-1	200063	202354	206088	202835	1.50	cps
Chlorine	35-2	1408	1342	1567	1439	8.03	cps
Chromium	52-2	863	937	1053	951	10.07	cps
Cobalt	59-2	107	113	97	106	7.95	cps
Copper	63-2	667	573	560	600	9.69	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	10	30	30	23	49.49	cps
Gadolinium	160-1	67	17	33	39	65.47	cps
Gadolinium	160-2	80	80	83	81	2.37	cps
Holmium	165-1	6089877	6352620	6204318	6215605	2.12	cps
Holmium	165-2	4213559	4294353	4049364	4185759	2.98	cps
Indium	115-1	6573191	6727921	6536114	6612409	1.54	cps
Indium	115-2	1367166	1366995	1350276	1361479	0.71	cps
Iron	54-2	456	511	467	478	6.15	cps
Iron	56-2	4051	3834	3773	3886	3.76	cps
Iron	57-2	306	211	256	257	18.35	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICB082	Instrumnet Name :	P8
Client Sample ID :	ICB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:16:05	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	1237	1143	1129	10.25	cps
Lead	206-1	478	461	544	494	8.92	cps
Lead	207-1	400	306	344	350	13.56	cps
Lead	208-1	1761	1795	1745	1767	1.44	cps
Lithium	6-1	4251069	4380100	4431808	4354326	2.14	cps
Magnesium	24-2	725	725	592	681	11.31	cps
Manganese	55-2	73	77	70	73	4.55	cps
Molybdenum	94-1	425	367	517	436	17.34	cps
Molybdenum	95-1	283	392	208	294	31.30	cps
Molybdenum	96-1	342	383	400	375	8.01	cps
Molybdenum	97-1	142	183	108	144	26.01	cps
Molybdenum	98-1	533	417	392	447	16.91	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	113	73	87	91	22.36	cps
Phosphorus	31-2	283	275	267	275	3.03	cps
Potassium	39-2	21809	21734	21466	21670	0.83	cps
Rhodium	103-1	6502098	6727153	6537938	6589063	1.84	cps
Rhodium	103-2	3881510	3966083	3819287	3888960	1.89	cps
Scandium	45-1	6117239	6475840	6427378	6340153	3.07	cps
Scandium	45-2	236409	235653	233065	235042	0.75	cps
Selenium	82-1	131	-75	-29	9	1214.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	77	76	69	19.77	cps
Silicon	28-1	833291	849435	837960	840229	0.99	cps
Silver	107-1	267	300	375	314	17.68	cps
Silver	109-1	208	133	183	175	21.82	cps
Sodium	23-2	17336	16184	16001	16507	4.38	cps
Strontium	86-1	1817	1700	1984	1834	7.77	cps
Strontium	88-1	517	433	567	506	13.32	cps
Sulfur	34-1	429606	424817	422398	425607	0.86	cps
Terbium	159-1	6362973	6763464	6507017	6544485	3.10	cps
Terbium	159-2	4126985	4219633	4036637	4127752	2.22	cps
Thallium	203-1	192	275	267	244	18.78	cps
Thallium	205-1	533	633	525	564	10.69	cps
Tin	118-1	500	433	467	467	7.14	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICB082	Instrumnet Name :	P8
Client Sample ID :	ICB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:16:05	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	333	325	314	8.53	cps
Uranium	238-1	75	67	50	64	19.92	cps
Vanadium	51-2	23	13	13	17	34.65	cps
Ytterbium	172-1	50	42	8	33	66.15	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	458	575	692	575	20.29	cps
Ytterbium	176-2	5140	5990	5707	5612	7.71	cps
Yttrium	89-1	13773636	13605827	13815444	13731636	0.81	cps
Yttrium	89-2	1911335	1915599	1876609	1901181	1.12	cps
Zinc	66-2	93	97	153	114	29.47	cps
Zirconium	90-1	792	950	733	825	13.59	cps
Zirconium	91-1	242	183	117	181	34.64	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : ICSA082 Instrumnet Name : P8
 Client Sample ID : ICSA082 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:19:11 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4655686	4639762	4629702	4641717	0.28	cps
Antimony	121-1	5143	5309	5034	5162	2.68	cps
Arsenic	75-2	66	74	51	64	18.34	cps
Barium	135-1	1308	1400	1475	1395	5.99	cps
Barium	137-1	2309	2475	2825	2536	10.40	cps
Beryllium	9-1	560	560	708	609	14.02	cps
Bismuth	209-1	3345490	3397205	3380377	3374357	0.78	cps
Bismuth	209-2	2738365	2692033	2767617	2732671	1.39	cps
Boron	10-1	2336	2314	2342	2330	0.63	cps
Boron	11-1	10692	10508	10726	10642	1.10	cps
Bromine	81-1	17670	17790	16327	17262	4.71	cps
Cadmium	111-1	2748	2632	2807	2729	3.26	cps
Cadmium	106-1	3342	3301	3267	3303	1.14	cps
Cadmium	108-1	1042	975	871	963	8.95	cps
Calcium	43-1	2012857	2012228	2037489	2020858	0.71	cps
Calcium	44-1	31787513	31926294	32088372	31934060	0.47	cps
Carbon	12-1	22246984	22530447	22287248	22354893	0.69	cps
Carbon	12-2	216373	225063	218265	219900	2.08	cps
Chlorine	35-1	7384179	9326670	11233297	9314715	20.66	cps
Chlorine	35-2	107810	124164	130208	120727	9.60	cps
Chromium	52-2	38047	38766	37516	38110	1.65	cps
Cobalt	59-2	3891	3914	3991	3932	1.33	cps
Copper	63-2	18335	19353	18449	18712	2.98	cps
Dysprosium	156-1	8	75	8	31	125.98	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	33	50	37	40	22.05	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	57	77	80	71	17.74	cps
Holmium	165-1	6453713	6499186	6568552	6507151	0.89	cps
Holmium	165-2	4361276	4341659	4410170	4371035	0.81	cps
Indium	115-1	6719263	6793950	6788385	6767199	0.61	cps
Indium	115-2	1299943	1314973	1340737	1318551	1.56	cps
Iron	54-2	7893276	8010196	7887081	7930184	0.87	cps
Iron	56-2	144434848	144583053	143270042	144095981	0.50	cps
Iron	57-2	3558830	3628256	3661953	3616346	1.45	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSA082	Instrumnet Name :	P8
Client Sample ID :	ICSA082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:19:11	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1073	1090	1112	4.82	cps
Lead	206-1	10738	10382	11061	10727	3.16	cps
Lead	207-1	8325	8686	8725	8579	2.57	cps
Lead	208-1	40181	40314	40920	40472	0.97	cps
Lithium	6-1	4409564	4472290	4411432	4431095	0.81	cps
Magnesium	24-2	13521345	13825312	13546372	13631010	1.24	cps
Manganese	55-2	7189	6812	7135	7045	2.89	cps
Molybdenum	94-1	2872655	2974816	2972188	2939887	1.98	cps
Molybdenum	95-1	4926494	5111411	5091031	5042979	2.01	cps
Molybdenum	96-1	5291601	5551242	5344284	5395709	2.54	cps
Molybdenum	97-1	3060187	3139527	3044661	3081458	1.65	cps
Molybdenum	98-1	7682078	7934918	7976438	7864478	2.03	cps
Neodymium	150-1	33	27	20	27	24.99	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	4931	4921	4744	4865	2.16	cps
Phosphorus	31-2	255185	249632	253406	252741	1.12	cps
Potassium	39-2	11124196	11146035	11082036	11117422	0.29	cps
Rhodium	103-1	6274373	6691467	6496672	6487504	3.22	cps
Rhodium	103-2	3713763	3737444	3791825	3747677	1.07	cps
Scandium	45-1	6309950	6387028	6758696	6485225	3.70	cps
Scandium	45-2	226060	229136	230204	228467	0.94	cps
Selenium	82-1	-57	42	-30	-15	-339.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	77	69	56	67	15.74	cps
Silicon	28-1	894256	899021	879952	891076	1.11	cps
Silver	107-1	592	567	425	528	17.03	cps
Silver	109-1	500	442	500	481	7.01	cps
Sodium	23-2	27297074	27956371	27742233	27665226	1.22	cps
Strontium	86-1	63395	65396	67446	65412	3.10	cps
Strontium	88-1	549110	527674	535745	537510	2.01	cps
Sulfur	34-1	3050425	3135630	3120667	3102241	1.47	cps
Terbium	159-1	6943194	6917554	7089704	6983484	1.33	cps
Terbium	159-2	4185673	4281295	4286241	4251070	1.33	cps
Thallium	203-1	325	308	383	339	11.62	cps
Thallium	205-1	733	917	908	853	12.14	cps
Tin	118-1	742	1033	983	920	16.96	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSA082	Instrumnet Name :	P8
Client Sample ID :	ICSA082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:19:11	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1907571	1886729	1939523	1911274	1.39	cps
Uranium	238-1	225	92	325	214	54.73	cps
Vanadium	51-2	237	260	283	260	8.97	cps
Ytterbium	172-1	33	67	33	44	43.31	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	700	783	700	728	6.61	cps
Ytterbium	176-2	5207	5662	5762	5544	5.34	cps
Yttrium	89-1	14392800	14158775	13938369	14163315	1.60	cps
Yttrium	89-2	1852488	1878294	1881653	1870812	0.85	cps
Zinc	66-2	2890	2940	3087	2973	3.44	cps
Zirconium	90-1	1067	1125	1067	1086	3.10	cps
Zirconium	91-1	225	217	217	219	2.19	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : ICSAB082 Instrumnet Name : P8
 Client Sample ID : ICSAB082 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:28:13 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4613537	4620665	4637099	4623767	0.26	cps
Antimony	121-1	87665	87203	89149	88006	1.16	cps
Arsenic	75-2	3416	3453	3403	3424	0.76	cps
Barium	135-1	21776	22970	22970	22572	3.05	cps
Barium	137-1	38890	39651	39291	39277	0.97	cps
Beryllium	9-1	36215	36452	36949	36538	1.02	cps
Bismuth	209-1	3292641	3525418	3532317	3450125	3.95	cps
Bismuth	209-2	2784174	2678265	2721270	2727903	1.95	cps
Boron	10-1	11214	11012	11646	11291	2.87	cps
Boron	11-1	49948	50789	53051	51263	3.13	cps
Bromine	81-1	17439	18662	17359	17820	4.10	cps
Cadmium	111-1	23435	23981	24237	23884	1.71	cps
Cadmium	106-1	5893	6385	6168	6149	4.01	cps
Cadmium	108-1	2742	2609	2659	2670	2.52	cps
Calcium	43-1	1994514	1978941	2005184	1992880	0.66	cps
Calcium	44-1	31840384	31880264	31862383	31861010	0.06	cps
Carbon	12-1	21851267	22942798	22766764	22520276	2.60	cps
Carbon	12-2	219550	221962	220593	220702	0.55	cps
Chlorine	35-1	10871396	13395745	15872261	13379801	18.69	cps
Chlorine	35-2	135582	145021	151225	143943	5.47	cps
Chromium	52-2	76115	74228	75776	75373	1.33	cps
Cobalt	59-2	68500	68085	69569	68718	1.11	cps
Copper	63-2	67540	65992	67198	66910	1.21	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	13	17	0	10	88.20	cps
Erbium	164-1	75	108	75	86	22.35	cps
Erbium	164-2	20	27	23	23	14.29	cps
Gadolinium	160-1	67	100	42	69	42.14	cps
Gadolinium	160-2	93	90	97	93	3.57	cps
Holmium	165-1	6387982	6700901	6437615	6508833	2.58	cps
Holmium	165-2	4262157	4235835	4270765	4256253	0.43	cps
Indium	115-1	6685781	6832878	6656847	6725169	1.40	cps
Indium	115-2	1312026	1325801	1295202	1311009	1.17	cps
Iron	54-2	7871922	7845541	7951336	7889600	0.70	cps
Iron	56-2	146498703	143995348	144108259	144867437	0.98	cps
Iron	57-2	3669023	3608034	3593893	3623650	1.10	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSAB082	Instrumnet Name :	P8
Client Sample ID :	ICSAB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:28:13	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1160	1133	1183	1159	2.16	cps
Lead	206-1	56641	55832	56958	56477	1.03	cps
Lead	207-1	47053	46975	47231	47086	0.28	cps
Lead	208-1	213093	218291	219551	216978	1.58	cps
Lithium	6-1	4424463	4502756	4625578	4517599	2.24	cps
Magnesium	24-2	13789077	13537523	13419378	13581993	1.39	cps
Manganese	55-2	25733	24999	25576	25436	1.52	cps
Molybdenum	94-1	3078061	3100523	3144889	3107824	1.09	cps
Molybdenum	95-1	5089904	5123527	5042265	5085232	0.80	cps
Molybdenum	96-1	5604622	5590025	5519036	5571228	0.82	cps
Molybdenum	97-1	3168898	3191722	3200301	3186973	0.51	cps
Molybdenum	98-1	8279829	8185759	8127167	8197585	0.94	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	21844	21793	21463	21700	0.95	cps
Phosphorus	31-2	250311	245558	254789	250219	1.84	cps
Potassium	39-2	11246774	10920959	10913523	11027085	1.73	cps
Rhodium	103-1	6654993	6839757	6550758	6681836	2.19	cps
Rhodium	103-2	3743693	3717193	3723179	3728022	0.37	cps
Scandium	45-1	6376503	6703076	6700634	6593404	2.85	cps
Scandium	45-2	228530	230230	223740	227500	1.48	cps
Selenium	82-1	1802	1820	1702	1774	3.56	cps
Selenium	77-2	57	53	57	56	3.47	cps
Selenium	78-2	274	294	264	277	5.51	cps
Silicon	28-1	1104868	1121828	1122266	1116321	0.89	cps
Silver	107-1	103523	103252	108788	105188	2.97	cps
Silver	109-1	103228	102181	99536	101648	1.87	cps
Sodium	23-2	27628564	28044041	27564124	27745576	0.94	cps
Strontium	86-1	155442	161909	161539	159630	2.27	cps
Strontium	88-1	1345778	1331040	1351060	1342626	0.77	cps
Sulfur	34-1	3076135	3087156	3106631	3089974	0.50	cps
Terbium	159-1	6773129	7180910	6904589	6952876	2.99	cps
Terbium	159-2	4192005	4254543	4144595	4197048	1.31	cps
Thallium	203-1	54767	55444	56299	55503	1.38	cps
Thallium	205-1	132444	135247	131996	133229	1.32	cps
Tin	118-1	198048	201533	198581	199387	0.94	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	ICSAB082	Instrumnet Name :	P8
Client Sample ID :	ICSAB082	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:28:13	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1987138	1967794	2011702	1988878	1.11	cps
Uranium	238-1	407591	399713	413138	406814	1.66	cps
Vanadium	51-2	30526	30599	30843	30656	0.54	cps
Ytterbium	172-1	25	25	25	25	0.00	cps
Ytterbium	172-2	6	22	6	11	86.55	cps
Ytterbium	176-1	1375	1017	1292	1228	15.27	cps
Ytterbium	176-2	5435	5896	6268	5866	7.12	cps
Yttrium	89-1	14234711	14471055	14125849	14277205	1.24	cps
Yttrium	89-2	1857368	1848682	1834506	1846852	0.62	cps
Zinc	66-2	7946	8019	7822	7929	1.25	cps
Zirconium	90-1	482631	484627	478838	482032	0.61	cps
Zirconium	91-1	106640	106172	107422	106745	0.59	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCV059 Instrumnet Name : P8
 Client Sample ID : CCV059 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:35:23 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2332079	2368203	2273845	2324709	2.05	cps
Antimony	121-1	2051936	2034460	2062127	2049508	0.68	cps
Arsenic	75-2	83542	83095	81825	82821	1.08	cps
Barium	135-1	2628481	2617552	2620942	2622325	0.21	cps
Barium	137-1	4415805	4421753	4350239	4395932	0.90	cps
Beryllium	9-1	866403	865165	875787	869118	0.67	cps
Bismuth	209-1	3400547	3381921	3260979	3347816	2.26	cps
Bismuth	209-2	2653271	2775899	2686402	2705191	2.34	cps
Boron	10-1	84565	87463	90047	87358	3.14	cps
Boron	11-1	381238	401300	415417	399318	4.30	cps
Bromine	81-1	17669	16256	17419	17115	4.40	cps
Cadmium	111-1	545348	548470	541183	545000	0.67	cps
Cadmium	106-1	62936	64259	62166	63121	1.68	cps
Cadmium	108-1	43113	42804	43368	43095	0.66	cps
Calcium	43-1	4948575	4819886	4668335	4812265	2.91	cps
Calcium	44-1	78156661	76455313	74336503	76316159	2.51	cps
Carbon	12-1	6621612	6965065	7066614	6884430	3.39	cps
Carbon	12-2	70570	73627	71122	71773	2.27	cps
Chlorine	35-1	2325158	2285445	2185459	2265354	3.18	cps
Chlorine	35-2	14174	13757	13398	13776	2.82	cps
Chromium	52-2	918190	895002	905285	906159	1.28	cps
Cobalt	59-2	1717008	1645008	1655899	1672638	2.32	cps
Copper	63-2	12213272	11937435	11976147	12042285	1.24	cps
Dysprosium	156-1	475	458	517	483	6.22	cps
Dysprosium	156-2	280	270	250	267	5.73	cps
Erbium	164-1	125	83	133	114	23.52	cps
Erbium	164-2	60	77	77	71	13.53	cps
Gadolinium	160-1	408	375	408	397	4.84	cps
Gadolinium	160-2	347	307	330	328	6.13	cps
Holmium	165-1	6746139	6473013	6522031	6580394	2.21	cps
Holmium	165-2	4180476	4437490	4211508	4276491	3.28	cps
Indium	115-1	6559152	6594082	6591987	6581741	0.30	cps
Indium	115-2	1264531	1305366	1320834	1296910	2.24	cps
Iron	54-2	9457637	9319891	9386867	9388132	0.73	cps
Iron	56-2	171978148	169242654	165781876	169000893	1.84	cps
Iron	57-2	4341787	4191623	4245411	4259607	1.79	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P8
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:35:23	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	1057	1080	1044	4.12	cps
Lead	206-1	5819299	5757181	5609873	5728784	1.88	cps
Lead	207-1	5043656	5060966	4932153	5012258	1.39	cps
Lead	208-1	23012788	22925585	22215575	22717982	1.92	cps
Lithium	6-1	4567318	4521682	4595603	4561534	0.82	cps
Magnesium	24-2	32970618	33526153	32546044	33014272	1.49	cps
Manganese	55-2	4723734	4648137	4632338	4668070	1.05	cps
Molybdenum	94-1	9415375	9569373	9626117	9536955	1.14	cps
Molybdenum	95-1	13520261	13730326	13585299	13611962	0.79	cps
Molybdenum	96-1	14927087	14950983	14806590	14894887	0.52	cps
Molybdenum	97-1	8243984	8289696	8296066	8276582	0.34	cps
Molybdenum	98-1	22024985	21757591	21598627	21793734	0.99	cps
Neodymium	150-1	200	200	260	220	15.75	cps
Neodymium	150-2	50	60	47	52	13.28	cps
Nickel	60-2	429192	422432	419547	423724	1.17	cps
Phosphorus	31-2	25907	25072	24404	25128	3.00	cps
Potassium	39-2	13555604	13646040	13257859	13486501	1.51	cps
Rhodium	103-1	6489621	6383606	6388296	6420507	0.93	cps
Rhodium	103-2	3575385	3667783	3687946	3643705	1.65	cps
Scandium	45-1	6463307	6419505	6289726	6390846	1.41	cps
Scandium	45-2	223513	227534	226238	225761	0.91	cps
Selenium	82-1	46294	46516	46412	46408	0.24	cps
Selenium	77-2	1630	1677	1880	1729	7.69	cps
Selenium	78-2	5744	5679	5755	5726	0.72	cps
Silicon	28-1	3660011	3867630	3972184	3833275	4.15	cps
Silver	107-1	2616197	2679974	2593695	2629955	1.70	cps
Silver	109-1	2569993	2557500	2510169	2545887	1.24	cps
Sodium	23-2	65128320	66057595	64540187	65242034	1.17	cps
Strontium	86-1	8811231	8845890	8583636	8746919	1.63	cps
Strontium	88-1	75834964	75843323	74376583	75351623	1.12	cps
Sulfur	34-1	764554	761819	757893	761422	0.44	cps
Terbium	159-1	7147021	6966820	6951389	7021743	1.55	cps
Terbium	159-2	4216257	4317938	4228666	4254287	1.30	cps
Thallium	203-1	1396597	1383502	1386294	1388798	0.50	cps
Thallium	205-1	3475331	3310218	3323572	3369707	2.72	cps
Tin	118-1	1773673	1809318	1788793	1790594	1.00	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV059	Instrumnet Name :	P8
Client Sample ID :	CCV059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:35:23	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4928301	5075835	4964968	4989701	1.54	cps
Uranium	238-1	4182941	4201012	4137764	4173906	0.78	cps
Vanadium	51-2	753246	755593	745890	751576	0.67	cps
Ytterbium	172-1	67	50	58	58	14.29	cps
Ytterbium	172-2	33	17	39	30	39.02	cps
Ytterbium	176-1	6735	6685	7361	6927	5.43	cps
Ytterbium	176-2	9559	9737	9542	9613	1.12	cps
Yttrium	89-1	14420431	13985539	14358261	14254744	1.65	cps
Yttrium	89-2	1818514	1884945	1866936	1856798	1.85	cps
Zinc	66-2	1264080	1241149	1246678	1250635	0.96	cps
Zirconium	90-1	4683383	4754351	4630075	4689270	1.33	cps
Zirconium	91-1	1054515	1055447	1060956	1056973	0.33	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P8
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:45:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	314	324	312	3.81	cps
Antimony	121-1	300	350	342	331	8.10	cps
Arsenic	75-2	3	9	10	7	51.63	cps
Barium	135-1	42	67	33	47	36.74	cps
Barium	137-1	167	58	58	94	66.22	cps
Beryllium	9-1	126	128	126	127	0.91	cps
Bismuth	209-1	3334858	3373087	3211512	3306486	2.55	cps
Bismuth	209-2	2794595	2785929	2781159	2787227	0.24	cps
Boron	10-1	3120	3224	3164	3169	1.65	cps
Boron	11-1	14488	14444	14146	14360	1.30	cps
Bromine	81-1	16757	16757	15615	16377	4.03	cps
Cadmium	111-1	2128	2096	2138	2121	1.04	cps
Cadmium	106-1	2992	2942	3042	2992	1.67	cps
Cadmium	108-1	29	25	29	28	8.67	cps
Calcium	43-1	704	617	674	665	6.58	cps
Calcium	44-1	36241	35896	35305	35814	1.32	cps
Carbon	12-1	4849372	4786136	4795076	4810195	0.71	cps
Carbon	12-2	44067	44234	43289	43863	1.15	cps
Chlorine	35-1	908795	913070	888863	903576	1.43	cps
Chlorine	35-2	5810	5159	5651	5540	6.12	cps
Chromium	52-2	983	893	840	906	8.00	cps
Cobalt	59-2	90	47	83	73	31.81	cps
Copper	63-2	817	737	717	757	6.99	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	33	25	42	52.92	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	107	50	60	72	41.88	cps
Holmium	165-1	6169355	6334569	6176120	6226681	1.50	cps
Holmium	165-2	4108622	4167269	4196990	4157627	1.08	cps
Indium	115-1	6487612	6615422	6206442	6436492	3.25	cps
Indium	115-2	1329245	1338697	1312003	1326648	1.02	cps
Iron	54-2	1183	1100	1089	1124	4.59	cps
Iron	56-2	15281	14613	14024	14639	4.30	cps
Iron	57-2	583	511	578	557	7.21	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P8
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:45:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1143	1227	1145	7.14	cps
Lead	206-1	506	522	422	483	11.08	cps
Lead	207-1	478	450	561	496	11.65	cps
Lead	208-1	2222	2145	2100	2156	2.87	cps
Lithium	6-1	4406935	4433540	4443734	4428069	0.43	cps
Magnesium	24-2	3267	2584	2750	2867	12.43	cps
Manganese	55-2	97	110	93	100	8.82	cps
Molybdenum	94-1	758	425	467	550	33.02	cps
Molybdenum	95-1	600	375	400	458	26.91	cps
Molybdenum	96-1	708	450	483	547	25.68	cps
Molybdenum	97-1	442	267	167	292	47.72	cps
Molybdenum	98-1	933	608	483	675	34.41	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	77	60	103	80	27.33	cps
Phosphorus	31-2	333	283	242	286	16.04	cps
Potassium	39-2	22101	22117	21400	21873	1.87	cps
Rhodium	103-1	6460233	6895863	6634232	6663443	3.29	cps
Rhodium	103-2	3838155	3805652	3817887	3820565	0.43	cps
Scandium	45-1	6124130	6399477	6013144	6178917	3.22	cps
Scandium	45-2	223072	224545	223391	223670	0.35	cps
Selenium	82-1	23	-101	-79	-52	-125.86	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	61	57	69	62	9.80	cps
Silicon	28-1	815844	823278	820402	819841	0.46	cps
Silver	107-1	225	108	250	194	38.89	cps
Silver	109-1	258	192	167	206	23.05	cps
Sodium	23-2	23503	22551	23386	23147	2.24	cps
Strontium	86-1	1750	1650	1792	1731	4.21	cps
Strontium	88-1	1967	942	1100	1336	41.30	cps
Sulfur	34-1	419456	417148	418329	418311	0.28	cps
Terbium	159-1	6467089	6836774	6586292	6630052	2.85	cps
Terbium	159-2	4092040	4146384	4138628	4125684	0.71	cps
Thallium	203-1	383	375	350	369	4.69	cps
Thallium	205-1	1092	850	892	945	13.68	cps
Tin	118-1	483	500	483	489	1.97	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB059	Instrumnet Name :	P8
Client Sample ID :	CCB059	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:45:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	400	325	317	347	13.22	cps
Uranium	238-1	100	33	117	83	52.92	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Ytterbium	172-1	50	8	25	28	75.51	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	542	583	658	594	9.95	cps
Ytterbium	176-2	4918	5423	5507	5283	6.04	cps
Yttrium	89-1	13395124	13795000	13457393	13549172	1.59	cps
Yttrium	89-2	1856909	1817533	1816883	1830441	1.25	cps
Zinc	66-2	150	173	147	157	9.28	cps
Zirconium	90-1	908	892	800	867	6.73	cps
Zirconium	91-1	150	142	233	175	28.97	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141302BL Instrumnet Name : P8
 Client Sample ID : PBS302 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:49:00 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	177	199	184	7.10	cps
Antimony	121-1	92	150	125	122	23.94	cps
Arsenic	75-2	10	3	6	6	55.45	cps
Barium	135-1	83	33	17	44	78.07	cps
Barium	137-1	58	75	33	56	37.75	cps
Beryllium	9-1	130	136	134	133	2.29	cps
Bismuth	209-1	3308355	3373556	3430626	3370846	1.81	cps
Bismuth	209-2	2833768	2786461	2842540	2820923	1.07	cps
Boron	10-1	3618	3366	3492	3492	3.61	cps
Boron	11-1	15994	15887	15435	15772	1.88	cps
Bromine	81-1	17168	16226	16577	16657	2.86	cps
Cadmium	111-1	2652	2464	2521	2546	3.79	cps
Cadmium	106-1	3767	3509	3517	3598	4.08	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	385	357	300	347	12.48	cps
Calcium	44-1	30480	30659	31107	30749	1.05	cps
Carbon	12-1	4523009	4525815	4568349	4539058	0.56	cps
Carbon	12-2	42378	42604	43273	42752	1.09	cps
Chlorine	35-1	733941	732989	719223	728718	1.13	cps
Chlorine	35-2	4651	4492	4409	4517	2.72	cps
Chromium	52-2	887	880	810	859	4.94	cps
Cobalt	59-2	87	80	100	89	11.46	cps
Copper	63-2	677	753	700	710	5.54	cps
Dysprosium	156-1	0	58	0	19	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	13	13	30	19	50.96	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	43	70	70	61	25.20	cps
Holmium	165-1	6391509	6359023	6413468	6388000	0.43	cps
Holmium	165-2	4160859	4178444	4149536	4162946	0.35	cps
Indium	115-1	6478441	6629025	6804468	6637311	2.46	cps
Indium	115-2	1346422	1333178	1314329	1331310	1.21	cps
Iron	54-2	544	528	667	580	13.08	cps
Iron	56-2	4484	4712	5468	4888	10.53	cps
Iron	57-2	244	278	183	235	20.36	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:49:00	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1070	1140	1086	4.47	cps
Lead	206-1	483	556	506	515	7.19	cps
Lead	207-1	389	494	467	450	12.16	cps
Lead	208-1	1861	2228	2067	2052	8.96	cps
Lithium	6-1	4407655	4335591	4416659	4386635	1.01	cps
Magnesium	24-2	900	767	1000	889	13.17	cps
Manganese	55-2	90	67	97	84	18.65	cps
Molybdenum	94-1	450	250	392	364	28.27	cps
Molybdenum	95-1	175	192	242	203	17.11	cps
Molybdenum	96-1	333	308	300	314	5.53	cps
Molybdenum	97-1	167	117	142	142	17.65	cps
Molybdenum	98-1	367	308	242	306	20.47	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	120	90	96	23.22	cps
Phosphorus	31-2	258	233	233	242	5.97	cps
Potassium	39-2	21158	21058	21976	21397	2.35	cps
Rhodium	103-1	6894956	6620436	6790824	6768739	2.05	cps
Rhodium	103-2	3882665	3782969	3853890	3839841	1.34	cps
Scandium	45-1	6251201	6434368	6372138	6352569	1.47	cps
Scandium	45-2	227751	226351	226544	226882	0.33	cps
Selenium	82-1	76	-5	2	24	185.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	58	63	70	64	9.47	cps
Silicon	28-1	809575	808485	812460	810174	0.25	cps
Silver	107-1	175	225	233	211	14.94	cps
Silver	109-1	158	175	158	164	5.87	cps
Sodium	23-2	17970	18237	18337	18181	1.04	cps
Strontium	86-1	1758	1909	1575	1747	9.56	cps
Strontium	88-1	683	1025	775	828	21.36	cps
Sulfur	34-1	419065	415433	418400	417633	0.46	cps
Terbium	159-1	6696773	6601179	6880491	6726148	2.11	cps
Terbium	159-2	4240382	4130635	4194341	4188453	1.32	cps
Thallium	203-1	350	317	408	358	12.95	cps
Thallium	205-1	650	800	792	747	11.28	cps
Tin	118-1	500	525	625	550	12.03	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:49:00	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	367	342	325	16.01	cps
Uranium	238-1	25	58	33	39	44.62	cps
Vanadium	51-2	7	17	20	14	48.02	cps
Ytterbium	172-1	8	25	0	11	114.58	cps
Ytterbium	172-2	11	17	0	9	91.66	cps
Ytterbium	176-1	708	758	633	700	8.99	cps
Ytterbium	176-2	5318	5640	5851	5603	4.80	cps
Yttrium	89-1	13597932	13718423	13839934	13718763	0.88	cps
Yttrium	89-2	1863760	1841546	1906508	1870605	1.77	cps
Zinc	66-2	110	127	130	122	8.77	cps
Zirconium	90-1	808	833	717	786	7.81	cps
Zirconium	91-1	142	133	167	147	11.78	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141365BL Instrumnet Name : P8
 Client Sample ID : PBS365 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:55:07 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264	269	212	248	12.54	cps
Antimony	121-1	183	175	217	192	11.50	cps
Arsenic	75-2	6	9	12	9	33.33	cps
Barium	135-1	133	117	117	122	7.87	cps
Barium	137-1	292	283	233	269	11.71	cps
Beryllium	9-1	138	162	120	140	15.05	cps
Bismuth	209-1	3385361	3290413	2435864	3037213	17.22	cps
Bismuth	209-2	2783623	2840332	2716328	2780094	2.23	cps
Boron	10-1	3078	2876	2828	2927	4.53	cps
Boron	11-1	14038	13504	13377	13640	2.57	cps
Bromine	81-1	16126	16306	16497	16310	1.14	cps
Cadmium	111-1	2537	2552	1902	2330	15.91	cps
Cadmium	106-1	3576	3634	2667	3292	16.47	cps
Cadmium	108-1	29	54	21	35	49.97	cps
Calcium	43-1	549	485	451	495	10.00	cps
Calcium	44-1	33241	32931	32535	32902	1.07	cps
Carbon	12-1	4566844	4601838	4613934	4594205	0.53	cps
Carbon	12-2	41192	42947	41802	41980	2.12	cps
Chlorine	35-1	562803	556789	547267	555620	1.41	cps
Chlorine	35-2	3409	3742	3442	3531	5.20	cps
Chromium	52-2	883	953	840	892	6.41	cps
Cobalt	59-2	87	117	100	101	14.87	cps
Copper	63-2	910	847	713	823	12.19	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	20	30	30	27	21.65	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	83	67	70	73	12.02	cps
Holmium	165-1	6055818	5937451	4620658	5537976	14.38	cps
Holmium	165-2	4013567	4235318	4069702	4106195	2.81	cps
Indium	115-1	6647975	6744348	4966595	6119639	16.34	cps
Indium	115-2	1300937	1347129	1305896	1317987	1.92	cps
Iron	54-2	945	889	689	841	15.99	cps
Iron	56-2	10817	8837	7569	9074	18.04	cps
Iron	57-2	417	422	356	398	9.29	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BL	Instrumnet Name :	P8
Client Sample ID :	PBS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:55:07	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1137	1180	1129	4.91	cps
Lead	206-1	678	667	528	624	13.39	cps
Lead	207-1	511	561	517	530	5.18	cps
Lead	208-1	2533	2556	2150	2413	9.45	cps
Lithium	6-1	4400424	4526001	3401421	4109282	15.00	cps
Magnesium	24-2	1884	1500	1317	1567	18.46	cps
Manganese	55-2	180	183	123	162	20.78	cps
Molybdenum	94-1	717	625	692	678	6.99	cps
Molybdenum	95-1	733	750	583	689	13.33	cps
Molybdenum	96-1	758	633	683	692	9.10	cps
Molybdenum	97-1	383	325	300	336	12.72	cps
Molybdenum	98-1	958	925	817	900	8.23	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	67	93	83	17.43	cps
Phosphorus	31-2	367	275	192	278	31.51	cps
Potassium	39-2	22059	21091	21683	21611	2.26	cps
Rhodium	103-1	6474302	6678561	5116648	6089837	13.94	cps
Rhodium	103-2	3708039	3884625	3750694	3781119	2.44	cps
Scandium	45-1	6297361	6276337	4676225	5749974	16.17	cps
Scandium	45-2	223738	230879	221017	225211	2.26	cps
Selenium	82-1	35	5	6	15	113.16	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	63	60	48	57	13.93	cps
Silicon	28-1	818884	810475	830443	819934	1.22	cps
Silver	107-1	325	167	192	228	37.37	cps
Silver	109-1	117	150	233	167	36.06	cps
Sodium	23-2	19071	19255	17536	18621	5.07	cps
Strontium	86-1	2009	1975	2309	2097	8.75	cps
Strontium	88-1	3059	2817	2684	2853	6.66	cps
Sulfur	34-1	427782	430480	427509	428590	0.38	cps
Terbium	159-1	6808379	6705295	4972231	6161968	16.74	cps
Terbium	159-2	3984975	4175326	3969081	4043127	2.84	cps
Thallium	203-1	417	275	375	356	20.48	cps
Thallium	205-1	775	750	683	736	6.44	cps
Tin	118-1	617	592	592	600	2.41	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BL	Instrumnet Name :	P8
Client Sample ID :	PBS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:55:07	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	625	492	550	556	12.03	cps
Uranium	238-1	208	142	142	164	23.49	cps
Vanadium	51-2	23	27	37	29	24.03	cps
Ytterbium	172-1	8	42	8	19	99.00	cps
Ytterbium	172-2	6	22	6	11	86.55	cps
Ytterbium	176-1	733	892	525	717	25.66	cps
Ytterbium	176-2	5379	5740	5879	5666	4.56	cps
Yttrium	89-1	13634806	13772139	10258694	12555213	15.85	cps
Yttrium	89-2	1805692	1839622	1827607	1824307	0.94	cps
Zinc	66-2	173	213	190	192	10.45	cps
Zirconium	90-1	933	992	742	889	14.71	cps
Zirconium	91-1	167	167	125	153	15.75	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:58:12	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1777	1806	1802	1795	0.87	cps
Antimony	121-1	13565	14116	13674	13785	2.12	cps
Arsenic	75-2	301	266	287	285	6.19	cps
Barium	135-1	17211	17195	17203	17203	0.05	cps
Barium	137-1	29700	29166	30468	29778	2.20	cps
Beryllium	9-1	3214	3048	3288	3183	3.86	cps
Bismuth	209-1	3356709	3198046	3314258	3289671	2.50	cps
Bismuth	209-2	2849734	2739094	2706374	2765067	2.72	cps
Boron	10-1	7933	8597	8735	8421	5.09	cps
Boron	11-1	36540	38783	40323	38549	4.94	cps
Bromine	81-1	16928	18461	17088	17492	4.82	cps
Cadmium	111-1	3901	4221	4486	4203	6.98	cps
Cadmium	106-1	3225	3717	4067	3670	11.52	cps
Cadmium	108-1	213	200	158	190	14.90	cps
Calcium	43-1	16540	16205	16247	16331	1.12	cps
Calcium	44-1	294097	293257	293771	293708	0.14	cps
Carbon	12-1	4771194	4830338	4716605	4772712	1.19	cps
Carbon	12-2	45387	45329	44870	45195	0.63	cps
Chlorine	35-1	490333	493416	491819	491856	0.31	cps
Chlorine	35-2	3584	3200	3192	3325	6.73	cps
Chromium	52-2	6955	7015	7068	7013	0.81	cps
Cobalt	59-2	5691	5831	5635	5719	1.77	cps
Copper	63-2	9126	9040	9377	9181	1.91	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	37	40	33	37	9.10	cps
Gadolinium	160-1	33	67	8	36	81.06	cps
Gadolinium	160-2	67	67	60	64	5.98	cps
Holmium	165-1	6299732	6183083	6235610	6239475	0.94	cps
Holmium	165-2	4126003	4085938	4040683	4084208	1.05	cps
Indium	115-1	6782727	6615505	6519009	6639080	2.01	cps
Indium	115-2	1349355	1342009	1301547	1330970	1.93	cps
Iron	54-2	32682	32615	32665	32654	0.11	cps
Iron	56-2	579938	573172	570531	574547	0.84	cps
Iron	57-2	14613	14285	14763	14554	1.68	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141365BS Instrumnet Name : P8
 Client Sample ID : LCS365 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 12:58:12 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1117	1213	1132	6.59	cps
Lead	206-1	4090	4334	4156	4193	3.01	cps
Lead	207-1	3295	3662	3667	3541	6.03	cps
Lead	208-1	15676	16799	16643	16373	3.72	cps
Lithium	6-1	4425642	4377366	4350615	4384541	0.87	cps
Magnesium	24-2	121572	121260	121529	121454	0.14	cps
Manganese	55-2	1620	1760	1833	1738	6.24	cps
Molybdenum	94-1	18871	18738	18721	18777	0.44	cps
Molybdenum	95-1	21392	22001	21918	21770	1.52	cps
Molybdenum	96-1	24355	24163	24864	24461	1.48	cps
Molybdenum	97-1	13365	13382	13874	13540	2.13	cps
Molybdenum	98-1	34920	34995	34017	34644	1.57	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1620	1543	1673	1612	4.05	cps
Phosphorus	31-2	417	467	425	436	6.14	cps
Potassium	39-2	114426	113948	113545	113973	0.39	cps
Rhodium	103-1	6799245	6848127	6502372	6716581	2.79	cps
Rhodium	103-2	3991305	3825728	3747998	3855010	3.22	cps
Scandium	45-1	6362285	6347170	6358103	6355853	0.12	cps
Scandium	45-2	230008	224955	222673	225879	1.66	cps
Selenium	82-1	809	749	639	733	11.82	cps
Selenium	77-2	30	53	40	41	28.47	cps
Selenium	78-2	175	156	139	157	11.50	cps
Silicon	28-1	864870	853678	903712	874087	3.00	cps
Silver	107-1	8962	9153	8911	9009	1.42	cps
Silver	109-1	8411	7853	8294	8186	3.60	cps
Sodium	23-2	252704	249685	248710	250367	0.83	cps
Strontium	86-1	4693	5360	5310	5121	7.25	cps
Strontium	88-1	28998	28012	28948	28652	1.94	cps
Sulfur	34-1	433888	433035	436431	434451	0.41	cps
Terbium	159-1	6868288	6640889	6738714	6749297	1.69	cps
Terbium	159-2	4190965	4111803	4055980	4119583	1.65	cps
Thallium	203-1	4659	4584	4859	4701	3.02	cps
Thallium	205-1	11614	11447	11297	11453	1.39	cps
Tin	118-1	31203	30927	30886	31005	0.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 12:58:12	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8444	8920	8903	8756	3.08	cps
Uranium	238-1	12882	12590	12773	12748	1.16	cps
Vanadium	51-2	12923	12606	13023	12850	1.69	cps
Ytterbium	172-1	33	25	33	31	15.74	cps
Ytterbium	172-2	6	6	17	9	69.24	cps
Ytterbium	176-1	808	700	792	767	7.61	cps
Ytterbium	176-2	5179	5735	5518	5477	5.11	cps
Yttrium	89-1	13878798	13579380	13880015	13779398	1.26	cps
Yttrium	89-2	1912998	1873862	1802528	1863129	3.01	cps
Zinc	66-2	2694	2874	2614	2727	4.88	cps
Zirconium	90-1	17019	16268	16569	16619	2.27	cps
Zirconium	91-1	3384	3584	3759	3576	5.25	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141366BL Instrumnet Name : P8
 Client Sample ID : PBS366 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:01:14 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241	245	265	250	5.10	cps
Antimony	121-1	108	108	233	150	48.11	cps
Arsenic	75-2	9	10	6	8	24.98	cps
Barium	135-1	67	92	67	75	19.24	cps
Barium	137-1	150	125	133	136	9.36	cps
Beryllium	9-1	100	102	142	115	20.66	cps
Bismuth	209-1	3251695	3330402	3378755	3320284	1.93	cps
Bismuth	209-2	2865248	2739489	2836460	2813732	2.34	cps
Boron	10-1	2748	2604	2354	2568	7.76	cps
Boron	11-1	12415	11766	11440	11874	4.18	cps
Bromine	81-1	17639	16757	16838	17078	2.86	cps
Cadmium	111-1	2452	2538	2272	2421	5.60	cps
Cadmium	106-1	3492	3601	3267	3453	4.93	cps
Cadmium	108-1	25	17	63	35	70.31	cps
Calcium	43-1	491	400	501	464	12.02	cps
Calcium	44-1	31398	31737	32203	31780	1.27	cps
Carbon	12-1	4579737	4508513	4665928	4584726	1.72	cps
Carbon	12-2	42078	41551	42512	42047	1.14	cps
Chlorine	35-1	446635	442973	445616	445075	0.42	cps
Chlorine	35-2	2959	2975	2817	2917	2.98	cps
Chromium	52-2	897	867	867	877	1.98	cps
Cobalt	59-2	133	110	120	121	9.67	cps
Copper	63-2	790	907	843	847	6.90	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	25	8	42	25	66.68	cps
Gadolinium	160-2	73	63	127	88	38.79	cps
Holmium	165-1	5967875	6119722	6240657	6109418	2.24	cps
Holmium	165-2	4203473	3968034	4179645	4117051	3.15	cps
Indium	115-1	6508887	6760730	6767413	6679010	2.21	cps
Indium	115-2	1351015	1312624	1352994	1338878	1.70	cps
Iron	54-2	728	856	889	824	10.32	cps
Iron	56-2	8714	8820	9937	9157	7.40	cps
Iron	57-2	367	478	456	433	13.57	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:01:14	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1123	1147	1128	1.52	cps
Lead	206-1	633	500	633	589	13.07	cps
Lead	207-1	456	461	367	428	12.39	cps
Lead	208-1	2295	2122	2239	2219	3.96	cps
Lithium	6-1	4440604	4473166	4288651	4400807	2.24	cps
Magnesium	24-2	1325	1508	2025	1620	22.42	cps
Manganese	55-2	120	167	217	168	28.81	cps
Molybdenum	94-1	392	500	625	506	23.10	cps
Molybdenum	95-1	317	442	308	356	21.01	cps
Molybdenum	96-1	475	450	483	469	3.70	cps
Molybdenum	97-1	225	217	167	203	15.56	cps
Molybdenum	98-1	450	583	725	586	23.46	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	73	140	102	33.47	cps
Phosphorus	31-2	400	258	317	325	21.91	cps
Potassium	39-2	22443	22017	21300	21920	2.64	cps
Rhodium	103-1	6502869	6717157	6675412	6631813	1.71	cps
Rhodium	103-2	3916603	3718874	3874998	3836825	2.72	cps
Scandium	45-1	6404403	6213111	6502239	6373251	2.31	cps
Scandium	45-2	229311	219916	227808	225678	2.24	cps
Selenium	82-1	63	-3	-19	14	317.61	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	61	62	63	62	1.61	cps
Silicon	28-1	813082	812727	812350	812719	0.05	cps
Silver	107-1	192	150	225	189	19.90	cps
Silver	109-1	175	100	108	128	32.17	cps
Sodium	23-2	17461	17753	18888	18034	4.18	cps
Strontium	86-1	2025	1950	2159	2045	5.16	cps
Strontium	88-1	1967	1767	2325	2020	14.01	cps
Sulfur	34-1	440932	446397	435863	441064	1.19	cps
Terbium	159-1	6491695	6669339	6475267	6545434	1.64	cps
Terbium	159-2	4301497	4028589	4135526	4155204	3.31	cps
Thallium	203-1	275	192	242	236	17.77	cps
Thallium	205-1	525	800	675	667	20.65	cps
Tin	118-1	567	433	1009	670	45.01	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:01:14	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	450	442	422	9.74	cps
Uranium	238-1	58	108	117	94	33.40	cps
Vanadium	51-2	33	13	40	29	48.05	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	533	767	742	681	18.82	cps
Ytterbium	176-2	5468	5607	6029	5701	5.13	cps
Yttrium	89-1	13782221	13299797	13589775	13557264	1.79	cps
Yttrium	89-2	1887120	1809788	1877558	1858155	2.27	cps
Zinc	66-2	193	193	180	189	4.08	cps
Zirconium	90-1	875	833	817	842	3.57	cps
Zirconium	91-1	192	108	133	144	29.60	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141366BS Instrumnet Name : P8
 Client Sample ID : LCS366 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:04:19 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1920	1790	1764	1824	4.59	cps
Antimony	121-1	12831	13098	13766	13232	3.64	cps
Arsenic	75-2	328	280	321	310	8.37	cps
Barium	135-1	16385	16477	16711	16524	1.02	cps
Barium	137-1	27362	28372	28163	27966	1.91	cps
Beryllium	9-1	3178	3122	3144	3148	0.90	cps
Bismuth	209-1	3367654	3240164	3210554	3272791	2.55	cps
Bismuth	209-2	2924756	2880622	2886536	2897305	0.83	cps
Boron	10-1	7646	7739	7851	7745	1.32	cps
Boron	11-1	33852	36063	37785	35900	5.49	cps
Bromine	81-1	16748	17299	16547	16864	2.31	cps
Cadmium	111-1	4336	4209	4291	4279	1.51	cps
Cadmium	106-1	3751	3684	3584	3673	2.29	cps
Cadmium	108-1	175	142	204	174	18.01	cps
Calcium	43-1	15884	16360	15934	16059	1.63	cps
Calcium	44-1	289417	291249	289627	290097	0.35	cps
Carbon	12-1	4792896	4847184	4894639	4844906	1.05	cps
Carbon	12-2	45713	44243	43323	44426	2.71	cps
Chlorine	35-1	423369	418223	416477	419356	0.85	cps
Chlorine	35-2	2817	3117	3009	2981	5.10	cps
Chromium	52-2	7222	7148	7249	7206	0.72	cps
Cobalt	59-2	5698	5798	5825	5773	1.16	cps
Copper	63-2	9370	9006	9513	9296	2.81	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	27	20	27	24	15.75	cps
Gadolinium	160-1	33	50	0	28	91.65	cps
Gadolinium	160-2	97	63	80	80	20.84	cps
Holmium	165-1	6292515	6225590	5919851	6145985	3.23	cps
Holmium	165-2	4291841	4224346	4194736	4236974	1.17	cps
Indium	115-1	6816805	6502712	6438744	6586087	3.07	cps
Indium	115-2	1383865	1387073	1381441	1384126	0.20	cps
Iron	54-2	32988	32476	31941	32469	1.61	cps
Iron	56-2	596263	589950	585481	590565	0.92	cps
Iron	57-2	15231	14619	14880	14910	2.06	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:04:19	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1050	1057	1063	1.66	cps
Lead	206-1	4317	4573	4112	4334	5.33	cps
Lead	207-1	3740	3095	3345	3393	9.58	cps
Lead	208-1	16371	16138	15687	16065	2.16	cps
Lithium	6-1	4384826	4343124	4355185	4361045	0.49	cps
Magnesium	24-2	124957	123034	120010	122667	2.03	cps
Manganese	55-2	1687	1943	1813	1815	7.07	cps
Molybdenum	94-1	17695	18146	18137	17993	1.43	cps
Molybdenum	95-1	21742	21784	21801	21776	0.14	cps
Molybdenum	96-1	24397	23796	23137	23777	2.65	cps
Molybdenum	97-1	13524	13332	12798	13218	2.84	cps
Molybdenum	98-1	33859	33232	34535	33876	1.92	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1557	1613	1687	1619	4.03	cps
Phosphorus	31-2	450	308	283	347	25.89	cps
Potassium	39-2	116527	114906	117626	116353	1.18	cps
Rhodium	103-1	6780280	6612323	6622062	6671555	1.41	cps
Rhodium	103-2	3945202	4020359	4003872	3989811	0.99	cps
Scandium	45-1	6347914	6215145	6271902	6278320	1.06	cps
Scandium	45-2	234789	240280	235303	236790	1.28	cps
Selenium	82-1	782	802	796	793	1.29	cps
Selenium	77-2	20	30	37	29	29.04	cps
Selenium	78-2	169	150	148	156	7.44	cps
Silicon	28-1	853422	884160	883383	873655	2.01	cps
Silver	107-1	8853	8753	9012	8873	1.47	cps
Silver	109-1	8195	8069	8195	8153	0.89	cps
Sodium	23-2	254385	248782	247789	250319	1.42	cps
Strontium	86-1	5009	4901	4918	4943	1.18	cps
Strontium	88-1	27177	27236	25357	26590	4.02	cps
Sulfur	34-1	442531	441131	438908	440857	0.41	cps
Terbium	159-1	6467234	6426618	6644733	6512862	1.78	cps
Terbium	159-2	4150271	4264123	4131584	4181993	1.72	cps
Thallium	203-1	4526	4384	4718	4543	3.68	cps
Thallium	205-1	11364	10421	11139	10974	4.48	cps
Tin	118-1	30969	31153	30335	30819	1.39	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:04:19	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8603	8094	8528	8408	3.27	cps
Uranium	238-1	12582	11906	11848	12112	3.37	cps
Vanadium	51-2	12956	13063	12803	12940	1.01	cps
Ytterbium	172-1	25	8	58	31	83.33	cps
Ytterbium	172-2	6	11	17	11	49.99	cps
Ytterbium	176-1	600	783	683	689	13.33	cps
Ytterbium	176-2	5679	6007	5874	5853	2.82	cps
Yttrium	89-1	14425859	14020933	13652684	14033159	2.76	cps
Yttrium	89-2	1924826	1940500	1912964	1926097	0.72	cps
Zinc	66-2	2824	2747	2650	2740	3.17	cps
Zirconium	90-1	15451	15259	15517	15409	0.87	cps
Zirconium	91-1	3392	3476	3584	3484	2.76	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141303BL Instrumnet Name : P8
 Client Sample ID : PBS303 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:07:21 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162	175	151	163	7.29	cps
Antimony	121-1	75	117	133	108	27.74	cps
Arsenic	75-2	5	5	4	5	12.37	cps
Barium	135-1	25	58	42	42	40.00	cps
Barium	137-1	42	58	25	42	40.00	cps
Beryllium	9-1	80	116	106	101	18.46	cps
Bismuth	209-1	3143067	2822789	2958135	2974664	5.40	cps
Bismuth	209-2	2790048	2804162	2817349	2803853	0.49	cps
Boron	10-1	2286	2158	2120	2188	3.97	cps
Boron	11-1	10382	9781	9853	10005	3.28	cps
Bromine	81-1	16958	15625	17639	16741	6.12	cps
Cadmium	111-1	2333	1813	2098	2081	12.51	cps
Cadmium	106-1	3317	2567	2984	2956	12.72	cps
Cadmium	108-1	38	13	17	22	60.27	cps
Calcium	43-1	342	354	347	348	1.62	cps
Calcium	44-1	30150	29558	29802	29837	1.00	cps
Carbon	12-1	4589596	4710317	4633554	4644489	1.32	cps
Carbon	12-2	42846	42370	42729	42649	0.58	cps
Chlorine	35-1	393022	392637	394270	393310	0.22	cps
Chlorine	35-2	2717	2884	2609	2736	5.06	cps
Chromium	52-2	923	973	860	919	6.18	cps
Cobalt	59-2	57	77	93	76	24.29	cps
Copper	63-2	593	700	483	592	18.29	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	27	27	37	30	19.24	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	60	60	90	70	24.74	cps
Holmium	165-1	5930433	4890221	5434302	5418319	9.60	cps
Holmium	165-2	4264005	4265778	4191596	4240459	1.00	cps
Indium	115-1	6380897	5550647	5658207	5863251	7.70	cps
Indium	115-2	1358843	1394269	1347436	1366849	1.79	cps
Iron	54-2	544	517	522	528	2.79	cps
Iron	56-2	4334	4290	4212	4278	1.45	cps
Iron	57-2	256	233	306	265	13.97	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BL	Instrumnet Name :	P8
Client Sample ID :	PBS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:07:21	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1193	1240	1253	1229	2.56	cps
Lead	206-1	400	472	422	431	8.57	cps
Lead	207-1	339	317	300	319	6.13	cps
Lead	208-1	1617	1650	1700	1656	2.53	cps
Lithium	6-1	4482223	3729418	3872022	4027887	9.93	cps
Magnesium	24-2	792	975	758	842	13.86	cps
Manganese	55-2	157	120	143	140	13.26	cps
Molybdenum	94-1	350	200	275	275	27.27	cps
Molybdenum	95-1	192	150	108	150	27.78	cps
Molybdenum	96-1	192	175	217	194	10.78	cps
Molybdenum	97-1	125	58	58	81	47.78	cps
Molybdenum	98-1	150	142	225	172	26.65	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	87	90	117	98	16.82	cps
Phosphorus	31-2	275	258	258	264	3.65	cps
Potassium	39-2	21266	22501	21542	21770	2.98	cps
Rhodium	103-1	6514011	5627261	5889902	6010391	7.58	cps
Rhodium	103-2	3956877	3966818	3851230	3924975	1.63	cps
Scandium	45-1	6357668	5051205	5631905	5680259	11.52	cps
Scandium	45-2	234717	236373	230240	233777	1.36	cps
Selenium	82-1	-127	-18	-92	-79	-70.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	57	55	66	59	9.87	cps
Silicon	28-1	817997	839141	825661	827600	1.29	cps
Silver	107-1	233	308	175	239	27.98	cps
Silver	109-1	167	175	108	150	24.22	cps
Sodium	23-2	16193	15726	15192	15703	3.19	cps
Strontium	86-1	1917	1608	1925	1817	9.94	cps
Strontium	88-1	650	450	575	558	18.10	cps
Sulfur	34-1	438233	434679	436858	436590	0.41	cps
Terbium	159-1	6518912	5512034	6066416	6032454	8.36	cps
Terbium	159-2	4106949	4277299	4136931	4173726	2.18	cps
Thallium	203-1	275	242	217	244	11.97	cps
Thallium	205-1	500	592	542	544	8.43	cps
Tin	118-1	533	533	533	533	0.00	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BL	Instrumnet Name :	P8
Client Sample ID :	PBS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:07:21	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	267	400	333	20.00	cps
Uranium	238-1	25	25	17	22	21.64	cps
Vanadium	51-2	20	17	7	14	48.02	cps
Ytterbium	172-1	42	25	8	25	66.68	cps
Ytterbium	172-2	0	17	22	13	89.21	cps
Ytterbium	176-1	683	600	750	678	11.09	cps
Ytterbium	176-2	5501	5935	5701	5712	3.80	cps
Yttrium	89-1	13846661	11798415	12240379	12628485	8.54	cps
Yttrium	89-2	1913013	1904480	1905992	1907829	0.24	cps
Zinc	66-2	163	157	150	157	4.26	cps
Zirconium	90-1	708	558	842	703	20.17	cps
Zirconium	91-1	142	117	267	175	45.92	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141303BS Instrumnet Name : P8
 Client Sample ID : LCS303 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:10:25 DataFile Name : 031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1816	1695	1739	1750	3.51	cps
Antimony	121-1	12681	13215	13007	12968	2.07	cps
Arsenic	75-2	307	313	287	302	4.50	cps
Barium	135-1	15159	16043	15693	15632	2.85	cps
Barium	137-1	28890	27220	28180	28097	2.98	cps
Beryllium	9-1	3120	3204	3150	3158	1.35	cps
Bismuth	209-1	3125652	3334017	3179556	3213075	3.37	cps
Bismuth	209-2	2803321	2901201	2803866	2836129	1.99	cps
Boron	10-1	7266	7572	7891	7576	4.12	cps
Boron	11-1	32674	35801	37388	35287	6.80	cps
Bromine	81-1	16968	17479	17950	17466	2.81	cps
Cadmium	111-1	4390	4191	4419	4333	2.87	cps
Cadmium	106-1	4092	3567	3684	3781	7.29	cps
Cadmium	108-1	154	188	175	172	9.78	cps
Calcium	43-1	16183	15808	15839	15944	1.31	cps
Calcium	44-1	283720	286416	287537	285891	0.69	cps
Carbon	12-1	4886595	4722575	4739608	4782926	1.89	cps
Carbon	12-2	44184	43908	43967	44019	0.33	cps
Chlorine	35-1	353430	350963	356082	353491	0.72	cps
Chlorine	35-2	2534	2359	2392	2428	3.83	cps
Chromium	52-2	7319	6905	7028	7084	3.00	cps
Cobalt	59-2	5725	5478	5718	5640	2.49	cps
Copper	63-2	9043	8880	8846	8923	1.18	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	75	33	50	53	39.74	cps
Erbium	164-2	40	20	23	28	38.58	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	73	47	53	58	24.02	cps
Holmium	165-1	6084686	6338132	5911567	6111462	3.51	cps
Holmium	165-2	4078014	4305713	4242393	4208707	2.79	cps
Indium	115-1	6721531	6792131	6589522	6701061	1.53	cps
Indium	115-2	1316032	1343857	1360386	1340092	1.67	cps
Iron	54-2	32521	32097	30950	31856	2.55	cps
Iron	56-2	576225	570953	567287	571488	0.79	cps
Iron	57-2	14530	14246	13996	14257	1.87	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BS	Instrumnet Name :	P8
Client Sample ID :	LCS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:10:25	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1023	1083	1059	2.98	cps
Lead	206-1	3628	3845	4190	3888	7.28	cps
Lead	207-1	3517	3345	3373	3412	2.71	cps
Lead	208-1	15548	15170	14981	15233	1.90	cps
Lithium	6-1	4322883	4389553	4285281	4332572	1.22	cps
Magnesium	24-2	121278	123226	119766	121423	1.43	cps
Manganese	55-2	1667	1470	1697	1611	7.64	cps
Molybdenum	94-1	17803	17603	17996	17801	1.10	cps
Molybdenum	95-1	20532	21225	21158	20972	1.82	cps
Molybdenum	96-1	22794	23504	24255	23518	3.11	cps
Molybdenum	97-1	12648	12698	13115	12820	2.00	cps
Molybdenum	98-1	32230	33215	33116	32854	1.65	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1673	1570	1620	1621	3.19	cps
Phosphorus	31-2	308	350	333	331	6.34	cps
Potassium	39-2	113856	115778	113696	114443	1.01	cps
Rhodium	103-1	6708000	6856805	6564280	6709695	2.18	cps
Rhodium	103-2	3826586	3917863	3865599	3870016	1.18	cps
Scandium	45-1	6497327	6287733	6326651	6370570	1.75	cps
Scandium	45-2	227172	229705	229513	228797	0.62	cps
Selenium	82-1	717	794	687	733	7.52	cps
Selenium	77-2	27	43	33	34	24.35	cps
Selenium	78-2	147	161	141	150	6.86	cps
Silicon	28-1	896272	875066	876232	882524	1.35	cps
Silver	107-1	8928	8620	8895	8814	1.92	cps
Silver	109-1	7761	7811	8169	7914	2.82	cps
Sodium	23-2	246035	247778	247025	246946	0.35	cps
Strontium	86-1	4893	4701	4384	4659	5.51	cps
Strontium	88-1	25532	26092	26225	25950	1.42	cps
Sulfur	34-1	440325	438380	439484	439396	0.22	cps
Terbium	159-1	6493798	6474578	6707326	6558567	1.97	cps
Terbium	159-2	4081437	4194250	4207717	4161135	1.67	cps
Thallium	203-1	4718	4501	4501	4573	2.74	cps
Thallium	205-1	10521	10972	10296	10596	3.25	cps
Tin	118-1	30493	30184	29950	30209	0.90	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141303BS	Instrumnet Name :	P8
Client Sample ID :	LCS303	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:10:25	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8486	8144	8144	8258	2.39	cps
Uranium	238-1	10997	11589	12957	11848	8.49	cps
Vanadium	51-2	13016	12963	12312	12764	3.07	cps
Ytterbium	172-1	17	8	17	14	34.67	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	783	642	867	764	14.89	cps
Ytterbium	176-2	5068	6013	6068	5716	9.84	cps
Yttrium	89-1	13972069	13845608	13954125	13923934	0.49	cps
Yttrium	89-2	1878882	1924619	1862692	1888731	1.70	cps
Zinc	66-2	2790	2787	2734	2770	1.15	cps
Zirconium	90-1	15359	16168	15375	15634	2.96	cps
Zirconium	91-1	3701	3859	3501	3687	4.87	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : PB141302BS Instrumnet Name : P8
 Client Sample ID : LCS302 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:13:27 DataFile Name : 032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1900	1751	1780	1810	4.36	cps
Antimony	121-1	14024	13666	13607	13766	1.64	cps
Arsenic	75-2	330	362	350	347	4.65	cps
Barium	135-1	17278	16919	17295	17164	1.24	cps
Barium	137-1	29491	29266	29207	29321	0.51	cps
Beryllium	9-1	3192	3254	3280	3242	1.39	cps
Bismuth	209-1	3428535	3404964	3206587	3346695	3.64	cps
Bismuth	209-2	2975178	2813629	2920321	2903043	2.83	cps
Boron	10-1	8107	8479	8501	8362	2.65	cps
Boron	11-1	36454	37919	38685	37686	3.01	cps
Bromine	81-1	16737	18371	17669	17593	4.66	cps
Cadmium	111-1	4367	4143	4033	4181	4.08	cps
Cadmium	106-1	3751	3526	3601	3626	3.16	cps
Cadmium	108-1	167	221	179	189	15.02	cps
Calcium	43-1	16464	16446	16456	16455	0.05	cps
Calcium	44-1	291763	292636	294417	292938	0.46	cps
Carbon	12-1	4857913	4836504	4739478	4811298	1.31	cps
Carbon	12-2	45747	44819	43239	44602	2.84	cps
Chlorine	35-1	326405	334662	334100	331722	1.39	cps
Chlorine	35-2	2284	2284	2209	2259	1.92	cps
Chromium	52-2	7635	7375	7455	7489	1.78	cps
Cobalt	59-2	5918	5705	5821	5815	1.84	cps
Copper	63-2	9860	9440	9420	9573	2.60	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	67	17	47	56.72	cps
Erbium	164-2	20	37	20	26	37.66	cps
Gadolinium	160-1	50	67	50	56	17.32	cps
Gadolinium	160-2	70	73	70	71	2.70	cps
Holmium	165-1	5853180	6324639	6170621	6116146	3.93	cps
Holmium	165-2	4532674	4242688	4193406	4322923	4.24	cps
Indium	115-1	6407516	6546284	6595329	6516376	1.49	cps
Indium	115-2	1419488	1374915	1365274	1386559	2.09	cps
Iron	54-2	34587	33701	32415	33567	3.25	cps
Iron	56-2	619339	594618	589498	601152	2.65	cps
Iron	57-2	15720	15197	15242	15386	1.88	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:13:27	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1130	1043	1080	4.15	cps
Lead	206-1	3795	3912	3756	3821	2.12	cps
Lead	207-1	3512	3306	3606	3475	4.42	cps
Lead	208-1	15598	15426	15326	15450	0.89	cps
Lithium	6-1	4344553	4494482	4389970	4409668	1.74	cps
Magnesium	24-2	129204	127363	125874	127480	1.31	cps
Manganese	55-2	1890	1753	1890	1845	4.28	cps
Molybdenum	94-1	18004	17812	18396	18071	1.65	cps
Molybdenum	95-1	21375	21600	20983	21320	1.47	cps
Molybdenum	96-1	24948	24480	24623	24684	0.97	cps
Molybdenum	97-1	13457	13574	13190	13407	1.47	cps
Molybdenum	98-1	34803	34811	34302	34639	0.84	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1750	1667	1613	1677	4.11	cps
Phosphorus	31-2	333	408	383	375	10.18	cps
Potassium	39-2	119769	119308	118391	119156	0.59	cps
Rhodium	103-1	6577750	6737114	6443100	6585988	2.23	cps
Rhodium	103-2	4017559	3929625	3880810	3942664	1.76	cps
Scandium	45-1	6234261	6422354	6382608	6346407	1.56	cps
Scandium	45-2	240817	236925	238331	238691	0.83	cps
Selenium	82-1	838	709	834	794	9.27	cps
Selenium	77-2	53	33	40	42	24.12	cps
Selenium	78-2	171	178	179	176	2.48	cps
Silicon	28-1	901883	911391	867842	893705	2.56	cps
Silver	107-1	8736	9095	9228	9020	2.82	cps
Silver	109-1	8895	8370	8053	8439	5.04	cps
Sodium	23-2	263098	256668	251620	257129	2.24	cps
Strontium	86-1	4801	4734	4993	4843	2.77	cps
Strontium	88-1	26050	26685	28054	26930	3.80	cps
Sulfur	34-1	450728	448850	451664	450414	0.32	cps
Terbium	159-1	6679185	6567815	6320107	6522369	2.82	cps
Terbium	159-2	4375549	4225692	4115854	4239032	3.08	cps
Thallium	203-1	4801	5051	4593	4815	4.77	cps
Thallium	205-1	10621	10797	10872	10763	1.19	cps
Tin	118-1	30493	31470	31896	31286	2.30	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	PB141302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:13:27	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8336	8219	8828	8461	3.82	cps
Uranium	238-1	12248	11556	11572	11792	3.35	cps
Vanadium	51-2	13797	13366	13587	13583	1.58	cps
Ytterbium	172-1	17	17	8	14	34.67	cps
Ytterbium	172-2	11	0	0	4	173.21	cps
Ytterbium	176-1	750	758	508	672	21.12	cps
Ytterbium	176-2	5579	5818	6113	5837	4.58	cps
Yttrium	89-1	13708736	14052676	13636303	13799238	1.61	cps
Yttrium	89-2	1980208	1886507	1934227	1933647	2.42	cps
Zinc	66-2	2867	2890	2740	2833	2.85	cps
Zirconium	90-1	16452	16193	16285	16310	0.80	cps
Zirconium	91-1	3542	3434	3601	3526	2.40	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-01 Instrumnet Name : P8
 Client Sample ID : MH1JB9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:16:32 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	323130	318418	321059	320869	0.74	cps
Antimony	121-1	78821	81058	80287	80055	1.42	cps
Arsenic	75-2	1690	1565	1553	1603	4.73	cps
Barium	135-1	252483	259982	252704	255056	1.67	cps
Barium	137-1	439727	443935	453267	445643	1.55	cps
Beryllium	9-1	1610	1678	1502	1596	5.56	cps
Bismuth	209-1	3606880	3639206	3634105	3626731	0.48	cps
Bismuth	209-2	3001532	2832822	3100227	2978194	4.54	cps
Boron	10-1	14799	15757	15773	15443	3.61	cps
Boron	11-1	67224	71298	72065	70195	3.71	cps
Bromine	81-1	25139	27786	27265	26730	5.25	cps
Cadmium	111-1	5379	4804	4977	5053	5.84	cps
Cadmium	106-1	5151	4709	4701	4854	5.31	cps
Cadmium	108-1	550	538	550	546	1.32	cps
Calcium	43-1	972330	988185	966896	975804	1.13	cps
Calcium	44-1	15692129	15985034	15723535	15800233	1.02	cps
Carbon	12-1	37477062	38720515	39170124	38455901	2.28	cps
Carbon	12-2	376775	371534	389797	379368	2.48	cps
Chlorine	35-1	14082488	18036042	21156100	17758210	19.96	cps
Chlorine	35-2	189774	199401	215620	201599	6.48	cps
Chromium	52-2	53557	52901	52791	53083	0.78	cps
Cobalt	59-2	19523	18989	18916	19143	1.73	cps
Copper	63-2	695477	701628	700449	699185	0.47	cps
Dysprosium	156-1	16769	17128	16361	16753	2.29	cps
Dysprosium	156-2	10564	10311	10254	10376	1.59	cps
Erbium	164-1	13482	14083	13566	13710	2.37	cps
Erbium	164-2	8516	8419	8586	8507	0.98	cps
Gadolinium	160-1	13933	14166	14567	14222	2.25	cps
Gadolinium	160-2	10224	10724	10324	10424	2.54	cps
Holmium	165-1	6833811	6901007	6635586	6790134	2.03	cps
Holmium	165-2	4552106	4396464	4649230	4532600	2.81	cps
Indium	115-1	7130291	6989072	7115813	7078392	1.10	cps
Indium	115-2	1459033	1373573	1437382	1423330	3.12	cps
Iron	54-2	1814941	1735876	1788369	1779729	2.26	cps
Iron	56-2	31544920	30999844	31042669	31195811	0.97	cps
Iron	57-2	785875	782641	788794	785770	0.39	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:16:32	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1190	1203	1173	3.49	cps
Lead	206-1	362313	368522	364567	365134	0.86	cps
Lead	207-1	293387	305545	300091	299675	2.03	cps
Lead	208-1	1405805	1427213	1416555	1416524	0.76	cps
Lithium	6-1	4691403	4753795	4656764	4700654	1.05	cps
Magnesium	24-2	1041447	1020150	1026299	1029299	1.06	cps
Manganese	55-2	437656	425855	426464	429992	1.55	cps
Molybdenum	94-1	26268	24789	23504	24854	5.56	cps
Molybdenum	95-1	14843	14250	12373	13822	9.33	cps
Molybdenum	96-1	19624	18179	16035	17946	10.06	cps
Molybdenum	97-1	9095	8453	7627	8392	8.77	cps
Molybdenum	98-1	23340	21835	18813	21329	10.81	cps
Neodymium	150-1	27007	27041	28170	27406	2.41	cps
Neodymium	150-2	12890	12703	13113	12902	1.59	cps
Nickel	60-2	26912	26562	26204	26559	1.33	cps
Phosphorus	31-2	8361	8403	8786	8517	2.75	cps
Potassium	39-2	1302710	1289852	1273367	1288643	1.14	cps
Rhodium	103-1	7100995	7132265	6690303	6974521	3.54	cps
Rhodium	103-2	4075003	3975447	4169028	4073159	2.38	cps
Scandium	45-1	7106546	7145843	7033636	7095342	0.80	cps
Scandium	45-2	253828	240210	249458	247832	2.81	cps
Selenium	82-1	341	242	223	269	23.70	cps
Selenium	77-2	50	67	53	57	15.57	cps
Selenium	78-2	120	139	123	127	8.03	cps
Silicon	28-1	5526715	5250173	5341305	5372731	2.62	cps
Silver	107-1	15059	15067	16068	15398	3.77	cps
Silver	109-1	14575	14475	14750	14600	0.96	cps
Sodium	23-2	22976613	22390041	22686418	22684357	1.29	cps
Strontium	86-1	542508	547413	535095	541672	1.14	cps
Strontium	88-1	4468029	4600116	4547968	4538704	1.47	cps
Sulfur	34-1	953253	970166	945626	956349	1.31	cps
Terbium	159-1	7242180	7249106	7319333	7270206	0.59	cps
Terbium	159-2	4473161	4377958	4703129	4518083	3.70	cps
Thallium	203-1	992	1067	875	978	9.88	cps
Thallium	205-1	2500	2517	2275	2431	5.55	cps
Tin	118-1	262193	267054	263549	264265	0.95	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:16:32	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217352	212309	216151	215271	1.22	cps
Uranium	238-1	35283	36637	35242	35721	2.22	cps
Vanadium	51-2	32146	31097	31718	31654	1.67	cps
Ytterbium	172-1	3734	3676	3601	3670	1.82	cps
Ytterbium	172-2	2706	2817	3078	2867	6.67	cps
Ytterbium	176-1	3150	2684	2984	2939	8.05	cps
Ytterbium	176-2	7597	7736	8475	7936	5.95	cps
Yttrium	89-1	15358404	15658661	15716588	15577884	1.23	cps
Yttrium	89-2	2056409	1980710	2068510	2035210	2.34	cps
Zinc	66-2	3140218	3092008	3061012	3097746	1.29	cps
Zirconium	90-1	48202	46094	46018	46771	2.65	cps
Zirconium	91-1	11423	10546	10221	10730	5.80	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-02	Instrumnet Name :	P8
Client Sample ID :	MH1JC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:19:27	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347796	347618	351626	349013	0.65	cps
Antimony	121-1	23654	22953	23780	23462	1.90	cps
Arsenic	75-2	2134	2132	2241	2169	2.88	cps
Barium	135-1	242271	243183	248118	244524	1.29	cps
Barium	137-1	420774	423913	426012	423566	0.62	cps
Beryllium	9-1	2130	2216	2182	2176	1.99	cps
Bismuth	209-1	3306518	3518049	3466745	3430437	3.22	cps
Bismuth	209-2	2909283	3010244	2995342	2971623	1.83	cps
Boron	10-1	12395	12835	13574	12934	4.61	cps
Boron	11-1	57860	59855	62861	60192	4.18	cps
Bromine	81-1	39647	37880	40129	39218	3.02	cps
Cadmium	111-1	5236	4906	4895	5012	3.86	cps
Cadmium	106-1	4493	4184	4342	4340	3.55	cps
Cadmium	108-1	317	313	296	308	3.58	cps
Calcium	43-1	1372592	1340887	1358601	1357360	1.17	cps
Calcium	44-1	22027556	21657540	21791244	21825447	0.86	cps
Carbon	12-1	19739893	20361190	20232066	20111050	1.63	cps
Carbon	12-2	192375	192554	188880	191270	1.08	cps
Chlorine	35-1	24212922	27259263	29871616	27114600	10.44	cps
Chlorine	35-2	232994	242336	251092	242141	3.74	cps
Chromium	52-2	35875	35868	36263	36002	0.63	cps
Cobalt	59-2	16934	16773	17504	17070	2.25	cps
Copper	63-2	284068	282585	287378	284677	0.86	cps
Dysprosium	156-1	27186	26569	26736	26830	1.19	cps
Dysprosium	156-2	15953	16801	16657	16470	2.75	cps
Erbium	164-1	21985	21410	22228	21874	1.92	cps
Erbium	164-2	13674	14141	14178	13997	2.01	cps
Gadolinium	160-1	22161	22127	22612	22300	1.21	cps
Gadolinium	160-2	17021	17028	17058	17035	0.11	cps
Holmium	165-1	6490106	6569077	6811562	6623582	2.53	cps
Holmium	165-2	4420127	4520926	4516881	4485978	1.27	cps
Indium	115-1	6781967	6863424	6940299	6861897	1.15	cps
Indium	115-2	1383216	1401939	1405980	1397045	0.87	cps
Iron	54-2	1841562	1860512	1873468	1858514	0.86	cps
Iron	56-2	33429526	32811355	32731984	32990955	1.16	cps
Iron	57-2	799589	817499	821061	812716	1.42	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-02	Instrumnet Name :	P8
Client Sample ID :	MH1JC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:19:27	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1293	1173	1198	7.18	cps
Lead	206-1	317219	330325	338342	328629	3.24	cps
Lead	207-1	279013	277118	275234	277122	0.68	cps
Lead	208-1	1274056	1269731	1289758	1277848	0.82	cps
Lithium	6-1	4590146	4789060	4714972	4698059	2.14	cps
Magnesium	24-2	1207836	1258538	1240420	1235598	2.08	cps
Manganese	55-2	533669	535869	542376	537305	0.84	cps
Molybdenum	94-1	16177	15659	15935	15924	1.63	cps
Molybdenum	95-1	14274	14616	14558	14483	1.26	cps
Molybdenum	96-1	17962	17787	17670	17806	0.83	cps
Molybdenum	97-1	8553	9086	9012	8884	3.25	cps
Molybdenum	98-1	24155	22920	23955	23676	2.80	cps
Neodymium	150-1	45437	45330	44942	45237	0.58	cps
Neodymium	150-2	20760	21030	21484	21091	1.74	cps
Nickel	60-2	22705	23189	22231	22708	2.11	cps
Phosphorus	31-2	9779	9337	9612	9576	2.33	cps
Potassium	39-2	2149768	2167705	2152933	2156802	0.44	cps
Rhodium	103-1	7004462	6660128	7092420	6919003	3.30	cps
Rhodium	103-2	3954741	3969321	4059671	3994578	1.42	cps
Scandium	45-1	6630531	6681070	6842862	6718154	1.65	cps
Scandium	45-2	240072	247253	244440	243922	1.48	cps
Selenium	82-1	300	118	273	230	42.65	cps
Selenium	77-2	107	107	63	92	27.13	cps
Selenium	78-2	170	147	162	160	7.31	cps
Silicon	28-1	5352959	5297826	5356055	5335613	0.61	cps
Silver	107-1	8986	9028	9587	9201	3.64	cps
Silver	109-1	8853	9178	8478	8836	3.97	cps
Sodium	23-2	31729667	32382130	32658893	32256897	1.48	cps
Strontium	86-1	696050	690204	713067	699774	1.70	cps
Strontium	88-1	5739737	5812790	5859498	5804008	1.04	cps
Sulfur	34-1	889173	865677	1022846	925899	9.16	cps
Terbium	159-1	6786511	6893347	7031063	6903641	1.78	cps
Terbium	159-2	4350384	4539585	4459547	4449839	2.13	cps
Thallium	203-1	1175	1067	1233	1158	7.30	cps
Thallium	205-1	2900	2725	2909	2845	3.64	cps
Tin	118-1	139418	139326	142051	140265	1.10	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-02	Instrumnet Name :	P8
Client Sample ID :	MH1JC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:19:27	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	141708	138753	142978	141146	1.54	cps
Uranium	238-1	63294	65622	64233	64383	1.82	cps
Vanadium	51-2	28846	29070	28809	28908	0.49	cps
Ytterbium	172-1	6544	6002	6794	6446	6.28	cps
Ytterbium	172-2	5001	4851	5068	4973	2.23	cps
Ytterbium	176-1	4601	4593	4626	4606	0.38	cps
Ytterbium	176-2	8731	9281	9409	9140	3.94	cps
Yttrium	89-1	15014958	14938561	15325132	15092884	1.36	cps
Yttrium	89-2	1992785	2046645	2068663	2036031	1.92	cps
Zinc	66-2	1037912	1032767	1040356	1037011	0.37	cps
Zirconium	90-1	21058	21780	22110	21650	2.49	cps
Zirconium	91-1	4701	4401	4568	4556	3.30	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-03	Instrumnet Name :	P8
Client Sample ID :	MH1JC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:22:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	374203	372593	375533	374110	0.39	cps
Antimony	121-1	406679	424864	415675	415739	2.19	cps
Arsenic	75-2	1868	1908	1894	1890	1.07	cps
Barium	135-1	212593	214258	214268	213706	0.45	cps
Barium	137-1	369579	368712	365658	367983	0.56	cps
Beryllium	9-1	1728	1870	1706	1768	5.04	cps
Bismuth	209-1	3450816	3436060	3480934	3455937	0.66	cps
Bismuth	209-2	3003523	2925032	2890557	2939704	1.97	cps
Boron	10-1	13808	13878	14863	14183	4.16	cps
Boron	11-1	62633	66882	68312	65942	4.48	cps
Bromine	81-1	60823	61156	61950	61310	0.94	cps
Cadmium	111-1	4606	5025	5072	4901	5.23	cps
Cadmium	106-1	4034	4609	4351	4331	6.65	cps
Cadmium	108-1	329	354	338	340	3.74	cps
Calcium	43-1	1071204	1072290	1091119	1078204	1.04	cps
Calcium	44-1	17239941	16924528	17414175	17192881	1.44	cps
Carbon	12-1	32003734	31916274	32421975	32113994	0.84	cps
Carbon	12-2	319494	319596	327403	322164	1.41	cps
Chlorine	35-1	29458756	33288106	37553010	33433291	12.11	cps
Chlorine	35-2	298953	301982	317264	306066	3.21	cps
Chromium	52-2	48519	49071	48151	48580	0.95	cps
Cobalt	59-2	22364	22478	22982	22608	1.45	cps
Copper	63-2	385482	382397	385990	384623	0.51	cps
Dysprosium	156-1	22553	21818	21852	22074	1.88	cps
Dysprosium	156-2	13280	13383	13413	13359	0.52	cps
Erbium	164-1	18655	18530	18338	18508	0.86	cps
Erbium	164-2	11869	11885	11492	11749	1.90	cps
Gadolinium	160-1	20174	19723	19815	19904	1.20	cps
Gadolinium	160-2	14685	14111	14571	14456	2.10	cps
Holmium	165-1	6530604	6646131	6736625	6637787	1.56	cps
Holmium	165-2	4481064	4477185	4499130	4485793	0.26	cps
Indium	115-1	6795365	7056739	7215948	7022684	3.02	cps
Indium	115-2	1424958	1381257	1381438	1395884	1.80	cps
Iron	54-2	1616191	1558542	1603191	1592641	1.90	cps
Iron	56-2	27792525	28711268	28520049	28341281	1.71	cps
Iron	57-2	698490	706027	693499	699338	0.90	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-03	Instrumnet Name :	P8
Client Sample ID :	MH1JC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:22:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1223	1227	1213	1.67	cps
Lead	206-1	283725	285614	287875	285738	0.73	cps
Lead	207-1	242348	239480	248819	243549	1.96	cps
Lead	208-1	1120217	1111154	1116039	1115803	0.41	cps
Lithium	6-1	4535840	4594560	4967691	4699364	4.98	cps
Magnesium	24-2	1335438	1394696	1405743	1378626	2.74	cps
Manganese	55-2	529889	528857	541234	533327	1.29	cps
Molybdenum	94-1	12923	13649	14233	13602	4.82	cps
Molybdenum	95-1	10529	10821	10412	10588	1.99	cps
Molybdenum	96-1	13565	12931	12781	13093	3.18	cps
Molybdenum	97-1	6385	6510	5943	6279	4.74	cps
Molybdenum	98-1	16077	17061	16802	16647	3.07	cps
Neodymium	150-1	34913	35448	36704	35688	2.58	cps
Neodymium	150-2	16487	16904	16113	16501	2.40	cps
Nickel	60-2	33423	32818	33500	33247	1.12	cps
Phosphorus	31-2	10187	9895	9970	10018	1.51	cps
Potassium	39-2	1178435	1180815	1186751	1182000	0.36	cps
Rhodium	103-1	6705057	6762292	6928434	6798594	1.71	cps
Rhodium	103-2	4028761	4007670	4083615	4040015	0.97	cps
Scandium	45-1	6551263	6651597	6685561	6629474	1.05	cps
Scandium	45-2	250823	240451	244453	245242	2.13	cps
Selenium	82-1	249	214	227	230	7.60	cps
Selenium	77-2	83	103	103	97	11.95	cps
Selenium	78-2	144	133	147	141	5.22	cps
Silicon	28-1	5217269	5240936	5327285	5261830	1.10	cps
Silver	107-1	12189	13015	12715	12639	3.31	cps
Silver	109-1	11947	11839	11230	11672	3.31	cps
Sodium	23-2	34581642	34600092	34478316	34553350	0.19	cps
Strontium	86-1	547437	551669	559909	553005	1.15	cps
Strontium	88-1	4647103	4623206	4661270	4643859	0.41	cps
Sulfur	34-1	877987	872353	883109	877816	0.61	cps
Terbium	159-1	6950428	7170719	7136848	7085999	1.67	cps
Terbium	159-2	4504567	4386498	4549841	4480302	1.88	cps
Thallium	203-1	1167	1208	1258	1211	3.79	cps
Thallium	205-1	3017	2984	2992	2998	0.58	cps
Tin	118-1	155498	158565	157629	157231	1.00	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-03	Instrumnet Name :	P8
Client Sample ID :	MH1JC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:22:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	155599	154579	157976	156051	1.12	cps
Uranium	238-1	60186	59952	61552	60563	1.43	cps
Vanadium	51-2	33780	33446	34789	34005	2.06	cps
Ytterbium	172-1	5193	5443	5159	5265	2.94	cps
Ytterbium	172-2	3695	3934	4056	3895	4.72	cps
Ytterbium	176-1	3751	4076	3592	3806	6.48	cps
Ytterbium	176-2	7980	8603	8103	8229	4.01	cps
Yttrium	89-1	14579885	15366743	15225019	15057216	2.79	cps
Yttrium	89-2	1998237	2028193	2033129	2019853	0.93	cps
Zinc	66-2	1296031	1306580	1299477	1300696	0.41	cps
Zirconium	90-1	22703	23463	22978	23048	1.67	cps
Zirconium	91-1	4443	5093	5285	4940	8.93	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-04	Instrumnet Name :	P8
Client Sample ID :	MH1JC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:25:21	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1048517	1056174	1051554	1052082	0.37	cps
Antimony	121-1	31361	29825	30911	30699	2.57	cps
Arsenic	75-2	3497	3535	3550	3527	0.77	cps
Barium	135-1	431161	437140	440658	436320	1.10	cps
Barium	137-1	759762	743924	721699	741795	2.58	cps
Beryllium	9-1	2234	2226	2228	2229	0.19	cps
Bismuth	209-1	3504016	3571133	3406802	3493983	2.36	cps
Bismuth	209-2	2922647	2434514	2855963	2737708	9.67	cps
Boron	10-1	29762	30207	31025	30331	2.11	cps
Boron	11-1	132159	142640	144586	139795	4.78	cps
Bromine	81-1	31468	31668	30956	31364	1.17	cps
Cadmium	111-1	7341	7408	7188	7312	1.54	cps
Cadmium	106-1	4343	4543	4367	4418	2.47	cps
Cadmium	108-1	375	508	433	439	15.23	cps
Calcium	43-1	5358676	5291329	5285282	5311762	0.77	cps
Calcium	44-1	87991589	87510114	87742200	87747967	0.27	cps
Carbon	12-1	17922736	18182228	18295977	18133647	1.05	cps
Carbon	12-2	170531	175128	173636	173098	1.35	cps
Chlorine	35-1	29711933	32645501	34974186	32443873	8.13	cps
Chlorine	35-2	275781	280399	285730	280637	1.77	cps
Chromium	52-2	83784	84039	83851	83891	0.16	cps
Cobalt	59-2	41561	41918	41908	41796	0.49	cps
Copper	63-2	607326	611111	595356	604598	1.36	cps
Dysprosium	156-1	21384	22545	21760	21896	2.71	cps
Dysprosium	156-2	13110	12936	13474	13173	2.08	cps
Erbium	164-1	18105	17620	17028	17584	3.07	cps
Erbium	164-2	10885	10965	10818	10889	0.67	cps
Gadolinium	160-1	19331	19448	18780	19187	1.86	cps
Gadolinium	160-2	14214	14211	14031	14152	0.74	cps
Holmium	165-1	6715805	6683175	6449065	6616015	2.20	cps
Holmium	165-2	4523032	3668591	4220153	4137259	10.47	cps
Indium	115-1	6791199	6977773	6704055	6824342	2.05	cps
Indium	115-2	1383453	1162201	1343217	1296290	9.09	cps
Iron	54-2	1895614	1910877	1875308	1893933	0.94	cps
Iron	56-2	33469083	34754830	33572965	33932292	2.10	cps
Iron	57-2	835148	850842	842722	842904	0.93	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-04	Instrumnet Name :	P8
Client Sample ID :	MH1JC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:25:21	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1237	1130	1243	1203	5.29	cps
Lead	206-1	1005579	963441	1000174	989731	2.32	cps
Lead	207-1	822710	822656	797095	814153	1.81	cps
Lead	208-1	3969785	3963076	3956237	3963033	0.17	cps
Lithium	6-1	4820840	4908356	4662523	4797240	2.60	cps
Magnesium	24-2	1698515	1671979	1698189	1689561	0.90	cps
Manganese	55-2	1022185	1038294	1032612	1031031	0.79	cps
Molybdenum	94-1	24322	23362	23687	23790	2.05	cps
Molybdenum	95-1	10663	10788	11080	10843	1.97	cps
Molybdenum	96-1	15050	14942	14608	14867	1.55	cps
Molybdenum	97-1	6718	6268	6268	6418	4.05	cps
Molybdenum	98-1	17178	17595	16285	17019	3.93	cps
Neodymium	150-1	38576	39177	38402	38719	1.05	cps
Neodymium	150-2	17371	17725	17268	17455	1.37	cps
Nickel	60-2	41831	43346	42717	42632	1.78	cps
Phosphorus	31-2	9628	9420	10412	9820	5.33	cps
Potassium	39-2	1803377	1804413	1781708	1796499	0.71	cps
Rhodium	103-1	6933843	6947706	6671578	6851043	2.27	cps
Rhodium	103-2	3967291	3310813	3819917	3699340	9.31	cps
Scandium	45-1	6638923	6799593	6454142	6630886	2.61	cps
Scandium	45-2	247128	203955	237441	229508	9.87	cps
Selenium	82-1	425	578	490	498	15.47	cps
Selenium	77-2	130	80	83	98	28.59	cps
Selenium	78-2	150	185	177	171	10.74	cps
Silicon	28-1	20680172	21509579	21093183	21094311	1.97	cps
Silver	107-1	9012	9378	9570	9320	3.05	cps
Silver	109-1	8703	8745	8478	8642	1.66	cps
Sodium	23-2	10093405	10299710	10024446	10139187	1.41	cps
Strontium	86-1	2009671	2045573	1974587	2009944	1.77	cps
Strontium	88-1	16695254	17206441	16541194	16814296	2.07	cps
Sulfur	34-1	964986	980536	950602	965374	1.55	cps
Terbium	159-1	7009594	6848016	6915142	6924251	1.17	cps
Terbium	159-2	4485570	3716648	4361169	4187796	9.86	cps
Thallium	203-1	1250	1475	1475	1400	9.28	cps
Thallium	205-1	2834	3100	3100	3012	5.11	cps
Tin	118-1	612921	624284	601181	612796	1.89	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-04	Instrumnet Name :	P8
Client Sample ID :	MH1JC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:25:21	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	531247	543413	522039	532233	2.01	cps
Uranium	238-1	32209	32367	32116	32231	0.39	cps
Vanadium	51-2	100574	101926	100016	100839	0.97	cps
Ytterbium	172-1	5301	4776	5235	5104	5.60	cps
Ytterbium	172-2	3667	3912	3667	3749	3.77	cps
Ytterbium	176-1	3892	3792	3351	3678	7.84	cps
Ytterbium	176-2	8014	7864	8831	8236	6.32	cps
Yttrium	89-1	14875421	15819596	15041437	15245485	3.31	cps
Yttrium	89-2	2017512	1664520	1922313	1868115	9.78	cps
Zinc	66-2	495398	508004	497609	500337	1.35	cps
Zirconium	90-1	50292	50981	49406	50226	1.57	cps
Zirconium	91-1	10946	11288	10796	11010	2.29	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-05 Instrumnet Name : P8
 Client Sample ID : MH1JC3 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:28:17 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	649539	652992	658073	653534	0.66	cps
Antimony	121-1	102006	102821	107070	103966	2.62	cps
Arsenic	75-2	2466	2484	2513	2488	0.95	cps
Barium	135-1	501415	519307	497037	505919	2.33	cps
Barium	137-1	860579	903870	868133	877527	2.64	cps
Beryllium	9-1	1590	1560	1634	1594	2.33	cps
Bismuth	209-1	3460784	3532180	3497117	3496694	1.02	cps
Bismuth	209-2	2858033	3037630	2916300	2937321	3.12	cps
Boron	10-1	26346	28392	29155	27964	5.19	cps
Boron	11-1	124644	130618	133642	129635	3.53	cps
Bromine	81-1	22401	23294	23454	23050	2.46	cps
Cadmium	111-1	8968	9178	8645	8930	3.00	cps
Cadmium	106-1	4551	4509	4518	4526	0.49	cps
Cadmium	108-1	604	621	633	619	2.36	cps
Calcium	43-1	3466859	3502264	3418115	3462412	1.22	cps
Calcium	44-1	56250170	56635387	54446487	55777348	2.10	cps
Carbon	12-1	19746433	19823872	20427378	19999228	1.86	cps
Carbon	12-2	191369	186761	193127	190419	1.73	cps
Chlorine	35-1	28925103	32060950	34436787	31807613	8.69	cps
Chlorine	35-2	270394	279204	286111	278570	2.83	cps
Chromium	52-2	78833	78484	77130	78149	1.15	cps
Cobalt	59-2	40334	39177	39354	39622	1.57	cps
Copper	63-2	4063747	4130764	4012054	4068855	1.46	cps
Dysprosium	156-1	16677	16110	16419	16402	1.73	cps
Dysprosium	156-2	10064	10091	9884	10013	1.12	cps
Erbium	164-1	13265	13490	13274	13343	0.96	cps
Erbium	164-2	8656	8336	8249	8414	2.55	cps
Gadolinium	160-1	14542	15142	14750	14811	2.06	cps
Gadolinium	160-2	10227	10504	10388	10373	1.34	cps
Holmium	165-1	6362297	6679612	6397948	6479953	2.68	cps
Holmium	165-2	4493367	4361553	4420755	4425225	1.49	cps
Indium	115-1	5264421	5023905	5402355	5230227	3.66	cps
Indium	115-2	919256	891060	871948	894088	2.66	cps
Iron	54-2	1928246	1899554	1887501	1905100	1.10	cps
Iron	56-2	34124799	34173288	34350571	34216220	0.35	cps
Iron	57-2	848657	856049	860360	855022	0.69	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-05	Instrumnet Name :	P8
Client Sample ID :	MH1JC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:28:17	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1150	1137	1153	1147	0.77	cps
Lead	206-1	3765682	3700106	3875631	3780473	2.35	cps
Lead	207-1	3079216	3074442	3219759	3124472	2.64	cps
Lead	208-1	14198721	14237101	14845638	14427153	2.52	cps
Lithium	6-1	4758396	4765345	4729662	4751134	0.40	cps
Magnesium	24-2	1278361	1238813	1255574	1257583	1.58	cps
Manganese	55-2	632634	630302	632230	631722	0.20	cps
Molybdenum	94-1	12590	11572	12065	12075	4.22	cps
Molybdenum	95-1	10613	11263	11580	11152	4.42	cps
Molybdenum	96-1	13023	13098	12765	12962	1.35	cps
Molybdenum	97-1	6285	6477	6568	6443	2.25	cps
Molybdenum	98-1	16969	16911	17278	17053	1.16	cps
Neodymium	150-1	27529	26867	28711	27702	3.37	cps
Neodymium	150-2	13097	12646	12419	12721	2.71	cps
Nickel	60-2	41751	42112	41434	41766	0.81	cps
Phosphorus	31-2	23244	22526	22234	22668	2.29	cps
Potassium	39-2	1634500	1574211	1592270	1600327	1.93	cps
Rhodium	103-1	6658861	6954518	6906714	6840031	2.32	cps
Rhodium	103-2	4083387	3952816	3966346	4000849	1.79	cps
Scandium	45-1	6785418	6768660	6512892	6688990	2.28	cps
Scandium	45-2	244750	242651	244977	244126	0.53	cps
Selenium	82-1	371	431	421	408	7.85	cps
Selenium	77-2	83	77	87	82	6.19	cps
Selenium	78-2	129	150	144	141	7.67	cps
Silicon	28-1	5576845	5488569	5481898	5515771	0.96	cps
Silver	107-1	18521	18046	18763	18443	1.98	cps
Silver	109-1	16435	16761	16619	16605	0.98	cps
Sodium	23-2	14740281	14929361	14763413	14811018	0.70	cps
Strontium	86-1	1954518	1971306	1985055	1970293	0.78	cps
Strontium	88-1	16329152	16935365	16612028	16625515	1.82	cps
Sulfur	34-1	1023412	1011584	990211	1008402	1.67	cps
Terbium	159-1	7058951	6970447	6963339	6997579	0.76	cps
Terbium	159-2	4493052	4473416	4392977	4453148	1.19	cps
Thallium	203-1	958	975	967	967	0.86	cps
Thallium	205-1	1867	1825	2392	2028	15.58	cps
Tin	118-1	82637504	84462783	85023744	84041344	1.48	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-05	Instrumnet Name :	P8
Client Sample ID :	MH1JC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:28:17	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	221862	212242	209283	214462	3.07	cps
Uranium	238-1	33311	32008	32017	32445	2.31	cps
Vanadium	51-2	65211	65549	66011	65590	0.61	cps
Ytterbium	172-1	3784	3926	3917	3876	2.05	cps
Ytterbium	172-2	2995	2884	3028	2969	2.55	cps
Ytterbium	176-1	2809	3092	3200	3034	6.67	cps
Ytterbium	176-2	7508	7480	8375	7788	6.53	cps
Yttrium	89-1	14807265	15532792	15007656	15115904	2.48	cps
Yttrium	89-2	2058111	2027612	2052806	2046176	0.80	cps
Zinc	66-2	1039207	1021363	1041874	1034148	1.08	cps
Zirconium	90-1	16646	17799	14584	16343	9.97	cps
Zirconium	91-1	3359	3943	3642	3648	8.00	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-06 Instrumnet Name : P8
 Client Sample ID : MH1JC4 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:31:10 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442394	436599	440188	439727	0.67	cps
Antimony	121-1	21125	21835	20558	21173	3.02	cps
Arsenic	75-2	3269	3278	3221	3256	0.94	cps
Barium	135-1	365613	361943	371049	366202	1.25	cps
Barium	137-1	614306	635258	629049	626204	1.72	cps
Beryllium	9-1	1220	1138	1138	1165	4.06	cps
Bismuth	209-1	3702746	3465846	3561243	3576612	3.33	cps
Bismuth	209-2	3059818	3056152	3130385	3082119	1.36	cps
Boron	10-1	16044	16390	16546	16327	1.58	cps
Boron	11-1	73337	76404	77397	75713	2.80	cps
Bromine	81-1	26512	26904	27064	26827	1.06	cps
Cadmium	111-1	5518	5497	5528	5514	0.28	cps
Cadmium	106-1	4392	4351	4242	4329	1.79	cps
Cadmium	108-1	350	338	400	363	9.12	cps
Calcium	43-1	1228077	1283275	1310078	1273810	3.28	cps
Calcium	44-1	20197939	21623060	20616184	20812395	3.52	cps
Carbon	12-1	35617866	34838538	35569533	35341979	1.24	cps
Carbon	12-2	352012	342816	343256	346028	1.50	cps
Chlorine	35-1	29981403	34022758	36395017	33466393	9.69	cps
Chlorine	35-2	291832	295410	305311	297517	2.35	cps
Chromium	52-2	87811	87381	88153	87782	0.44	cps
Cobalt	59-2	28853	28144	29110	28702	1.74	cps
Copper	63-2	321281	315668	318954	318634	0.89	cps
Dysprosium	156-1	13691	13541	13983	13738	1.64	cps
Dysprosium	156-2	8099	7976	8099	8058	0.88	cps
Erbium	164-1	8545	7911	8236	8231	3.85	cps
Erbium	164-2	5394	5164	5244	5268	2.22	cps
Gadolinium	160-1	9562	9479	9537	9526	0.45	cps
Gadolinium	160-2	7072	7222	7312	7202	1.68	cps
Holmium	165-1	6934777	6496020	6327370	6586056	4.76	cps
Holmium	165-2	4491944	4337817	4301484	4377082	2.31	cps
Indium	115-1	7240800	6592285	6804418	6879168	4.81	cps
Indium	115-2	1401470	1390686	1390225	1394127	0.46	cps
Iron	54-2	1540345	1511507	1525865	1525906	0.94	cps
Iron	56-2	27661060	27100874	27426277	27396070	1.03	cps
Iron	57-2	692056	674527	671898	679494	1.61	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-06	Instrumnet Name :	P8
Client Sample ID :	MH1JC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:31:10	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1147	1203	1146	5.09	cps
Lead	206-1	1690183	1756439	1600625	1682416	4.65	cps
Lead	207-1	1379265	1359148	1321267	1353227	2.18	cps
Lead	208-1	6668856	6578742	6359186	6535595	2.44	cps
Lithium	6-1	4772346	4759565	4662283	4731398	1.27	cps
Magnesium	24-2	1848208	1928763	1880704	1885891	2.15	cps
Manganese	55-2	635967	628467	637257	633897	0.75	cps
Molybdenum	94-1	18637	17187	20462	18762	8.75	cps
Molybdenum	95-1	8544	7927	7936	8136	4.35	cps
Molybdenum	96-1	10921	10388	10863	10724	2.73	cps
Molybdenum	97-1	5051	4484	4342	4626	8.11	cps
Molybdenum	98-1	12331	11814	12097	12081	2.14	cps
Neodymium	150-1	19782	19882	19014	19559	2.43	cps
Neodymium	150-2	8893	8893	9167	8984	1.76	cps
Nickel	60-2	23710	24157	24421	24096	1.49	cps
Phosphorus	31-2	19705	18095	18412	18737	4.55	cps
Potassium	39-2	2105011	2095688	2109609	2103436	0.34	cps
Rhodium	103-1	7195576	6777268	6786322	6919722	3.45	cps
Rhodium	103-2	4079099	3926457	4149582	4051713	2.82	cps
Scandium	45-1	6881598	6843732	6576637	6767322	2.46	cps
Scandium	45-2	244190	240004	245465	243220	1.17	cps
Selenium	82-1	271	261	133	222	34.67	cps
Selenium	77-2	50	40	47	46	11.18	cps
Selenium	78-2	111	125	130	122	8.07	cps
Silicon	28-1	5840186	5753138	5675837	5756387	1.43	cps
Silver	107-1	8361	7852	7644	7953	4.64	cps
Silver	109-1	6727	7352	6794	6958	4.94	cps
Sodium	23-2	8761577	8882222	8836147	8826649	0.69	cps
Strontium	86-1	391413	389189	391186	390596	0.31	cps
Strontium	88-1	3419686	3312170	3251098	3327651	2.56	cps
Sulfur	34-1	729267	725949	730639	728618	0.33	cps
Terbium	159-1	7230847	7013584	6680490	6974974	3.97	cps
Terbium	159-2	4528052	4462066	4412521	4467546	1.30	cps
Thallium	203-1	1033	942	1192	1056	11.98	cps
Thallium	205-1	2600	2584	2392	2525	4.59	cps
Tin	118-1	208312	204622	194999	202644	3.39	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-06	Instrumnet Name :	P8
Client Sample ID :	MH1JC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:31:10	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	130139	150388	128836	136454	8.86	cps
Uranium	238-1	13057	12448	13207	12904	3.12	cps
Vanadium	51-2	47395	48060	47288	47581	0.88	cps
Ytterbium	172-1	2217	2142	2234	2197	2.22	cps
Ytterbium	172-2	1772	1956	1722	1817	6.76	cps
Ytterbium	176-1	2209	2309	2250	2256	2.23	cps
Ytterbium	176-2	7080	7480	7447	7335	3.03	cps
Yttrium	89-1	15965086	14648025	14568175	15060429	5.21	cps
Yttrium	89-2	1999378	1952452	2030710	1994180	1.98	cps
Zinc	66-2	662525	655867	654315	657569	0.66	cps
Zirconium	90-1	40550	43824	38095	40823	7.04	cps
Zirconium	91-1	8780	8880	9907	9189	6.79	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-07	Instrumnet Name :	P8
Client Sample ID :	MH1JC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:34:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360444	359651	357309	359135	0.45	cps
Antimony	121-1	33634	34386	35355	34458	2.50	cps
Arsenic	75-2	2890	2918	2812	2873	1.91	cps
Barium	135-1	491250	482584	500664	491500	1.84	cps
Barium	137-1	836490	827163	838666	834106	0.73	cps
Beryllium	9-1	1086	1048	1028	1054	2.80	cps
Bismuth	209-1	3559406	3527489	3479117	3522004	1.15	cps
Bismuth	209-2	3020534	3019252	3109708	3049831	1.70	cps
Boron	10-1	37266	39577	41578	39474	5.47	cps
Boron	11-1	174603	184095	192739	183812	4.94	cps
Bromine	81-1	24256	23745	23063	23688	2.53	cps
Cadmium	111-1	5314	5616	5503	5478	2.79	cps
Cadmium	106-1	4109	4251	4242	4201	1.89	cps
Cadmium	108-1	388	413	442	414	6.55	cps
Calcium	43-1	1143180	1143342	1176930	1154484	1.68	cps
Calcium	44-1	19238405	18781266	19243580	19087750	1.39	cps
Carbon	12-1	36337691	35208086	37989099	36511625	3.83	cps
Carbon	12-2	372689	364710	366010	367803	1.16	cps
Chlorine	35-1	31528336	35152262	38511647	35064082	9.96	cps
Chlorine	35-2	302837	306990	316230	308686	2.22	cps
Chromium	52-2	100121	99936	99520	99859	0.31	cps
Cobalt	59-2	27697	27547	27393	27546	0.55	cps
Copper	63-2	311191	311982	311914	311696	0.14	cps
Dysprosium	156-1	11597	11605	11714	11639	0.56	cps
Dysprosium	156-2	6818	6695	6942	6818	1.81	cps
Erbium	164-1	7961	8219	7677	7953	3.41	cps
Erbium	164-2	4898	5074	5064	5012	1.98	cps
Gadolinium	160-1	9720	8837	9229	9262	4.78	cps
Gadolinium	160-2	6552	6702	6742	6665	1.50	cps
Holmium	165-1	6444724	6305791	6226241	6325585	1.75	cps
Holmium	165-2	4488860	4492443	4496396	4492566	0.08	cps
Indium	115-1	6923607	6725340	6697223	6782057	1.82	cps
Indium	115-2	1393523	1435239	1404969	1411244	1.53	cps
Iron	54-2	1486273	1497865	1446492	1476877	1.82	cps
Iron	56-2	26116149	25864580	27093647	26358125	2.46	cps
Iron	57-2	646727	657280	658140	654049	0.97	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-07	Instrumnet Name :	P8
Client Sample ID :	MH1JC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:34:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1073	1050	1092	4.96	cps
Lead	206-1	1586740	1517808	1597908	1567485	2.77	cps
Lead	207-1	1377011	1351025	1376690	1368242	1.09	cps
Lead	208-1	6429163	6403787	6552067	6461673	1.23	cps
Lithium	6-1	4780953	4614414	4731676	4709015	1.82	cps
Magnesium	24-2	1196417	1183441	1157191	1179016	1.69	cps
Manganese	55-2	681820	672828	671300	675316	0.84	cps
Molybdenum	94-1	17328	15409	16345	16361	5.86	cps
Molybdenum	95-1	6819	6810	7285	6971	3.90	cps
Molybdenum	96-1	9420	11074	10404	10300	8.08	cps
Molybdenum	97-1	4251	4409	4117	4259	3.43	cps
Molybdenum	98-1	10955	10688	11247	10963	2.55	cps
Neodymium	150-1	17478	16931	17578	17329	2.01	cps
Neodymium	150-2	8079	8119	8296	8165	1.41	cps
Nickel	60-2	22364	22244	21984	22197	0.88	cps
Phosphorus	31-2	19105	19096	19422	19208	0.97	cps
Potassium	39-2	1775619	1712157	1767248	1751675	1.97	cps
Rhodium	103-1	6901477	6714932	6511786	6709398	2.90	cps
Rhodium	103-2	3987769	4076298	4094571	4052880	1.41	cps
Scandium	45-1	6655779	6549382	6503236	6569466	1.19	cps
Scandium	45-2	239772	247215	245298	244095	1.58	cps
Selenium	82-1	157	228	258	214	24.10	cps
Selenium	77-2	47	57	50	51	9.96	cps
Selenium	78-2	116	114	117	116	1.32	cps
Silicon	28-1	5920114	5842114	6080579	5947602	2.04	cps
Silver	107-1	7511	7561	7869	7647	2.54	cps
Silver	109-1	6952	6977	7285	7071	2.63	cps
Sodium	23-2	12451423	12538023	12271317	12420254	1.10	cps
Strontium	86-1	361150	352889	373944	362661	2.93	cps
Strontium	88-1	3152424	2975257	3017938	3048539	3.03	cps
Sulfur	34-1	800262	787255	787552	791689	0.94	cps
Terbium	159-1	6973728	6789956	6839675	6867787	1.38	cps
Terbium	159-2	4488891	4501555	4336716	4442388	2.06	cps
Thallium	203-1	758	892	1008	886	14.12	cps
Thallium	205-1	2084	2325	2092	2167	6.33	cps
Tin	118-1	257293	251225	267988	258835	3.28	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-07	Instrumnet Name :	P8
Client Sample ID :	MH1JC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:34:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	121717	120060	118961	120246	1.15	cps
Uranium	238-1	10813	12031	11247	11364	5.43	cps
Vanadium	51-2	43412	43028	43676	43372	0.75	cps
Ytterbium	172-1	2250	2117	2175	2181	3.07	cps
Ytterbium	172-2	1839	1850	1806	1832	1.26	cps
Ytterbium	176-1	2092	1967	2409	2156	10.56	cps
Ytterbium	176-2	6613	6930	7452	6998	6.06	cps
Yttrium	89-1	14773878	14334709	14100767	14403118	2.37	cps
Yttrium	89-2	1961922	2031340	2003607	1998956	1.75	cps
Zinc	66-2	750991	753937	747081	750670	0.46	cps
Zirconium	90-1	36799	52565	39890	43085	19.39	cps
Zirconium	91-1	7795	8171	8070	8012	2.43	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-08	Instrumnet Name :	P8
Client Sample ID :	MH1JC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:37:03	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1004274	1002909	998512	1001898	0.30	cps
Antimony	121-1	16978	16936	16636	16850	1.11	cps
Arsenic	75-2	2584	2592	2552	2576	0.80	cps
Barium	135-1	236684	235130	232125	234646	0.99	cps
Barium	137-1	418699	399400	399792	405964	2.72	cps
Beryllium	9-1	1150	1114	1194	1152	3.48	cps
Bismuth	209-1	3511873	3692896	3254256	3486342	6.32	cps
Bismuth	209-2	2926806	2883066	2819734	2876535	1.87	cps
Boron	10-1	18108	19409	19253	18923	3.76	cps
Boron	11-1	85665	88235	88266	87389	1.71	cps
Bromine	81-1	21619	20677	20556	20951	2.78	cps
Cadmium	111-1	4276	4269	4284	4276	0.17	cps
Cadmium	106-1	4076	4126	4001	4067	1.55	cps
Cadmium	108-1	229	229	250	236	5.09	cps
Calcium	43-1	3289748	3152778	3259217	3233914	2.22	cps
Calcium	44-1	53135974	51392564	51110899	51879812	2.11	cps
Carbon	12-1	16506794	16852509	17126365	16828556	1.84	cps
Carbon	12-2	165643	161102	161330	162692	1.57	cps
Chlorine	35-1	30229630	33082246	35095067	32802314	7.45	cps
Chlorine	35-2	273253	280903	288277	280811	2.68	cps
Chromium	52-2	162549	159732	160746	161009	0.89	cps
Cobalt	59-2	17191	17688	17070	17316	1.89	cps
Copper	63-2	1086289	1088000	1072813	1082367	0.77	cps
Dysprosium	156-1	8878	9262	9704	9281	4.45	cps
Dysprosium	156-2	5311	5488	5321	5373	1.85	cps
Erbium	164-1	7436	7052	7327	7272	2.72	cps
Erbium	164-2	4654	4771	4537	4654	2.51	cps
Gadolinium	160-1	7869	7644	7244	7586	4.18	cps
Gadolinium	160-2	5668	5535	5298	5500	3.41	cps
Holmium	165-1	6476214	6947076	6141843	6521711	6.20	cps
Holmium	165-2	4396428	4293282	4372137	4353949	1.24	cps
Indium	115-1	6939248	7319903	6590349	6949833	5.25	cps
Indium	115-2	1357688	1369641	1367205	1364845	0.46	cps
Iron	54-2	1767347	1697228	1728074	1730883	2.03	cps
Iron	56-2	30407665	30772642	31074049	30751452	1.09	cps
Iron	57-2	764625	766133	765496	765418	0.10	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-08	Instrumnet Name :	P8
Client Sample ID :	MH1JC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:37:03	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1050	1107	1107	5.12	cps
Lead	206-1	1789054	1867036	1805206	1820432	2.26	cps
Lead	207-1	1449999	1464647	1428129	1447592	1.27	cps
Lead	208-1	7027506	7060950	6798032	6962163	2.06	cps
Lithium	6-1	4901303	4945040	4729631	4858658	2.34	cps
Magnesium	24-2	929767	910577	918463	919602	1.05	cps
Manganese	55-2	315472	315860	310963	314098	0.87	cps
Molybdenum	94-1	17321	18340	17246	17636	3.46	cps
Molybdenum	95-1	7686	7060	7102	7283	4.80	cps
Molybdenum	96-1	10780	10554	10179	10504	2.89	cps
Molybdenum	97-1	4493	4551	4459	4501	1.03	cps
Molybdenum	98-1	11271	11397	11513	11394	1.06	cps
Neodymium	150-1	15563	14822	14248	14877	4.43	cps
Neodymium	150-2	6612	6845	6705	6721	1.75	cps
Nickel	60-2	42012	42570	42363	42315	0.67	cps
Phosphorus	31-2	33072	32512	31427	32337	2.59	cps
Potassium	39-2	1002708	985450	989771	992643	0.90	cps
Rhodium	103-1	6778757	7099900	6593599	6824085	3.75	cps
Rhodium	103-2	4025068	3842461	3935698	3934409	2.32	cps
Scandium	45-1	6727595	6819522	6405498	6650872	3.27	cps
Scandium	45-2	241798	238826	237006	239210	1.01	cps
Selenium	82-1	115	331	212	219	49.48	cps
Selenium	77-2	37	43	40	40	8.32	cps
Selenium	78-2	106	87	115	103	13.92	cps
Silicon	28-1	6490395	5877923	5908640	6092320	5.66	cps
Silver	107-1	3851	3392	3259	3501	8.87	cps
Silver	109-1	3300	3317	3292	3303	0.39	cps
Sodium	23-2	3250761	3101848	3163139	3171916	2.36	cps
Strontium	86-1	583526	571774	572579	575960	1.14	cps
Strontium	88-1	4820062	4813111	4916699	4849957	1.19	cps
Sulfur	34-1	867607	881336	875959	874967	0.79	cps
Terbium	159-1	6787562	7202379	6835704	6941882	3.27	cps
Terbium	159-2	4257280	4338997	4236039	4277439	1.27	cps
Thallium	203-1	667	733	625	675	8.10	cps
Thallium	205-1	1492	1742	1425	1553	10.75	cps
Tin	118-1	231249	234020	225524	230264	1.88	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-08	Instrumnet Name :	P8
Client Sample ID :	MH1JC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:37:03	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	634639	621895	620678	625737	1.24	cps
Uranium	238-1	12932	12915	12298	12715	2.84	cps
Vanadium	51-2	76754	76962	76641	76786	0.21	cps
Ytterbium	172-1	2434	2592	2842	2623	7.85	cps
Ytterbium	172-2	2022	1850	1917	1930	4.50	cps
Ytterbium	176-1	2392	2417	2417	2409	0.60	cps
Ytterbium	176-2	7035	6802	7347	7061	3.87	cps
Yttrium	89-1	14378113	14544984	14496630	14473242	0.59	cps
Yttrium	89-2	1944869	1932094	1939770	1938911	0.33	cps
Zinc	66-2	324039	325670	326199	325303	0.35	cps
Zirconium	90-1	38375	37495	38624	38164	1.55	cps
Zirconium	91-1	8830	9847	10550	9743	8.88	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-09 Instrumnet Name : P8
 Client Sample ID : MH1JC7 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:39:59 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	248802	245411	245916	246710	0.74	cps
Antimony	121-1	32832	33149	34177	33386	2.11	cps
Arsenic	75-2	865	884	785	845	6.22	cps
Barium	135-1	232112	232602	237970	234228	1.39	cps
Barium	137-1	391443	401091	397709	396748	1.23	cps
Beryllium	9-1	790	850	786	809	4.43	cps
Bismuth	209-1	3507554	3585244	3393042	3495280	2.77	cps
Bismuth	209-2	2958222	2923242	3003424	2961629	1.36	cps
Boron	10-1	44288	47443	49191	46974	5.29	cps
Boron	11-1	211690	225693	230803	222728	4.44	cps
Bromine	81-1	26914	26492	26924	26777	0.92	cps
Cadmium	111-1	5097	5333	5443	5291	3.34	cps
Cadmium	106-1	4001	4376	4468	4281	5.78	cps
Cadmium	108-1	333	275	342	317	11.47	cps
Calcium	43-1	880464	889652	901507	890541	1.18	cps
Calcium	44-1	13902563	14683928	14729041	14438511	3.22	cps
Carbon	12-1	43044832	44740517	44377986	44054445	2.03	cps
Carbon	12-2	432992	434453	431503	432982	0.34	cps
Chlorine	35-1	40011748	45449794	50528633	45330058	11.60	cps
Chlorine	35-2	394357	401797	418072	404742	3.00	cps
Chromium	52-2	65992	63738	65098	64942	1.75	cps
Cobalt	59-2	17831	16873	17110	17272	2.89	cps
Copper	63-2	278979	277623	274568	277057	0.82	cps
Dysprosium	156-1	8203	7828	8344	8125	3.29	cps
Dysprosium	156-2	4944	4724	4417	4695	5.64	cps
Erbium	164-1	4834	5268	5351	5151	5.39	cps
Erbium	164-2	3277	3517	3270	3355	4.19	cps
Gadolinium	160-1	6060	6268	6235	6188	1.81	cps
Gadolinium	160-2	4197	4171	4334	4234	2.07	cps
Holmium	165-1	6653656	6394892	6519716	6522754	1.98	cps
Holmium	165-2	4239918	4447945	4459286	4382383	2.82	cps
Indium	115-1	6961507	7146174	6707640	6938440	3.17	cps
Indium	115-2	1357157	1386147	1394412	1379239	1.42	cps
Iron	54-2	868943	851398	850004	856782	1.23	cps
Iron	56-2	16072388	15550713	15537355	15720152	1.94	cps
Iron	57-2	392860	385571	390261	389564	0.95	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-09	Instrumnet Name :	P8
Client Sample ID :	MH1JC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:39:59	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1220	1113	1146	5.65	cps
Lead	206-1	231190	229624	230712	230509	0.35	cps
Lead	207-1	188837	196733	192008	192526	2.06	cps
Lead	208-1	888476	891644	890701	890273	0.18	cps
Lithium	6-1	4635960	4764698	4791345	4730668	1.76	cps
Magnesium	24-2	1396036	1363010	1401480	1386842	1.50	cps
Manganese	55-2	397023	387590	388845	391152	1.31	cps
Molybdenum	94-1	28274	27887	27378	27846	1.61	cps
Molybdenum	95-1	7335	7027	7102	7155	2.25	cps
Molybdenum	96-1	12064	12331	12039	12144	1.33	cps
Molybdenum	97-1	4843	4084	4651	4526	8.72	cps
Molybdenum	98-1	11288	10896	11438	11208	2.50	cps
Neodymium	150-1	15569	15482	16344	15798	3.00	cps
Neodymium	150-2	7385	7409	7029	7274	2.93	cps
Nickel	60-2	21046	20375	20465	20628	1.77	cps
Phosphorus	31-2	50222	49786	49393	49800	0.83	cps
Potassium	39-2	5128563	5022063	4978115	5042913	1.53	cps
Rhodium	103-1	6799673	6649636	6940330	6796546	2.14	cps
Rhodium	103-2	3867980	3955634	3900588	3908067	1.13	cps
Scandium	45-1	6334679	6935729	6602461	6624290	4.55	cps
Scandium	45-2	238324	240063	246324	241570	1.74	cps
Selenium	82-1	175	104	139	139	25.41	cps
Selenium	77-2	33	3	30	22	74.00	cps
Selenium	78-2	102	92	80	91	12.06	cps
Silicon	28-1	7055174	7023878	7161325	7080125	1.02	cps
Silver	107-1	19589	19739	19147	19492	1.58	cps
Silver	109-1	17970	19197	19573	18913	4.43	cps
Sodium	23-2	23255313	23276710	23453928	23328650	0.47	cps
Strontium	86-1	345845	337120	350081	344349	1.92	cps
Strontium	88-1	2897060	2972611	2963785	2944485	1.40	cps
Sulfur	34-1	926151	910741	919410	918768	0.84	cps
Terbium	159-1	6941453	7187420	6800128	6976334	2.81	cps
Terbium	159-2	4417685	4354107	4502450	4424747	1.68	cps
Thallium	203-1	700	642	742	694	7.23	cps
Thallium	205-1	1425	1684	1492	1533	8.75	cps
Tin	118-1	360304	372107	377578	369997	2.39	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-09	Instrumnet Name :	P8
Client Sample ID :	MH1JC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:39:59	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175490	175063	174415	174989	0.31	cps
Uranium	238-1	9229	9454	9470	9384	1.44	cps
Vanadium	51-2	26481	25479	25703	25888	2.03	cps
Ytterbium	172-1	1417	1392	1675	1495	10.50	cps
Ytterbium	172-2	1239	1156	1133	1176	4.73	cps
Ytterbium	176-1	1533	1633	1775	1647	7.37	cps
Ytterbium	176-2	6463	7058	6796	6772	4.40	cps
Yttrium	89-1	14584836	15105433	14487108	14725792	2.26	cps
Yttrium	89-2	1907423	1888247	1984580	1926750	2.65	cps
Zinc	66-2	241452	233877	234352	236560	1.79	cps
Zirconium	90-1	66361	66896	69176	67477	2.22	cps
Zirconium	91-1	15552	16338	14708	15533	5.25	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCV060 Instrumnet Name : P8
 Client Sample ID : CCV060 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:43:52 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2284201	2271008	2309969	2288393	0.87	cps
Antimony	121-1	2069261	1988713	2084916	2047630	2.52	cps
Arsenic	75-2	79874	79179	80099	79717	0.60	cps
Barium	135-1	2651839	2657435	2697937	2669070	0.94	cps
Barium	137-1	4493774	4512124	4458034	4487977	0.61	cps
Beryllium	9-1	883710	893506	879028	885415	0.83	cps
Bismuth	209-1	3373165	3246731	3268563	3296153	2.05	cps
Bismuth	209-2	2604772	2606725	2648979	2620159	0.95	cps
Boron	10-1	80910	83461	87535	83969	3.98	cps
Boron	11-1	363062	387628	394050	381580	4.29	cps
Bromine	81-1	17278	17700	17689	17556	1.37	cps
Cadmium	111-1	555680	561242	547381	554768	1.26	cps
Cadmium	106-1	65952	65122	65506	65526	0.63	cps
Cadmium	108-1	44104	44171	43523	43933	0.81	cps
Calcium	43-1	4738196	4787540	4795333	4773690	0.65	cps
Calcium	44-1	77657283	77852559	77863870	77791237	0.15	cps
Carbon	12-1	6962837	7094970	7366085	7141297	2.88	cps
Carbon	12-2	73375	72144	72203	72574	0.96	cps
Chlorine	35-1	9317666	8882203	8385671	8861846	5.26	cps
Chlorine	35-2	52111	48540	46818	49156	5.49	cps
Chromium	52-2	872638	862268	857167	864024	0.91	cps
Cobalt	59-2	1620457	1616276	1655308	1630681	1.31	cps
Copper	63-2	11924890	11898896	11570793	11798193	1.67	cps
Dysprosium	156-1	442	492	367	433	14.52	cps
Dysprosium	156-2	280	267	210	252	14.74	cps
Erbium	164-1	175	117	167	153	20.65	cps
Erbium	164-2	37	57	57	50	23.09	cps
Gadolinium	160-1	517	400	308	408	25.57	cps
Gadolinium	160-2	283	323	313	307	6.79	cps
Holmium	165-1	6605488	6400933	6830048	6612156	3.25	cps
Holmium	165-2	4239991	4122494	4220596	4194360	1.50	cps
Indium	115-1	6466893	6423408	6731439	6540580	2.55	cps
Indium	115-2	1260718	1232295	1273759	1255591	1.69	cps
Iron	54-2	9129352	8909904	8827289	8955515	1.74	cps
Iron	56-2	164668448	165763404	162136070	164189307	1.13	cps
Iron	57-2	4124880	4112201	4174393	4137158	0.79	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV060	Instrumnet Name :	P8
Client Sample ID :	CCV060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:43:52	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1073	1040	1108	8.13	cps
Lead	206-1	5787206	5554511	5817629	5719782	2.52	cps
Lead	207-1	5066016	4947793	5083385	5032398	1.47	cps
Lead	208-1	22882524	22515329	22430745	22609533	1.06	cps
Lithium	6-1	4530665	4460417	4653770	4548284	2.15	cps
Magnesium	24-2	33291104	32388802	32215079	32631661	1.77	cps
Manganese	55-2	4541748	4514890	4455550	4504063	0.98	cps
Molybdenum	94-1	9449099	9677684	9456443	9527742	1.36	cps
Molybdenum	95-1	13669541	13368225	13686715	13574827	1.32	cps
Molybdenum	96-1	14983189	15071983	14875101	14976758	0.66	cps
Molybdenum	97-1	8350069	8592621	8314889	8419193	1.80	cps
Molybdenum	98-1	21925523	21995048	21987316	21969295	0.17	cps
Neodymium	150-1	200	253	180	211	17.96	cps
Neodymium	150-2	57	57	63	59	6.53	cps
Nickel	60-2	418438	407617	409160	411738	1.42	cps
Phosphorus	31-2	24021	24254	23319	23865	2.04	cps
Potassium	39-2	13015001	12759032	12940174	12904736	1.02	cps
Rhodium	103-1	6479968	6627095	6509373	6538812	1.19	cps
Rhodium	103-2	3572200	3409336	3570082	3517206	2.66	cps
Scandium	45-1	6769853	6488766	6759790	6672803	2.39	cps
Scandium	45-2	221726	215689	217628	218348	1.41	cps
Selenium	82-1	47014	47191	47459	47221	0.47	cps
Selenium	77-2	1750	1500	1720	1657	8.24	cps
Selenium	78-2	5696	5525	5710	5643	1.83	cps
Silicon	28-1	3370467	3590858	3713217	3558181	4.88	cps
Silver	107-1	2778134	2717902	2766991	2754342	1.16	cps
Silver	109-1	2570101	2582869	2529537	2560836	1.09	cps
Sodium	23-2	64721224	63614797	62931239	63755754	1.42	cps
Strontium	86-1	8848965	8712391	8750370	8770575	0.80	cps
Strontium	88-1	76072506	75546298	73345137	74987980	1.93	cps
Sulfur	34-1	783373	802349	792434	792719	1.20	cps
Terbium	159-1	6798859	7033693	6807291	6879948	1.94	cps
Terbium	159-2	4106948	4104777	4137989	4116572	0.45	cps
Thallium	203-1	1364774	1393777	1352550	1370367	1.55	cps
Thallium	205-1	3329990	3108300	3308379	3248890	3.76	cps
Tin	118-1	1815939	1815708	1846502	1826050	0.97	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV060	Instrumnet Name :	P8
Client Sample ID :	CCV060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:43:52	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5254111	5314179	5245808	5271366	0.71	cps
Uranium	238-1	4016654	4058857	4046941	4040817	0.54	cps
Vanadium	51-2	730812	723355	723133	725766	0.60	cps
Ytterbium	172-1	42	75	33	50	44.10	cps
Ytterbium	172-2	39	50	33	41	20.83	cps
Ytterbium	176-1	6493	7586	7144	7074	7.77	cps
Ytterbium	176-2	9037	9921	10065	9674	5.76	cps
Yttrium	89-1	14303000	14390119	13907810	14200310	1.81	cps
Yttrium	89-2	1799380	1741956	1768982	1770106	1.62	cps
Zinc	66-2	1209472	1219756	1213428	1214219	0.43	cps
Zirconium	90-1	4839240	4702927	4628412	4723526	2.26	cps
Zirconium	91-1	1048909	1052331	1035536	1045592	0.85	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB060	Instrumnet Name :	P8
Client Sample ID :	CCB060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:50:26	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336	302	330	323	5.56	cps
Antimony	121-1	233	400	433	356	30.14	cps
Arsenic	75-2	8	5	11	8	37.50	cps
Barium	135-1	58	67	42	56	22.91	cps
Barium	137-1	0	108	58	56	97.59	cps
Beryllium	9-1	116	122	122	120	2.89	cps
Bismuth	209-1	3303801	3291019	3374221	3323014	1.35	cps
Bismuth	209-2	2765587	2815831	2966268	2849229	3.67	cps
Boron	10-1	4202	4032	3844	4026	4.45	cps
Boron	11-1	19241	18474	17701	18472	4.17	cps
Bromine	81-1	17218	17088	17208	17172	0.42	cps
Cadmium	111-1	2196	2125	2449	2257	7.54	cps
Cadmium	106-1	3125	2992	3484	3200	7.95	cps
Cadmium	108-1	42	33	21	32	32.84	cps
Calcium	43-1	631	611	636	626	2.11	cps
Calcium	44-1	34144	33893	33708	33915	0.65	cps
Carbon	12-1	5037282	4975218	4794238	4935579	2.56	cps
Carbon	12-2	45605	45596	43122	44775	3.20	cps
Chlorine	35-1	3002986	2922266	2867918	2931057	2.32	cps
Chlorine	35-2	18521	17486	18454	18153	3.19	cps
Chromium	52-2	863	943	753	853	11.18	cps
Cobalt	59-2	60	80	47	62	26.96	cps
Copper	63-2	1050	1040	967	1019	4.47	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	30	20	53	34	49.66	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	33	87	50	57	48.15	cps
Holmium	165-1	6136127	6259124	6365119	6253457	1.83	cps
Holmium	165-2	4070718	4163593	4141593	4125301	1.18	cps
Indium	115-1	6579611	6700895	6790238	6690248	1.58	cps
Indium	115-2	1278971	1312393	1318800	1303388	1.64	cps
Iron	54-2	1200	1045	1139	1128	6.95	cps
Iron	56-2	14485	14975	14502	14654	1.90	cps
Iron	57-2	544	506	406	485	14.77	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB060	Instrumnet Name :	P8
Client Sample ID :	CCB060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:50:26	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1083	1133	1120	2.87	cps
Lead	206-1	622	650	567	613	6.92	cps
Lead	207-1	472	478	589	513	12.83	cps
Lead	208-1	2411	2378	2333	2374	1.64	cps
Lithium	6-1	4454032	4492281	4518688	4488333	0.72	cps
Magnesium	24-2	2717	2575	2400	2564	6.19	cps
Manganese	55-2	80	100	67	82	20.40	cps
Molybdenum	94-1	350	483	500	444	18.50	cps
Molybdenum	95-1	467	317	325	369	22.82	cps
Molybdenum	96-1	433	400	342	392	11.85	cps
Molybdenum	97-1	275	200	183	219	22.25	cps
Molybdenum	98-1	675	442	400	506	29.32	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	97	80	82	16.39	cps
Phosphorus	31-2	300	225	267	264	14.24	cps
Potassium	39-2	21458	21032	21851	21447	1.91	cps
Rhodium	103-1	6507832	6597878	6747093	6617601	1.83	cps
Rhodium	103-2	3818079	3755174	3736306	3769853	1.14	cps
Scandium	45-1	6199960	6280954	6295803	6258906	0.82	cps
Scandium	45-2	215022	217685	218908	217205	0.91	cps
Selenium	82-1	-67	35	-29	-20	-251.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	60	56	63	13.29	cps
Silicon	28-1	795947	785199	790398	790515	0.68	cps
Silver	107-1	200	333	292	275	24.80	cps
Silver	109-1	258	292	250	267	8.27	cps
Sodium	23-2	24538	24129	23486	24051	2.20	cps
Strontium	86-1	1942	1383	1842	1722	17.29	cps
Strontium	88-1	967	933	858	920	6.03	cps
Sulfur	34-1	426879	423431	423300	424537	0.48	cps
Terbium	159-1	6833909	6464932	6621324	6640055	2.79	cps
Terbium	159-2	4138847	4165782	4200363	4168331	0.74	cps
Thallium	203-1	342	283	283	303	11.12	cps
Thallium	205-1	642	783	692	706	10.18	cps
Tin	118-1	1384	992	1083	1153	17.81	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB060	Instrumnet Name :	P8
Client Sample ID :	CCB060	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:50:26	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	308	250	275	10.93	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	17	10	3	10	66.70	cps
Ytterbium	172-1	25	25	42	31	31.50	cps
Ytterbium	172-2	11	17	11	13	24.76	cps
Ytterbium	176-1	825	592	750	722	16.49	cps
Ytterbium	176-2	5412	5890	6040	5781	5.67	cps
Yttrium	89-1	13704098	13915919	14042249	13887422	1.23	cps
Yttrium	89-2	1762840	1776344	1825136	1788107	1.83	cps
Zinc	66-2	130	173	170	158	15.28	cps
Zirconium	90-1	800	767	817	794	3.20	cps
Zirconium	91-1	150	200	125	158	24.12	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-10	Instrumnet Name :	P8
Client Sample ID :	MH1JC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:53:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415904	415905	413772	415194	0.30	cps
Antimony	121-1	38572	38530	39190	38764	0.95	cps
Arsenic	75-2	1486	1479	1461	1476	0.87	cps
Barium	135-1	381856	377779	383517	381051	0.77	cps
Barium	137-1	653741	649566	656502	653270	0.53	cps
Beryllium	9-1	1496	1446	1482	1474	1.75	cps
Bismuth	209-1	3497821	3630001	3590169	3572664	1.90	cps
Bismuth	209-2	3059365	2948626	3016355	3008115	1.86	cps
Boron	10-1	23005	23474	24684	23721	3.65	cps
Boron	11-1	102317	109481	114091	108630	5.46	cps
Bromine	81-1	28248	27877	27485	27870	1.37	cps
Cadmium	111-1	5910	6226	6504	6213	4.79	cps
Cadmium	106-1	3826	4334	4551	4237	8.79	cps
Cadmium	108-1	396	363	379	379	4.40	cps
Calcium	43-1	1428180	1468642	1489025	1461949	2.12	cps
Calcium	44-1	22859859	23150324	23411429	23140537	1.19	cps
Carbon	12-1	40785981	41540834	42236373	41521063	1.75	cps
Carbon	12-2	394437	403685	404625	400916	1.40	cps
Chlorine	35-1	19202656	24487829	29158489	24282991	20.51	cps
Chlorine	35-2	244160	261234	275782	260392	6.08	cps
Chromium	52-2	97349	98651	96563	97521	1.08	cps
Cobalt	59-2	25349	25399	25212	25320	0.38	cps
Copper	63-2	826607	813639	815923	818723	0.85	cps
Dysprosium	156-1	15459	16461	15851	15924	3.17	cps
Dysprosium	156-2	8810	8840	8920	8856	0.64	cps
Erbium	164-1	10221	9812	9695	9910	2.78	cps
Erbium	164-2	6182	6061	6208	6150	1.27	cps
Gadolinium	160-1	11238	11288	10546	11024	3.76	cps
Gadolinium	160-2	7742	8153	7939	7945	2.58	cps
Holmium	165-1	6715987	6828728	6790309	6778341	0.85	cps
Holmium	165-2	4668514	4530827	4458197	4552513	2.35	cps
Indium	115-1	7034763	7017287	7105549	7052533	0.66	cps
Indium	115-2	1426773	1395490	1401905	1408056	1.17	cps
Iron	54-2	1521523	1550161	1531876	1534520	0.94	cps
Iron	56-2	27936672	27780874	27652080	27789875	0.51	cps
Iron	57-2	688554	681398	677939	682630	0.79	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-10	Instrumnet Name :	P8
Client Sample ID :	MH1JC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:53:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1250	1063	1177	1163	8.08	cps
Lead	206-1	452167	467511	461967	460548	1.69	cps
Lead	207-1	403384	392342	395333	397020	1.44	cps
Lead	208-1	1814610	1802852	1803859	1807107	0.36	cps
Lithium	6-1	4830418	4809990	4916828	4852412	1.17	cps
Magnesium	24-2	1261843	1281749	1210687	1251426	2.93	cps
Manganese	55-2	697534	688747	689174	691818	0.72	cps
Molybdenum	94-1	18347	18188	19367	18634	3.43	cps
Molybdenum	95-1	9103	9662	9829	9531	3.99	cps
Molybdenum	96-1	12589	13440	12915	12981	3.31	cps
Molybdenum	97-1	5676	5893	6493	6021	7.03	cps
Molybdenum	98-1	14299	15117	14658	14691	2.79	cps
Neodymium	150-1	24156	24256	24483	24298	0.69	cps
Neodymium	150-2	11272	11008	11405	11228	1.80	cps
Nickel	60-2	30914	30496	30710	30707	0.68	cps
Phosphorus	31-2	25106	24054	23762	24307	2.91	cps
Potassium	39-2	2490427	2475754	2408646	2458276	1.77	cps
Rhodium	103-1	6860313	7025891	7160044	7015416	2.14	cps
Rhodium	103-2	4175154	4019939	4033014	4076036	2.11	cps
Scandium	45-1	6980304	6910032	6878243	6922860	0.75	cps
Scandium	45-2	244846	241335	241418	242533	0.83	cps
Selenium	82-1	89	298	215	201	52.55	cps
Selenium	77-2	53	43	53	50	11.55	cps
Selenium	78-2	123	94	119	112	14.03	cps
Silicon	28-1	6326325	6546936	6465131	6446130	1.73	cps
Silver	107-1	9787	9720	9587	9698	1.05	cps
Silver	109-1	9087	9120	9495	9234	2.46	cps
Sodium	23-2	22080720	22608353	22294586	22327886	1.19	cps
Strontium	86-1	641920	638218	652534	644224	1.15	cps
Strontium	88-1	5436877	5412455	5316048	5388460	1.19	cps
Sulfur	34-1	840427	831189	839302	836972	0.60	cps
Terbium	159-1	7470377	7453550	7595092	7506340	1.03	cps
Terbium	159-2	4557323	4528071	4451536	4512310	1.21	cps
Thallium	203-1	592	708	842	714	17.52	cps
Thallium	205-1	1659	1608	1967	1745	11.13	cps
Tin	118-1	361365	378853	368315	369511	2.38	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-10	Instrumnet Name :	P8
Client Sample ID :	MH1JC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:53:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	198425	199514	201511	199817	0.78	cps
Uranium	238-1	15335	16294	15852	15827	3.03	cps
Vanadium	51-2	50696	49047	50004	49916	1.66	cps
Ytterbium	172-1	2884	2809	2850	2848	1.32	cps
Ytterbium	172-2	2122	2200	2117	2147	2.17	cps
Ytterbium	176-1	2350	2742	2484	2525	7.89	cps
Ytterbium	176-2	7730	7797	7408	7645	2.72	cps
Yttrium	89-1	15289969	15580258	15423567	15431265	0.94	cps
Yttrium	89-2	2078998	1977281	2042325	2032868	2.53	cps
Zinc	66-2	346734	351122	341857	346571	1.34	cps
Zirconium	90-1	34423	34363	38354	35713	6.40	cps
Zirconium	91-1	7511	9391	9714	8872	13.41	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-11	Instrumnet Name :	P8
Client Sample ID :	MH1JC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:56:24	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306975	309874	307767	308205	0.49	cps
Antimony	121-1	95676	95064	94938	95226	0.41	cps
Arsenic	75-2	1266	1279	1170	1239	4.81	cps
Barium	135-1	261767	262522	253891	259393	1.84	cps
Barium	137-1	451743	442094	446321	446719	1.08	cps
Beryllium	9-1	1180	1292	1174	1215	5.47	cps
Bismuth	209-1	3329288	3587296	3534565	3483716	3.91	cps
Bismuth	209-2	3019765	3065042	3094530	3059779	1.23	cps
Boron	10-1	27013	27953	28905	27957	3.38	cps
Boron	11-1	126806	128144	128909	127953	0.83	cps
Bromine	81-1	34939	36566	34719	35408	2.85	cps
Cadmium	111-1	5006	5227	5019	5084	2.45	cps
Cadmium	106-1	4026	4167	4159	4117	1.93	cps
Cadmium	108-1	375	283	288	315	16.42	cps
Calcium	43-1	2883222	2864549	2813529	2853767	1.26	cps
Calcium	44-1	46695091	45589498	46718655	46334415	1.39	cps
Carbon	12-1	36788192	37207596	38164888	37386892	1.89	cps
Carbon	12-2	373928	374056	368799	372261	0.81	cps
Chlorine	35-1	26464208	29375905	31150825	28996979	8.16	cps
Chlorine	35-2	243523	255305	262959	253929	3.86	cps
Chromium	52-2	78310	78246	78215	78257	0.06	cps
Cobalt	59-2	26395	26127	26158	26226	0.56	cps
Copper	63-2	412601	412236	415534	413457	0.44	cps
Dysprosium	156-1	15710	15434	15309	15484	1.32	cps
Dysprosium	156-2	9077	9020	8966	9021	0.61	cps
Erbium	164-1	10863	10830	10696	10796	0.82	cps
Erbium	164-2	6785	6809	6859	6817	0.55	cps
Gadolinium	160-1	11213	11013	11756	11327	3.39	cps
Gadolinium	160-2	8293	8703	8636	8544	2.58	cps
Holmium	165-1	6067448	6566165	6588504	6407372	4.60	cps
Holmium	165-2	4516308	4432041	4537200	4495183	1.24	cps
Indium	115-1	6543591	6937051	6916514	6799052	3.26	cps
Indium	115-2	1376571	1392727	1406633	1391977	1.08	cps
Iron	54-2	1095730	1076875	1078886	1083830	0.96	cps
Iron	56-2	19923096	19771257	20153825	19949393	0.97	cps
Iron	57-2	487326	495105	489824	490752	0.81	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-11	Instrumnet Name :	P8
Client Sample ID :	MH1JC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:56:24	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1217	1233	1212	1.95	cps
Lead	206-1	255631	245185	249244	250020	2.11	cps
Lead	207-1	212752	206057	201818	206876	2.66	cps
Lead	208-1	977801	967074	967440	970771	0.63	cps
Lithium	6-1	4601592	4607810	4802676	4670692	2.45	cps
Magnesium	24-2	2268816	2213904	2286413	2256377	1.68	cps
Manganese	55-2	519851	524832	527429	524037	0.73	cps
Molybdenum	94-1	23413	21835	20866	22038	5.83	cps
Molybdenum	95-1	7894	8186	8094	8058	1.85	cps
Molybdenum	96-1	11680	11313	11597	11530	1.67	cps
Molybdenum	97-1	5051	4709	4801	4854	3.64	cps
Molybdenum	98-1	12840	12564	12548	12651	1.30	cps
Neodymium	150-1	25057	24730	25124	24970	0.84	cps
Neodymium	150-2	11271	11338	11458	11356	0.83	cps
Nickel	60-2	26695	26451	26445	26530	0.54	cps
Phosphorus	31-2	16068	16276	16151	16165	0.65	cps
Potassium	39-2	2027559	2027446	2032398	2029135	0.14	cps
Rhodium	103-1	6446027	6724979	6848760	6673256	3.09	cps
Rhodium	103-2	3978930	3911527	4078801	3989753	2.11	cps
Scandium	45-1	6307704	6583669	6526281	6472551	2.25	cps
Scandium	45-2	242382	243743	244957	243694	0.53	cps
Selenium	82-1	179	139	95	138	30.30	cps
Selenium	77-2	40	57	53	50	17.64	cps
Selenium	78-2	119	126	115	120	4.64	cps
Silicon	28-1	4324959	4291706	4346090	4320919	0.63	cps
Silver	107-1	10671	10388	10696	10585	1.62	cps
Silver	109-1	9704	10654	9929	10096	4.92	cps
Sodium	23-2	25073680	25518850	25031883	25208138	1.07	cps
Strontium	86-1	581646	569971	565059	572225	1.49	cps
Strontium	88-1	4975174	4842595	4889121	4902297	1.37	cps
Sulfur	34-1	992278	978810	994384	988491	0.85	cps
Terbium	159-1	6520362	6977917	6959386	6819222	3.80	cps
Terbium	159-2	4424985	4447996	4584532	4485837	1.92	cps
Thallium	203-1	633	592	650	625	4.81	cps
Thallium	205-1	1583	1342	1492	1472	8.29	cps
Tin	118-1	319472	326610	319109	321730	1.31	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-11	Instrumnet Name :	P8
Client Sample ID :	MH1JC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:56:24	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	140910	140808	139059	140259	0.74	cps
Uranium	238-1	23022	22537	23380	22980	1.84	cps
Vanadium	51-2	31662	31378	32296	31779	1.48	cps
Ytterbium	172-1	2717	2859	3401	2992	12.06	cps
Ytterbium	172-2	2250	2250	2111	2204	3.64	cps
Ytterbium	176-1	2742	3009	2775	2842	5.11	cps
Ytterbium	176-2	7280	7486	7980	7582	4.75	cps
Yttrium	89-1	14469541	14929022	15065829	14821464	2.11	cps
Yttrium	89-2	2027506	2006020	2011347	2014958	0.56	cps
Zinc	66-2	241128	243451	244489	243023	0.71	cps
Zirconium	90-1	47107	45996	49840	47648	4.15	cps
Zirconium	91-1	10530	10596	11166	10764	3.25	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-12 Instrumnet Name : P8
 Client Sample ID : MH1JD0 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 13:59:22 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	248830	249256	248026	248704	0.25	cps
Antimony	121-1	81057	80999	79952	80670	0.77	cps
Arsenic	75-2	1063	1043	1102	1069	2.81	cps
Barium	135-1	199241	204791	198031	200687	1.80	cps
Barium	137-1	356579	346466	340133	347726	2.39	cps
Beryllium	9-1	1056	1094	962	1037	6.55	cps
Bismuth	209-1	3765250	3496023	3338434	3533236	6.11	cps
Bismuth	209-2	2944034	3075252	3403822	3141036	7.54	cps
Boron	10-1	23284	23504	24101	23630	1.79	cps
Boron	11-1	103375	110821	110562	108253	3.90	cps
Bromine	81-1	32661	33073	33094	32943	0.74	cps
Cadmium	111-1	4513	4352	4254	4373	2.99	cps
Cadmium	106-1	4184	4034	3909	4042	3.41	cps
Cadmium	108-1	238	246	279	254	8.67	cps
Calcium	43-1	2744785	2677215	2668570	2696857	1.55	cps
Calcium	44-1	43999465	44677292	42931400	43869386	2.01	cps
Carbon	12-1	28879585	29474551	29249077	29201071	1.03	cps
Carbon	12-2	291484	287972	279536	286331	2.14	cps
Chlorine	35-1	26653113	29352907	30991476	28999165	7.55	cps
Chlorine	35-2	237733	246049	256604	246795	3.83	cps
Chromium	52-2	63008	61987	61294	62096	1.39	cps
Cobalt	59-2	20495	20932	20535	20654	1.17	cps
Copper	63-2	349201	351885	351146	350744	0.40	cps
Dysprosium	156-1	15376	14075	14375	14608	4.66	cps
Dysprosium	156-2	7896	8019	7912	7942	0.84	cps
Erbium	164-1	9320	9771	9454	9515	2.43	cps
Erbium	164-2	5941	6338	5955	6078	3.71	cps
Gadolinium	160-1	10171	10471	10204	10282	1.60	cps
Gadolinium	160-2	7519	7582	7896	7666	2.63	cps
Holmium	165-1	6796803	6534186	6726984	6685991	2.03	cps
Holmium	165-2	4370198	4380745	5003405	4584783	7.91	cps
Indium	115-1	7440611	6940388	6605827	6995609	6.01	cps
Indium	115-2	1378357	1387085	1625115	1463519	9.57	cps
Iron	54-2	900667	901267	884728	895554	1.05	cps
Iron	56-2	16426116	16635874	16532363	16531451	0.63	cps
Iron	57-2	412234	410631	413900	412255	0.40	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-12	Instrumnet Name :	P8
Client Sample ID :	MH1JD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:59:22	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1140	1117	1118	1.94	cps
Lead	206-1	186527	189234	193238	189667	1.78	cps
Lead	207-1	162749	168979	158993	163573	3.08	cps
Lead	208-1	754523	753005	738757	748762	1.16	cps
Lithium	6-1	4854426	4683964	4610199	4716196	2.66	cps
Magnesium	24-2	2080671	2061932	2098946	2080516	0.89	cps
Manganese	55-2	417839	423884	423957	421893	0.83	cps
Molybdenum	94-1	18538	17979	18229	18249	1.53	cps
Molybdenum	95-1	7310	6927	6468	6902	6.11	cps
Molybdenum	96-1	9512	10054	10112	9893	3.35	cps
Molybdenum	97-1	4084	4351	4459	4298	4.49	cps
Molybdenum	98-1	11305	11230	10763	11099	2.65	cps
Neodymium	150-1	22606	21184	20836	21542	4.35	cps
Neodymium	150-2	9970	10201	10177	10116	1.25	cps
Nickel	60-2	35387	36026	34946	35453	1.53	cps
Phosphorus	31-2	14549	14207	14800	14519	2.05	cps
Potassium	39-2	1642125	1681421	1652679	1658742	1.23	cps
Rhodium	103-1	7203843	6868752	6681488	6918028	3.83	cps
Rhodium	103-2	3968148	3963073	4592596	4174606	8.67	cps
Scandium	45-1	7201870	6597072	6472809	6757250	5.77	cps
Scandium	45-2	242221	238071	276082	252125	8.27	cps
Selenium	82-1	178	123	117	140	23.96	cps
Selenium	77-2	67	47	43	52	24.17	cps
Selenium	78-2	116	110	109	112	3.39	cps
Silicon	28-1	4051932	4133338	4119298	4101523	1.06	cps
Silver	107-1	14233	14683	13966	14294	2.54	cps
Silver	109-1	14183	14216	13957	14119	1.00	cps
Sodium	23-2	28722657	28773499	28435980	28644045	0.64	cps
Strontium	86-1	488198	496592	480812	488534	1.62	cps
Strontium	88-1	4187175	4091787	3941343	4073435	3.04	cps
Sulfur	34-1	1035425	1050344	1024124	1036631	1.27	cps
Terbium	159-1	7494620	6766909	6915886	7059138	5.45	cps
Terbium	159-2	4379692	4396298	5105400	4627130	8.95	cps
Thallium	203-1	567	608	475	550	12.40	cps
Thallium	205-1	1367	1333	1333	1345	1.43	cps
Tin	118-1	311504	307941	319282	312909	1.85	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-12	Instrumnet Name :	P8
Client Sample ID :	MH1JD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 13:59:22	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	123475	127449	125633	125519	1.59	cps
Uranium	238-1	22179	22145	22278	22201	0.31	cps
Vanadium	51-2	24291	24628	23790	24236	1.74	cps
Ytterbium	172-1	2867	3167	2534	2856	11.10	cps
Ytterbium	172-2	2045	2156	2089	2096	2.67	cps
Ytterbium	176-1	2725	2609	2325	2553	8.06	cps
Ytterbium	176-2	7280	7675	8725	7893	9.46	cps
Yttrium	89-1	16148651	14501087	14411237	15020325	6.51	cps
Yttrium	89-2	1996907	1939903	2253259	2063356	8.09	cps
Zinc	66-2	189309	189858	189587	189584	0.14	cps
Zirconium	90-1	40052	39566	39883	39833	0.62	cps
Zirconium	91-1	9698	9495	8903	9365	4.41	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-13 Instrumnet Name : P8
 Client Sample ID : MH1JD1 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 14:02:17 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207707	211102	210396	209735	0.85	cps
Antimony	121-1	30568	31897	31328	31264	2.13	cps
Arsenic	75-2	884	858	881	874	1.63	cps
Barium	135-1	190661	201264	192320	194748	2.93	cps
Barium	137-1	334971	335103	327106	332393	1.38	cps
Beryllium	9-1	724	754	732	737	2.11	cps
Bismuth	209-1	3580534	3397577	3468015	3482042	2.65	cps
Bismuth	209-2	2834695	2926313	2915393	2892134	1.73	cps
Boron	10-1	28879	30243	31540	30220	4.40	cps
Boron	11-1	135498	142152	143655	140435	3.09	cps
Bromine	81-1	36144	34919	35792	35618	1.77	cps
Cadmium	111-1	5567	5707	5919	5731	3.09	cps
Cadmium	106-1	4468	4276	4601	4448	3.67	cps
Cadmium	108-1	354	254	354	321	18.00	cps
Calcium	43-1	5256552	5238060	5084973	5193195	1.81	cps
Calcium	44-1	84574428	85047972	84187222	84603207	0.51	cps
Carbon	12-1	23297306	24088885	24066191	23817461	1.89	cps
Carbon	12-2	231267	224364	226691	227441	1.54	cps
Chlorine	35-1	30385672	34743775	36812534	33980660	9.65	cps
Chlorine	35-2	274036	293522	298241	288600	4.45	cps
Chromium	52-2	60320	61873	62001	61398	1.52	cps
Cobalt	59-2	21727	22020	21720	21822	0.79	cps
Copper	63-2	283836	294071	289557	289155	1.77	cps
Dysprosium	156-1	9787	9395	9329	9504	2.61	cps
Dysprosium	156-2	5098	5018	5251	5122	2.32	cps
Erbium	164-1	5326	5451	5651	5476	2.99	cps
Erbium	164-2	3407	3470	3250	3376	3.36	cps
Gadolinium	160-1	6252	5993	5860	6035	3.30	cps
Gadolinium	160-2	4247	4304	4171	4241	1.58	cps
Holmium	165-1	6431881	6585573	6347393	6454949	1.87	cps
Holmium	165-2	4348568	4297549	4483263	4376460	2.19	cps
Indium	115-1	6804432	6524768	6814988	6714729	2.45	cps
Indium	115-2	1360751	1364355	1365619	1363575	0.19	cps
Iron	54-2	809044	814094	823635	815591	0.91	cps
Iron	56-2	14394628	15289858	15137086	14940524	3.21	cps
Iron	57-2	370518	380784	380976	377426	1.59	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-13	Instrumnet Name :	P8
Client Sample ID :	MH1JD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:02:17	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1223	1140	1176	3.66	cps
Lead	206-1	264911	266632	265661	265735	0.32	cps
Lead	207-1	217992	224796	218266	220351	1.75	cps
Lead	208-1	1023596	1033233	1020845	1025891	0.63	cps
Lithium	6-1	4692916	4590501	4470777	4584731	2.43	cps
Magnesium	24-2	1421861	1374942	1398327	1398377	1.68	cps
Manganese	55-2	392213	405800	399579	399197	1.70	cps
Molybdenum	94-1	28989	30242	28814	29348	2.65	cps
Molybdenum	95-1	6268	6643	6243	6385	3.51	cps
Molybdenum	96-1	11338	11789	11255	11461	2.51	cps
Molybdenum	97-1	3567	3892	3659	3706	4.52	cps
Molybdenum	98-1	9937	9995	9520	9818	2.64	cps
Neodymium	150-1	11652	11819	11692	11721	0.74	cps
Neodymium	150-2	5121	5164	4971	5085	2.00	cps
Nickel	60-2	20465	20668	20839	20657	0.91	cps
Phosphorus	31-2	20106	20791	20899	20599	2.09	cps
Potassium	39-2	1572306	1604985	1590856	1589382	1.03	cps
Rhodium	103-1	6522723	6618400	6886638	6675920	2.83	cps
Rhodium	103-2	3745828	3927472	3798669	3823990	2.44	cps
Scandium	45-1	6881836	6491629	6776393	6716620	3.01	cps
Scandium	45-2	237796	241159	235597	238184	1.18	cps
Selenium	82-1	145	104	227	158	39.44	cps
Selenium	77-2	37	20	23	27	33.08	cps
Selenium	78-2	84	77	92	84	8.90	cps
Silicon	28-1	4622792	4614813	4565253	4600953	0.68	cps
Silver	107-1	7169	7094	6902	7055	1.95	cps
Silver	109-1	6852	6844	6060	6585	6.91	cps
Sodium	23-2	35651650	34316375	35192796	35053607	1.94	cps
Strontium	86-1	966363	953130	956387	958627	0.72	cps
Strontium	88-1	8335432	8014658	7853087	8067726	3.04	cps
Sulfur	34-1	1443522	1417825	1396871	1419406	1.65	cps
Terbium	159-1	6862576	6679711	7084028	6875438	2.94	cps
Terbium	159-2	4356972	4380932	4343614	4360506	0.43	cps
Thallium	203-1	492	533	442	489	9.39	cps
Thallium	205-1	1042	1258	875	1058	18.16	cps
Tin	118-1	269834	272174	267763	269924	0.82	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-13	Instrumnet Name :	P8
Client Sample ID :	MH1JD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:02:17	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	134243	129511	131868	131874	1.79	cps
Uranium	238-1	9621	9370	9429	9473	1.38	cps
Vanadium	51-2	23860	24588	24404	24284	1.56	cps
Ytterbium	172-1	1775	1508	1492	1592	9.99	cps
Ytterbium	172-2	1117	1200	1267	1195	6.29	cps
Ytterbium	176-1	1775	1700	1742	1739	2.16	cps
Ytterbium	176-2	6457	7247	6896	6867	5.76	cps
Yttrium	89-1	14981801	14249662	14439756	14557073	2.61	cps
Yttrium	89-2	1910756	1966231	1922175	1933054	1.52	cps
Zinc	66-2	177270	180583	178669	178841	0.93	cps
Zirconium	90-1	75247	88543	72600	78796	10.84	cps
Zirconium	91-1	16477	16452	15976	16302	1.73	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-14	Instrumnet Name :	P8
Client Sample ID :	MH1JD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:05:15	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233091	231997	231181	232089	0.41	cps
Antimony	121-1	15643	15651	15042	15445	2.26	cps
Arsenic	75-2	1067	1069	964	1033	5.81	cps
Barium	135-1	184401	186986	188875	186754	1.20	cps
Barium	137-1	313807	331481	321533	322274	2.75	cps
Beryllium	9-1	1156	1144	1120	1140	1.61	cps
Bismuth	209-1	3485254	3465768	3518460	3489827	0.76	cps
Bismuth	209-2	2939283	2978706	3029640	2982543	1.52	cps
Boron	10-1	13554	14258	13714	13842	2.67	cps
Boron	11-1	61588	63984	63582	63051	2.03	cps
Bromine	81-1	22622	21058	20958	21546	4.33	cps
Cadmium	111-1	4765	4932	4674	4791	2.74	cps
Cadmium	106-1	4034	4301	4042	4126	3.68	cps
Cadmium	108-1	179	183	300	221	31.06	cps
Calcium	43-1	1413391	1360979	1408817	1394396	2.08	cps
Calcium	44-1	22673455	22303101	22623111	22533222	0.89	cps
Carbon	12-1	36978088	36716091	37475427	37056536	1.04	cps
Carbon	12-2	367737	356211	360104	361350	1.62	cps
Chlorine	35-1	32643551	37083786	39988506	36571948	10.11	cps
Chlorine	35-2	312820	320716	326951	320162	2.21	cps
Chromium	52-2	43239	44074	43449	43587	1.00	cps
Cobalt	59-2	12689	12956	12679	12775	1.23	cps
Copper	63-2	210113	212443	208492	210349	0.94	cps
Dysprosium	156-1	12398	12439	12348	12395	0.37	cps
Dysprosium	156-2	7572	7292	6962	7275	4.20	cps
Erbium	164-1	9270	9420	9871	9520	3.28	cps
Erbium	164-2	6038	6222	5908	6056	2.60	cps
Gadolinium	160-1	10062	10313	10121	10165	1.29	cps
Gadolinium	160-2	7212	7235	7362	7270	1.11	cps
Holmium	165-1	6523822	6762237	6637069	6641043	1.80	cps
Holmium	165-2	4545013	4508199	4600576	4551263	1.02	cps
Indium	115-1	7035909	6859301	6845962	6913724	1.53	cps
Indium	115-2	1414790	1398227	1417565	1410194	0.74	cps
Iron	54-2	807036	805547	801574	804719	0.35	cps
Iron	56-2	14799194	14684772	14578830	14687598	0.75	cps
Iron	57-2	365100	369543	362254	365632	1.00	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-14	Instrumnet Name :	P8
Client Sample ID :	MH1JD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:05:15	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1190	1053	1118	6.14	cps
Lead	206-1	392344	392435	401007	395262	1.26	cps
Lead	207-1	338800	337350	335314	337154	0.52	cps
Lead	208-1	1543747	1531095	1550496	1541779	0.64	cps
Lithium	6-1	4748224	4852193	4664975	4755130	1.97	cps
Magnesium	24-2	2282195	2360440	2289475	2310704	1.87	cps
Manganese	55-2	349191	345415	345573	346726	0.62	cps
Molybdenum	94-1	11747	11530	11305	11527	1.92	cps
Molybdenum	95-1	6252	5693	5485	5810	6.83	cps
Molybdenum	96-1	8011	8078	7494	7861	4.06	cps
Molybdenum	97-1	3667	3634	3442	3581	3.39	cps
Molybdenum	98-1	9353	9120	8920	9131	2.38	cps
Neodymium	150-1	18420	18533	18513	18489	0.33	cps
Neodymium	150-2	8433	8403	8283	8373	0.95	cps
Nickel	60-2	16506	15602	15779	15962	3.00	cps
Phosphorus	31-2	10187	9820	10354	10120	2.70	cps
Potassium	39-2	1347840	1289254	1317198	1318097	2.22	cps
Rhodium	103-1	7283534	7100037	6809257	7064276	3.39	cps
Rhodium	103-2	4113894	4069420	4006812	4063375	1.32	cps
Scandium	45-1	6820210	6833080	6737391	6796894	0.76	cps
Scandium	45-2	243720	242604	247061	244462	0.95	cps
Selenium	82-1	167	109	201	159	29.19	cps
Selenium	77-2	37	33	30	33	10.01	cps
Selenium	78-2	96	117	92	102	13.21	cps
Silicon	28-1	6785592	6826045	6879909	6830515	0.69	cps
Silver	107-1	6335	6410	6227	6324	1.46	cps
Silver	109-1	6610	6018	5927	6185	6.00	cps
Sodium	23-2	10011001	9983149	9692990	9895713	1.78	cps
Strontium	86-1	327175	322129	321196	323500	0.99	cps
Strontium	88-1	2768195	2732696	2761555	2754148	0.69	cps
Sulfur	34-1	759041	760257	759779	759692	0.08	cps
Terbium	159-1	7220004	7152859	7229487	7200783	0.58	cps
Terbium	159-2	4539002	4422284	4393852	4451713	1.73	cps
Thallium	203-1	850	717	650	739	13.78	cps
Thallium	205-1	1734	1600	1483	1606	7.79	cps
Tin	118-1	217984	212886	206736	212535	2.65	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-14	Instrumnet Name :	P8
Client Sample ID :	MH1JD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:05:15	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	111811	114408	111609	112609	1.39	cps
Uranium	238-1	20542	20292	21494	20776	3.05	cps
Vanadium	51-2	22898	22925	22625	22816	0.73	cps
Ytterbium	172-1	2367	2434	2534	2445	3.43	cps
Ytterbium	172-2	2000	1956	1906	1954	2.42	cps
Ytterbium	176-1	2434	2350	2234	2339	4.29	cps
Ytterbium	176-2	7474	7185	7608	7423	2.91	cps
Yttrium	89-1	15075483	14950321	15704006	15243270	2.65	cps
Yttrium	89-2	2017513	2025473	2044393	2029126	0.68	cps
Zinc	66-2	217792	218918	211942	216217	1.73	cps
Zirconium	90-1	22636	21183	23579	22466	5.37	cps
Zirconium	91-1	4751	4526	4876	4718	3.76	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-15	Instrumnet Name :	P8
Client Sample ID :	MH1JD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:08:10	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261860	265040	261751	262884	0.71	cps
Antimony	121-1	47308	47592	44356	46419	3.86	cps
Arsenic	75-2	1025	981	1137	1048	7.68	cps
Barium	135-1	251698	249214	249783	250232	0.52	cps
Barium	137-1	426587	430562	442968	433372	1.97	cps
Beryllium	9-1	900	816	936	884	6.97	cps
Bismuth	209-1	3431017	3726942	3349888	3502616	5.67	cps
Bismuth	209-2	2879676	2875182	3047243	2934033	3.34	cps
Boron	10-1	32670	35654	36091	34805	5.35	cps
Boron	11-1	155219	164041	166682	161981	3.71	cps
Bromine	81-1	22070	22642	22481	22398	1.32	cps
Cadmium	111-1	5606	5734	5567	5636	1.55	cps
Cadmium	106-1	4034	4442	4184	4220	4.90	cps
Cadmium	108-1	371	358	375	368	2.36	cps
Calcium	43-1	1110029	1104072	1114849	1109650	0.49	cps
Calcium	44-1	18041177	18434052	17874756	18116661	1.59	cps
Carbon	12-1	29513384	28264869	29668057	29148770	2.64	cps
Carbon	12-2	288145	287667	286881	287564	0.22	cps
Chlorine	35-1	33053013	37384104	40184797	36873971	9.74	cps
Chlorine	35-2	300503	308581	319787	309624	3.13	cps
Chromium	52-2	166197	168205	167877	167426	0.64	cps
Cobalt	59-2	16403	16366	16480	16416	0.35	cps
Copper	63-2	2241623	2260427	2276026	2259359	0.76	cps
Dysprosium	156-1	11655	11597	11238	11497	1.96	cps
Dysprosium	156-2	6348	6168	6325	6280	1.56	cps
Erbium	164-1	6844	7102	7319	7088	3.36	cps
Erbium	164-2	4264	4447	4144	4285	3.57	cps
Gadolinium	160-1	7477	7811	8178	7822	4.48	cps
Gadolinium	160-2	5468	5558	5431	5486	1.19	cps
Holmium	165-1	6570217	6643653	6575733	6596534	0.62	cps
Holmium	165-2	4425206	4363807	4661052	4483355	3.50	cps
Indium	115-1	6831372	7229133	6829388	6963298	3.31	cps
Indium	115-2	1366943	1365394	1491374	1407904	5.13	cps
Iron	54-2	1037238	1066223	1051748	1051736	1.38	cps
Iron	56-2	18601848	19331431	19030811	18988030	1.93	cps
Iron	57-2	460831	474608	472928	469456	1.60	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-15	Instrumnet Name :	P8
Client Sample ID :	MH1JD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:08:10	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1103	1123	1143	4.63	cps
Lead	206-1	490847	494268	517775	500963	2.93	cps
Lead	207-1	427437	419880	428559	425292	1.11	cps
Lead	208-1	1982542	1978642	1967096	1976093	0.41	cps
Lithium	6-1	4654761	4876179	4862595	4797845	2.59	cps
Magnesium	24-2	1482563	1503925	1500774	1495754	0.77	cps
Manganese	55-2	353475	356302	351915	353897	0.63	cps
Molybdenum	94-1	29291	28873	29976	29380	1.90	cps
Molybdenum	95-1	5460	5860	5851	5724	3.99	cps
Molybdenum	96-1	10554	10755	11063	10791	2.38	cps
Molybdenum	97-1	3767	3542	3559	3623	3.46	cps
Molybdenum	98-1	9120	9412	8861	9131	3.02	cps
Neodymium	150-1	15029	14909	15576	15171	2.35	cps
Neodymium	150-2	7009	6645	6405	6686	4.55	cps
Nickel	60-2	108488	110562	109045	109365	0.98	cps
Phosphorus	31-2	8027	7644	7561	7744	3.22	cps
Potassium	39-2	1371623	1425211	1368421	1388418	2.30	cps
Rhodium	103-1	6612272	6860194	7117015	6863160	3.68	cps
Rhodium	103-2	3974694	3933720	4215358	4041258	3.77	cps
Scandium	45-1	6625099	6813375	6608959	6682478	1.70	cps
Scandium	45-2	237920	236444	258760	244375	5.11	cps
Selenium	82-1	49	97	173	106	58.80	cps
Selenium	77-2	37	37	50	41	18.72	cps
Selenium	78-2	89	114	98	100	12.62	cps
Silicon	28-1	6108970	5977803	6100282	6062352	1.21	cps
Silver	107-1	11138	11647	11105	11297	2.69	cps
Silver	109-1	11013	10863	11538	11138	3.18	cps
Sodium	23-2	33594156	33090798	34401905	33695620	1.96	cps
Strontium	86-1	252267	254764	257179	254737	0.96	cps
Strontium	88-1	2137393	2279055	2158952	2191800	3.48	cps
Sulfur	34-1	680321	677068	672924	676771	0.55	cps
Terbium	159-1	7209487	7442217	6982632	7211445	3.19	cps
Terbium	159-2	4256295	4255309	4687928	4399844	5.67	cps
Thallium	203-1	742	633	708	694	7.99	cps
Thallium	205-1	1784	1608	1533	1642	7.81	cps
Tin	118-1	305707	307706	301536	304983	1.03	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-15	Instrumnet Name :	P8
Client Sample ID :	MH1JD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:08:10	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	160342	171008	161010	164120	3.64	cps
Uranium	238-1	13382	13357	12598	13113	3.40	cps
Vanadium	51-2	28368	29334	28014	28572	2.39	cps
Ytterbium	172-1	1825	1834	1834	1831	0.26	cps
Ytterbium	172-2	1533	1428	1339	1433	6.79	cps
Ytterbium	176-1	1875	1934	1992	1934	3.02	cps
Ytterbium	176-2	6885	7291	7802	7326	6.27	cps
Yttrium	89-1	14632450	15362730	14921786	14972322	2.46	cps
Yttrium	89-2	1943061	1909556	2098058	1983559	5.07	cps
Zinc	66-2	405201	414751	415349	411767	1.38	cps
Zirconium	90-1	79225	74401	77008	76878	3.14	cps
Zirconium	91-1	17724	16845	19542	18037	7.62	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-16	Instrumnet Name :	P8
Client Sample ID :	MH1JD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:11:09	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285827	282636	279524	282662	1.11	cps
Antimony	121-1	31379	30142	29124	30215	3.74	cps
Arsenic	75-2	1063	1075	1064	1067	0.62	cps
Barium	135-1	229124	234861	240686	234890	2.46	cps
Barium	137-1	378547	401511	400001	393353	3.27	cps
Beryllium	9-1	1478	1412	1432	1440	2.35	cps
Bismuth	209-1	3476625	3516056	3227050	3406577	4.60	cps
Bismuth	209-2	2877567	2947385	2901575	2908842	1.22	cps
Boron	10-1	36741	38854	39291	38295	3.56	cps
Boron	11-1	170281	174980	184376	176546	4.07	cps
Bromine	81-1	23815	23615	22672	23367	2.61	cps
Cadmium	111-1	4504	4664	4491	4553	2.11	cps
Cadmium	106-1	3976	4176	3942	4031	3.13	cps
Cadmium	108-1	304	288	271	288	5.80	cps
Calcium	43-1	1235764	1271441	1314056	1273754	3.08	cps
Calcium	44-1	20604607	20750805	20547337	20634250	0.51	cps
Carbon	12-1	32526305	33349297	32848599	32908067	1.26	cps
Carbon	12-2	318954	316698	310203	315285	1.44	cps
Chlorine	35-1	31560762	35397334	37406026	34788041	8.54	cps
Chlorine	35-2	278543	284558	283317	282139	1.13	cps
Chromium	52-2	59757	61267	60454	60493	1.25	cps
Cobalt	59-2	16159	16783	15999	16314	2.54	cps
Copper	63-2	526441	520167	513326	519978	1.26	cps
Dysprosium	156-1	15243	15284	14942	15156	1.23	cps
Dysprosium	156-2	7782	7706	7782	7757	0.57	cps
Erbium	164-1	8653	8870	8887	8803	1.48	cps
Erbium	164-2	5691	5328	5224	5415	4.53	cps
Gadolinium	160-1	9279	9003	9070	9117	1.58	cps
Gadolinium	160-2	6665	6632	6245	6514	3.59	cps
Holmium	165-1	6524997	6671635	6241435	6479356	3.38	cps
Holmium	165-2	4451547	4316279	4239770	4335865	2.47	cps
Indium	115-1	7122827	7185466	6367122	6891805	6.61	cps
Indium	115-2	1377222	1362653	1361052	1366976	0.65	cps
Iron	54-2	912716	899791	897074	903194	0.93	cps
Iron	56-2	16781759	16383968	16360134	16508621	1.43	cps
Iron	57-2	412538	419157	405207	412301	1.69	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-16	Instrumnet Name :	P8
Client Sample ID :	MH1JD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:11:09	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1220	1193	1170	1195	2.09	cps
Lead	206-1	427327	442111	411529	426989	3.58	cps
Lead	207-1	365843	356729	356995	359856	1.44	cps
Lead	208-1	1677777	1692305	1671166	1680416	0.64	cps
Lithium	6-1	4858484	4928013	4382448	4722982	6.29	cps
Magnesium	24-2	1662800	1656877	1633329	1651002	0.94	cps
Manganese	55-2	417912	411789	415784	415162	0.75	cps
Molybdenum	94-1	17762	17795	17745	17767	0.14	cps
Molybdenum	95-1	6535	7010	6518	6688	4.18	cps
Molybdenum	96-1	9795	9887	9812	9832	0.50	cps
Molybdenum	97-1	3784	4292	4126	4067	6.37	cps
Molybdenum	98-1	10454	11130	10980	10855	3.27	cps
Neodymium	150-1	16651	17952	16170	16924	5.45	cps
Neodymium	150-2	7799	7239	7425	7488	3.81	cps
Nickel	60-2	39107	38302	38846	38752	1.06	cps
Phosphorus	31-2	11513	11079	11196	11263	1.99	cps
Potassium	39-2	1588525	1562953	1571334	1574271	0.83	cps
Rhodium	103-1	7044068	7077615	6431102	6850928	5.31	cps
Rhodium	103-2	3952081	3888301	3982273	3940885	1.22	cps
Scandium	45-1	6660635	6935828	6159386	6585283	5.98	cps
Scandium	45-2	236157	238957	236977	237364	0.61	cps
Selenium	82-1	90	88	217	132	56.04	cps
Selenium	77-2	43	50	53	49	10.42	cps
Selenium	78-2	111	100	99	103	6.44	cps
Silicon	28-1	6020394	6170174	6102269	6097612	1.23	cps
Silver	107-1	9720	9870	10513	10034	4.19	cps
Silver	109-1	9070	9362	9128	9187	1.68	cps
Sodium	23-2	19118323	18729332	18446757	18764804	1.80	cps
Strontium	86-1	330004	334576	337413	333998	1.12	cps
Strontium	88-1	2815050	2844551	2846309	2835303	0.62	cps
Sulfur	34-1	824642	828574	822316	825177	0.38	cps
Terbium	159-1	7459679	7427584	6327904	7071723	9.11	cps
Terbium	159-2	4452814	4323596	4336716	4371042	1.63	cps
Thallium	203-1	625	675	708	669	6.27	cps
Thallium	205-1	1442	1517	1508	1489	2.76	cps
Tin	118-1	292012	282633	285395	286680	1.68	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-16	Instrumnet Name :	P8
Client Sample ID :	MH1JD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:11:09	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	173355	177165	173898	174806	1.18	cps
Uranium	238-1	19023	18347	18330	18567	2.13	cps
Vanadium	51-2	27410	26408	26528	26782	2.04	cps
Ytterbium	172-1	2200	2342	2184	2242	3.88	cps
Ytterbium	172-2	1639	1583	1695	1639	3.39	cps
Ytterbium	176-1	2284	2059	2117	2153	5.42	cps
Ytterbium	176-2	7008	7530	7663	7400	4.68	cps
Yttrium	89-1	14925897	15314228	14120454	14786860	4.12	cps
Yttrium	89-2	1995166	1953687	1943280	1964044	1.40	cps
Zinc	66-2	398239	393558	388544	393447	1.23	cps
Zirconium	90-1	40552	40945	41816	41104	1.57	cps
Zirconium	91-1	8920	9387	9179	9162	2.55	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-17	Instrumnet Name :	P8
Client Sample ID :	MH1JD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:14:05	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692561	685537	690607	689568	0.53	cps
Antimony	121-1	14909	15067	15718	15231	2.82	cps
Arsenic	75-2	563	539	586	563	4.18	cps
Barium	135-1	105621	101967	105402	104330	1.96	cps
Barium	137-1	178813	181932	179201	179982	0.94	cps
Beryllium	9-1	450	522	476	483	7.55	cps
Bismuth	209-1	3535229	3438112	3298348	3423897	3.48	cps
Bismuth	209-2	3004232	2929861	3133835	3022643	3.42	cps
Boron	10-1	23995	24369	24075	24146	0.82	cps
Boron	11-1	111086	110903	111791	111260	0.42	cps
Bromine	81-1	22120	21128	22040	21763	2.53	cps
Cadmium	111-1	3985	4026	4056	4023	0.88	cps
Cadmium	106-1	3926	4126	3884	3978	3.25	cps
Cadmium	108-1	263	225	221	236	9.72	cps
Calcium	43-1	2477535	2307352	2446696	2410528	3.76	cps
Calcium	44-1	39191049	38213251	38773100	38725800	1.27	cps
Carbon	12-1	56511949	57614333	57802320	57309534	1.22	cps
Carbon	12-2	553187	568466	552402	558018	1.62	cps
Chlorine	35-1	33690360	37466056	41027477	37394631	9.81	cps
Chlorine	35-2	304201	312580	317875	311552	2.21	cps
Chromium	52-2	46519	45499	45552	45857	1.25	cps
Cobalt	59-2	6502	6371	6328	6400	1.41	cps
Copper	63-2	378066	374562	373689	375439	0.62	cps
Dysprosium	156-1	4534	4709	4634	4626	1.90	cps
Dysprosium	156-2	2884	2734	2817	2811	2.67	cps
Erbium	164-1	3576	3476	3926	3659	6.46	cps
Erbium	164-2	2230	2107	2377	2238	6.04	cps
Gadolinium	160-1	3842	3642	3701	3728	2.76	cps
Gadolinium	160-2	2770	2770	2934	2825	3.34	cps
Holmium	165-1	6536157	6405726	6403574	6448486	1.18	cps
Holmium	165-2	4457901	4554323	4624072	4545432	1.84	cps
Indium	115-1	7183775	6757395	6737888	6893019	3.66	cps
Indium	115-2	1423046	1388844	1417102	1409664	1.30	cps
Iron	54-2	345357	339999	346708	344021	1.03	cps
Iron	56-2	6344666	6350089	6303644	6332800	0.40	cps
Iron	57-2	164111	158231	160118	160820	1.87	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-17	Instrumnet Name :	P8
Client Sample ID :	MH1JD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:14:05	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1143	1003	1106	8.10	cps
Lead	206-1	300180	297526	314405	304037	2.99	cps
Lead	207-1	257577	265212	261207	261332	1.46	cps
Lead	208-1	1182019	1175056	1197275	1184783	0.96	cps
Lithium	6-1	4709557	4812682	4617993	4713411	2.07	cps
Magnesium	24-2	1449311	1449017	1461000	1453109	0.47	cps
Manganese	55-2	138474	140845	139409	139576	0.86	cps
Molybdenum	94-1	16652	16243	17655	16850	4.31	cps
Molybdenum	95-1	5751	5835	5560	5715	2.47	cps
Molybdenum	96-1	8786	8244	7894	8308	5.41	cps
Molybdenum	97-1	3617	3392	3759	3589	5.15	cps
Molybdenum	98-1	9128	8736	9262	9042	3.02	cps
Neodymium	150-1	7202	7556	7322	7360	2.44	cps
Neodymium	150-2	3454	3350	3237	3347	3.24	cps
Nickel	60-2	15992	15779	15492	15754	1.59	cps
Phosphorus	31-2	15075	14658	15350	15028	2.32	cps
Potassium	39-2	1171482	1159797	1154786	1162022	0.74	cps
Rhodium	103-1	6873681	6989366	6817901	6893649	1.27	cps
Rhodium	103-2	3959782	4056643	4011170	4009198	1.21	cps
Scandium	45-1	6866384	6642348	6506632	6671788	2.72	cps
Scandium	45-2	239858	240408	248106	242791	1.90	cps
Selenium	82-1	73	84	262	140	76.10	cps
Selenium	77-2	13	17	20	17	20.01	cps
Selenium	78-2	91	94	71	85	14.65	cps
Silicon	28-1	5813464	5813564	5784444	5803824	0.29	cps
Silver	107-1	3726	3451	3942	3706	6.65	cps
Silver	109-1	3667	3234	2992	3298	10.37	cps
Sodium	23-2	7537961	7746382	7617523	7633955	1.38	cps
Strontium	86-1	341208	337821	342408	340479	0.70	cps
Strontium	88-1	2885293	2846227	2900396	2877305	0.97	cps
Sulfur	34-1	695641	688095	700746	694827	0.92	cps
Terbium	159-1	7110919	7026331	6718786	6952012	2.97	cps
Terbium	159-2	4374910	4432266	4532669	4446615	1.80	cps
Thallium	203-1	392	308	292	331	16.21	cps
Thallium	205-1	833	1017	858	903	11.01	cps
Tin	118-1	329725	358700	338413	342280	4.34	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-17	Instrumnet Name :	P8
Client Sample ID :	MH1JD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:14:05	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	49361	50624	48399	49461	2.26	cps
Uranium	238-1	10471	10430	11105	10669	3.55	cps
Vanadium	51-2	11084	11151	10681	10972	2.32	cps
Ytterbium	172-1	1025	833	1008	956	11.11	cps
Ytterbium	172-2	844	800	739	794	6.67	cps
Ytterbium	176-1	1283	1383	1325	1331	3.78	cps
Ytterbium	176-2	6213	7008	6763	6661	6.11	cps
Yttrium	89-1	14710721	14325170	13994947	14343613	2.50	cps
Yttrium	89-2	1942149	1933507	1929523	1935060	0.33	cps
Zinc	66-2	199318	198136	196103	197852	0.82	cps
Zirconium	90-1	38723	36809	38355	37962	2.68	cps
Zirconium	91-1	7844	7586	8945	8125	8.88	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-18	Instrumnet Name :	P8
Client Sample ID :	MH1JD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:17:03	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330063	331875	320741	327560	1.82	cps
Antimony	121-1	35739	36182	36073	35998	0.64	cps
Arsenic	75-2	1838	1865	1861	1855	0.79	cps
Barium	135-1	232191	233096	236542	233943	0.98	cps
Barium	137-1	394612	404415	405822	401616	1.52	cps
Beryllium	9-1	1208	1158	1174	1180	2.16	cps
Bismuth	209-1	3618157	3472706	3443174	3511346	2.67	cps
Bismuth	209-2	2890241	2882593	2628329	2800388	5.32	cps
Boron	10-1	134128	140559	147866	140851	4.88	cps
Boron	11-1	594780	648845	690746	644790	7.46	cps
Bromine	81-1	20156	21659	20627	20814	3.70	cps
Cadmium	111-1	9095	9288	8577	8986	4.09	cps
Cadmium	106-1	5018	5151	4634	4934	5.44	cps
Cadmium	108-1	742	754	800	765	4.01	cps
Calcium	43-1	2986952	3045975	3135906	3056278	2.45	cps
Calcium	44-1	49599570	49835403	51722304	50385759	2.31	cps
Carbon	12-1	19713620	20255224	20540681	20169841	2.08	cps
Carbon	12-2	193640	193384	192149	193058	0.41	cps
Chlorine	35-1	30401101	34613672	37041290	34018688	9.88	cps
Chlorine	35-2	278542	290967	288559	286023	2.30	cps
Chromium	52-2	149900	145927	143714	146514	2.14	cps
Cobalt	59-2	22815	23306	22348	22823	2.10	cps
Copper	63-2	925046	908293	903900	912413	1.22	cps
Dysprosium	156-1	9062	9295	9028	9128	1.59	cps
Dysprosium	156-2	5421	5331	5371	5374	0.84	cps
Erbium	164-1	6952	7736	7336	7341	5.34	cps
Erbium	164-2	4568	4511	4471	4516	1.08	cps
Gadolinium	160-1	8011	7861	8011	7961	1.09	cps
Gadolinium	160-2	5788	5851	5658	5766	1.71	cps
Holmium	165-1	6661849	6863276	6376333	6633820	3.69	cps
Holmium	165-2	4433075	4392622	3981851	4269183	5.85	cps
Indium	115-1	7279695	6990241	6732696	7000877	3.91	cps
Indium	115-2	1356854	1352391	1242516	1317254	4.92	cps
Iron	54-2	1571814	1499615	1526863	1532764	2.38	cps
Iron	56-2	27711673	27300139	26909654	27307155	1.47	cps
Iron	57-2	687872	682053	667548	679158	1.54	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-18	Instrumnet Name :	P8
Client Sample ID :	MH1JD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:17:03	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1180	1247	1206	2.98	cps
Lead	206-1	302766	305835	303715	304105	0.52	cps
Lead	207-1	250774	258036	248644	252485	1.95	cps
Lead	208-1	1172487	1184055	1184614	1180385	0.58	cps
Lithium	6-1	4682660	4707679	4640269	4676869	0.73	cps
Magnesium	24-2	5006210	4986981	4859046	4950746	1.62	cps
Manganese	55-2	830248	839869	826788	832302	0.81	cps
Molybdenum	94-1	22311	22781	21542	22211	2.81	cps
Molybdenum	95-1	12798	13198	13766	13254	3.67	cps
Molybdenum	96-1	15960	17578	16018	16519	5.56	cps
Molybdenum	97-1	7310	7727	7886	7641	3.89	cps
Molybdenum	98-1	20282	21083	20774	20713	1.95	cps
Neodymium	150-1	15629	15402	15810	15614	1.31	cps
Neodymium	150-2	7232	7325	7045	7201	1.98	cps
Nickel	60-2	32156	31869	31057	31694	1.80	cps
Phosphorus	31-2	16877	16051	16418	16449	2.52	cps
Potassium	39-2	751774	746029	730410	742738	1.49	cps
Rhodium	103-1	7043880	7056460	6774067	6958136	2.29	cps
Rhodium	103-2	3974484	3980820	3560193	3838499	6.28	cps
Scandium	45-1	7006759	6672424	6699343	6792842	2.73	cps
Scandium	45-2	240438	239161	218646	232748	5.25	cps
Selenium	82-1	256	214	189	220	15.34	cps
Selenium	77-2	47	37	40	41	12.39	cps
Selenium	78-2	111	116	94	107	10.78	cps
Silicon	28-1	6289057	6291614	6731298	6437323	3.95	cps
Silver	107-1	11172	11530	10621	11108	4.12	cps
Silver	109-1	11247	10387	11046	10893	4.13	cps
Sodium	23-2	21626812	22587503	21549009	21921108	2.64	cps
Strontium	86-1	545318	547092	539523	543978	0.73	cps
Strontium	88-1	4541854	4672494	4630914	4615088	1.45	cps
Sulfur	34-1	1886567	1930774	1929511	1915617	1.31	cps
Terbium	159-1	7189142	7165987	6850609	7068580	2.68	cps
Terbium	159-2	4351917	4263777	3939773	4185156	5.19	cps
Thallium	203-1	892	933	867	897	3.75	cps
Thallium	205-1	1900	2084	1984	1989	4.62	cps
Tin	118-1	433630	435082	439197	435970	0.66	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-18	Instrumnet Name :	P8
Client Sample ID :	MH1JD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:17:03	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	259553	256036	259615	258401	0.79	cps
Uranium	238-1	18097	17604	17972	17891	1.43	cps
Vanadium	51-2	46686	47335	46689	46903	0.80	cps
Ytterbium	172-1	1959	2142	2092	2064	4.59	cps
Ytterbium	172-2	1367	1345	1361	1358	0.85	cps
Ytterbium	176-1	2134	2009	2267	2136	6.05	cps
Ytterbium	176-2	6946	7675	6807	7143	6.52	cps
Yttrium	89-1	15397302	14898381	14530067	14941917	2.91	cps
Yttrium	89-2	1933212	1967553	1761660	1887475	5.84	cps
Zinc	66-2	1409923	1395094	1367350	1390789	1.55	cps
Zirconium	90-1	40125	39934	40720	40260	1.02	cps
Zirconium	91-1	9705	9529	9739	9658	1.17	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-19 Instrumnet Name : P8
 Client Sample ID : MH1JD7 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 14:19:57 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367185	367138	363086	365803	0.64	cps
Antimony	121-1	48763	50101	49415	49426	1.35	cps
Arsenic	75-2	1658	1638	1676	1658	1.15	cps
Barium	135-1	328330	327789	321178	325766	1.22	cps
Barium	137-1	566598	555756	544350	555568	2.00	cps
Beryllium	9-1	1086	1078	984	1049	5.41	cps
Bismuth	209-1	2928799	3225857	3508707	3221121	9.00	cps
Bismuth	209-2	3043616	3061514	3003542	3036224	0.98	cps
Boron	10-1	34488	34979	34071	34512	1.32	cps
Boron	11-1	161478	159235	160021	160245	0.71	cps
Bromine	81-1	27184	27495	27235	27305	0.61	cps
Cadmium	111-1	7235	7207	7371	7271	1.20	cps
Cadmium	106-1	4401	4643	4401	4481	3.11	cps
Cadmium	108-1	638	729	658	675	7.12	cps
Calcium	43-1	2343050	2411347	2385411	2379936	1.45	cps
Calcium	44-1	38192114	38496948	38027665	38238909	0.62	cps
Carbon	12-1	33157209	32722266	33701683	33193719	1.48	cps
Carbon	12-2	330752	330464	321748	327655	1.56	cps
Chlorine	35-1	32544425	37580908	39370361	36498565	9.70	cps
Chlorine	35-2	303682	314276	318232	312063	2.41	cps
Chromium	52-2	193919	194790	194267	194325	0.23	cps
Cobalt	59-2	22805	22795	22458	22686	0.87	cps
Copper	63-2	498401	500931	505774	501702	0.75	cps
Dysprosium	156-1	8453	9020	8803	8759	3.27	cps
Dysprosium	156-2	5314	5508	5595	5472	2.62	cps
Erbium	164-1	6802	6827	7052	6894	2.00	cps
Erbium	164-2	4344	4424	4531	4433	2.11	cps
Gadolinium	160-1	8428	7794	7669	7964	5.11	cps
Gadolinium	160-2	5631	5768	5778	5726	1.43	cps
Holmium	165-1	5431101	6189233	6425496	6015277	8.64	cps
Holmium	165-2	4438229	4342453	4316944	4365876	1.46	cps
Indium	115-1	5746131	6505807	6736638	6329525	8.19	cps
Indium	115-2	1373920	1402599	1361336	1379285	1.53	cps
Iron	54-2	1577532	1606145	1545510	1576395	1.92	cps
Iron	56-2	29333043	27809955	28348849	28497282	2.71	cps
Iron	57-2	686512	673103	699574	686396	1.93	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-19	Instrumnet Name :	P8
Client Sample ID :	MH1JD7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1193	1070	1157	6.51	cps
Lead	206-1	298245	298174	295766	297395	0.47	cps
Lead	207-1	247814	252801	250118	250244	1.00	cps
Lead	208-1	1144978	1159665	1141313	1148652	0.85	cps
Lithium	6-1	4052406	4352556	4870212	4425058	9.35	cps
Magnesium	24-2	2127814	2078688	2031558	2079353	2.31	cps
Manganese	55-2	1011185	991907	991742	998278	1.12	cps
Molybdenum	94-1	29173	29006	29674	29284	1.19	cps
Molybdenum	95-1	15159	15175	14708	15014	1.77	cps
Molybdenum	96-1	20290	19932	19581	19934	1.78	cps
Molybdenum	97-1	9262	9946	9353	9520	3.90	cps
Molybdenum	98-1	23771	24113	24313	24066	1.14	cps
Neodymium	150-1	14949	15429	15322	15233	1.66	cps
Neodymium	150-2	7112	7195	7009	7105	1.32	cps
Nickel	60-2	38151	38833	37436	38140	1.83	cps
Phosphorus	31-2	6060	6018	5693	5924	3.39	cps
Potassium	39-2	797262	799298	800933	799164	0.23	cps
Rhodium	103-1	5950903	6236102	6989058	6392021	8.39	cps
Rhodium	103-2	3972157	4070330	3980103	4007530	1.36	cps
Scandium	45-1	5661602	6215974	6572287	6149954	7.46	cps
Scandium	45-2	235994	239599	236352	237315	0.84	cps
Selenium	82-1	351	335	391	359	7.96	cps
Selenium	77-2	27	30	43	33	26.45	cps
Selenium	78-2	125	125	122	124	1.40	cps
Silicon	28-1	6185842	6104556	6044740	6111712	1.16	cps
Silver	107-1	13582	13857	12898	13446	3.67	cps
Silver	109-1	12648	13257	12548	12817	2.99	cps
Sodium	23-2	6486105	6553756	6475596	6505152	0.65	cps
Strontium	86-1	542709	554676	553381	550255	1.19	cps
Strontium	88-1	4693975	4673333	4523168	4630158	2.01	cps
Sulfur	34-1	951135	955848	941516	949500	0.77	cps
Terbium	159-1	5790658	6319690	7066603	6392317	10.03	cps
Terbium	159-2	4428069	4528253	4539348	4498557	1.36	cps
Thallium	203-1	750	675	717	714	5.26	cps
Thallium	205-1	1608	1642	1700	1650	2.81	cps
Tin	118-1	120239	120815	120842	120632	0.28	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-19	Instrumnet Name :	P8
Client Sample ID :	MH1JD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:19:57	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	259381	254854	248990	254409	2.05	cps
Uranium	238-1	15343	15251	14943	15179	1.38	cps
Vanadium	51-2	53386	52349	52081	52605	1.31	cps
Ytterbium	172-1	1950	2109	1984	2014	4.15	cps
Ytterbium	172-2	1522	1572	1583	1559	2.09	cps
Ytterbium	176-1	1825	1909	1800	1845	3.08	cps
Ytterbium	176-2	6963	7302	7197	7154	2.43	cps
Yttrium	89-1	12586934	13821990	14550396	13653107	7.27	cps
Yttrium	89-2	1977322	2014414	1924761	1972165	2.28	cps
Zinc	66-2	457295	458917	446902	454371	1.43	cps
Zirconium	90-1	61496	59268	58165	59643	2.84	cps
Zirconium	91-1	12698	13549	13165	13137	3.24	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-20 Instrumnet Name : P8
 Client Sample ID : MH1JE3 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 14:22:54 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	901719	885020	864211	883650	2.13	cps
Antimony	121-1	47191	47584	48211	47662	1.08	cps
Arsenic	75-2	4958	4928	4839	4909	1.26	cps
Barium	135-1	717588	731944	733644	727725	1.21	cps
Barium	137-1	1242728	1233142	1262495	1246121	1.20	cps
Beryllium	9-1	2652	2552	2624	2609	1.98	cps
Bismuth	209-1	3239128	3587179	3484921	3437076	5.20	cps
Bismuth	209-2	2865484	2833729	2806448	2835220	1.04	cps
Boron	10-1	272036	295950	314856	294280	7.29	cps
Boron	11-1	1140484	1237242	1272885	1216870	5.63	cps
Bromine	81-1	31087	30605	31979	31224	2.23	cps
Cadmium	111-1	21181	21722	21746	21549	1.48	cps
Cadmium	106-1	6252	6435	6452	6379	1.74	cps
Cadmium	108-1	1642	1683	1904	1743	8.09	cps
Calcium	43-1	3057484	3129803	3234203	3140496	2.83	cps
Calcium	44-1	49975777	49714137	53342319	51010744	3.97	cps
Carbon	12-1	27772982	28596829	28633255	28334355	1.72	cps
Carbon	12-2	269850	275064	261821	268912	2.48	cps
Chlorine	35-1	34433837	39032127	42544510	38670158	10.52	cps
Chlorine	35-2	318914	324717	317027	320219	1.25	cps
Chromium	52-2	844355	827878	799247	823827	2.77	cps
Cobalt	59-2	46934	45623	45616	46058	1.65	cps
Copper	63-2	774227	771734	739106	761689	2.57	cps
Dysprosium	156-1	20900	21810	21167	21293	2.20	cps
Dysprosium	156-2	13200	13050	12796	13015	1.57	cps
Erbium	164-1	16327	16711	17061	16700	2.20	cps
Erbium	164-2	10561	10771	10301	10544	2.23	cps
Gadolinium	160-1	18747	18305	19490	18847	3.18	cps
Gadolinium	160-2	14201	13504	13067	13590	4.21	cps
Holmium	165-1	6172701	6693142	6861304	6575716	5.46	cps
Holmium	165-2	4475671	4339553	4244369	4353198	2.67	cps
Indium	115-1	6365199	7037700	7110761	6837887	6.01	cps
Indium	115-2	1383792	1337778	1312505	1344691	2.69	cps
Iron	54-2	4502687	4360795	4366046	4409843	1.82	cps
Iron	56-2	82019891	79926396	75752377	79232888	4.03	cps
Iron	57-2	2096348	2063051	1956767	2038722	3.58	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20	Instrumnet Name :	P8
Client Sample ID :	MH1JE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:22:54	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1117	1067	1130	1105	3.02	cps
Lead	206-1	637615	664582	667776	656658	2.52	cps
Lead	207-1	540135	546038	555653	547275	1.43	cps
Lead	208-1	2506795	2540868	2579469	2542377	1.43	cps
Lithium	6-1	4464663	4865558	4829594	4719939	4.70	cps
Magnesium	24-2	3718594	3599369	3531781	3616581	2.62	cps
Manganese	55-2	3995854	3824263	3729534	3849884	3.51	cps
Molybdenum	94-1	53806	54099	55673	54526	1.84	cps
Molybdenum	95-1	39206	39708	39465	39460	0.64	cps
Molybdenum	96-1	47599	47691	47892	47727	0.31	cps
Molybdenum	97-1	24305	24239	25082	24542	1.91	cps
Molybdenum	98-1	59922	61002	61002	60642	1.03	cps
Neodymium	150-1	37312	36289	38308	37303	2.71	cps
Neodymium	150-2	16741	16854	15492	16362	4.62	cps
Nickel	60-2	84925	82498	80607	82677	2.62	cps
Phosphorus	31-2	8903	8711	8136	8583	4.65	cps
Potassium	39-2	1167120	1140774	1118498	1142131	2.13	cps
Rhodium	103-1	6522637	6878730	6814597	6738655	2.82	cps
Rhodium	103-2	3885238	3847729	3854643	3862537	0.52	cps
Scandium	45-1	6274554	6885696	7131135	6763795	6.52	cps
Scandium	45-2	238437	237010	228766	234738	2.22	cps
Selenium	82-1	603	625	661	630	4.64	cps
Selenium	77-2	83	93	117	98	17.50	cps
Selenium	78-2	153	183	155	164	10.25	cps
Silicon	28-1	15090963	15249711	15125645	15155440	0.55	cps
Silver	107-1	19715	19756	20658	20043	2.66	cps
Silver	109-1	19781	18163	19481	19142	4.50	cps
Sodium	23-2	27235769	27104474	25344177	26561473	3.98	cps
Strontium	86-1	1163505	1178745	1189231	1177160	1.10	cps
Strontium	88-1	10018437	9752769	9634192	9801799	2.01	cps
Sulfur	34-1	1033557	1037395	1029087	1033346	0.40	cps
Terbium	159-1	6877445	7374366	7159550	7137120	3.49	cps
Terbium	159-2	4486190	4188447	4196038	4290225	3.96	cps
Thallium	203-1	1775	2100	1859	1911	8.83	cps
Thallium	205-1	4368	4401	4893	4554	6.46	cps
Tin	118-1	290529	287711	293972	290737	1.08	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20	Instrumnet Name :	P8
Client Sample ID :	MH1JE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:22:54	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	574302	578108	590303	580904	1.44	cps
Uranium	238-1	30438	30521	31933	30964	2.71	cps
Vanadium	51-2	160877	159720	153723	158107	2.43	cps
Ytterbium	172-1	4759	4393	5176	4776	8.21	cps
Ytterbium	172-2	3534	3495	3284	3438	3.91	cps
Ytterbium	176-1	3751	4034	3526	3770	6.76	cps
Ytterbium	176-2	8153	8425	8331	8303	1.67	cps
Yttrium	89-1	14250353	15513746	14889516	14884539	4.24	cps
Yttrium	89-2	1948715	1919419	1900922	1923019	1.25	cps
Zinc	66-2	720035	714647	698283	710988	1.59	cps
Zirconium	90-1	86595	90286	91067	89316	2.67	cps
Zirconium	91-1	19397	20182	19998	19859	2.07	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-21	Instrumnet Name :	P8
Client Sample ID :	MH1JE3D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:25:48	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	910887	892874	884563	896108	1.50	cps
Antimony	121-1	45485	45519	44498	45167	1.28	cps
Arsenic	75-2	4914	4768	4674	4786	2.53	cps
Barium	135-1	711811	738198	755924	735311	3.02	cps
Barium	137-1	1247717	1259540	1250679	1252645	0.49	cps
Beryllium	9-1	2498	2584	2534	2538	1.70	cps
Bismuth	209-1	3404202	3365836	3583192	3451077	3.36	cps
Bismuth	209-2	2842126	2820502	2880764	2847797	1.07	cps
Boron	10-1	292832	312338	314933	306701	3.94	cps
Boron	11-1	1241266	1261667	1341570	1281501	4.14	cps
Bromine	81-1	29692	29411	31017	30040	2.85	cps
Cadmium	111-1	20119	20952	20964	20678	2.34	cps
Cadmium	106-1	6068	6168	6693	6310	5.32	cps
Cadmium	108-1	1550	1450	1504	1501	3.33	cps
Calcium	43-1	3151144	3296983	3278421	3242182	2.45	cps
Calcium	44-1	51779925	52159630	53853895	52597817	2.10	cps
Carbon	12-1	27583250	27826830	27868908	27759662	0.56	cps
Carbon	12-2	265885	268975	263601	266154	1.01	cps
Chlorine	35-1	34881639	39230456	41722429	38611508	8.97	cps
Chlorine	35-2	314522	318815	320141	317826	0.92	cps
Chromium	52-2	1212531	1219231	1205152	1212304	0.58	cps
Cobalt	59-2	45503	44132	43854	44496	1.98	cps
Copper	63-2	756755	759133	742897	752928	1.16	cps
Dysprosium	156-1	20950	21326	20792	21023	1.31	cps
Dysprosium	156-2	12186	12146	12066	12132	0.50	cps
Erbium	164-1	16427	16444	16636	16502	0.70	cps
Erbium	164-2	10388	9600	10367	10118	4.44	cps
Gadolinium	160-1	18296	19607	19231	19045	3.54	cps
Gadolinium	160-2	13630	12743	12993	13122	3.49	cps
Holmium	165-1	6689452	6317765	6702385	6569867	3.32	cps
Holmium	165-2	4540765	4254676	4325570	4373671	3.41	cps
Indium	115-1	6959190	6824453	6728266	6837303	1.70	cps
Indium	115-2	1374267	1332985	1330060	1345771	1.84	cps
Iron	54-2	4687751	4765228	4720775	4724584	0.82	cps
Iron	56-2	87021458	84731913	84175588	85309653	1.77	cps
Iron	57-2	2148218	2157291	2086323	2130610	1.81	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-21	Instrumnet Name :	P8
Client Sample ID :	MH1JE3D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:25:48	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1230	1007	1090	1109	10.18	cps
Lead	206-1	629249	636089	656312	640550	2.20	cps
Lead	207-1	539852	552970	542326	545049	1.28	cps
Lead	208-1	2462673	2536279	2560501	2519818	2.02	cps
Lithium	6-1	4881793	4829625	4741953	4817790	1.47	cps
Magnesium	24-2	3666092	3674477	3692952	3677840	0.37	cps
Manganese	55-2	4855227	4843315	4801780	4833441	0.58	cps
Molybdenum	94-1	54114	55177	54868	54720	1.00	cps
Molybdenum	95-1	39616	40928	40435	40326	1.64	cps
Molybdenum	96-1	48369	50159	47591	48706	2.70	cps
Molybdenum	97-1	25157	25065	25182	25135	0.24	cps
Molybdenum	98-1	62969	62308	63430	62902	0.90	cps
Neodymium	150-1	35788	36991	35996	36258	1.77	cps
Neodymium	150-2	16207	16323	16116	16215	0.64	cps
Nickel	60-2	79568	78676	77202	78482	1.52	cps
Phosphorus	31-2	8628	8436	9078	8714	3.78	cps
Potassium	39-2	1095638	1069621	1073769	1079676	1.29	cps
Rhodium	103-1	6862076	6747281	6900689	6836682	1.17	cps
Rhodium	103-2	3845261	3860594	3880932	3862262	0.46	cps
Scandium	45-1	6771622	6489033	6732338	6664331	2.30	cps
Scandium	45-2	236238	233933	235600	235257	0.51	cps
Selenium	82-1	424	637	602	554	20.62	cps
Selenium	77-2	87	90	117	98	16.82	cps
Selenium	78-2	184	161	122	156	20.14	cps
Silicon	28-1	14887998	14655803	14472620	14672140	1.42	cps
Silver	107-1	20532	20024	20332	20296	1.26	cps
Silver	109-1	18571	18696	19164	18811	1.66	cps
Sodium	23-2	26046068	25983565	25243610	25757748	1.73	cps
Strontium	86-1	1198769	1204946	1186806	1196840	0.77	cps
Strontium	88-1	10053542	10087661	10004616	10048606	0.42	cps
Sulfur	34-1	995467	1016608	1013309	1008462	1.13	cps
Terbium	159-1	7195507	7236287	7252769	7228188	0.41	cps
Terbium	159-2	4422667	4457741	4411627	4430678	0.54	cps
Thallium	203-1	1950	1817	1967	1911	4.30	cps
Thallium	205-1	4409	4609	4468	4495	2.29	cps
Tin	118-1	282200	289832	288122	286718	1.40	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-21	Instrumnet Name :	P8
Client Sample ID :	MH1JE3D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:25:48	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	592143	600401	614393	602312	1.87	cps
Uranium	238-1	30530	31331	29084	30315	3.76	cps
Vanadium	51-2	182696	177479	176350	178842	1.89	cps
Ytterbium	172-1	4217	4351	4459	4343	2.79	cps
Ytterbium	172-2	3250	3345	3112	3236	3.63	cps
Ytterbium	176-1	3526	3342	3234	3367	4.38	cps
Ytterbium	176-2	7980	8225	8336	8180	2.23	cps
Yttrium	89-1	15345970	15085729	15162076	15197925	0.88	cps
Yttrium	89-2	1962700	1933827	1936793	1944440	0.82	cps
Zinc	66-2	693874	685323	687741	688979	0.64	cps
Zirconium	90-1	91468	91516	91780	91588	0.18	cps
Zirconium	91-1	19222	20257	23043	20841	9.48	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE3L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 14:28:44	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178372	179458	181905	179912	1.01	cps
Antimony	121-1	9353	9604	9504	9487	1.33	cps
Arsenic	75-2	995	962	965	974	1.87	cps
Barium	135-1	145857	147127	144795	145926	0.80	cps
Barium	137-1	248830	255899	253591	252773	1.43	cps
Beryllium	9-1	570	624	568	587	5.41	cps
Bismuth	209-1	3205492	3410535	3671905	3429310	6.82	cps
Bismuth	209-2	2868441	2820601	2790640	2826560	1.39	cps
Boron	10-1	90958	92528	95191	92892	2.30	cps
Boron	11-1	415383	430305	428612	424767	1.92	cps
Bromine	81-1	20687	19945	20887	20507	2.42	cps
Cadmium	111-1	6409	6211	6436	6352	1.94	cps
Cadmium	106-1	4001	4051	4209	4087	2.66	cps
Cadmium	108-1	346	346	325	339	3.55	cps
Calcium	43-1	614971	627521	633708	625400	1.53	cps
Calcium	44-1	10100824	10049407	10394702	10181644	1.83	cps
Carbon	12-1	9595472	9621160	9754293	9656975	0.88	cps
Carbon	12-2	88332	87745	89565	88547	1.05	cps
Chlorine	35-1	15940372	16086138	15864180	15963563	0.71	cps
Chlorine	35-2	106113	104627	106616	105785	0.98	cps
Chromium	52-2	175547	176381	175003	175644	0.40	cps
Cobalt	59-2	9503	9313	9880	9566	3.02	cps
Copper	63-2	160520	158796	158296	159204	0.73	cps
Dysprosium	156-1	4409	4418	4543	4456	1.68	cps
Dysprosium	156-2	2620	2664	2670	2651	1.02	cps
Erbium	164-1	3159	3601	3301	3353	6.73	cps
Erbium	164-2	2154	2047	2010	2070	3.60	cps
Gadolinium	160-1	3551	4042	3959	3851	6.84	cps
Gadolinium	160-2	2767	2940	2754	2820	3.69	cps
Holmium	165-1	5743911	6412708	6734038	6296886	8.02	cps
Holmium	165-2	4295554	4248119	4231070	4258248	0.78	cps
Indium	115-1	6269846	6610005	7198339	6692730	7.02	cps
Indium	115-2	1349765	1323553	1324097	1332472	1.12	cps
Iron	54-2	903781	883546	887805	891711	1.20	cps
Iron	56-2	16478725	16404680	16638288	16507231	0.72	cps
Iron	57-2	407984	398849	406167	404333	1.20	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE3L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 14:28:44	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1167	1137	1087	1130	3.58	cps
Lead	206-1	129483	131887	136144	132505	2.55	cps
Lead	207-1	108330	111629	111713	110557	1.75	cps
Lead	208-1	500390	515734	522824	512982	2.24	cps
Lithium	6-1	4450703	4552054	4692446	4565068	2.66	cps
Magnesium	24-2	748566	752811	756413	752596	0.52	cps
Manganese	55-2	791081	788544	796268	791965	0.50	cps
Molybdenum	94-1	10779	10930	10997	10902	1.02	cps
Molybdenum	95-1	7944	7953	8695	8197	5.26	cps
Molybdenum	96-1	10112	10204	9912	10076	1.48	cps
Molybdenum	97-1	5084	4859	4926	4957	2.33	cps
Molybdenum	98-1	12072	12348	12289	12236	1.19	cps
Neodymium	150-1	7162	7322	7462	7315	2.05	cps
Neodymium	150-2	3464	3397	3384	3415	1.26	cps
Nickel	60-2	17281	16893	17210	17128	1.20	cps
Phosphorus	31-2	1875	2059	2150	2028	6.91	cps
Potassium	39-2	246766	245886	252651	248434	1.48	cps
Rhodium	103-1	6191773	6651690	7324526	6722663	8.47	cps
Rhodium	103-2	3886060	3861031	3772677	3839923	1.55	cps
Scandium	45-1	6019375	6433988	6780042	6411135	5.94	cps
Scandium	45-2	226736	221228	226294	224753	1.36	cps
Selenium	82-1	94	87	153	111	32.56	cps
Selenium	77-2	37	27	17	27	37.50	cps
Selenium	78-2	81	80	83	81	1.88	cps
Silicon	28-1	3598887	3635945	3693734	3642855	1.31	cps
Silver	107-1	4092	4309	4301	4234	2.90	cps
Silver	109-1	3992	4201	4109	4101	2.55	cps
Sodium	23-2	5334371	5434879	5526531	5431927	1.77	cps
Strontium	86-1	233985	239113	240495	237864	1.44	cps
Strontium	88-1	2008201	2013213	2090177	2037197	2.26	cps
Sulfur	34-1	578839	583576	586555	582990	0.67	cps
Terbium	159-1	6433000	6878660	7358481	6890047	6.72	cps
Terbium	159-2	4203264	4211002	4251386	4221884	0.61	cps
Thallium	203-1	433	558	617	536	17.47	cps
Thallium	205-1	1000	1150	1267	1139	11.74	cps
Tin	118-1	60267	61280	60878	60809	0.84	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE3L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 14:28:44	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	115415	116567	119640	117207	1.86	cps
Uranium	238-1	5568	6210	6427	6068	7.36	cps
Vanadium	51-2	32861	32330	32180	32457	1.10	cps
Ytterbium	172-1	775	950	1108	945	17.66	cps
Ytterbium	172-2	644	789	683	706	10.59	cps
Ytterbium	176-1	1242	1408	1450	1367	8.07	cps
Ytterbium	176-2	6541	6752	6702	6665	1.66	cps
Yttrium	89-1	13160902	14533866	15084282	14259683	6.95	cps
Yttrium	89-2	1868133	1858527	1851028	1859229	0.46	cps
Zinc	66-2	148605	148557	149231	148797	0.25	cps
Zirconium	90-1	18171	18088	20562	18940	7.42	cps
Zirconium	91-1	3676	4359	3901	3978	8.76	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-22	Instrumnet Name :	P8
Client Sample ID :	MH1JE3S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:31:43	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825735	829872	824000	826536	0.36	cps
Antimony	121-1	99420	96558	99403	98460	1.67	cps
Arsenic	75-2	5790	5801	5649	5746	1.48	cps
Barium	135-1	1041313	1047710	1059485	1049503	0.88	cps
Barium	137-1	1828406	1860428	1826535	1838456	1.04	cps
Beryllium	9-1	20737	20985	21383	21035	1.55	cps
Bismuth	209-1	3450581	3400801	3397615	3416333	0.87	cps
Bismuth	209-2	2953277	2817546	2880110	2883644	2.36	cps
Boron	10-1	265174	276354	291107	277545	4.69	cps
Boron	11-1	1089599	1193838	1238707	1174048	6.52	cps
Bromine	81-1	29973	31207	29872	30351	2.45	cps
Cadmium	111-1	29401	30107	30682	30063	2.13	cps
Cadmium	106-1	6568	6752	6794	6705	1.79	cps
Cadmium	108-1	2038	1917	2425	2127	12.49	cps
Calcium	43-1	2859088	2725162	2819884	2801378	2.46	cps
Calcium	44-1	44545704	44489464	46453418	45162862	2.48	cps
Carbon	12-1	25856578	26389779	25912892	26053083	1.12	cps
Carbon	12-2	249174	252480	249165	250273	0.76	cps
Chlorine	35-1	29016442	33513554	37822312	33450769	13.16	cps
Chlorine	35-2	296299	311562	322137	309999	4.19	cps
Chromium	52-2	826237	825510	819304	823684	0.46	cps
Cobalt	59-2	374836	377754	374402	375664	0.49	cps
Copper	63-2	800494	805499	799397	801797	0.41	cps
Dysprosium	156-1	18130	19081	19398	18869	3.50	cps
Dysprosium	156-2	11315	11895	11282	11497	3.00	cps
Erbium	164-1	15626	14951	14834	15137	2.83	cps
Erbium	164-2	9220	9230	9160	9203	0.41	cps
Gadolinium	160-1	16577	15876	15860	16105	2.54	cps
Gadolinium	160-2	11905	12062	12236	12068	1.37	cps
Holmium	165-1	6481080	6790309	6807113	6692834	2.74	cps
Holmium	165-2	4428273	4435920	4378658	4414283	0.70	cps
Indium	115-1	6630218	6991874	6964725	6862273	2.94	cps
Indium	115-2	1350591	1349813	1348154	1349519	0.09	cps
Iron	54-2	3959468	4017160	3974707	3983778	0.75	cps
Iron	56-2	72345102	72176363	71856268	72125911	0.34	cps
Iron	57-2	1843968	1795713	1796126	1811936	1.53	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-22	Instrumnet Name :	P8
Client Sample ID :	MH1JE3S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:31:43	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1153	1203	1168	2.65	cps
Lead	206-1	611630	611647	615564	612947	0.37	cps
Lead	207-1	503782	511682	508905	508123	0.79	cps
Lead	208-1	2360071	2355175	2331222	2348822	0.66	cps
Lithium	6-1	4624712	4595384	4679676	4633257	0.92	cps
Magnesium	24-2	3346410	3334750	3264199	3315119	1.34	cps
Manganese	55-2	3796189	3887869	3771748	3818602	1.60	cps
Molybdenum	94-1	49297	47500	47424	48073	2.21	cps
Molybdenum	95-1	35496	33366	35246	34703	3.36	cps
Molybdenum	96-1	42785	41588	43269	42547	2.03	cps
Molybdenum	97-1	20716	21434	20407	20852	2.53	cps
Molybdenum	98-1	52977	54374	54684	54012	1.68	cps
Neodymium	150-1	33235	33723	33663	33540	0.79	cps
Neodymium	150-2	14762	14852	14982	14865	0.75	cps
Nickel	60-2	156059	159752	157994	157935	1.17	cps
Phosphorus	31-2	7736	8528	8077	8114	4.90	cps
Potassium	39-2	998350	999525	1004226	1000700	0.31	cps
Rhodium	103-1	6857609	6775436	6971361	6868135	1.43	cps
Rhodium	103-2	3882297	3758290	3861154	3833914	1.73	cps
Scandium	45-1	6853149	6531628	6739791	6708189	2.43	cps
Scandium	45-2	235503	233527	239066	236032	1.19	cps
Selenium	82-1	2174	2170	2119	2154	1.42	cps
Selenium	77-2	110	110	187	136	32.65	cps
Selenium	78-2	330	350	363	348	4.78	cps
Silicon	28-1	17007578	16750958	17151496	16970011	1.20	cps
Silver	107-1	85566	86321	88612	86833	1.83	cps
Silver	109-1	80813	84536	83378	82909	2.30	cps
Sodium	23-2	23950345	24657847	23918629	24175607	1.73	cps
Strontium	86-1	1083312	1051083	1053462	1062619	1.69	cps
Strontium	88-1	9032251	8767158	8949929	8916446	1.52	cps
Sulfur	34-1	959049	954076	954825	955983	0.28	cps
Terbium	159-1	7217465	6819911	6904317	6980565	3.00	cps
Terbium	159-2	4396261	4286642	4343413	4342106	1.26	cps
Thallium	203-1	27096	26854	26837	26929	0.54	cps
Thallium	205-1	63390	63096	63909	63465	0.65	cps
Tin	118-1	271169	271010	276241	272807	1.09	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-22	Instrumnet Name :	P8
Client Sample ID :	MH1JE3S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:31:43	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	538650	548082	564819	550517	2.41	cps
Uranium	238-1	27522	26579	27731	27277	2.25	cps
Vanadium	51-2	302548	302711	299827	301695	0.54	cps
Ytterbium	172-1	4468	4318	4201	4329	3.09	cps
Ytterbium	172-2	2984	3062	3084	3043	1.73	cps
Ytterbium	176-1	3184	3117	3200	3167	1.39	cps
Ytterbium	176-2	7919	8225	8720	8288	4.87	cps
Yttrium	89-1	14744421	14486516	15046931	14759289	1.90	cps
Yttrium	89-2	1904560	1895956	1922783	1907767	0.72	cps
Zinc	66-2	676014	679614	678265	677964	0.27	cps
Zirconium	90-1	79101	76083	79972	78385	2.60	cps
Zirconium	91-1	17528	18204	18580	18104	2.94	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5028-01 Instrumnet Name : P8
 Client Sample ID : MH1JD8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 14:34:39 DataFile Name : 058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139913	138582	138065	138853	0.69	cps
Antimony	121-1	23195	23087	23346	23209	0.56	cps
Arsenic	75-2	603	618	661	627	4.80	cps
Barium	135-1	157351	150878	159892	156040	2.98	cps
Barium	137-1	268868	264495	265109	266157	0.89	cps
Beryllium	9-1	398	432	366	399	8.28	cps
Bismuth	209-1	3548402	3576351	3592397	3572383	0.62	cps
Bismuth	209-2	3055403	3003582	3122954	3060646	1.96	cps
Boron	10-1	49901	48255	45449	47868	4.70	cps
Boron	11-1	228786	223356	207999	220047	4.90	cps
Bromine	81-1	20557	20165	20356	20359	0.96	cps
Cadmium	111-1	6096	5529	6065	5897	5.40	cps
Cadmium	106-1	4493	4134	4342	4323	4.16	cps
Cadmium	108-1	404	367	388	386	4.87	cps
Calcium	43-1	1046713	1053374	1085481	1061856	1.95	cps
Calcium	44-1	17286450	17304445	18228625	17606507	3.06	cps
Carbon	12-1	34598648	35616002	37546927	35920525	4.17	cps
Carbon	12-2	370790	367356	369338	369161	0.47	cps
Chlorine	35-1	33950966	38982717	42456196	38463293	11.12	cps
Chlorine	35-2	320828	329021	345136	331662	3.73	cps
Chromium	52-2	69334	67824	67921	68359	1.24	cps
Cobalt	59-2	7565	7442	7582	7530	1.02	cps
Copper	63-2	353592	361748	357664	357668	1.14	cps
Dysprosium	156-1	2950	2750	3426	3042	11.40	cps
Dysprosium	156-2	1927	2037	1837	1933	5.18	cps
Erbium	164-1	2225	2409	2409	2348	4.51	cps
Erbium	164-2	1567	1383	1560	1503	6.92	cps
Gadolinium	160-1	2784	2667	2767	2739	2.30	cps
Gadolinium	160-2	2087	1947	2044	2026	3.54	cps
Holmium	165-1	6835855	6625421	6126903	6529393	5.58	cps
Holmium	165-2	4321341	4422990	4470388	4404906	1.73	cps
Indium	115-1	6777575	6703553	6441159	6640762	2.66	cps
Indium	115-2	1374966	1378701	1397881	1383849	0.89	cps
Iron	54-2	482085	473544	478319	477983	0.90	cps
Iron	56-2	8694557	8537730	8869281	8700523	1.91	cps
Iron	57-2	220195	217754	218987	218979	0.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-01	Instrumnet Name :	P8
Client Sample ID :	MH1JD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:34:39	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1133	1083	1127	3.59	cps
Lead	206-1	96785	93810	98680	96425	2.55	cps
Lead	207-1	81215	83308	84890	83138	2.22	cps
Lead	208-1	374864	374498	387056	378806	1.89	cps
Lithium	6-1	4760180	4868000	4783332	4803837	1.18	cps
Magnesium	24-2	568208	561740	545328	558425	2.11	cps
Manganese	55-2	312244	308169	309899	310104	0.66	cps
Molybdenum	94-1	29688	23204	25057	25983	12.85	cps
Molybdenum	95-1	4551	4693	5334	4859	8.59	cps
Molybdenum	96-1	8686	8661	9087	8811	2.71	cps
Molybdenum	97-1	2850	2942	3225	3006	6.51	cps
Molybdenum	98-1	7335	7686	7819	7613	3.28	cps
Neodymium	150-1	5348	4948	5408	5234	4.78	cps
Neodymium	150-2	2437	2397	2447	2427	1.09	cps
Nickel	60-2	19006	17961	18375	18448	2.85	cps
Phosphorus	31-2	2650	2450	2650	2584	4.47	cps
Potassium	39-2	449986	448814	455378	451393	0.78	cps
Rhodium	103-1	7130383	6915204	6683148	6909578	3.24	cps
Rhodium	103-2	4057623	4102097	4076036	4078585	0.55	cps
Scandium	45-1	6770793	6542252	6700873	6671306	1.76	cps
Scandium	45-2	235999	238642	242714	239118	1.41	cps
Selenium	82-1	54	112	225	130	66.81	cps
Selenium	77-2	17	20	17	18	10.81	cps
Selenium	78-2	89	80	92	87	7.18	cps
Silicon	28-1	7847034	7777601	8226992	7950542	3.04	cps
Silver	107-1	7260	6977	7386	7208	2.90	cps
Silver	109-1	7269	7102	7194	7188	1.16	cps
Sodium	23-2	2677516	2624546	2645158	2649073	1.01	cps
Strontium	86-1	270298	262261	279439	270666	3.18	cps
Strontium	88-1	2303254	2224109	2294745	2274036	1.91	cps
Sulfur	34-1	666064	665221	670296	667193	0.41	cps
Terbium	159-1	6906077	6733020	6687326	6775474	1.70	cps
Terbium	159-2	4377830	4221969	4413962	4337921	2.35	cps
Thallium	203-1	208	183	183	192	7.53	cps
Thallium	205-1	392	400	442	411	6.52	cps
Tin	118-1	126558	127375	133123	129019	2.77	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-01	Instrumnet Name :	P8
Client Sample ID :	MH1JD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:34:39	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	98371	94536	99219	97375	2.56	cps
Uranium	238-1	7169	7602	7728	7500	3.91	cps
Vanadium	51-2	17571	16837	16840	17083	2.48	cps
Ytterbium	172-1	558	742	875	725	21.93	cps
Ytterbium	172-2	683	428	494	535	24.77	cps
Ytterbium	176-1	983	1275	1325	1195	15.45	cps
Ytterbium	176-2	6557	6919	6802	6759	2.73	cps
Yttrium	89-1	14857593	14328114	14466302	14550670	1.89	cps
Yttrium	89-2	1911406	1987749	1927094	1942083	2.08	cps
Zinc	66-2	203554	202421	199538	201838	1.03	cps
Zirconium	90-1	57704	57185	60018	58302	2.59	cps
Zirconium	91-1	13166	12956	13173	13098	0.94	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-02	Instrumnet Name :	P8
Client Sample ID :	MH1JD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:37:38	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800440	787900	781490	789943	1.22	cps
Antimony	121-1	25015	25909	26643	25856	3.15	cps
Arsenic	75-2	690	646	756	697	7.94	cps
Barium	135-1	194636	197827	197496	196653	0.89	cps
Barium	137-1	330797	344523	333749	336356	2.15	cps
Beryllium	9-1	472	488	438	466	5.48	cps
Bismuth	209-1	3618391	3451246	3595212	3554950	2.55	cps
Bismuth	209-2	3006676	2994416	2694546	2898546	6.10	cps
Boron	10-1	36155	36107	36496	36253	0.58	cps
Boron	11-1	162411	165591	169804	165935	2.23	cps
Bromine	81-1	23484	23434	25440	24119	4.74	cps
Cadmium	111-1	6879	7048	7172	7033	2.09	cps
Cadmium	106-1	5918	5651	5685	5751	2.53	cps
Cadmium	108-1	1021	1054	904	993	7.93	cps
Calcium	43-1	4732302	4571114	4826912	4710109	2.75	cps
Calcium	44-1	77889999	74708239	76579463	76392567	2.09	cps
Carbon	12-1	24523239	25936782	25594532	25351518	2.91	cps
Carbon	12-2	247209	242723	241210	243714	1.28	cps
Chlorine	35-1	33974927	37679843	40267210	37307327	8.48	cps
Chlorine	35-2	296058	300158	302310	299509	1.06	cps
Chromium	52-2	198651	194442	192470	195188	1.62	cps
Cobalt	59-2	9970	9637	9520	9709	2.41	cps
Copper	63-2	487305	486809	484709	486274	0.28	cps
Dysprosium	156-1	4042	4518	4443	4334	5.89	cps
Dysprosium	156-2	2517	2324	2220	2354	6.40	cps
Erbium	164-1	3284	3284	3100	3223	3.29	cps
Erbium	164-2	2030	2040	1924	1998	3.24	cps
Gadolinium	160-1	3484	3684	3401	3523	4.14	cps
Gadolinium	160-2	2574	2667	2440	2560	4.45	cps
Holmium	165-1	6704121	6587255	6619958	6637111	0.91	cps
Holmium	165-2	4365672	4247103	3901278	4171351	5.78	cps
Indium	115-1	7142205	6910483	7197571	7083419	2.15	cps
Indium	115-2	1368550	1331588	1234798	1311645	5.27	cps
Iron	54-2	570748	555276	550247	558757	1.91	cps
Iron	56-2	10070861	10132755	10045080	10082899	0.45	cps
Iron	57-2	258507	255882	254217	256202	0.84	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-02	Instrumnet Name :	P8
Client Sample ID :	MH1JD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:37:38	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1137	1277	1165	8.69	cps
Lead	206-1	200242	198525	197476	198748	0.70	cps
Lead	207-1	167144	171510	171443	170032	1.47	cps
Lead	208-1	761045	777444	792777	777089	2.04	cps
Lithium	6-1	4923829	4745678	4934680	4868062	2.18	cps
Magnesium	24-2	890858	886640	869194	882231	1.30	cps
Manganese	55-2	326548	323809	320960	323772	0.86	cps
Molybdenum	94-1	181608	182415	174875	179633	2.30	cps
Molybdenum	95-1	6510	6202	5568	6093	7.88	cps
Molybdenum	96-1	36243	35346	36758	36116	1.98	cps
Molybdenum	97-1	3592	3751	4034	3792	5.90	cps
Molybdenum	98-1	9687	9629	10396	9904	4.31	cps
Neodymium	150-1	6235	6662	7049	6648	6.12	cps
Neodymium	150-2	2894	2860	2934	2896	1.27	cps
Nickel	60-2	21500	21253	21089	21280	0.97	cps
Phosphorus	31-2	4926	4292	4234	4484	8.56	cps
Potassium	39-2	634622	620952	626451	627342	1.10	cps
Rhodium	103-1	7027312	6803986	7153078	6994792	2.53	cps
Rhodium	103-2	4116380	3798266	3538665	3817770	7.58	cps
Scandium	45-1	6765446	6573718	6816336	6718500	1.90	cps
Scandium	45-2	241411	237190	213692	230764	6.47	cps
Selenium	82-1	291	193	51	178	67.82	cps
Selenium	77-2	23	7	17	16	53.90	cps
Selenium	78-2	82	108	72	87	21.28	cps
Silicon	28-1	7461904	7797054	7680238	7646399	2.22	cps
Silver	107-1	7978	8003	7569	7850	3.10	cps
Silver	109-1	6593	7394	7044	7010	5.72	cps
Sodium	23-2	5370651	5331744	5322103	5341500	0.48	cps
Strontium	86-1	616634	611680	627451	618588	1.30	cps
Strontium	88-1	5176928	5236487	5107359	5173591	1.25	cps
Sulfur	34-1	907305	940124	938146	928525	1.98	cps
Terbium	159-1	7203666	7182270	7030900	7138946	1.32	cps
Terbium	159-2	4421973	4225291	4012622	4219962	4.85	cps
Thallium	203-1	308	333	300	314	5.53	cps
Thallium	205-1	708	833	942	828	14.11	cps
Tin	118-1	94075	94838	98827	95913	2.66	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-02	Instrumnet Name :	P8
Client Sample ID :	MH1JD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:37:38	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	109495	111516	114372	111794	2.19	cps
Uranium	238-1	11347	11172	11456	11325	1.26	cps
Vanadium	51-2	20058	19507	19644	19736	1.45	cps
Ytterbium	172-1	1208	1183	1008	1133	9.62	cps
Ytterbium	172-2	833	867	839	846	2.11	cps
Ytterbium	176-1	1950	1950	2192	2031	6.87	cps
Ytterbium	176-2	6757	7069	6796	6874	2.47	cps
Yttrium	89-1	14894928	15124018	14869089	14962678	0.94	cps
Yttrium	89-2	1974126	1910205	1758300	1880877	5.89	cps
Zinc	66-2	298538	298667	296279	297828	0.45	cps
Zirconium	90-1	498067	501292	495626	498328	0.57	cps
Zirconium	91-1	109258	109886	114347	111164	2.50	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-03	Instrumnet Name :	P8
Client Sample ID :	MH1JE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:40:36	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	538924	536882	532853	536220	0.58	cps
Antimony	121-1	59782	59873	61875	60510	1.95	cps
Arsenic	75-2	3063	2972	3021	3018	1.51	cps
Barium	135-1	434925	446952	448863	443580	1.70	cps
Barium	137-1	748632	773133	780699	767488	2.18	cps
Beryllium	9-1	1632	1648	1758	1679	4.08	cps
Bismuth	209-1	3817102	3803342	3777309	3799251	0.53	cps
Bismuth	209-2	3187607	2962562	3021677	3057282	3.82	cps
Boron	10-1	57398	61349	63159	60635	4.86	cps
Boron	11-1	262105	274900	284762	273923	4.15	cps
Bromine	81-1	22431	23785	24948	23721	5.31	cps
Cadmium	111-1	11168	11527	11213	11303	1.73	cps
Cadmium	106-1	6277	6193	5968	6146	2.60	cps
Cadmium	108-1	1367	1200	1400	1322	8.10	cps
Calcium	43-1	1939904	1949946	2042042	1977298	2.85	cps
Calcium	44-1	31958843	31952779	31500771	31804131	0.83	cps
Carbon	12-1	33123815	35009488	36127179	34753494	4.37	cps
Carbon	12-2	346514	340494	348231	345080	1.18	cps
Chlorine	35-1	34441675	39295836	43076675	38938062	11.12	cps
Chlorine	35-2	321488	328281	336930	328900	2.35	cps
Chromium	52-2	229488	231663	231758	230969	0.56	cps
Cobalt	59-2	32263	31856	32303	32141	0.77	cps
Copper	63-2	848942	852805	838797	846848	0.85	cps
Dysprosium	156-1	13532	14450	14825	14269	4.66	cps
Dysprosium	156-2	8956	8296	8786	8680	3.95	cps
Erbium	164-1	10663	10830	10513	10668	1.49	cps
Erbium	164-2	6678	6732	6665	6692	0.53	cps
Gadolinium	160-1	12565	12923	12364	12617	2.24	cps
Gadolinium	160-2	9130	9093	9016	9080	0.64	cps
Holmium	165-1	6639385	6757842	6568914	6655380	1.43	cps
Holmium	165-2	4452821	4254695	4463055	4390190	2.68	cps
Indium	115-1	7034831	6858421	7213478	7035577	2.52	cps
Indium	115-2	1367207	1304688	1323222	1331706	2.41	cps
Iron	54-2	2076570	2062393	2021890	2053618	1.38	cps
Iron	56-2	37594309	37831168	37851944	37759140	0.38	cps
Iron	57-2	928345	923455	916818	922873	0.63	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-03	Instrumnet Name :	P8
Client Sample ID :	MH1JE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:40:36	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1183	1037	1187	1136	7.54	cps
Lead	206-1	677763	683366	679805	680312	0.42	cps
Lead	207-1	567997	564100	575824	569307	1.05	cps
Lead	208-1	2593628	2634204	2674422	2634084	1.53	cps
Lithium	6-1	4931508	4907595	4730153	4856418	2.27	cps
Magnesium	24-2	1684928	1703101	1738710	1708913	1.60	cps
Manganese	55-2	1092860	1089289	1058845	1080331	1.73	cps
Molybdenum	94-1	205694	212742	219941	212792	3.35	cps
Molybdenum	95-1	21617	21375	21910	21634	1.24	cps
Molybdenum	96-1	56960	58147	59865	58324	2.50	cps
Molybdenum	97-1	13282	13023	13590	13298	2.14	cps
Molybdenum	98-1	33808	33032	33533	33458	1.18	cps
Neodymium	150-1	24296	24970	25231	24832	1.94	cps
Neodymium	150-2	10781	10885	11482	11049	3.42	cps
Nickel	60-2	57961	58175	57308	57815	0.78	cps
Phosphorus	31-2	6051	6585	6418	6352	4.30	cps
Potassium	39-2	1034996	1039393	1022985	1032458	0.82	cps
Rhodium	103-1	6998540	6626786	6977317	6867548	3.04	cps
Rhodium	103-2	3952133	3808523	3900063	3886906	1.87	cps
Scandium	45-1	6679386	6797979	6527151	6668172	2.04	cps
Scandium	45-2	234701	230179	228985	231288	1.30	cps
Selenium	82-1	389	571	464	475	19.20	cps
Selenium	77-2	63	80	97	80	20.84	cps
Selenium	78-2	141	116	167	141	18.04	cps
Silicon	28-1	11156097	11568000	11838710	11520936	2.98	cps
Silver	107-1	25658	27052	26952	26554	2.93	cps
Silver	109-1	24113	24448	24414	24325	0.76	cps
Sodium	23-2	7076397	7308736	7394444	7259859	2.27	cps
Strontium	86-1	638127	653447	666444	652672	2.17	cps
Strontium	88-1	5402808	5494530	5593122	5496820	1.73	cps
Sulfur	34-1	919231	932466	961747	937815	2.32	cps
Terbium	159-1	7061925	7051208	7111481	7074871	0.45	cps
Terbium	159-2	4333304	4228448	4246404	4269385	1.31	cps
Thallium	203-1	1000	1100	1000	1033	5.59	cps
Thallium	205-1	2242	2425	2625	2431	7.89	cps
Tin	118-1	129916	132275	135433	132541	2.09	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-03	Instrumnet Name :	P8
Client Sample ID :	MH1JE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:40:36	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342833	339235	349512	343860	1.52	cps
Uranium	238-1	24416	24934	25510	24953	2.19	cps
Vanadium	51-2	77592	76359	78233	77395	1.23	cps
Ytterbium	172-1	2967	3000	2834	2934	3.01	cps
Ytterbium	172-2	2150	2256	2300	2235	3.45	cps
Ytterbium	176-1	3109	3367	3184	3220	4.13	cps
Ytterbium	176-2	7786	8092	8103	7993	2.25	cps
Yttrium	89-1	14610032	14948808	14930354	14829732	1.28	cps
Yttrium	89-2	1927781	1896467	1901148	1908465	0.89	cps
Zinc	66-2	619041	612372	615562	615658	0.54	cps
Zirconium	90-1	564602	566106	590440	573716	2.53	cps
Zirconium	91-1	126559	127096	129081	127579	1.04	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-04	Instrumnet Name :	P8
Client Sample ID :	MH1JE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:43:30	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332908	325653	317758	325440	2.33	cps
Antimony	121-1	24514	25483	25591	25196	2.35	cps
Arsenic	75-2	2385	2250	2251	2296	3.38	cps
Barium	135-1	960591	977017	953722	963777	1.24	cps
Barium	137-1	1634192	1712177	1633763	1660044	2.72	cps
Beryllium	9-1	826	768	794	796	3.65	cps
Bismuth	209-1	3424607	3491332	3592475	3502805	2.41	cps
Bismuth	209-2	2850661	2906070	2837001	2864577	1.28	cps
Boron	10-1	734632	815034	790021	779896	5.28	cps
Boron	11-1	3140549	3421418	3592575	3384847	6.74	cps
Bromine	81-1	22261	22491	22321	22358	0.53	cps
Cadmium	111-1	9843	9963	9546	9784	2.19	cps
Cadmium	106-1	4918	5184	4367	4823	8.64	cps
Cadmium	108-1	650	746	638	678	8.75	cps
Calcium	43-1	2697397	2680818	2635231	2671149	1.21	cps
Calcium	44-1	42757138	44328851	43165076	43417022	1.88	cps
Carbon	12-1	35978727	36235260	36696261	36303416	1.00	cps
Carbon	12-2	344765	345895	344316	344992	0.24	cps
Chlorine	35-1	38487160	43691703	46811876	42996913	9.78	cps
Chlorine	35-2	347813	355048	361506	354789	1.93	cps
Chromium	52-2	275198	269716	265673	270196	1.77	cps
Cobalt	59-2	17224	16777	16233	16744	2.96	cps
Copper	63-2	414508	407337	405819	409221	1.13	cps
Dysprosium	156-1	8436	7919	7886	8080	3.82	cps
Dysprosium	156-2	4928	4694	4691	4771	2.85	cps
Erbium	164-1	5693	5902	6210	5935	4.38	cps
Erbium	164-2	3721	3957	3691	3789	3.86	cps
Gadolinium	160-1	6627	7102	7619	7116	6.97	cps
Gadolinium	160-2	4988	4924	4748	4886	2.55	cps
Holmium	165-1	6601038	6786656	6912691	6766795	2.32	cps
Holmium	165-2	4349750	4366910	4355439	4357366	0.20	cps
Indium	115-1	6760087	6977896	6893558	6877180	1.60	cps
Indium	115-2	1340438	1346196	1339760	1342131	0.26	cps
Iron	54-2	1440617	1376425	1368899	1395314	2.82	cps
Iron	56-2	25948908	25314805	25479487	25581067	1.29	cps
Iron	57-2	635932	623232	616413	625192	1.58	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-04	Instrumnet Name :	P8
Client Sample ID :	MH1JE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:43:30	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1120	1067	1121	4.91	cps
Lead	206-1	222941	226187	237775	228967	3.41	cps
Lead	207-1	191040	193349	190245	191545	0.84	cps
Lead	208-1	882034	893855	888198	888029	0.67	cps
Lithium	6-1	4885204	4702713	4843627	4810515	1.99	cps
Magnesium	24-2	1983436	1921269	1882950	1929219	2.63	cps
Manganese	55-2	1272496	1246760	1227180	1248812	1.82	cps
Molybdenum	94-1	26460	27971	26084	26838	3.72	cps
Molybdenum	95-1	10554	10663	10337	10518	1.57	cps
Molybdenum	96-1	14424	15234	15426	15028	3.54	cps
Molybdenum	97-1	6477	6785	6460	6574	2.79	cps
Molybdenum	98-1	16519	17587	17244	17117	3.19	cps
Neodymium	150-1	13447	13107	13380	13311	1.35	cps
Neodymium	150-2	6198	5961	5901	6020	2.61	cps
Nickel	60-2	51821	51934	50804	51520	1.21	cps
Phosphorus	31-2	10070	9970	10112	10051	0.72	cps
Potassium	39-2	889916	904630	882448	892331	1.26	cps
Rhodium	103-1	6856035	7184742	6955802	6998860	2.41	cps
Rhodium	103-2	3869853	3870465	3943732	3894683	1.09	cps
Scandium	45-1	6662291	6784548	6618868	6688569	1.28	cps
Scandium	45-2	238158	234044	230842	234348	1.57	cps
Selenium	82-1	231	306	331	289	18.10	cps
Selenium	77-2	37	57	27	40	38.18	cps
Selenium	78-2	119	97	105	107	10.41	cps
Silicon	28-1	8091382	8472218	8300299	8287966	2.30	cps
Silver	107-1	12506	13340	13590	13146	4.32	cps
Silver	109-1	12756	12489	13065	12770	2.26	cps
Sodium	23-2	16884278	16772216	16358796	16671763	1.66	cps
Strontium	86-1	881524	872301	885056	879627	0.75	cps
Strontium	88-1	7226774	7411977	7484258	7374336	1.80	cps
Sulfur	34-1	1027876	1062098	1055395	1048456	1.73	cps
Terbium	159-1	7001634	7271464	7082215	7118438	1.95	cps
Terbium	159-2	4368432	4362921	4312464	4347939	0.71	cps
Thallium	203-1	525	692	650	622	13.94	cps
Thallium	205-1	1542	1492	1483	1506	2.10	cps
Tin	118-1	74454	77520	78099	76691	2.55	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-04	Instrumnet Name :	P8
Client Sample ID :	MH1JE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:43:30	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	199239	203720	205396	202785	1.57	cps
Uranium	238-1	11481	11706	11914	11700	1.85	cps
Vanadium	51-2	51051	49940	49840	50277	1.34	cps
Ytterbium	172-1	1517	1542	1759	1606	8.28	cps
Ytterbium	172-2	1222	1395	1189	1269	8.70	cps
Ytterbium	176-1	1850	1917	1750	1839	4.56	cps
Ytterbium	176-2	6869	6719	7063	6883	2.51	cps
Yttrium	89-1	14506236	15040649	15166846	14904577	2.35	cps
Yttrium	89-2	1918344	1871741	1935073	1908386	1.72	cps
Zinc	66-2	329361	322771	319651	323928	1.53	cps
Zirconium	90-1	56726	56934	57873	57177	1.07	cps
Zirconium	91-1	13541	13232	13524	13432	1.29	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-05	Instrumnet Name :	P8
Client Sample ID :	MH1JE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:46:26	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443337	442561	436019	440639	0.91	cps
Antimony	121-1	36976	37218	37661	37285	0.93	cps
Arsenic	75-2	2809	2892	2836	2845	1.49	cps
Barium	135-1	452667	478237	481928	470944	3.38	cps
Barium	137-1	790482	802905	797145	796844	0.78	cps
Beryllium	9-1	1250	1206	1224	1226	1.80	cps
Bismuth	209-1	3663911	3424802	3487130	3525281	3.52	cps
Bismuth	209-2	3020198	2851804	2823223	2898408	3.67	cps
Boron	10-1	196457	200424	199941	198941	1.09	cps
Boron	11-1	918158	924043	838262	893488	5.36	cps
Bromine	81-1	22622	22602	21860	22361	1.94	cps
Cadmium	111-1	26697	27460	26631	26929	1.71	cps
Cadmium	106-1	6285	6760	6435	6493	3.74	cps
Cadmium	108-1	1854	1871	1992	1906	3.94	cps
Calcium	43-1	3045374	3030472	3174566	3083471	2.57	cps
Calcium	44-1	47702868	48804257	50669130	49058752	3.06	cps
Carbon	12-1	29631388	31087578	30747606	30488857	2.50	cps
Carbon	12-2	297598	303201	283630	294810	3.42	cps
Chlorine	35-1	37783741	42475976	46033010	42097576	9.83	cps
Chlorine	35-2	341793	353827	358886	351502	2.50	cps
Chromium	52-2	323531	327168	318721	323140	1.31	cps
Cobalt	59-2	30205	30596	29895	30232	1.16	cps
Copper	63-2	677065	669338	660701	669035	1.22	cps
Dysprosium	156-1	12356	13023	13799	13060	5.53	cps
Dysprosium	156-2	8062	8363	7759	8061	3.74	cps
Erbium	164-1	9470	9362	9445	9426	0.60	cps
Erbium	164-2	6068	5811	6051	5977	2.40	cps
Gadolinium	160-1	11005	11447	11797	11416	3.48	cps
Gadolinium	160-2	8209	7996	8109	8105	1.32	cps
Holmium	165-1	6517002	6823555	6556108	6632222	2.52	cps
Holmium	165-2	4438432	4320546	4374945	4377974	1.35	cps
Indium	115-1	7004744	6884472	6773499	6887571	1.68	cps
Indium	115-2	1376539	1317014	1350521	1348025	2.21	cps
Iron	54-2	2008505	2022964	2028869	2020113	0.52	cps
Iron	56-2	36798711	36464262	36106077	36456350	0.95	cps
Iron	57-2	918487	898899	896492	904626	1.33	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-05	Instrumnet Name :	P8
Client Sample ID :	MH1JE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:46:26	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1130	1083	1133	4.57	cps
Lead	206-1	406646	417160	425877	416561	2.31	cps
Lead	207-1	352012	349675	349691	350459	0.38	cps
Lead	208-1	1632046	1603645	1623971	1619887	0.90	cps
Lithium	6-1	4950664	4884756	4921012	4918810	0.67	cps
Magnesium	24-2	2093612	2116304	2057715	2089210	1.41	cps
Manganese	55-2	1401613	1369100	1348548	1373087	1.95	cps
Molybdenum	94-1	45676	46997	46972	46548	1.62	cps
Molybdenum	95-1	22293	21860	22394	22182	1.28	cps
Molybdenum	96-1	29299	29632	31002	29978	3.01	cps
Molybdenum	97-1	13399	14224	14725	14116	4.75	cps
Molybdenum	98-1	34594	34769	35221	34861	0.93	cps
Neodymium	150-1	21444	21591	22059	21698	1.48	cps
Neodymium	150-2	10034	9507	9747	9763	2.70	cps
Nickel	60-2	108792	108424	108618	108611	0.17	cps
Phosphorus	31-2	8569	8069	8319	8319	3.01	cps
Potassium	39-2	996513	1014222	979547	996760	1.74	cps
Rhodium	103-1	6934579	7131067	6658262	6907969	3.44	cps
Rhodium	103-2	4004082	3855185	3965418	3941562	1.96	cps
Scandium	45-1	6533228	6783706	6918832	6745255	2.90	cps
Scandium	45-2	239739	228860	234530	234376	2.32	cps
Selenium	82-1	451	479	597	509	15.25	cps
Selenium	77-2	60	70	70	67	8.66	cps
Selenium	78-2	147	146	133	142	5.50	cps
Silicon	28-1	9450797	9583651	9759984	9598144	1.62	cps
Silver	107-1	18880	19448	18329	18886	2.96	cps
Silver	109-1	17345	17754	17996	17698	1.86	cps
Sodium	23-2	8840545	8992739	8627880	8820388	2.08	cps
Strontium	86-1	902765	909927	932856	915183	1.72	cps
Strontium	88-1	7563309	7480659	7702150	7582039	1.48	cps
Sulfur	34-1	795071	803263	789355	795896	0.88	cps
Terbium	159-1	7246876	7170067	7177084	7198009	0.59	cps
Terbium	159-2	4366498	4224031	4337373	4309301	1.75	cps
Thallium	203-1	1008	1125	1042	1058	5.68	cps
Thallium	205-1	2509	2359	2600	2489	4.90	cps
Tin	118-1	146861	143430	150552	146948	2.42	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-05	Instrumnet Name :	P8
Client Sample ID :	MH1JE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:46:26	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267657	268659	272693	269670	0.99	cps
Uranium	238-1	17596	17771	16995	17454	2.33	cps
Vanadium	51-2	71427	71404	70801	71211	0.50	cps
Ytterbium	172-1	2500	2375	2392	2423	2.80	cps
Ytterbium	172-2	1961	1883	1928	1924	2.03	cps
Ytterbium	176-1	2309	2350	2250	2303	2.18	cps
Ytterbium	176-2	7391	7347	7591	7443	1.75	cps
Yttrium	89-1	15160711	14968577	14883283	15004191	0.95	cps
Yttrium	89-2	1993143	1862323	1903814	1919760	3.48	cps
Zinc	66-2	634850	630353	628003	631069	0.55	cps
Zirconium	90-1	100353	95462	97049	97621	2.56	cps
Zirconium	91-1	20791	21409	20924	21041	1.54	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-06	Instrumnet Name :	P8
Client Sample ID :	MH1JE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:49:19	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	462541	461484	465314	463113	0.43	cps
Antimony	121-1	48203	52485	52025	50904	4.62	cps
Arsenic	75-2	2164	2256	2120	2180	3.18	cps
Barium	135-1	379180	397956	385254	387463	2.47	cps
Barium	137-1	647844	653158	679145	660049	2.54	cps
Beryllium	9-1	2058	1894	2166	2039	6.72	cps
Bismuth	209-1	3544591	3515411	3671592	3577198	2.32	cps
Bismuth	209-2	2897515	2942260	2536461	2792079	7.97	cps
Boron	10-1	110703	110809	110364	110625	0.21	cps
Boron	11-1	495869	509372	501157	502133	1.36	cps
Bromine	81-1	24577	23875	25079	24510	2.47	cps
Cadmium	111-1	7702	8449	8246	8132	4.74	cps
Cadmium	106-1	4509	4743	4701	4651	2.68	cps
Cadmium	108-1	650	550	583	594	8.57	cps
Calcium	43-1	1209011	1208294	1223598	1213634	0.71	cps
Calcium	44-1	19323737	19603457	19988633	19638609	1.70	cps
Carbon	12-1	31121327	31219841	31424622	31255263	0.50	cps
Carbon	12-2	297196	299104	300745	299015	0.59	cps
Chlorine	35-1	35562931	40154498	43880234	39865888	10.45	cps
Chlorine	35-2	320945	328406	338398	329250	2.66	cps
Chromium	52-2	71377	70741	71846	71321	0.78	cps
Cobalt	59-2	30483	30830	30486	30600	0.65	cps
Copper	63-2	396550	392253	389978	392927	0.85	cps
Dysprosium	156-1	20258	19682	19248	19729	2.57	cps
Dysprosium	156-2	11185	11608	11435	11409	1.87	cps
Erbium	164-1	14550	14533	13591	14225	3.86	cps
Erbium	164-2	9170	8636	8956	8921	3.01	cps
Gadolinium	160-1	16511	17228	16552	16764	2.40	cps
Gadolinium	160-2	11809	11725	11935	11823	0.90	cps
Holmium	165-1	6693684	6884945	6838857	6805829	1.47	cps
Holmium	165-2	4374742	4393878	3832970	4200530	7.58	cps
Indium	115-1	7052328	7228304	7130373	7137001	1.24	cps
Indium	115-2	1388109	1366891	1212163	1322388	7.26	cps
Iron	54-2	1682417	1660046	1695285	1679250	1.06	cps
Iron	56-2	30317993	29609154	29553551	29826900	1.43	cps
Iron	57-2	748339	734798	734646	739261	1.06	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-06	Instrumnet Name :	P8
Client Sample ID :	MH1JE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:49:19	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1160	1177	1103	1147	3.35	cps
Lead	206-1	410239	427095	418688	418674	2.01	cps
Lead	207-1	353672	363419	364201	360431	1.63	cps
Lead	208-1	1634757	1667129	1676778	1659555	1.33	cps
Lithium	6-1	4721827	5048102	4830397	4866775	3.41	cps
Magnesium	24-2	1532299	1584611	1561727	1559546	1.68	cps
Manganese	55-2	698584	711508	698331	702807	1.07	cps
Molybdenum	94-1	30300	31302	31637	31080	2.24	cps
Molybdenum	95-1	35338	34026	33449	34271	2.82	cps
Molybdenum	96-1	39073	36122	39173	38123	4.55	cps
Molybdenum	97-1	20741	21267	21868	21292	2.65	cps
Molybdenum	98-1	54784	56231	56081	55699	1.43	cps
Neodymium	150-1	33790	33663	34244	33899	0.90	cps
Neodymium	150-2	15002	14842	14848	14897	0.61	cps
Nickel	60-2	28809	28094	28452	28452	1.26	cps
Phosphorus	31-2	10529	10954	10796	10760	2.00	cps
Potassium	39-2	1248462	1261399	1262672	1257511	0.63	cps
Rhodium	103-1	6991625	7284818	7214421	7163622	2.14	cps
Rhodium	103-2	4020587	3972437	3570800	3854608	6.41	cps
Scandium	45-1	6761404	6829936	6765559	6785633	0.57	cps
Scandium	45-2	235116	243455	211142	229904	7.30	cps
Selenium	82-1	212	265	346	274	24.62	cps
Selenium	77-2	43	90	60	64	36.70	cps
Selenium	78-2	129	107	109	115	10.58	cps
Silicon	28-1	8834540	8849529	8972107	8885392	0.85	cps
Silver	107-1	6385	6218	6443	6349	1.84	cps
Silver	109-1	6252	6068	6026	6115	1.96	cps
Sodium	23-2	11302043	11427312	11534691	11421349	1.02	cps
Strontium	86-1	476347	482329	486891	481856	1.10	cps
Strontium	88-1	4088106	4095978	4235986	4140023	2.01	cps
Sulfur	34-1	872655	886854	888388	882632	0.98	cps
Terbium	159-1	7122596	7714258	6947001	7261285	5.54	cps
Terbium	159-2	4431134	4480770	3774679	4228861	9.32	cps
Thallium	203-1	833	933	833	867	6.66	cps
Thallium	205-1	2000	2500	2442	2314	11.82	cps
Tin	118-1	107596	104760	109289	107215	2.13	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-06	Instrumnet Name :	P8
Client Sample ID :	MH1JE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:49:19	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	254410	254830	260313	256518	1.28	cps
Uranium	238-1	27497	26529	27522	27183	2.08	cps
Vanadium	51-2	48040	47666	46873	47526	1.25	cps
Ytterbium	172-1	3842	3934	3709	3828	2.96	cps
Ytterbium	172-2	2989	2789	3100	2960	5.33	cps
Ytterbium	176-1	3326	3434	3159	3306	4.19	cps
Ytterbium	176-2	7697	8659	7058	7804	10.33	cps
Yttrium	89-1	15239657	15378848	15713397	15443968	1.58	cps
Yttrium	89-2	1930512	1953950	1767242	1883901	5.40	cps
Zinc	66-2	1082154	1065026	1086373	1077851	1.05	cps
Zirconium	90-1	30611	30326	32525	31154	3.84	cps
Zirconium	91-1	6085	6944	6602	6543	6.61	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-07	Instrumnet Name :	P8
Client Sample ID :	MH1JE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:52:15	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	418045	415232	408904	414060	1.13	cps
Antimony	121-1	33041	32381	32724	32715	1.01	cps
Arsenic	75-2	2252	2154	2217	2208	2.25	cps
Barium	135-1	331580	337642	346225	338482	2.17	cps
Barium	137-1	577400	600844	588727	588990	1.99	cps
Beryllium	9-1	1746	1632	1442	1606	9.56	cps
Bismuth	209-1	3410046	3599023	3444796	3484622	2.89	cps
Bismuth	209-2	3049332	2980815	3023471	3017873	1.15	cps
Boron	10-1	74722	77799	79859	77460	3.34	cps
Boron	11-1	348404	360044	357154	355201	1.71	cps
Bromine	81-1	23835	24256	24276	24123	1.03	cps
Cadmium	111-1	7633	8082	8382	8032	4.69	cps
Cadmium	106-1	4509	5026	5184	4907	7.20	cps
Cadmium	108-1	738	708	575	674	12.86	cps
Calcium	43-1	1363516	1394153	1441757	1399809	2.82	cps
Calcium	44-1	22486064	22824773	22976612	22762483	1.10	cps
Carbon	12-1	28915196	29112079	30062619	29363298	2.09	cps
Carbon	12-2	289173	281413	287534	286040	1.43	cps
Chlorine	35-1	35261946	39839623	43261756	39454442	10.17	cps
Chlorine	35-2	323621	329745	336428	329932	1.94	cps
Chromium	52-2	72191	70553	69649	70798	1.82	cps
Cobalt	59-2	26992	26755	27143	26963	0.72	cps
Copper	63-2	396609	394675	388602	393296	1.06	cps
Dysprosium	156-1	16269	14867	15843	15660	4.59	cps
Dysprosium	156-2	9250	9647	9664	9520	2.46	cps
Erbium	164-1	11981	11038	11947	11655	4.59	cps
Erbium	164-2	7395	7522	7305	7408	1.47	cps
Gadolinium	160-1	13007	14074	13624	13568	3.95	cps
Gadolinium	160-2	9780	9560	9340	9560	2.30	cps
Holmium	165-1	6520728	6554535	6716710	6597324	1.59	cps
Holmium	165-2	4529719	4386638	4574217	4496858	2.18	cps
Indium	115-1	6934135	7134001	7103112	7057083	1.52	cps
Indium	115-2	1394744	1371359	1407566	1391223	1.32	cps
Iron	54-2	1478482	1438612	1457853	1458316	1.37	cps
Iron	56-2	26363774	25819101	25741210	25974695	1.31	cps
Iron	57-2	651516	657532	642080	650376	1.20	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-07	Instrumnet Name :	P8
Client Sample ID :	MH1JE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:52:15	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1223	1273	1113	1203	6.80	cps
Lead	206-1	452310	461109	453084	455501	1.07	cps
Lead	207-1	375042	376071	370141	373752	0.85	cps
Lead	208-1	1766169	1764383	1754022	1761525	0.37	cps
Lithium	6-1	4398985	4743059	4702608	4614884	4.08	cps
Magnesium	24-2	1932440	1852297	1915684	1900140	2.22	cps
Manganese	55-2	609329	604330	603297	605652	0.53	cps
Molybdenum	94-1	33032	32616	32146	32598	1.36	cps
Molybdenum	95-1	33808	36056	34494	34786	3.31	cps
Molybdenum	96-1	38905	39641	40251	39599	1.70	cps
Molybdenum	97-1	22051	21334	21476	21620	1.76	cps
Molybdenum	98-1	58140	56048	54918	56369	2.90	cps
Neodymium	150-1	27662	27535	26320	27172	2.73	cps
Neodymium	150-2	12826	12032	12192	12350	3.40	cps
Nickel	60-2	26445	27049	26872	26789	1.16	cps
Phosphorus	31-2	10070	10279	9745	10032	2.68	cps
Potassium	39-2	1221510	1231450	1187460	1213473	1.90	cps
Rhodium	103-1	6824182	6872243	7002186	6899537	1.33	cps
Rhodium	103-2	4056538	4014391	4105633	4058854	1.13	cps
Scandium	45-1	6414958	6814259	6655218	6628145	3.03	cps
Scandium	45-2	238440	240778	244953	241390	1.37	cps
Selenium	82-1	232	139	311	227	37.91	cps
Selenium	77-2	57	70	70	66	11.74	cps
Selenium	78-2	119	123	112	118	4.72	cps
Silicon	28-1	9054832	9758416	9516365	9443204	3.79	cps
Silver	107-1	6652	7052	6335	6680	5.38	cps
Silver	109-1	6060	6043	6368	6157	2.97	cps
Sodium	23-2	10402239	10424159	10532715	10453038	0.67	cps
Strontium	86-1	428130	436897	446337	437121	2.08	cps
Strontium	88-1	3697648	3599762	3728118	3675176	1.82	cps
Sulfur	34-1	841914	860909	847499	850107	1.15	cps
Terbium	159-1	6697517	7018371	6986512	6900800	2.56	cps
Terbium	159-2	4408159	4397411	4537432	4447667	1.75	cps
Thallium	203-1	867	1008	742	872	15.30	cps
Thallium	205-1	2250	1925	2025	2067	8.05	cps
Tin	118-1	84889	85232	84437	84853	0.47	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-07	Instrumnet Name :	P8
Client Sample ID :	MH1JE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:52:15	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	265197	259510	261213	261974	1.11	cps
Uranium	238-1	19649	21060	19699	20136	3.98	cps
Vanadium	51-2	48686	47997	46767	47816	2.03	cps
Ytterbium	172-1	3292	2984	3125	3134	4.93	cps
Ytterbium	172-2	2322	2278	2328	2310	1.19	cps
Ytterbium	176-1	2550	2759	2709	2673	4.07	cps
Ytterbium	176-2	7302	7997	8036	7778	5.31	cps
Yttrium	89-1	14394708	15033625	14951275	14793203	2.35	cps
Yttrium	89-2	2013650	1996920	2029658	2013409	0.81	cps
Zinc	66-2	1966729	1947119	1967819	1960556	0.59	cps
Zirconium	90-1	32380	34744	35429	34184	4.68	cps
Zirconium	91-1	7160	7819	7677	7552	4.59	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5028-08 Instrumnet Name : P8
 Client Sample ID : MH1JE6 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 14:55:10 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416162	418017	421342	418507	0.63	cps
Antimony	121-1	34996	33826	35430	34751	2.39	cps
Arsenic	75-2	2440	2343	2342	2375	2.37	cps
Barium	135-1	332848	338658	349156	340221	2.43	cps
Barium	137-1	579077	573083	595233	582465	1.97	cps
Beryllium	9-1	1404	1458	1390	1417	2.53	cps
Bismuth	209-1	3250054	3346115	3477240	3357803	3.40	cps
Bismuth	209-2	2917128	2918784	2980362	2938758	1.23	cps
Boron	10-1	46137	47583	47910	47210	2.00	cps
Boron	11-1	217426	216842	222241	218836	1.35	cps
Bromine	81-1	23655	23534	22942	23377	1.63	cps
Cadmium	111-1	8446	8044	9106	8532	6.28	cps
Cadmium	106-1	4251	3984	4776	4337	9.29	cps
Cadmium	108-1	538	583	525	549	5.60	cps
Calcium	43-1	1879192	1903940	1935635	1906256	1.48	cps
Calcium	44-1	31372978	30512765	31778518	31221420	2.07	cps
Carbon	12-1	27113275	27189127	28099320	27467241	2.00	cps
Carbon	12-2	270581	274054	269665	271433	0.85	cps
Chlorine	35-1	33897541	37796773	41172692	37622335	9.68	cps
Chlorine	35-2	305950	311910	324266	314042	2.97	cps
Chromium	52-2	74188	74315	73203	73902	0.82	cps
Cobalt	59-2	27664	26942	27644	27416	1.50	cps
Copper	63-2	360156	354457	354911	356508	0.89	cps
Dysprosium	156-1	13757	15034	15576	14789	6.31	cps
Dysprosium	156-2	9240	8896	8740	8959	2.86	cps
Erbium	164-1	10588	10596	10913	10699	1.73	cps
Erbium	164-2	6822	6745	6622	6730	1.50	cps
Gadolinium	160-1	12248	12765	12348	12453	2.20	cps
Gadolinium	160-2	8830	9330	9290	9150	3.04	cps
Holmium	165-1	6369062	6395398	6597873	6454111	1.94	cps
Holmium	165-2	4408619	4402579	4429529	4413575	0.32	cps
Indium	115-1	6626443	6749216	6926910	6767523	2.23	cps
Indium	115-2	1355736	1358620	1365714	1360023	0.38	cps
Iron	54-2	1538231	1574723	1540616	1551190	1.32	cps
Iron	56-2	28417149	27409540	27406981	27744557	2.10	cps
Iron	57-2	694720	689596	685784	690033	0.65	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-08	Instrumnet Name :	P8
Client Sample ID :	MH1JE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:55:10	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	1023	1153	1099	6.14	cps
Lead	206-1	513452	506381	514737	511523	0.88	cps
Lead	207-1	425749	430120	444709	433526	2.29	cps
Lead	208-1	1951409	1965127	2031595	1982710	2.16	cps
Lithium	6-1	4464340	4502380	4569352	4512024	1.18	cps
Magnesium	24-2	2759083	2804180	2719672	2760978	1.53	cps
Manganese	55-2	609570	605530	606914	607338	0.34	cps
Molybdenum	94-1	29849	30067	29699	29872	0.62	cps
Molybdenum	95-1	25975	25466	25407	25616	1.22	cps
Molybdenum	96-1	30517	29866	30793	30392	1.57	cps
Molybdenum	97-1	15467	15551	15943	15654	1.62	cps
Molybdenum	98-1	39724	40259	41312	40432	2.00	cps
Neodymium	150-1	25131	26413	26994	26179	3.64	cps
Neodymium	150-2	12099	11782	11849	11910	1.40	cps
Nickel	60-2	26709	27670	27326	27235	1.79	cps
Phosphorus	31-2	12697	13332	12080	12703	4.93	cps
Potassium	39-2	1509470	1501412	1523156	1511346	0.73	cps
Rhodium	103-1	6732699	6988031	6968074	6896268	2.06	cps
Rhodium	103-2	3982781	3953481	4002051	3979438	0.61	cps
Scandium	45-1	6517537	6523867	6627780	6556395	0.94	cps
Scandium	45-2	240785	237676	241508	239989	0.85	cps
Selenium	82-1	267	370	269	302	19.50	cps
Selenium	77-2	80	80	30	63	45.58	cps
Selenium	78-2	105	97	112	105	7.17	cps
Silicon	28-1	7579089	7793909	7759217	7710738	1.50	cps
Silver	107-1	7260	7444	7511	7405	1.75	cps
Silver	109-1	6827	7469	7069	7121	4.55	cps
Sodium	23-2	5954762	5980189	5891759	5942237	0.77	cps
Strontium	86-1	411768	415219	428586	418524	2.12	cps
Strontium	88-1	3489847	3499017	3562044	3516969	1.12	cps
Sulfur	34-1	789783	803717	807054	800185	1.14	cps
Terbium	159-1	6497334	6818116	6960274	6758575	3.51	cps
Terbium	159-2	4378305	4394710	4227134	4333383	2.13	cps
Thallium	203-1	883	800	775	819	6.92	cps
Thallium	205-1	1717	2259	1934	1970	13.84	cps
Tin	118-1	84386	83155	89126	85555	3.68	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-08	Instrumnet Name :	P8
Client Sample ID :	MH1JE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:55:10	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	266271	272540	282213	273674	2.93	cps
Uranium	238-1	17087	16545	16478	16703	2.00	cps
Vanadium	51-2	50144	51904	50231	50760	1.95	cps
Ytterbium	172-1	3167	2817	2892	2959	6.23	cps
Ytterbium	172-2	2334	2072	2389	2265	7.47	cps
Ytterbium	176-1	2667	2792	2567	2675	4.21	cps
Ytterbium	176-2	7358	7380	7708	7482	2.62	cps
Yttrium	89-1	14093316	13901199	14701017	14231844	2.93	cps
Yttrium	89-2	1926850	1945991	2005979	1959606	2.11	cps
Zinc	66-2	557589	551050	555344	554661	0.60	cps
Zirconium	90-1	40970	41607	42265	41614	1.56	cps
Zirconium	91-1	8995	8444	9453	8964	5.64	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09	Instrumnet Name :	P8
Client Sample ID :	MH1JE7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:58:07	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265857	263052	262439	263783	0.69	cps
Antimony	121-1	100133	98354	103130	100539	2.40	cps
Arsenic	75-2	1640	1614	1695	1650	2.51	cps
Barium	135-1	141614	138394	131338	137115	3.83	cps
Barium	137-1	233900	236587	234514	235001	0.60	cps
Beryllium	9-1	758	788	802	783	2.87	cps
Bismuth	209-1	3520492	3537770	3508140	3522134	0.42	cps
Bismuth	209-2	2731249	2870017	2896115	2832461	3.13	cps
Boron	10-1	46741	48023	49188	47984	2.55	cps
Boron	11-1	212547	218232	224750	218509	2.79	cps
Bromine	81-1	34458	35240	36154	35284	2.40	cps
Cadmium	111-1	13583	12847	12593	13008	3.95	cps
Cadmium	106-1	4959	4901	4693	4851	2.89	cps
Cadmium	108-1	829	958	946	911	7.82	cps
Calcium	43-1	4378584	4193499	4343276	4305120	2.28	cps
Calcium	44-1	70908282	67088812	68412500	68803198	2.82	cps
Carbon	12-1	14012458	14172297	14260806	14148520	0.89	cps
Carbon	12-2	133395	133410	131653	132819	0.76	cps
Chlorine	35-1	37670709	41554204	43895177	41040030	7.66	cps
Chlorine	35-2	326853	332873	339834	333186	1.95	cps
Chromium	52-2	95452	97023	96460	96312	0.83	cps
Cobalt	59-2	40464	41016	40751	40744	0.68	cps
Copper	63-2	3304590	3218303	3173214	3232036	2.07	cps
Dysprosium	156-1	7152	7002	6927	7027	1.63	cps
Dysprosium	156-2	4197	4254	4071	4174	2.25	cps
Erbium	164-1	5985	5926	5460	5790	4.97	cps
Erbium	164-2	3614	3437	3504	3518	2.54	cps
Gadolinium	160-1	6602	6218	6543	6455	3.20	cps
Gadolinium	160-2	4574	4447	4404	4475	1.97	cps
Holmium	165-1	6644539	6557935	6550230	6584235	0.80	cps
Holmium	165-2	4232012	4369958	4275106	4292359	1.64	cps
Indium	115-1	6812764	6945453	6906334	6888183	0.99	cps
Indium	115-2	1271572	1329606	1295680	1298953	2.24	cps
Iron	54-2	1188957	1174619	1166748	1176775	0.96	cps
Iron	56-2	21471323	21309989	21572807	21451373	0.62	cps
Iron	57-2	541954	535172	531216	536114	1.01	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09	Instrumnet Name :	P8
Client Sample ID :	MH1JE7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:58:07	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1230	1233	1130	1198	4.90	cps
Lead	206-1	881462	895988	857363	878271	2.22	cps
Lead	207-1	732217	743935	733021	736391	0.89	cps
Lead	208-1	3570011	3593651	3448493	3537385	2.20	cps
Lithium	6-1	4713438	4552043	4700970	4655484	1.93	cps
Magnesium	24-2	1615137	1567636	1536285	1573019	2.52	cps
Manganese	55-2	315034	312490	309922	312482	0.82	cps
Molybdenum	94-1	22110	20257	21559	21309	4.46	cps
Molybdenum	95-1	22569	22819	23304	22897	1.63	cps
Molybdenum	96-1	26050	27052	27344	26816	2.53	cps
Molybdenum	97-1	14408	14074	14958	14480	3.08	cps
Molybdenum	98-1	36791	36490	35321	36201	2.15	cps
Neodymium	150-1	11739	12079	12159	11992	1.86	cps
Neodymium	150-2	5401	5184	5098	5228	2.99	cps
Nickel	60-2	89295	86927	87205	87809	1.47	cps
Phosphorus	31-2	5276	5259	5535	5357	2.88	cps
Potassium	39-2	519139	518581	510739	516153	0.91	cps
Rhodium	103-1	6858345	6794366	6634865	6762526	1.70	cps
Rhodium	103-2	3890909	3908044	3810851	3869934	1.34	cps
Scandium	45-1	6492261	6437918	6569634	6499938	1.02	cps
Scandium	45-2	226978	235197	230628	230934	1.78	cps
Selenium	82-1	3281	3267	3417	3322	2.48	cps
Selenium	77-2	127	140	127	131	5.87	cps
Selenium	78-2	421	446	447	438	3.36	cps
Silicon	28-1	8230607	8167405	8544876	8314296	2.43	cps
Silver	107-1	10121	10763	10037	10307	3.85	cps
Silver	109-1	10129	9604	10121	9951	3.02	cps
Sodium	23-2	24710579	24201395	23788046	24233340	1.91	cps
Strontium	86-1	1726375	1679838	1703987	1703400	1.37	cps
Strontium	88-1	14282823	14143423	14251088	14225778	0.51	cps
Sulfur	34-1	5624040	5633533	5646052	5634541	0.20	cps
Terbium	159-1	7075524	7137646	7019658	7077609	0.83	cps
Terbium	159-2	4185107	4448361	4263576	4299015	3.14	cps
Thallium	203-1	467	525	425	472	10.64	cps
Thallium	205-1	1108	1075	1183	1122	4.94	cps
Tin	118-1	2979530	3023646	3042330	3015169	1.07	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09	Instrumnet Name :	P8
Client Sample ID :	MH1JE7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 14:58:07	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	210916	217143	221674	216578	2.49	cps
Uranium	238-1	16077	15010	15159	15415	3.75	cps
Vanadium	51-2	38592	37736	37452	37927	1.56	cps
Ytterbium	172-1	1759	1825	1642	1742	5.33	cps
Ytterbium	172-2	1300	1333	1228	1287	4.19	cps
Ytterbium	176-1	1950	1917	1642	1836	9.22	cps
Ytterbium	176-2	6663	7208	7185	7019	4.39	cps
Yttrium	89-1	14947871	14825571	14962541	14911994	0.50	cps
Yttrium	89-2	1875182	1903133	1876051	1884788	0.84	cps
Zinc	66-2	1031658	1041867	1021997	1031841	0.96	cps
Zirconium	90-1	22477	23766	23470	23238	2.91	cps
Zirconium	91-1	5185	5576	4943	5235	6.11	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-10	Instrumnet Name :	P8
Client Sample ID :	MH1JE7D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:01:01	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242875	239392	240140	240802	0.76	cps
Antimony	121-1	106204	104574	106867	105882	1.11	cps
Arsenic	75-2	1999	1954	1931	1962	1.76	cps
Barium	135-1	142045	143738	142341	142708	0.63	cps
Barium	137-1	244020	245495	246226	245247	0.46	cps
Beryllium	9-1	760	710	680	717	5.64	cps
Bismuth	209-1	3652770	3642490	3572481	3622581	1.21	cps
Bismuth	209-2	2918074	2942674	2888507	2916418	0.93	cps
Boron	10-1	41659	45188	44683	43843	4.35	cps
Boron	11-1	196820	198984	209509	201771	3.36	cps
Bromine	81-1	37429	36716	36977	37041	0.97	cps
Cadmium	111-1	37932	39113	38652	38566	1.54	cps
Cadmium	106-1	7002	6977	7302	7094	2.55	cps
Cadmium	108-1	2621	2346	2525	2497	5.59	cps
Calcium	43-1	3593982	3730953	3679933	3668289	1.89	cps
Calcium	44-1	59343508	60669826	60817464	60276933	1.35	cps
Carbon	12-1	14135415	14423963	14467489	14342289	1.26	cps
Carbon	12-2	136557	134842	138812	136737	1.46	cps
Chlorine	35-1	36896270	40893256	44108246	40632590	8.89	cps
Chlorine	35-2	321958	325909	331904	326590	1.53	cps
Chromium	52-2	98788	97473	99550	98604	1.07	cps
Cobalt	59-2	49750	48295	48860	48968	1.50	cps
Copper	63-2	9990936	9776765	9931043	9899581	1.12	cps
Dysprosium	156-1	5885	6460	6085	6143	4.75	cps
Dysprosium	156-2	3684	3901	3557	3714	4.68	cps
Erbium	164-1	4909	5293	5151	5118	3.79	cps
Erbium	164-2	3254	2937	3034	3075	5.28	cps
Gadolinium	160-1	5001	5601	5843	5482	7.91	cps
Gadolinium	160-2	4087	4137	3994	4073	1.79	cps
Holmium	165-1	6732175	6943585	6612687	6762816	2.48	cps
Holmium	165-2	4218731	4301687	4246641	4255686	0.99	cps
Indium	115-1	6818820	7078406	6707686	6868304	2.77	cps
Indium	115-2	1278417	1270912	1239685	1263005	1.63	cps
Iron	54-2	2090131	2061559	2064919	2072203	0.75	cps
Iron	56-2	37610530	37024016	37184915	37273154	0.81	cps
Iron	57-2	915825	915181	917350	916119	0.12	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-10	Instrumnet Name :	P8
Client Sample ID :	MH1JE7D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:01:01	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1200	1133	1143	1159	3.10	cps
Lead	206-1	792464	809364	808537	803455	1.19	cps
Lead	207-1	658126	699327	671680	676378	3.10	cps
Lead	208-1	3187313	3249019	3264820	3233718	1.27	cps
Lithium	6-1	4784793	4885100	4692206	4787366	2.02	cps
Magnesium	24-2	1533771	1517606	1472170	1507849	2.12	cps
Manganese	55-2	364381	365965	360481	363609	0.78	cps
Molybdenum	94-1	22602	22961	23379	22981	1.69	cps
Molybdenum	95-1	26225	27127	28630	27328	4.45	cps
Molybdenum	96-1	30476	31010	31228	30905	1.25	cps
Molybdenum	97-1	17061	17094	15893	16683	4.10	cps
Molybdenum	98-1	41538	44155	43017	42903	3.06	cps
Neodymium	150-1	10257	10584	10704	10515	2.20	cps
Neodymium	150-2	4561	4467	4664	4564	2.16	cps
Nickel	60-2	85740	84516	85699	85318	0.81	cps
Phosphorus	31-2	6160	6168	6318	6215	1.43	cps
Potassium	39-2	511091	505660	508465	508406	0.53	cps
Rhodium	103-1	6934544	7009220	6761829	6901865	1.84	cps
Rhodium	103-2	3883312	3865985	3825588	3858295	0.77	cps
Scandium	45-1	6848069	6933737	6839578	6873794	0.76	cps
Scandium	45-2	230333	233026	229880	231079	0.74	cps
Selenium	82-1	3092	3173	3156	3140	1.36	cps
Selenium	77-2	157	117	170	148	18.78	cps
Selenium	78-2	437	445	472	451	4.06	cps
Silicon	28-1	7252897	7435012	7372499	7353469	1.26	cps
Silver	107-1	19798	20082	20432	20104	1.58	cps
Silver	109-1	18963	19531	19172	19222	1.49	cps
Sodium	23-2	22933247	22992114	22379367	22768243	1.48	cps
Strontium	86-1	1483304	1509573	1500147	1497674	0.89	cps
Strontium	88-1	12382040	12330172	12740171	12484128	1.79	cps
Sulfur	34-1	4936127	5024570	5054364	5005020	1.23	cps
Terbium	159-1	6895215	7105171	6859349	6953245	1.91	cps
Terbium	159-2	4223539	4259251	4154796	4212529	1.26	cps
Thallium	203-1	367	467	525	453	17.69	cps
Thallium	205-1	1017	875	967	953	7.54	cps
Tin	118-1	8747467	9001303	8933121	8893964	1.48	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-10	Instrumnet Name :	P8
Client Sample ID :	MH1JE7D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:01:01	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	202034	203211	201134	202126	0.52	cps
Uranium	238-1	14417	14517	15243	14726	3.06	cps
Vanadium	51-2	44499	44195	42851	43848	2.00	cps
Ytterbium	172-1	1300	1475	1517	1431	8.04	cps
Ytterbium	172-2	1083	1367	1117	1189	13.03	cps
Ytterbium	176-1	1792	1542	1942	1759	11.49	cps
Ytterbium	176-2	6635	6907	6646	6730	2.29	cps
Yttrium	89-1	14792266	14625164	14705359	14707596	0.57	cps
Yttrium	89-2	1890646	1889221	1833640	1871169	1.74	cps
Zinc	66-2	1025752	1025964	1032449	1028055	0.37	cps
Zirconium	90-1	20140	20624	20024	20263	1.57	cps
Zirconium	91-1	4393	4484	4809	4562	4.80	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE7L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:03:57	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52628	52423	51942	52331	0.67	cps
Antimony	121-1	18914	19564	19639	19372	2.06	cps
Arsenic	75-2	341	317	341	333	4.16	cps
Barium	135-1	27888	26827	27863	27526	2.20	cps
Barium	137-1	44089	43512	46339	44647	3.35	cps
Beryllium	9-1	210	202	200	204	2.59	cps
Bismuth	209-1	3208697	3305795	3445050	3319848	3.58	cps
Bismuth	209-2	2648533	2858545	2728095	2745058	3.86	cps
Boron	10-1	18744	19081	18448	18758	1.69	cps
Boron	11-1	86874	87719	86773	87122	0.60	cps
Bromine	81-1	22882	21790	22622	22431	2.54	cps
Cadmium	111-1	5147	5051	4892	5030	2.57	cps
Cadmium	106-1	3967	3884	3801	3884	2.15	cps
Cadmium	108-1	204	204	200	203	1.19	cps
Calcium	43-1	825113	820380	834170	826554	0.85	cps
Calcium	44-1	13724422	13431645	14048197	13734754	2.25	cps
Carbon	12-1	7050947	7024430	6956980	7010786	0.69	cps
Carbon	12-2	63713	66468	64049	64743	2.32	cps
Chlorine	35-1	17298492	17643409	17855913	17599271	1.60	cps
Chlorine	35-2	118818	113577	111200	114532	3.40	cps
Chromium	52-2	19971	21012	20521	20501	2.54	cps
Cobalt	59-2	8593	8429	8272	8431	1.90	cps
Copper	63-2	729834	729555	736980	732123	0.57	cps
Dysprosium	156-1	1317	1450	1192	1320	9.79	cps
Dysprosium	156-2	860	810	837	836	2.99	cps
Erbium	164-1	800	1167	1208	1058	21.23	cps
Erbium	164-2	723	687	673	694	3.73	cps
Gadolinium	160-1	1142	1300	1208	1217	6.53	cps
Gadolinium	160-2	897	967	857	907	6.14	cps
Holmium	165-1	6137719	6355316	6245739	6246258	1.74	cps
Holmium	165-2	4035160	4204452	4103172	4114261	2.07	cps
Indium	115-1	6783423	6582872	6786724	6717673	1.74	cps
Indium	115-2	1258193	1296346	1291812	1282117	1.63	cps
Iron	54-2	252021	246878	248475	249124	1.06	cps
Iron	56-2	4628925	4665730	4517480	4604045	1.68	cps
Iron	57-2	113935	112685	115453	114024	1.22	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE7L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:03:57	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1070	1083	1040	6.14	cps
Lead	206-1	165608	169491	173247	169449	2.25	cps
Lead	207-1	142300	138727	143457	141495	1.74	cps
Lead	208-1	653404	655981	659203	656196	0.44	cps
Lithium	6-1	4403440	4517842	4432622	4451301	1.34	cps
Magnesium	24-2	324986	313412	306868	315089	2.91	cps
Manganese	55-2	64595	63618	63661	63958	0.86	cps
Molybdenum	94-1	4626	4443	4776	4615	3.62	cps
Molybdenum	95-1	4067	4968	4984	4673	11.23	cps
Molybdenum	96-1	5043	5443	5059	5182	4.37	cps
Molybdenum	97-1	2684	2842	2850	2792	3.37	cps
Molybdenum	98-1	7361	7636	6985	7327	4.46	cps
Neodymium	150-1	2154	2314	2367	2278	4.87	cps
Neodymium	150-2	1030	1023	960	1004	3.85	cps
Nickel	60-2	17704	17715	18072	17830	1.17	cps
Phosphorus	31-2	1292	1375	1267	1311	4.33	cps
Potassium	39-2	123584	121534	121745	122288	0.92	cps
Rhodium	103-1	6763472	6483767	6599555	6615598	2.12	cps
Rhodium	103-2	3783494	3783931	3891154	3819526	1.62	cps
Scandium	45-1	6524695	6335816	6317150	6392554	1.80	cps
Scandium	45-2	222857	227963	229011	226610	1.45	cps
Selenium	82-1	808	691	719	739	8.27	cps
Selenium	77-2	23	33	10	22	52.68	cps
Selenium	78-2	140	146	127	138	7.06	cps
Silicon	28-1	2219170	2240530	2226890	2228863	0.49	cps
Silver	107-1	2350	2584	2525	2486	4.88	cps
Silver	109-1	2092	2325	2100	2172	6.09	cps
Sodium	23-2	4954117	4870466	4740263	4854949	2.22	cps
Strontium	86-1	334011	326293	334933	331746	1.43	cps
Strontium	88-1	2693252	2791844	2858487	2781195	2.99	cps
Sulfur	34-1	1469496	1509710	1510402	1496536	1.56	cps
Terbium	159-1	6858696	6813673	6804843	6825737	0.42	cps
Terbium	159-2	3975066	4041783	4212316	4076388	3.00	cps
Thallium	203-1	183	167	175	175	4.76	cps
Thallium	205-1	392	517	425	444	14.56	cps
Tin	118-1	665177	670663	663482	666441	0.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09LX5	Instrumnet Name :	P8
Client Sample ID :	MH1JE7L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:03:57	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	41201	43742	40809	41918	3.80	cps
Uranium	238-1	3067	3059	2592	2906	9.36	cps
Vanadium	51-2	7849	7819	7752	7807	0.63	cps
Ytterbium	172-1	317	433	450	400	18.16	cps
Ytterbium	172-2	300	206	267	257	18.61	cps
Ytterbium	176-1	883	908	833	875	4.36	cps
Ytterbium	176-2	5496	5957	5868	5774	4.24	cps
Yttrium	89-1	13867976	14436615	14308197	14204263	2.10	cps
Yttrium	89-2	1783149	1884541	1796930	1821540	3.02	cps
Zinc	66-2	213886	211348	210885	212040	0.76	cps
Zirconium	90-1	4468	5068	4943	4826	6.56	cps
Zirconium	91-1	992	1092	942	1008	7.57	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-11	Instrumnet Name :	P8
Client Sample ID :	MH1JE7S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:06:54	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281340	280764	280834	280979	0.11	cps
Antimony	121-1	177589	174446	187990	180008	3.94	cps
Arsenic	75-2	3523	3504	3531	3519	0.39	cps
Barium	135-1	225016	243227	242775	237006	4.38	cps
Barium	137-1	391293	422964	412936	409064	3.96	cps
Beryllium	9-1	18536	18772	18800	18703	0.78	cps
Bismuth	209-1	3672843	3972383	3748950	3798059	4.10	cps
Bismuth	209-2	3112645	2997255	2920183	3010027	3.22	cps
Boron	10-1	34698	38703	40163	37855	7.47	cps
Boron	11-1	165048	176142	185869	175687	5.93	cps
Bromine	81-1	32732	32531	35100	33454	4.27	cps
Cadmium	111-1	24394	27142	25956	25831	5.34	cps
Cadmium	106-1	6602	6727	5893	6407	7.02	cps
Cadmium	108-1	1813	1642	1746	1733	4.97	cps
Calcium	43-1	3851010	4007715	4133540	3997422	3.54	cps
Calcium	44-1	62513927	65479864	67648600	65214130	3.95	cps
Carbon	12-1	14352683	15340022	15007752	14900152	3.37	cps
Carbon	12-2	141166	142505	146123	143265	1.79	cps
Chlorine	35-1	32292130	39289333	44855712	38812392	16.22	cps
Chlorine	35-2	323168	339610	352353	338377	4.32	cps
Chromium	52-2	160881	159243	158416	159514	0.79	cps
Cobalt	59-2	382061	378770	380356	380395	0.43	cps
Copper	63-2	12064051	12325657	11926123	12105277	1.68	cps
Dysprosium	156-1	8169	8720	8795	8561	3.99	cps
Dysprosium	156-2	5438	5224	5304	5322	2.03	cps
Erbium	164-1	6860	7686	6844	7130	6.75	cps
Erbium	164-2	4311	4334	3924	4190	5.50	cps
Gadolinium	160-1	7769	8036	7969	7925	1.75	cps
Gadolinium	160-2	5651	5538	5755	5648	1.92	cps
Holmium	165-1	6761025	7228631	6923562	6971073	3.41	cps
Holmium	165-2	4541947	4382389	4198079	4374138	3.93	cps
Indium	115-1	6383140	6498788	6459225	6447051	0.91	cps
Indium	115-2	1160464	1137952	1105170	1134529	2.45	cps
Iron	54-2	1577150	1571716	1638973	1595946	2.34	cps
Iron	56-2	29396129	28940112	29209786	29182009	0.79	cps
Iron	57-2	714835	711372	711830	712679	0.26	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-11	Instrumnet Name :	P8
Client Sample ID :	MH1JE7S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:06:54	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1073	1127	1115	3.28	cps
Lead	206-1	1838292	1940200	1971996	1916830	3.64	cps
Lead	207-1	1403806	1501601	1442386	1449264	3.40	cps
Lead	208-1	7002651	7369597	7176103	7182784	2.56	cps
Lithium	6-1	4401175	4786921	4970623	4719573	6.16	cps
Magnesium	24-2	1382947	1372902	1381239	1379029	0.39	cps
Manganese	55-2	698518	698102	710158	702260	0.97	cps
Molybdenum	94-1	19881	19790	20099	19923	0.80	cps
Molybdenum	95-1	21559	22294	22594	22149	2.40	cps
Molybdenum	96-1	25666	25424	25750	25613	0.66	cps
Molybdenum	97-1	13115	13916	13874	13635	3.31	cps
Molybdenum	98-1	33324	35948	34870	34714	3.80	cps
Neodymium	150-1	14481	15209	15583	15091	3.71	cps
Neodymium	150-2	6959	6745	6665	6790	2.23	cps
Nickel	60-2	154240	156043	157257	155847	0.97	cps
Phosphorus	31-2	6143	6318	6018	6160	2.45	cps
Potassium	39-2	515988	511180	510057	512408	0.61	cps
Rhodium	103-1	6795188	7132608	6943530	6957109	2.43	cps
Rhodium	103-2	4103288	3971894	3705501	3926894	5.16	cps
Scandium	45-1	6613731	7052709	6963308	6876583	3.37	cps
Scandium	45-2	235278	235880	226471	232543	2.26	cps
Selenium	82-1	4232	4542	4470	4415	3.68	cps
Selenium	77-2	140	193	177	170	16.05	cps
Selenium	78-2	544	585	587	572	4.24	cps
Silicon	28-1	8337307	8766136	8785090	8629511	2.93	cps
Silver	107-1	100089	102038	102391	101506	1.22	cps
Silver	109-1	96758	99436	100241	98812	1.85	cps
Sodium	23-2	21064146	21132154	20780524	20992275	0.89	cps
Strontium	86-1	1542783	1604873	1607110	1584922	2.30	cps
Strontium	88-1	12666247	13143464	13178914	12996209	2.20	cps
Sulfur	34-1	4925452	5100883	5319248	5115194	3.86	cps
Terbium	159-1	6936593	7164700	7588854	7230049	4.58	cps
Terbium	159-2	4416390	4333924	4115288	4288534	3.63	cps
Thallium	203-1	25000	27705	27263	26656	5.44	cps
Thallium	205-1	59044	60820	61741	60535	2.26	cps
Tin	118-1	31723048	31612358	33348803	32228069	3.02	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-11	Instrumnet Name :	P8
Client Sample ID :	MH1JE7S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:06:54	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	215240	218390	225860	219830	2.48	cps
Uranium	238-1	15643	16061	15568	15758	1.68	cps
Vanadium	51-2	201925	200103	198580	200203	0.84	cps
Ytterbium	172-1	1950	1859	2017	1942	4.09	cps
Ytterbium	172-2	1500	1550	1622	1558	3.95	cps
Ytterbium	176-1	2059	2042	2300	2134	6.78	cps
Ytterbium	176-2	6807	7219	7074	7034	2.97	cps
Yttrium	89-1	14733089	15147620	15266779	15049162	1.86	cps
Yttrium	89-2	1979182	1966072	1832336	1925863	4.22	cps
Zinc	66-2	1125196	1110721	1109707	1115208	0.78	cps
Zirconium	90-1	19439	20198	21551	20396	5.24	cps
Zirconium	91-1	4693	4393	4443	4509	3.56	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5028-12 Instrumnet Name : P8
 Client Sample ID : MH1JE8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 15:09:51 DataFile Name : 070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302983	300654	300897	301511	0.42	cps
Antimony	121-1	16661	17069	17687	17139	3.01	cps
Arsenic	75-2	1616	1618	1625	1620	0.29	cps
Barium	135-1	440960	446237	442477	443224	0.61	cps
Barium	137-1	777440	776278	758210	770643	1.40	cps
Beryllium	9-1	762	848	926	845	9.70	cps
Bismuth	209-1	3641356	3595544	3585732	3607544	0.82	cps
Bismuth	209-2	3019982	3065909	2999640	3028510	1.12	cps
Boron	10-1	22222	22481	22785	22496	1.25	cps
Boron	11-1	103344	105453	106955	105251	1.72	cps
Bromine	81-1	25921	26522	26974	26472	2.00	cps
Cadmium	111-1	6154	6274	6095	6174	1.48	cps
Cadmium	106-1	4401	4468	4017	4295	5.66	cps
Cadmium	108-1	325	375	371	357	7.77	cps
Calcium	43-1	1133945	1111009	1122356	1122437	1.02	cps
Calcium	44-1	18507398	18751834	18159594	18472942	1.61	cps
Carbon	12-1	23666073	24142596	24479282	24095984	1.70	cps
Carbon	12-2	233859	238311	240063	237411	1.35	cps
Chlorine	35-1	36867563	41502357	43993817	40787912	8.87	cps
Chlorine	35-2	328144	333612	342281	334679	2.13	cps
Chromium	52-2	127637	124490	125573	125900	1.27	cps
Cobalt	59-2	55639	55749	55003	55463	0.73	cps
Copper	63-2	430203	431520	423433	428385	1.01	cps
Dysprosium	156-1	13766	14467	14800	14344	3.68	cps
Dysprosium	156-2	7452	7489	7786	7576	2.41	cps
Erbium	164-1	7177	6977	7019	7058	1.50	cps
Erbium	164-2	4614	4447	4611	4557	2.09	cps
Gadolinium	160-1	8261	8836	8328	8475	3.71	cps
Gadolinium	160-2	6172	6018	6215	6135	1.69	cps
Holmium	165-1	6663731	6619470	6458235	6580479	1.64	cps
Holmium	165-2	4455186	4395504	4366836	4405842	1.02	cps
Indium	115-1	6982741	6787152	7100748	6956880	2.28	cps
Indium	115-2	1350421	1356182	1366492	1357698	0.60	cps
Iron	54-2	1457845	1424335	1394180	1425454	2.23	cps
Iron	56-2	25913310	25969137	25831315	25904587	0.27	cps
Iron	57-2	634312	630219	638255	634262	0.63	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-12	Instrumnet Name :	P8
Client Sample ID :	MH1JE8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:09:51	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1303	1100	1160	10.75	cps
Lead	206-1	1261364	1279595	1288617	1276526	1.09	cps
Lead	207-1	1050476	1046587	1023205	1040089	1.42	cps
Lead	208-1	5069311	5100148	4932211	5033890	1.78	cps
Lithium	6-1	4725134	4753357	4795737	4758076	0.75	cps
Magnesium	24-2	1160679	1131545	1122179	1138134	1.76	cps
Manganese	55-2	555170	551055	542108	549444	1.22	cps
Molybdenum	94-1	9178	9053	8903	9045	1.52	cps
Molybdenum	95-1	5176	5268	4884	5109	3.92	cps
Molybdenum	96-1	6952	6710	7044	6902	2.50	cps
Molybdenum	97-1	3442	2859	3125	3142	9.30	cps
Molybdenum	98-1	7636	8278	7819	7911	4.18	cps
Neodymium	150-1	19962	19081	20262	19768	3.11	cps
Neodymium	150-2	9060	8850	8843	8918	1.38	cps
Nickel	60-2	28335	26912	27487	27578	2.60	cps
Phosphorus	31-2	13140	13724	13348	13404	2.21	cps
Potassium	39-2	919013	919035	910589	916212	0.53	cps
Rhodium	103-1	7157083	6883540	6697543	6912722	3.34	cps
Rhodium	103-2	4196192	4086677	3926247	4069706	3.34	cps
Scandium	45-1	6726781	6869570	6704452	6766934	1.32	cps
Scandium	45-2	238474	244314	241574	241454	1.21	cps
Selenium	82-1	173	-60	162	92	143.37	cps
Selenium	77-2	37	47	57	47	21.43	cps
Selenium	78-2	95	102	91	96	5.80	cps
Silicon	28-1	8620730	9357797	8604593	8861040	4.86	cps
Silver	107-1	5418	5276	5143	5279	2.61	cps
Silver	109-1	5109	5184	5051	5115	1.31	cps
Sodium	23-2	5516914	5394581	5409250	5440248	1.23	cps
Strontium	86-1	328933	318723	325337	324331	1.60	cps
Strontium	88-1	2700188	2768162	2795526	2754625	1.78	cps
Sulfur	34-1	647849	652274	647725	649283	0.40	cps
Terbium	159-1	7014781	7191536	7020873	7075730	1.42	cps
Terbium	159-2	4411097	4359527	4322355	4364326	1.02	cps
Thallium	203-1	667	533	475	558	17.60	cps
Thallium	205-1	1250	1333	1342	1308	3.87	cps
Tin	118-1	126317	119904	123757	123326	2.62	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-12	Instrumnet Name :	P8
Client Sample ID :	MH1JE8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:09:51	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	130997	129443	130048	130163	0.60	cps
Uranium	238-1	9237	9037	8928	9067	1.73	cps
Vanadium	51-2	38592	38050	37275	37972	1.74	cps
Ytterbium	172-1	2159	2267	2225	2217	2.47	cps
Ytterbium	172-2	1456	1478	1706	1546	8.95	cps
Ytterbium	176-1	2009	2092	2042	2047	2.05	cps
Ytterbium	176-2	6896	7413	6824	7045	4.56	cps
Yttrium	89-1	15016734	15460573	15394045	15290451	1.57	cps
Yttrium	89-2	1985417	1964259	1947282	1965653	0.97	cps
Zinc	66-2	506412	490367	499641	498806	1.61	cps
Zirconium	90-1	17270	17445	19140	17951	5.75	cps
Zirconium	91-1	5971	3642	4234	4616	26.23	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-13	Instrumnet Name :	P8
Client Sample ID :	MH1JE9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:12:48	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247356	246742	246242	246780	0.23	cps
Antimony	121-1	38413	38614	39215	38748	1.08	cps
Arsenic	75-2	1235	1302	1271	1270	2.64	cps
Barium	135-1	470148	459608	475825	468527	1.76	cps
Barium	137-1	815718	795155	795534	802136	1.47	cps
Beryllium	9-1	726	734	708	723	1.84	cps
Bismuth	209-1	3661487	3262191	3558761	3494146	5.93	cps
Bismuth	209-2	2813759	2877330	2955703	2882264	2.47	cps
Boron	10-1	22831	24245	24249	23775	3.44	cps
Boron	11-1	107895	110638	115250	111261	3.34	cps
Bromine	81-1	23073	22913	23113	23033	0.46	cps
Cadmium	111-1	5564	5467	5505	5512	0.88	cps
Cadmium	106-1	4167	4134	4117	4140	0.62	cps
Cadmium	108-1	350	300	367	339	10.24	cps
Calcium	43-1	1302820	1258016	1282681	1281172	1.75	cps
Calcium	44-1	20455292	21579089	21230650	21088344	2.73	cps
Carbon	12-1	25063364	26084484	25661087	25602978	2.00	cps
Carbon	12-2	256228	252438	246100	251589	2.03	cps
Chlorine	35-1	36379662	40411013	42753179	39847952	8.09	cps
Chlorine	35-2	321557	334838	337947	331447	2.63	cps
Chromium	52-2	74549	74285	74881	74572	0.40	cps
Cobalt	59-2	37195	37519	36904	37206	0.83	cps
Copper	63-2	294111	301992	298963	298355	1.33	cps
Dysprosium	156-1	11030	11389	11397	11272	1.86	cps
Dysprosium	156-2	5961	5975	5858	5931	1.08	cps
Erbium	164-1	5776	6018	6135	5976	3.06	cps
Erbium	164-2	3664	3734	3801	3733	1.83	cps
Gadolinium	160-1	7052	7035	6944	7010	0.83	cps
Gadolinium	160-2	4844	4824	5068	4912	2.75	cps
Holmium	165-1	6593749	6290507	6491517	6458591	2.39	cps
Holmium	165-2	4166087	4463369	4282864	4304106	3.48	cps
Indium	115-1	7037236	6613296	7022855	6891129	3.49	cps
Indium	115-2	1282294	1320321	1358659	1320425	2.89	cps
Iron	54-2	1187512	1193937	1186265	1189238	0.35	cps
Iron	56-2	21684687	21957723	21684252	21775554	0.72	cps
Iron	57-2	537280	531462	534006	534249	0.55	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-13	Instrumnet Name :	P8
Client Sample ID :	MH1JE9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:12:48	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1110	1217	1151	4.98	cps
Lead	206-1	917087	939277	931297	929220	1.21	cps
Lead	207-1	782656	775287	777437	778460	0.49	cps
Lead	208-1	3803418	3685791	3699747	3729652	1.72	cps
Lithium	6-1	4532001	4456629	4580954	4523195	1.38	cps
Magnesium	24-2	1155306	1133140	1143914	1144120	0.97	cps
Manganese	55-2	371537	372457	371441	371812	0.15	cps
Molybdenum	94-1	13933	13232	14417	13861	4.30	cps
Molybdenum	95-1	4401	4693	4234	4443	5.22	cps
Molybdenum	96-1	7655	7694	6844	7398	6.49	cps
Molybdenum	97-1	2884	2675	2759	2773	3.78	cps
Molybdenum	98-1	7419	6910	7427	7252	4.08	cps
Neodymium	150-1	21324	20770	22206	21433	3.38	cps
Neodymium	150-2	9667	10000	10161	9943	2.53	cps
Nickel	60-2	25536	25550	25349	25478	0.44	cps
Phosphorus	31-2	12856	13582	13457	13298	2.92	cps
Potassium	39-2	893256	902244	897319	897606	0.50	cps
Rhodium	103-1	6765236	6575490	6811482	6717403	1.86	cps
Rhodium	103-2	3837665	4026433	3950208	3938102	2.41	cps
Scandium	45-1	6601605	6597184	6735384	6644724	1.18	cps
Scandium	45-2	227845	237045	242210	235700	3.09	cps
Selenium	82-1	174	97	44	105	62.17	cps
Selenium	77-2	33	27	43	34	24.35	cps
Selenium	78-2	99	88	82	90	9.61	cps
Silicon	28-1	8759755	9016815	8952715	8909762	1.50	cps
Silver	107-1	6027	6068	5868	5988	1.76	cps
Silver	109-1	5468	5818	5868	5718	3.81	cps
Sodium	23-2	11034351	11039867	11074590	11049603	0.20	cps
Strontium	86-1	300198	292718	293013	295310	1.43	cps
Strontium	88-1	2550220	2584733	2583188	2572714	0.76	cps
Sulfur	34-1	650302	640628	641047	643992	0.85	cps
Terbium	159-1	7055397	6711370	7060347	6942372	2.88	cps
Terbium	159-2	4050123	4240473	4297810	4196135	3.09	cps
Thallium	203-1	458	408	458	442	6.54	cps
Thallium	205-1	1225	1058	808	1031	20.35	cps
Tin	118-1	134431	134591	135596	134872	0.47	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-13	Instrumnet Name :	P8
Client Sample ID :	MH1JE9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:12:48	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	126180	127507	129780	127822	1.42	cps
Uranium	238-1	8153	7953	7919	8008	1.58	cps
Vanadium	51-2	27720	28004	28448	28058	1.31	cps
Ytterbium	172-1	1433	1692	1483	1536	8.92	cps
Ytterbium	172-2	1183	1206	1183	1191	1.08	cps
Ytterbium	176-1	1725	2009	1975	1903	8.14	cps
Ytterbium	176-2	6463	6996	7130	6863	5.14	cps
Yttrium	89-1	14861129	14436977	14543389	14613832	1.51	cps
Yttrium	89-2	1843442	1965829	1922309	1910527	3.25	cps
Zinc	66-2	429289	424604	430153	428016	0.70	cps
Zirconium	90-1	33008	32098	34760	33289	4.06	cps
Zirconium	91-1	7302	7261	8145	7569	6.59	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:18:36	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2321508	2285882	2265897	2291096	1.23	cps
Antimony	121-1	2071405	2096239	2107103	2091583	0.87	cps
Arsenic	75-2	84143	82641	81539	82774	1.58	cps
Barium	135-1	2667764	2614869	2699102	2660578	1.60	cps
Barium	137-1	4526591	4304913	4459189	4430231	2.57	cps
Beryllium	9-1	856773	850820	857149	854914	0.42	cps
Bismuth	209-1	3343497	3312518	3404925	3353647	1.40	cps
Bismuth	209-2	2693817	2653035	2694902	2680585	0.89	cps
Boron	10-1	78704	82512	86185	82467	4.54	cps
Boron	11-1	369319	385606	402090	385672	4.25	cps
Bromine	81-1	17609	17579	18561	17917	3.12	cps
Cadmium	111-1	530010	534795	543793	536199	1.31	cps
Cadmium	106-1	60794	62627	64502	62641	2.96	cps
Cadmium	108-1	42077	42135	42336	42183	0.32	cps
Calcium	43-1	4793909	4815054	4859105	4822689	0.69	cps
Calcium	44-1	76204220	77924082	78900063	77676121	1.76	cps
Carbon	12-1	6610411	6975860	7079377	6888549	3.58	cps
Carbon	12-2	68904	70511	70754	70056	1.44	cps
Chlorine	35-1	5964965	5710747	5439585	5705099	4.61	cps
Chlorine	35-2	34141	32913	31585	32880	3.89	cps
Chromium	52-2	897305	886828	882017	888717	0.88	cps
Cobalt	59-2	1686701	1674236	1677203	1679380	0.39	cps
Copper	63-2	12367862	12078941	12219596	12222133	1.18	cps
Dysprosium	156-1	325	383	492	400	21.14	cps
Dysprosium	156-2	233	197	230	220	9.22	cps
Erbium	164-1	150	175	100	142	26.96	cps
Erbium	164-2	97	77	53	76	28.71	cps
Gadolinium	160-1	358	417	308	361	15.02	cps
Gadolinium	160-2	327	310	340	326	4.62	cps
Holmium	165-1	6531599	6474279	6640126	6548668	1.29	cps
Holmium	165-2	4210769	4173013	4194330	4192704	0.45	cps
Indium	115-1	6547464	6814594	6746976	6703011	2.07	cps
Indium	115-2	1260010	1268396	1248929	1259112	0.78	cps
Iron	54-2	9478351	9376014	9061528	9305297	2.33	cps
Iron	56-2	174395459	168333459	164689009	169139309	2.90	cps
Iron	57-2	4194224	4100920	4257602	4184249	1.88	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:18:36	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1210	1140	1120	9.06	cps
Lead	206-1	5608542	5571164	5650272	5609993	0.71	cps
Lead	207-1	4852283	4840593	4905078	4865985	0.71	cps
Lead	208-1	22412584	22134789	22350420	22299264	0.65	cps
Lithium	6-1	4589406	4365764	4324500	4426557	3.22	cps
Magnesium	24-2	33422041	32607522	32381108	32803557	1.67	cps
Manganese	55-2	4658059	4560201	4434838	4551033	2.46	cps
Molybdenum	94-1	9597729	9826760	9843933	9756141	1.41	cps
Molybdenum	95-1	13786102	14042276	13917355	13915244	0.92	cps
Molybdenum	96-1	15290054	15385150	15208259	15294488	0.58	cps
Molybdenum	97-1	8347509	8578375	8632779	8519554	1.78	cps
Molybdenum	98-1	21909766	22108496	22006565	22008276	0.45	cps
Neodymium	150-1	167	193	153	171	11.90	cps
Neodymium	150-2	77	37	43	52	41.04	cps
Nickel	60-2	431667	433526	428149	431114	0.63	cps
Phosphorus	31-2	25122	24079	23444	24215	3.50	cps
Potassium	39-2	13160880	13205991	13007949	13124940	0.79	cps
Rhodium	103-1	6548722	6665656	6491760	6568713	1.35	cps
Rhodium	103-2	3639673	3745775	3631464	3672304	1.74	cps
Scandium	45-1	6498731	6568806	6832167	6633235	2.65	cps
Scandium	45-2	226187	223104	217333	222208	2.02	cps
Selenium	82-1	47233	47448	48476	47719	1.39	cps
Selenium	77-2	1770	1653	1763	1729	3.79	cps
Selenium	78-2	5810	5541	5696	5682	2.38	cps
Silicon	28-1	3406457	3618480	3649946	3558294	3.72	cps
Silver	107-1	2667104	2666132	2733761	2688999	1.44	cps
Silver	109-1	2629692	2545802	2573634	2583043	1.65	cps
Sodium	23-2	64606233	64420556	63119749	64048846	1.26	cps
Strontium	86-1	9095974	8987877	8758221	8947357	1.93	cps
Strontium	88-1	76241127	75650920	74338458	75410168	1.29	cps
Sulfur	34-1	813057	810800	795242	806367	1.20	cps
Terbium	159-1	7074926	7232842	6881181	7062983	2.49	cps
Terbium	159-2	4297354	4169596	4186020	4217656	1.65	cps
Thallium	203-1	1345669	1376485	1336680	1352945	1.54	cps
Thallium	205-1	3250384	3247146	3229481	3242337	0.35	cps
Tin	118-1	1803212	1851583	1791186	1815327	1.76	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:18:36	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5161144	5284826	5349168	5265046	1.81	cps
Uranium	238-1	4121058	3993738	4168686	4094494	2.21	cps
Vanadium	51-2	745741	736737	731981	738153	0.95	cps
Ytterbium	172-1	33	25	25	28	17.31	cps
Ytterbium	172-2	39	17	44	33	44.09	cps
Ytterbium	176-1	7461	7160	6660	7094	5.70	cps
Ytterbium	176-2	9337	9837	10110	9761	4.02	cps
Yttrium	89-1	14418754	14289612	14318772	14342379	0.47	cps
Yttrium	89-2	1868284	1844847	1791615	1834916	2.14	cps
Zinc	66-2	1254077	1241137	1238453	1244556	0.67	cps
Zirconium	90-1	4693504	4689703	4711416	4698207	0.25	cps
Zirconium	91-1	1058070	1053742	1041067	1050960	0.84	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCB061 Instrumnet Name : P8
 Client Sample ID : CCB061 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 15:24:49 DataFile Name : 073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389	389	340	372	7.56	cps
Antimony	121-1	500	392	575	489	18.85	cps
Arsenic	75-2	7	4	11	7	47.89	cps
Barium	135-1	325	142	142	203	52.20	cps
Barium	137-1	467	458	267	397	28.48	cps
Beryllium	9-1	182	124	122	143	23.89	cps
Bismuth	209-1	3442705	3507671	2990267	3313548	8.51	cps
Bismuth	209-2	2824425	2771460	2766336	2787407	1.15	cps
Boron	10-1	6730	6530	6610	6624	1.52	cps
Boron	11-1	30578	29934	29658	30057	1.57	cps
Bromine	81-1	17800	17830	18111	17913	0.96	cps
Cadmium	111-1	2214	2089	1877	2060	8.26	cps
Cadmium	106-1	3134	2917	2617	2889	8.98	cps
Cadmium	108-1	25	33	13	24	44.41	cps
Calcium	43-1	1239	1165	949	1117	13.49	cps
Calcium	44-1	46003	41458	39142	42201	8.27	cps
Carbon	12-1	4901123	5107123	5006697	5004981	2.06	cps
Carbon	12-2	43607	45613	45212	44811	2.37	cps
Chlorine	35-1	3023433	2991609	2901820	2972287	2.12	cps
Chlorine	35-2	16752	17010	16677	16813	1.04	cps
Chromium	52-2	923	800	813	846	8.01	cps
Cobalt	59-2	93	63	80	79	19.05	cps
Copper	63-2	1393	1333	1320	1349	2.90	cps
Dysprosium	156-1	33	17	0	17	100.00	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	33	75	25	44	60.28	cps
Erbium	164-2	27	30	23	27	12.51	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	50	100	90	80	33.07	cps
Holmium	165-1	6553106	6559436	5555762	6222768	9.28	cps
Holmium	165-2	4098037	4159603	4159585	4139075	0.86	cps
Indium	115-1	6664130	6940301	5672737	6425723	10.37	cps
Indium	115-2	1266672	1286777	1286860	1280103	0.91	cps
Iron	54-2	1461	1333	1211	1335	9.36	cps
Iron	56-2	18913	17928	17278	18040	4.56	cps
Iron	57-2	578	561	622	587	5.38	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:24:49	DataFile Name :	073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1087	1357	1210	11.28	cps
Lead	206-1	939	889	761	863	10.62	cps
Lead	207-1	861	767	517	715	24.90	cps
Lead	208-1	3689	3078	2756	3174	14.94	cps
Lithium	6-1	4373548	4543759	3886660	4267989	7.99	cps
Magnesium	24-2	2984	3309	3325	3206	6.01	cps
Manganese	55-2	170	203	240	204	17.13	cps
Molybdenum	94-1	908	708	767	794	12.95	cps
Molybdenum	95-1	950	917	733	867	13.46	cps
Molybdenum	96-1	1342	1133	825	1100	23.63	cps
Molybdenum	97-1	817	567	567	650	22.21	cps
Molybdenum	98-1	1917	1367	1425	1570	19.25	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	90	93	103	96	7.26	cps
Phosphorus	31-2	333	275	192	267	26.70	cps
Potassium	39-2	21541	21483	21659	21561	0.41	cps
Rhodium	103-1	6631031	6739374	5846309	6405571	7.61	cps
Rhodium	103-2	3710630	3773797	3863832	3782753	2.04	cps
Scandium	45-1	6046308	6385274	5488835	5973472	7.58	cps
Scandium	45-2	212821	217078	216638	215512	1.09	cps
Selenium	82-1	-80	74	-147	-51	-222.36	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	51	64	52	56	12.99	cps
Silicon	28-1	771935	776246	785465	777882	0.89	cps
Silver	107-1	217	350	342	303	24.67	cps
Silver	109-1	267	300	125	231	40.30	cps
Sodium	23-2	26675	26182	26299	26385	0.98	cps
Strontium	86-1	2367	2017	2084	2156	8.62	cps
Strontium	88-1	5210	4518	3184	4304	23.92	cps
Sulfur	34-1	432166	426196	427063	428475	0.75	cps
Terbium	159-1	6710826	7033058	5955554	6566479	8.42	cps
Terbium	159-2	3990377	4128847	4069393	4062872	1.71	cps
Thallium	203-1	267	383	375	342	19.05	cps
Thallium	205-1	775	667	583	675	14.24	cps
Tin	118-1	1300	1042	1877	1406	30.41	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:24:49	DataFile Name :	073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	575	608	533	572	6.57	cps
Uranium	238-1	308	167	133	203	45.83	cps
Vanadium	51-2	20	40	20	27	43.30	cps
Ytterbium	172-1	17	17	33	22	43.28	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	533	483	683	567	18.37	cps
Ytterbium	176-2	5840	5913	6285	6013	3.97	cps
Yttrium	89-1	14468983	14516580	11637563	13541042	12.18	cps
Yttrium	89-2	1719325	1791656	1784709	1765230	2.26	cps
Zinc	66-2	160	207	240	202	19.87	cps
Zirconium	90-1	1000	942	900	947	5.30	cps
Zirconium	91-1	233	217	208	219	5.80	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01	Instrumnet Name :	P8
Client Sample ID :	A0BA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:30:38	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551755	552513	551255	551841	0.11	cps
Antimony	121-1	1250	1117	1417	1261	11.92	cps
Arsenic	75-2	548	596	584	576	4.34	cps
Barium	135-1	96519	97453	96948	96973	0.48	cps
Barium	137-1	168417	165051	168575	167348	1.19	cps
Beryllium	9-1	1810	1972	2024	1935	5.77	cps
Bismuth	209-1	3626424	3726942	3581687	3645018	2.04	cps
Bismuth	209-2	2896352	2867357	2969698	2911135	1.81	cps
Boron	10-1	4390	4590	4646	4542	2.96	cps
Boron	11-1	21666	21047	21213	21309	1.50	cps
Bromine	81-1	18421	18942	18592	18652	1.42	cps
Cadmium	111-1	2982	2807	3019	2936	3.85	cps
Cadmium	106-1	3792	3576	3817	3728	3.57	cps
Cadmium	108-1	63	42	58	54	20.35	cps
Calcium	43-1	256728	260239	260811	259259	0.85	cps
Calcium	44-1	4301326	4152434	4365125	4272962	2.55	cps
Carbon	12-1	5456938	5459760	5453285	5456661	0.06	cps
Carbon	12-2	50061	51449	51014	50841	1.40	cps
Chlorine	35-1	18704956	25468092	30627061	24933370	23.98	cps
Chlorine	35-2	254434	276139	300184	276919	8.26	cps
Chromium	52-2	25603	24898	24975	25159	1.54	cps
Cobalt	59-2	19811	19877	19964	19884	0.39	cps
Copper	63-2	30038	30145	30653	30279	1.08	cps
Dysprosium	156-1	27813	27554	28949	28105	2.64	cps
Dysprosium	156-2	16384	16013	16857	16418	2.58	cps
Erbium	164-1	21635	22586	22119	22113	2.15	cps
Erbium	164-2	12930	13414	13133	13159	1.85	cps
Gadolinium	160-1	24757	24774	25174	24902	0.95	cps
Gadolinium	160-2	17435	17134	16984	17185	1.33	cps
Holmium	165-1	6799534	6648374	6693575	6713828	1.16	cps
Holmium	165-2	4320546	4123805	4204397	4216249	2.35	cps
Indium	115-1	7119348	7240983	7059169	7139833	1.30	cps
Indium	115-2	1307510	1297378	1324217	1309702	1.03	cps
Iron	54-2	1489561	1517823	1526241	1511208	1.27	cps
Iron	56-2	26904666	26817408	27066739	26929604	0.47	cps
Iron	57-2	668356	657390	664538	663428	0.84	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01	Instrumnet Name :	P8
Client Sample ID :	A0BA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:30:38	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1260	1110	1180	1183	6.34	cps
Lead	206-1	112603	113977	111163	112581	1.25	cps
Lead	207-1	88523	88887	87876	88429	0.58	cps
Lead	208-1	425527	427259	425612	426133	0.23	cps
Lithium	6-1	4586901	4638881	4822937	4682907	2.65	cps
Magnesium	24-2	429300	430904	435569	431924	0.75	cps
Manganese	55-2	349528	348789	347457	348591	0.30	cps
Molybdenum	94-1	4484	4459	4092	4345	5.05	cps
Molybdenum	95-1	2584	2534	2634	2584	1.94	cps
Molybdenum	96-1	3601	3892	4034	3842	5.75	cps
Molybdenum	97-1	1625	1700	1550	1625	4.62	cps
Molybdenum	98-1	4109	4593	3784	4162	9.78	cps
Neodymium	150-1	53165	52992	52074	52744	1.11	cps
Neodymium	150-2	24252	23931	23204	23796	2.26	cps
Nickel	60-2	6985	6815	6642	6814	2.52	cps
Phosphorus	31-2	1650	1483	1642	1592	5.90	cps
Potassium	39-2	177197	178768	176583	177516	0.63	cps
Rhodium	103-1	6947330	7151401	6939901	7012877	1.71	cps
Rhodium	103-2	3955529	3887110	3950856	3931165	0.97	cps
Scandium	45-1	6724170	6721518	6755903	6733864	0.28	cps
Scandium	45-2	227182	224731	227203	226372	0.63	cps
Selenium	82-1	-43	127	66	50	171.61	cps
Selenium	77-2	127	93	90	103	19.62	cps
Selenium	78-2	123	96	140	120	18.54	cps
Silicon	28-1	17413758	17683920	17266355	17454678	1.21	cps
Silver	107-1	783	958	967	903	11.47	cps
Silver	109-1	917	842	775	844	8.39	cps
Sodium	23-2	60844	60501	61831	61059	1.13	cps
Strontium	86-1	46520	45659	45801	45993	1.00	cps
Strontium	88-1	372446	364118	380965	372510	2.26	cps
Sulfur	34-1	437314	430032	433760	433702	0.84	cps
Terbium	159-1	7145788	7273078	7154273	7191046	0.99	cps
Terbium	159-2	4369929	4222279	4174395	4255534	2.40	cps
Thallium	203-1	517	408	458	461	11.76	cps
Thallium	205-1	1033	1042	1183	1086	7.76	cps
Tin	118-1	10154	10054	10246	10151	0.95	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01	Instrumnet Name :	P8
Client Sample ID :	A0BA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:30:38	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	565449	559215	571711	565458	1.10	cps
Uranium	238-1	20434	21561	20985	20993	2.68	cps
Vanadium	51-2	31054	30696	30823	30858	0.59	cps
Ytterbium	172-1	6102	6468	6310	6293	2.92	cps
Ytterbium	172-2	4579	4601	4751	4643	2.02	cps
Ytterbium	176-1	4476	4584	4551	4537	1.22	cps
Ytterbium	176-2	8486	9415	9376	9092	5.78	cps
Yttrium	89-1	14931539	14748566	15145399	14941835	1.33	cps
Yttrium	89-2	1935486	1871831	1905920	1904412	1.67	cps
Zinc	66-2	26782	27213	27300	27098	1.02	cps
Zirconium	90-1	8044	7852	8002	7966	1.27	cps
Zirconium	91-1	1650	1809	1775	1745	4.79	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-02	Instrumnet Name :	P8
Client Sample ID :	A0BA4D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:33:38	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	679676	670166	673430	674424	0.72	cps
Antimony	121-1	1492	1283	1350	1375	7.74	cps
Arsenic	75-2	657	672	642	657	2.28	cps
Barium	135-1	108838	110972	110418	110076	1.01	cps
Barium	137-1	191616	188507	187348	189157	1.17	cps
Beryllium	9-1	2122	2208	2364	2231	5.50	cps
Bismuth	209-1	3461429	3417434	3443799	3440887	0.64	cps
Bismuth	209-2	2834478	2832250	2940013	2868914	2.15	cps
Boron	10-1	4120	4038	3950	4036	2.11	cps
Boron	11-1	17859	17671	17549	17693	0.88	cps
Bromine	81-1	17970	18842	18822	18545	2.68	cps
Cadmium	111-1	3071	2924	2844	2946	3.92	cps
Cadmium	106-1	3826	3701	3501	3676	4.46	cps
Cadmium	108-1	33	71	33	46	47.24	cps
Calcium	43-1	310097	306859	308107	308354	0.53	cps
Calcium	44-1	4967082	5061369	4980662	5003038	1.02	cps
Carbon	12-1	5578285	5586224	5541599	5568703	0.43	cps
Carbon	12-2	49978	52595	50211	50928	2.84	cps
Chlorine	35-1	32358524	36599337	40189247	36382369	10.77	cps
Chlorine	35-2	306607	309711	315750	310689	1.50	cps
Chromium	52-2	33011	32801	32694	32835	0.49	cps
Cobalt	59-2	26972	27286	26762	27007	0.98	cps
Copper	63-2	39204	39411	39237	39284	0.28	cps
Dysprosium	156-1	28097	29082	30277	29152	3.74	cps
Dysprosium	156-2	18002	18012	17862	17959	0.47	cps
Erbium	164-1	24005	22887	23062	23318	2.58	cps
Erbium	164-2	14972	15099	15039	15036	0.42	cps
Gadolinium	160-1	26369	25016	25609	25664	2.64	cps
Gadolinium	160-2	18780	17982	18680	18481	2.35	cps
Holmium	165-1	6096497	6679087	6605759	6460448	4.91	cps
Holmium	165-2	4272834	4246475	4367335	4295548	1.48	cps
Indium	115-1	6731512	6789289	7058583	6859795	2.54	cps
Indium	115-2	1323660	1330606	1358969	1337745	1.40	cps
Iron	54-2	1876725	1878014	1901014	1885251	0.72	cps
Iron	56-2	34061006	33772118	32726642	33519922	2.09	cps
Iron	57-2	826382	816256	818807	820482	0.64	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-02	Instrumnet Name :	P8
Client Sample ID :	A0BA4D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:33:38	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1243	1230	1228	1.37	cps
Lead	206-1	135219	135596	141351	137389	2.50	cps
Lead	207-1	110996	112341	111663	111667	0.60	cps
Lead	208-1	518356	519241	524033	520543	0.59	cps
Lithium	6-1	4547766	4576520	4689410	4604565	1.63	cps
Magnesium	24-2	558779	538593	547368	548247	1.85	cps
Manganese	55-2	423305	427679	418333	423106	1.11	cps
Molybdenum	94-1	5443	5301	5134	5293	2.92	cps
Molybdenum	95-1	3534	3400	3142	3359	5.93	cps
Molybdenum	96-1	4918	5126	4951	4998	2.24	cps
Molybdenum	97-1	2250	2184	2125	2186	2.86	cps
Molybdenum	98-1	5485	5460	5460	5468	0.26	cps
Neodymium	150-1	52804	50509	52791	52035	2.54	cps
Neodymium	150-2	23347	23060	23791	23399	1.57	cps
Nickel	60-2	9123	9430	9020	9191	2.32	cps
Phosphorus	31-2	1892	1683	1900	1825	6.73	cps
Potassium	39-2	185457	188647	190520	188208	1.36	cps
Rhodium	103-1	6709558	6846056	6958729	6838114	1.82	cps
Rhodium	103-2	3934736	3924006	4033731	3964158	1.53	cps
Scandium	45-1	6459448	6488275	6603584	6517102	1.17	cps
Scandium	45-2	232175	231212	232665	232017	0.32	cps
Selenium	82-1	17	13	-13	6	272.09	cps
Selenium	77-2	83	100	123	102	19.66	cps
Selenium	78-2	123	117	138	126	8.58	cps
Silicon	28-1	17096244	17080615	16878768	17018542	0.71	cps
Silver	107-1	808	750	792	783	3.84	cps
Silver	109-1	650	550	733	644	14.24	cps
Sodium	23-2	68243	66887	67222	67451	1.05	cps
Strontium	86-1	58674	59427	60206	59436	1.29	cps
Strontium	88-1	495028	491403	505301	497244	1.45	cps
Sulfur	34-1	426034	433914	426953	428967	1.00	cps
Terbium	159-1	6797082	6871987	7300258	6989776	3.88	cps
Terbium	159-2	4299635	4252116	4458836	4336862	2.50	cps
Thallium	203-1	500	467	442	469	6.23	cps
Thallium	205-1	1017	958	1175	1050	10.68	cps
Tin	118-1	5576	5660	5743	5660	1.47	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-02	Instrumnet Name :	P8
Client Sample ID :	A0BA4D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:33:38	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	698102	678391	689357	688617	1.43	cps
Uranium	238-1	19891	20692	20985	20523	2.76	cps
Vanadium	51-2	40397	40210	39625	40077	1.01	cps
Ytterbium	172-1	6777	7452	7377	7202	5.14	cps
Ytterbium	172-2	5529	5251	5357	5379	2.61	cps
Ytterbium	176-1	5185	5009	4751	4982	4.38	cps
Ytterbium	176-2	9092	9515	9504	9370	2.57	cps
Yttrium	89-1	14842873	14326979	15587166	14919006	4.25	cps
Yttrium	89-2	1929264	1890262	1956666	1925397	1.73	cps
Zinc	66-2	33369	33627	32741	33246	1.37	cps
Zirconium	90-1	10463	9695	9587	9915	4.81	cps
Zirconium	91-1	2017	1892	2292	2067	9.90	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01LX5	Instrumnet Name :	P8
Client Sample ID :	A0BA4L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:36:37	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99415	98344	99067	98942	0.55	cps
Antimony	121-1	267	300	267	278	6.93	cps
Arsenic	75-2	121	94	114	110	12.78	cps
Barium	135-1	17712	16569	17328	17203	3.38	cps
Barium	137-1	29591	28631	29625	29282	1.93	cps
Beryllium	9-1	358	374	410	381	7.00	cps
Bismuth	209-1	3339275	3500381	3356259	3398638	2.60	cps
Bismuth	209-2	3004666	2834084	2859886	2899545	3.17	cps
Boron	10-1	3616	3624	3388	3542	3.78	cps
Boron	11-1	16258	16026	15337	15873	3.02	cps
Bromine	81-1	17830	17158	17559	17516	1.93	cps
Cadmium	111-1	2546	2407	2397	2450	3.41	cps
Cadmium	106-1	3592	3342	3351	3428	4.14	cps
Cadmium	108-1	50	29	33	38	29.40	cps
Calcium	43-1	46102	46093	46418	46204	0.40	cps
Calcium	44-1	773699	778999	775996	776231	0.34	cps
Carbon	12-1	5133364	5211649	5133592	5159535	0.87	cps
Carbon	12-2	46842	46182	45162	46062	1.84	cps
Chlorine	35-1	16686029	16234635	15997400	16306022	2.15	cps
Chlorine	35-2	105004	101497	101429	102643	1.99	cps
Chromium	52-2	5361	5148	5078	5195	2.84	cps
Cobalt	59-2	3474	3681	3694	3616	3.41	cps
Copper	63-2	6225	6468	5905	6199	4.56	cps
Dysprosium	156-1	4793	5184	4901	4959	4.08	cps
Dysprosium	156-2	2887	3114	2997	2999	3.78	cps
Erbium	164-1	3951	3892	3867	3903	1.10	cps
Erbium	164-2	2310	2387	2370	2356	1.71	cps
Gadolinium	160-1	4426	4242	4618	4429	4.24	cps
Gadolinium	160-2	3150	3197	3257	3202	1.67	cps
Holmium	165-1	6162970	6545762	6437434	6382055	3.09	cps
Holmium	165-2	4318016	4181750	4199613	4233126	1.75	cps
Indium	115-1	6671175	6842745	6836566	6783495	1.43	cps
Indium	115-2	1343989	1293333	1288343	1308555	2.35	cps
Iron	54-2	264431	258853	260851	261378	1.08	cps
Iron	56-2	4858108	4766570	4910008	4844895	1.50	cps
Iron	57-2	121266	115553	117481	118100	2.46	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01LX5	Instrumnet Name :	P8
Client Sample ID :	A0BA4L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:36:37	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1133	1007	1072	5.92	cps
Lead	206-1	19031	19604	19882	19506	2.23	cps
Lead	207-1	15137	15949	16616	15901	4.66	cps
Lead	208-1	74208	76753	75363	75441	1.69	cps
Lithium	6-1	4298615	4377377	4535047	4403679	2.73	cps
Magnesium	24-2	79819	76652	77348	77940	2.14	cps
Manganese	55-2	62429	62539	62024	62331	0.44	cps
Molybdenum	94-1	900	1108	942	983	11.21	cps
Molybdenum	95-1	458	575	667	567	18.43	cps
Molybdenum	96-1	908	725	850	828	11.32	cps
Molybdenum	97-1	333	350	325	336	3.79	cps
Molybdenum	98-1	992	883	800	892	10.78	cps
Neodymium	150-1	9250	9450	9130	9277	1.74	cps
Neodymium	150-2	4214	4184	4131	4176	1.01	cps
Nickel	60-2	1263	1313	1410	1329	5.61	cps
Phosphorus	31-2	475	458	450	461	2.76	cps
Potassium	39-2	48423	47537	48541	48167	1.14	cps
Rhodium	103-1	6678271	6784354	7032703	6831776	2.66	cps
Rhodium	103-2	3895967	3907169	3749223	3850786	2.29	cps
Scandium	45-1	6342160	6497341	6336279	6391927	1.43	cps
Scandium	45-2	227226	220656	220596	222826	1.71	cps
Selenium	82-1	21	-10	169	60	159.85	cps
Selenium	77-2	17	7	20	14	48.02	cps
Selenium	78-2	70	54	74	66	16.03	cps
Silicon	28-1	3729824	3722324	3728775	3726974	0.11	cps
Silver	107-1	258	258	225	247	7.78	cps
Silver	109-1	300	175	167	214	34.92	cps
Sodium	23-2	28128	27969	27652	27916	0.87	cps
Strontium	86-1	9403	9587	9645	9545	1.32	cps
Strontium	88-1	65212	67782	65229	66074	2.24	cps
Sulfur	34-1	416531	415962	408466	413653	1.09	cps
Terbium	159-1	6864789	6715613	7030810	6870404	2.29	cps
Terbium	159-2	4212863	4150106	4147552	4170174	0.89	cps
Thallium	203-1	150	125	217	164	28.91	cps
Thallium	205-1	392	450	350	397	12.65	cps
Tin	118-1	2359	2475	2475	2436	2.77	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01LX5	Instrumnet Name :	P8
Client Sample ID :	A0BA4L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 15:36:37	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	97810	99747	101208	99588	1.71	cps
Uranium	238-1	3759	3584	3826	3723	3.35	cps
Vanadium	51-2	5715	5758	5404	5626	3.43	cps
Ytterbium	172-1	1067	983	1000	1017	4.34	cps
Ytterbium	172-2	728	861	678	756	12.54	cps
Ytterbium	176-1	1358	1167	1450	1325	10.91	cps
Ytterbium	176-2	5863	6429	6635	6309	6.34	cps
Yttrium	89-1	14194120	13931363	14309546	14145010	1.37	cps
Yttrium	89-2	1898199	1826614	1803811	1842875	2.67	cps
Zinc	66-2	5164	4971	4878	5004	2.92	cps
Zirconium	90-1	2175	1975	2125	2092	4.98	cps
Zirconium	91-1	325	517	492	444	23.44	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-03	Instrumnet Name :	P8
Client Sample ID :	A0BA4S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:39:41	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658623	653181	643879	651895	1.14	cps
Antimony	121-1	61498	60635	60309	60814	1.01	cps
Arsenic	75-2	1994	2019	1988	2001	0.82	cps
Barium	135-1	528802	537666	543472	536647	1.38	cps
Barium	137-1	937066	954902	938387	943452	1.05	cps
Beryllium	9-1	20570	20532	20849	20650	0.84	cps
Bismuth	209-1	3530402	3593374	3317639	3480472	4.15	cps
Bismuth	209-2	2924776	2905853	2976439	2935689	1.24	cps
Boron	10-1	3176	3156	3296	3209	2.36	cps
Boron	11-1	14076	14474	14568	14373	1.82	cps
Bromine	81-1	18993	18371	18040	18468	2.62	cps
Cadmium	111-1	14027	13940	13905	13957	0.45	cps
Cadmium	106-1	4943	4976	4359	4759	7.29	cps
Cadmium	108-1	721	883	829	811	10.20	cps
Calcium	43-1	303153	305113	307872	305379	0.78	cps
Calcium	44-1	5082551	5198965	5228806	5170107	1.49	cps
Carbon	12-1	5470189	5557526	5577634	5535116	1.03	cps
Carbon	12-2	51550	51039	50328	50972	1.20	cps
Chlorine	35-1	28254085	34377412	38430246	33687248	15.21	cps
Chlorine	35-2	288163	297897	305855	297305	2.98	cps
Chromium	52-2	102769	103793	103047	103203	0.51	cps
Cobalt	59-2	371789	364797	366033	367539	1.02	cps
Copper	63-2	160591	160975	161750	161105	0.37	cps
Dysprosium	156-1	28356	27855	28114	28108	0.89	cps
Dysprosium	156-2	17869	17031	17168	17356	2.59	cps
Erbium	164-1	24657	24966	23171	24264	3.96	cps
Erbium	164-2	15035	14188	15145	14789	3.54	cps
Gadolinium	160-1	25525	26168	26185	25959	1.45	cps
Gadolinium	160-2	18219	18193	17936	18116	0.86	cps
Holmium	165-1	6628984	6479452	6190933	6433123	3.46	cps
Holmium	165-2	4340551	4271744	4286374	4299556	0.84	cps
Indium	115-1	7012828	6945094	6622192	6860038	3.04	cps
Indium	115-2	1337078	1326154	1325030	1329421	0.50	cps
Iron	54-2	1770544	1710860	1826499	1769301	3.27	cps
Iron	56-2	31506072	31810569	30986986	31434542	1.32	cps
Iron	57-2	775411	775501	773037	774650	0.18	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-03	Instrumnet Name :	P8
Client Sample ID :	A0BA4S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:39:41	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1090	1120	1087	3.23	cps
Lead	206-1	134796	140536	136587	137307	2.14	cps
Lead	207-1	113320	113961	117862	115048	2.14	cps
Lead	208-1	532547	539830	538017	536798	0.71	cps
Lithium	6-1	4517759	4638463	4462775	4539666	1.98	cps
Magnesium	24-2	557667	551415	556391	555158	0.60	cps
Manganese	55-2	484789	490505	481255	485517	0.96	cps
Molybdenum	94-1	4609	4609	4809	4676	2.47	cps
Molybdenum	95-1	2234	1975	1825	2011	10.27	cps
Molybdenum	96-1	3342	3692	3559	3531	5.00	cps
Molybdenum	97-1	1342	1325	1317	1328	0.96	cps
Molybdenum	98-1	3217	3234	3225	3225	0.26	cps
Neodymium	150-1	51212	50696	52128	51345	1.41	cps
Neodymium	150-2	23117	23020	23020	23052	0.24	cps
Nickel	60-2	98958	99113	99250	99107	0.15	cps
Phosphorus	31-2	2925	3059	3109	3031	3.13	cps
Potassium	39-2	212745	212777	208187	211236	1.25	cps
Rhodium	103-1	6970556	6820177	6365035	6718589	4.69	cps
Rhodium	103-2	4022740	3943960	3906119	3957606	1.50	cps
Scandium	45-1	6416291	6446999	6373331	6412207	0.58	cps
Scandium	45-2	231463	232445	230805	231571	0.36	cps
Selenium	82-1	1936	1981	1955	1957	1.16	cps
Selenium	77-2	143	197	163	168	16.06	cps
Selenium	78-2	348	347	328	341	3.30	cps
Silicon	28-1	15952357	16555311	16625603	16377757	2.26	cps
Silver	107-1	69535	74176	72886	72199	3.32	cps
Silver	109-1	70909	68204	67543	68885	2.59	cps
Sodium	23-2	64744	65079	64970	64931	0.26	cps
Strontium	86-1	57737	57419	57152	57436	0.51	cps
Strontium	88-1	468497	473733	469411	470547	0.59	cps
Sulfur	34-1	423351	418206	418993	420183	0.66	cps
Terbium	159-1	6905931	6877373	6937935	6907080	0.44	cps
Terbium	159-2	4264561	4340147	4184195	4262968	1.83	cps
Thallium	203-1	29067	28031	28557	28552	1.81	cps
Thallium	205-1	67972	67604	69463	68346	1.44	cps
Tin	118-1	4984	5793	5401	5393	7.50	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-03	Instrumnet Name :	P8
Client Sample ID :	A0BA4S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:39:41	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	650174	649745	667113	655678	1.51	cps
Uranium	238-1	22521	22780	22471	22590	0.73	cps
Vanadium	51-2	196987	193622	192552	194387	1.19	cps
Ytterbium	172-1	6927	6543	7361	6944	5.89	cps
Ytterbium	172-2	5279	5518	5107	5301	3.90	cps
Ytterbium	176-1	4818	5176	4884	4959	3.84	cps
Ytterbium	176-2	9220	9804	9948	9657	3.99	cps
Yttrium	89-1	15062210	14954384	14875701	14964098	0.63	cps
Yttrium	89-2	1938286	1930661	1939568	1936172	0.25	cps
Zinc	66-2	59591	58888	58557	59012	0.89	cps
Zirconium	90-1	10130	10146	9729	10001	2.36	cps
Zirconium	91-1	2342	2092	2500	2311	8.91	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-04	Instrumnet Name :	P8
Client Sample ID :	A0BA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:42:40	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	528222	525934	532594	528917	0.64	cps
Antimony	121-1	2167	2100	2125	2131	1.58	cps
Arsenic	75-2	510	508	510	509	0.23	cps
Barium	135-1	101079	99399	100019	100166	0.85	cps
Barium	137-1	164778	169449	170313	168180	1.77	cps
Beryllium	9-1	1856	1748	1848	1817	3.31	cps
Bismuth	209-1	3566677	3509059	3549497	3541744	0.84	cps
Bismuth	209-2	2884505	2841199	2673396	2799700	3.98	cps
Boron	10-1	2708	2738	2670	2705	1.26	cps
Boron	11-1	12755	12439	12463	12552	1.40	cps
Bromine	81-1	19043	18421	18862	18775	1.70	cps
Cadmium	111-1	3116	2972	2830	2972	4.81	cps
Cadmium	106-1	4176	3901	3776	3951	5.18	cps
Cadmium	108-1	58	83	67	69	18.33	cps
Calcium	43-1	43633	44355	44720	44236	1.25	cps
Calcium	44-1	748606	754267	757033	753302	0.57	cps
Carbon	12-1	5507143	5519946	5636713	5554601	1.29	cps
Carbon	12-2	52185	52453	51491	52043	0.95	cps
Chlorine	35-1	30765913	34809526	37705703	34427047	10.12	cps
Chlorine	35-2	283291	288312	296515	289373	2.31	cps
Chromium	52-2	10461	10824	10811	10699	1.93	cps
Cobalt	59-2	16900	16830	17127	16952	0.92	cps
Copper	63-2	22812	22495	22611	22639	0.71	cps
Dysprosium	156-1	53843	52428	55459	53910	2.81	cps
Dysprosium	156-2	31958	31541	32516	32005	1.53	cps
Erbium	164-1	49301	48958	49945	49401	1.01	cps
Erbium	164-2	31387	30893	30515	30932	1.41	cps
Gadolinium	160-1	46566	46549	46700	46605	0.18	cps
Gadolinium	160-2	33683	33532	32617	33277	1.73	cps
Holmium	165-1	6728485	6666824	6558152	6651154	1.30	cps
Holmium	165-2	4317073	4214907	3951225	4161068	4.54	cps
Indium	115-1	7343673	6944578	6931426	7073226	3.31	cps
Indium	115-2	1354462	1339847	1255870	1316726	4.04	cps
Iron	54-2	2636327	2621632	2592306	2616755	0.86	cps
Iron	56-2	46974612	45517183	47794832	46762209	2.47	cps
Iron	57-2	1143915	1142565	1164041	1150174	1.05	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-04	Instrumnet Name :	P8
Client Sample ID :	A0BA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:42:40	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1180	1203	1337	1240	6.82	cps
Lead	206-1	48909	48531	49099	48846	0.59	cps
Lead	207-1	38006	38290	39333	38543	1.81	cps
Lead	208-1	181763	182294	189195	184417	2.25	cps
Lithium	6-1	4736976	4703548	4724748	4721757	0.36	cps
Magnesium	24-2	411679	405681	415365	410908	1.19	cps
Manganese	55-2	1161025	1156688	1165544	1161086	0.38	cps
Molybdenum	94-1	2675	2642	2434	2584	5.07	cps
Molybdenum	95-1	1383	1675	1217	1425	16.28	cps
Molybdenum	96-1	2650	2625	2825	2700	4.04	cps
Molybdenum	97-1	808	808	817	811	0.59	cps
Molybdenum	98-1	2192	2092	2100	2128	2.61	cps
Neodymium	150-1	82937	83706	83728	83457	0.54	cps
Neodymium	150-2	38937	38589	38144	38557	1.03	cps
Nickel	60-2	2997	3044	2977	3006	1.14	cps
Phosphorus	31-2	1858	1583	1708	1717	8.02	cps
Potassium	39-2	233425	234237	238378	235347	1.13	cps
Rhodium	103-1	6964035	6917446	6805286	6895589	1.18	cps
Rhodium	103-2	4022547	3850687	3714585	3862607	4.00	cps
Scandium	45-1	6714262	6639092	6637731	6663695	0.66	cps
Scandium	45-2	238713	237219	227106	234346	2.69	cps
Selenium	82-1	182	149	-15	105	99.94	cps
Selenium	77-2	140	127	187	151	20.85	cps
Selenium	78-2	194	188	168	183	7.42	cps
Silicon	28-1	9175203	9070170	9205400	9150258	0.78	cps
Silver	107-1	1050	767	725	847	20.87	cps
Silver	109-1	967	742	583	764	25.22	cps
Sodium	23-2	58719	57230	58952	58300	1.60	cps
Strontium	86-1	22319	21375	21425	21706	2.44	cps
Strontium	88-1	163639	168496	168328	166821	1.65	cps
Sulfur	34-1	413784	406584	409189	409852	0.89	cps
Terbium	159-1	7298590	7009685	7222161	7176812	2.09	cps
Terbium	159-2	4365695	4186677	4037075	4196482	3.92	cps
Thallium	203-1	142	292	275	236	34.82	cps
Thallium	205-1	508	667	608	594	13.47	cps
Tin	118-1	5443	5610	5585	5546	1.62	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-04	Instrumnet Name :	P8
Client Sample ID :	A0BA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:42:40	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	109182	106556	107538	107759	1.23	cps
Uranium	238-1	12774	13341	12957	13024	2.22	cps
Vanadium	51-2	20488	20294	21126	20636	2.11	cps
Ytterbium	172-1	14709	14725	15218	14884	1.94	cps
Ytterbium	172-2	11077	10855	11210	11047	1.63	cps
Ytterbium	176-1	9612	9487	9771	9623	1.48	cps
Ytterbium	176-2	12328	12973	13407	12903	4.21	cps
Yttrium	89-1	15780929	16207251	15373240	15787140	2.64	cps
Yttrium	89-2	1979602	1967267	1905076	1950649	2.05	cps
Zinc	66-2	70903	70609	70441	70651	0.33	cps
Zirconium	90-1	5309	5218	4776	5101	5.59	cps
Zirconium	91-1	1167	1175	1175	1172	0.41	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-05	Instrumnet Name :	P8
Client Sample ID :	A0BA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:45:43	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	545266	544144	535451	541621	0.99	cps
Antimony	121-1	275	208	342	275	24.24	cps
Arsenic	75-2	629	621	652	634	2.54	cps
Barium	135-1	72864	72378	71046	72096	1.31	cps
Barium	137-1	121538	125120	124853	123837	1.61	cps
Beryllium	9-1	2238	2288	2282	2269	1.20	cps
Bismuth	209-1	3383446	3336793	3476771	3399003	2.10	cps
Bismuth	209-2	2858979	2915393	2816284	2863552	1.74	cps
Boron	10-1	2272	2522	2310	2368	5.69	cps
Boron	11-1	10986	10490	10690	10722	2.33	cps
Bromine	81-1	18070	20015	19333	19140	5.16	cps
Cadmium	111-1	3263	3044	2963	3090	5.03	cps
Cadmium	106-1	4192	3759	3734	3895	6.62	cps
Cadmium	108-1	96	83	108	96	13.05	cps
Calcium	43-1	54186	54499	53853	54179	0.60	cps
Calcium	44-1	908384	920784	914711	914626	0.68	cps
Carbon	12-1	5299418	5327765	5339633	5322272	0.39	cps
Carbon	12-2	48464	48012	49861	48779	1.98	cps
Chlorine	35-1	31537147	35633492	37730560	34967066	9.01	cps
Chlorine	35-2	282322	292570	294764	289885	2.29	cps
Chromium	52-2	14548	15472	14784	14935	3.21	cps
Cobalt	59-2	18178	17481	17271	17643	2.69	cps
Copper	63-2	52283	51152	50700	51378	1.59	cps
Dysprosium	156-1	55023	59969	56973	57322	4.35	cps
Dysprosium	156-2	34431	34448	34799	34559	0.60	cps
Erbium	164-1	43464	43322	43564	43450	0.28	cps
Erbium	164-2	27154	26704	26951	26936	0.84	cps
Gadolinium	160-1	48431	49058	50229	49240	1.85	cps
Gadolinium	160-2	36142	35454	35698	35765	0.98	cps
Holmium	165-1	6442553	6708914	6687462	6612976	2.24	cps
Holmium	165-2	4387432	4200702	4320731	4302955	2.20	cps
Indium	115-1	6815500	7000382	6970590	6928824	1.43	cps
Indium	115-2	1346580	1336837	1331490	1338302	0.57	cps
Iron	54-2	2574441	2591185	2547388	2571005	0.86	cps
Iron	56-2	46029620	45376673	45516620	45640971	0.75	cps
Iron	57-2	1126547	1143850	1116793	1129063	1.21	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-05	Instrumnet Name :	P8
Client Sample ID :	A0BA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:45:43	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1203	1263	1215	3.65	cps
Lead	206-1	68889	70911	70202	70001	1.47	cps
Lead	207-1	57662	59615	57846	58375	1.85	cps
Lead	208-1	271738	273051	276239	273676	0.85	cps
Lithium	6-1	4600016	4786598	4646216	4677610	2.08	cps
Magnesium	24-2	482658	480343	477037	480013	0.59	cps
Manganese	55-2	1179286	1146503	1144895	1156895	1.68	cps
Molybdenum	94-1	5068	5276	5209	5184	2.05	cps
Molybdenum	95-1	2867	2784	2559	2736	5.83	cps
Molybdenum	96-1	4184	4543	4618	4448	5.21	cps
Molybdenum	97-1	1842	1408	1833	1695	14.63	cps
Molybdenum	98-1	4351	4059	4276	4229	3.58	cps
Neodymium	150-1	113277	112221	113902	113133	0.75	cps
Neodymium	150-2	51338	50686	49822	50615	1.50	cps
Nickel	60-2	4004	3924	3931	3953	1.12	cps
Phosphorus	31-2	2067	2200	2192	2153	3.47	cps
Potassium	39-2	169251	169367	166927	168515	0.82	cps
Rhodium	103-1	6856719	7064350	7033234	6984768	1.60	cps
Rhodium	103-2	4042955	3960272	3966311	3989846	1.16	cps
Scandium	45-1	6654320	6618741	6705083	6659381	0.65	cps
Scandium	45-2	239460	236251	236246	237319	0.78	cps
Selenium	82-1	154	115	91	120	26.30	cps
Selenium	77-2	213	223	217	218	2.34	cps
Selenium	78-2	228	187	205	207	9.95	cps
Silicon	28-1	9848190	9879766	9957377	9895111	0.57	cps
Silver	107-1	367	517	492	458	17.53	cps
Silver	109-1	467	475	450	464	2.74	cps
Sodium	23-2	92409	90724	91611	91581	0.92	cps
Strontium	86-1	29816	29841	30593	30083	1.47	cps
Strontium	88-1	243624	247719	242797	244713	1.08	cps
Sulfur	34-1	391179	389040	390078	390099	0.27	cps
Terbium	159-1	6613237	6872622	6965551	6817137	2.68	cps
Terbium	159-2	4281241	4210692	4300456	4264130	1.11	cps
Thallium	203-1	258	308	175	247	27.24	cps
Thallium	205-1	608	708	658	658	7.59	cps
Tin	118-1	4709	4884	4668	4754	2.42	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-05	Instrumnet Name :	P8
Client Sample ID :	A0BA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:45:43	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	261254	260682	268403	263446	1.63	cps
Uranium	238-1	22604	23222	23564	23130	2.10	cps
Vanadium	51-2	21386	21279	21162	21276	0.53	cps
Ytterbium	172-1	10813	11230	11222	11088	2.15	cps
Ytterbium	172-2	8970	8803	8675	8816	1.68	cps
Ytterbium	176-1	7069	7127	7669	7288	4.54	cps
Ytterbium	176-2	11633	12006	11527	11722	2.14	cps
Yttrium	89-1	15382648	15613975	15753084	15583235	1.20	cps
Yttrium	89-2	1977305	2030614	2014715	2007545	1.36	cps
Zinc	66-2	46740	47687	46255	46894	1.55	cps
Zirconium	90-1	10437	10504	10871	10604	2.20	cps
Zirconium	91-1	2234	2300	1984	2172	7.69	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-06	Instrumnet Name :	P8
Client Sample ID :	A0BA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:48:44	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652220	651921	651612	651918	0.05	cps
Antimony	121-1	550	400	483	478	15.73	cps
Arsenic	75-2	705	733	762	733	3.89	cps
Barium	135-1	74029	76401	73460	74630	2.09	cps
Barium	137-1	125944	124617	124329	124963	0.69	cps
Beryllium	9-1	2862	2772	2710	2781	2.75	cps
Bismuth	209-1	3271592	3356650	3362220	3330154	1.53	cps
Bismuth	209-2	2863690	2878277	2768878	2836948	2.09	cps
Boron	10-1	2174	2174	2168	2172	0.16	cps
Boron	11-1	9887	9853	10208	9983	1.96	cps
Bromine	81-1	18993	17950	18752	18565	2.94	cps
Cadmium	111-1	3187	2916	2855	2986	5.92	cps
Cadmium	106-1	4301	3984	3692	3992	7.62	cps
Cadmium	108-1	75	63	42	60	28.19	cps
Calcium	43-1	59428	58918	59089	59145	0.44	cps
Calcium	44-1	995752	1006156	992675	998194	0.71	cps
Carbon	12-1	5346629	5247163	5290950	5294914	0.94	cps
Carbon	12-2	48899	49592	49476	49322	0.75	cps
Chlorine	35-1	35049929	39294400	40615501	38319943	7.59	cps
Chlorine	35-2	298539	298601	305960	301033	1.42	cps
Chromium	52-2	12065	11988	11558	11871	2.30	cps
Cobalt	59-2	21613	22061	21747	21807	1.05	cps
Copper	63-2	36647	36477	36895	36673	0.57	cps
Dysprosium	156-1	78850	80862	82480	80731	2.25	cps
Dysprosium	156-2	48675	48200	49057	48644	0.88	cps
Erbium	164-1	65889	65856	68513	66753	2.28	cps
Erbium	164-2	41368	42157	41347	41624	1.11	cps
Gadolinium	160-1	71050	71694	73395	72046	1.68	cps
Gadolinium	160-2	49860	49970	50924	50251	1.16	cps
Holmium	165-1	6180822	6267336	6504666	6317608	2.65	cps
Holmium	165-2	4158957	4276177	4168008	4201047	1.55	cps
Indium	115-1	6667675	6808470	6624347	6700164	1.44	cps
Indium	115-2	1300561	1331809	1337216	1323195	1.50	cps
Iron	54-2	3193520	3063202	3132611	3129777	2.08	cps
Iron	56-2	56056918	55359521	55709723	55708721	0.63	cps
Iron	57-2	1395414	1365056	1351842	1370771	1.63	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-06	Instrumnet Name :	P8
Client Sample ID :	A0BA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:48:44	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1247	1213	1233	1231	1.36	cps
Lead	206-1	70297	69966	70386	70217	0.31	cps
Lead	207-1	58796	57752	58359	58302	0.90	cps
Lead	208-1	271863	270028	270844	270912	0.34	cps
Lithium	6-1	4564741	4718134	4568820	4617232	1.89	cps
Magnesium	24-2	686271	687403	695988	689887	0.77	cps
Manganese	55-2	1232827	1199549	1236539	1222972	1.67	cps
Molybdenum	94-1	4001	4376	4009	4129	5.19	cps
Molybdenum	95-1	2700	2417	2417	2511	6.51	cps
Molybdenum	96-1	4201	3992	4442	4212	5.35	cps
Molybdenum	97-1	1709	1475	1667	1617	7.70	cps
Molybdenum	98-1	4301	4042	4126	4156	3.17	cps
Neodymium	150-1	135251	130772	132329	132784	1.71	cps
Neodymium	150-2	61437	58688	60171	60099	2.29	cps
Nickel	60-2	4314	4547	4464	4442	2.66	cps
Phosphorus	31-2	2575	2450	2425	2484	3.24	cps
Potassium	39-2	150714	151515	153369	151866	0.90	cps
Rhodium	103-1	6926260	6706238	6906457	6846318	1.78	cps
Rhodium	103-2	3824625	3995558	3877256	3899147	2.25	cps
Scandium	45-1	6752787	6716016	6698150	6722318	0.41	cps
Scandium	45-2	228345	239071	234315	233910	2.30	cps
Selenium	82-1	203	230	309	248	22.27	cps
Selenium	77-2	277	233	327	279	16.75	cps
Selenium	78-2	254	259	215	243	9.93	cps
Silicon	28-1	10470787	10417991	10321267	10403349	0.73	cps
Silver	107-1	467	433	475	458	4.81	cps
Silver	109-1	400	458	433	431	6.80	cps
Sodium	23-2	84495	85015	84234	84581	0.47	cps
Strontium	86-1	28872	29724	29131	29242	1.49	cps
Strontium	88-1	237987	234305	233705	235332	0.99	cps
Sulfur	34-1	374251	374837	368105	372398	1.00	cps
Terbium	159-1	6961127	6973765	7102904	7012599	1.12	cps
Terbium	159-2	4185454	4240802	4276204	4234153	1.08	cps
Thallium	203-1	300	242	200	247	20.32	cps
Thallium	205-1	592	575	650	606	6.50	cps
Tin	118-1	5168	5343	5626	5379	4.30	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-06	Instrumnet Name :	P8
Client Sample ID :	A0BA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:48:44	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	88592	89882	90957	89810	1.32	cps
Uranium	238-1	21978	21569	22287	21945	1.64	cps
Vanadium	51-2	22257	21837	21767	21954	1.21	cps
Ytterbium	172-1	17654	18780	17495	17977	3.90	cps
Ytterbium	172-2	13624	13785	13924	13778	1.09	cps
Ytterbium	176-1	11539	11280	11539	11453	1.30	cps
Ytterbium	176-2	14297	14380	15159	14612	3.25	cps
Yttrium	89-1	15878986	15773429	15572347	15741587	0.99	cps
Yttrium	89-2	2000160	2064928	2041844	2035644	1.61	cps
Zinc	66-2	53059	53815	53538	53471	0.72	cps
Zirconium	90-1	7544	7452	7761	7586	2.09	cps
Zirconium	91-1	1717	1667	1458	1614	8.49	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-07	Instrumnet Name :	P8
Client Sample ID :	A0BA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:51:47	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405832	404261	405540	405211	0.21	cps
Antimony	121-1	9837	9904	9704	9815	1.04	cps
Arsenic	75-2	1235	1302	1316	1285	3.37	cps
Barium	135-1	107738	104000	106092	105943	1.77	cps
Barium	137-1	185105	174835	176000	178647	3.15	cps
Beryllium	9-1	1202	1244	1214	1220	1.77	cps
Bismuth	209-1	3442725	3593883	3412880	3483162	2.79	cps
Bismuth	209-2	2879341	2924586	2745579	2849836	3.27	cps
Boron	10-1	2274	2418	2370	2354	3.12	cps
Boron	11-1	10812	11014	10892	10906	0.93	cps
Bromine	81-1	18892	18522	17519	18311	3.88	cps
Cadmium	111-1	2763	2829	2788	2793	1.18	cps
Cadmium	106-1	3559	3684	3676	3639	1.92	cps
Cadmium	108-1	46	83	79	69	29.60	cps
Calcium	43-1	42266	42055	42528	42283	0.56	cps
Calcium	44-1	714614	712359	715646	714206	0.24	cps
Carbon	12-1	5895603	5958993	6051098	5968565	1.31	cps
Carbon	12-2	55187	55388	56325	55634	1.09	cps
Chlorine	35-1	34850713	40010619	42734811	39198714	10.22	cps
Chlorine	35-2	320765	333941	339660	331455	2.92	cps
Chromium	52-2	41260	40658	40514	40810	0.97	cps
Cobalt	59-2	29751	29477	29638	29622	0.46	cps
Copper	63-2	152122	149994	150971	151029	0.71	cps
Dysprosium	156-1	21835	22653	22269	22253	1.84	cps
Dysprosium	156-2	12516	12563	12876	12652	1.55	cps
Erbium	164-1	14750	14183	14091	14342	2.49	cps
Erbium	164-2	8786	8990	8890	8889	1.14	cps
Gadolinium	160-1	17295	17187	15643	16708	5.53	cps
Gadolinium	160-2	12239	12019	11805	12021	1.80	cps
Holmium	165-1	6424429	6583457	6353543	6453810	1.82	cps
Holmium	165-2	4225787	4281035	4175526	4227449	1.25	cps
Indium	115-1	6960529	6850600	6789692	6866940	1.26	cps
Indium	115-2	1321368	1342711	1315029	1326369	1.09	cps
Iron	54-2	4064430	4071185	3941892	4025836	1.81	cps
Iron	56-2	74175732	71687146	73384557	73082478	1.74	cps
Iron	57-2	1879603	1826928	1867324	1857952	1.48	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-07	Instrumnet Name :	P8
Client Sample ID :	A0BA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:51:47	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1087	910	1057	12.70	cps
Lead	206-1	1365115	1386906	1416659	1389560	1.86	cps
Lead	207-1	1173789	1186475	1168161	1176142	0.80	cps
Lead	208-1	5715057	5728405	5653831	5699098	0.70	cps
Lithium	6-1	4474397	4609083	4571178	4551553	1.53	cps
Magnesium	24-2	464027	464655	462717	463800	0.21	cps
Manganese	55-2	423375	422248	420323	421982	0.37	cps
Molybdenum	94-1	9595	9520	9437	9517	0.83	cps
Molybdenum	95-1	12681	12956	12731	12790	1.15	cps
Molybdenum	96-1	14942	16018	15584	15515	3.49	cps
Molybdenum	97-1	7944	7869	7619	7811	2.18	cps
Molybdenum	98-1	19865	20274	20324	20154	1.25	cps
Neodymium	150-1	41217	44167	41866	42416	3.65	cps
Neodymium	150-2	19007	20085	20259	19784	3.43	cps
Nickel	60-2	13190	13563	13537	13430	1.55	cps
Phosphorus	31-2	1842	1859	1817	1839	1.14	cps
Potassium	39-2	146565	142953	141001	143506	1.97	cps
Rhodium	103-1	6878850	6931960	6780297	6863702	1.12	cps
Rhodium	103-2	3970739	4023597	3973189	3989175	0.75	cps
Scandium	45-1	6664158	6560511	6539656	6588108	1.01	cps
Scandium	45-2	232275	237444	228240	232653	1.98	cps
Selenium	82-1	-27	13	104	30	223.52	cps
Selenium	77-2	70	90	90	83	13.86	cps
Selenium	78-2	115	111	127	118	7.08	cps
Silicon	28-1	8054054	8087657	8132514	8091409	0.49	cps
Silver	107-1	750	892	992	878	13.83	cps
Silver	109-1	850	1025	792	889	13.66	cps
Sodium	23-2	68654	68788	68486	68643	0.22	cps
Strontium	86-1	22243	21208	22552	22001	3.20	cps
Strontium	88-1	179426	174720	172628	175591	1.98	cps
Sulfur	34-1	376575	381803	379357	379245	0.69	cps
Terbium	159-1	6967255	7081979	6624062	6891099	3.46	cps
Terbium	159-2	4330858	4234889	4185855	4250534	1.74	cps
Thallium	203-1	458	425	442	442	3.77	cps
Thallium	205-1	825	842	917	861	5.67	cps
Tin	118-1	519421	519677	519487	519529	0.03	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-07	Instrumnet Name :	P8
Client Sample ID :	A0BA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:51:47	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	405345	406451	398859	403552	1.02	cps
Uranium	238-1	12423	12932	12356	12570	2.50	cps
Vanadium	51-2	40123	40364	39792	40093	0.72	cps
Ytterbium	172-1	3951	4051	4243	4081	3.63	cps
Ytterbium	172-2	3139	3373	3012	3175	5.77	cps
Ytterbium	176-1	3117	3075	3334	3175	4.37	cps
Ytterbium	176-2	7636	8525	7919	8027	5.66	cps
Yttrium	89-1	14972788	15088575	14619012	14893458	1.64	cps
Yttrium	89-2	1910719	1945010	1830716	1895482	3.09	cps
Zinc	66-2	41330	40802	42169	41434	1.66	cps
Zirconium	90-1	6385	5885	5651	5974	6.27	cps
Zirconium	91-1	1383	1267	1358	1336	4.60	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5000-08 Instrumnet Name : P8
 Client Sample ID : A0BA9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 15:54:47 DataFile Name : 082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932901	908131	920819	920617	1.35	cps
Antimony	121-1	167	150	233	183	24.05	cps
Arsenic	75-2	248	259	256	254	2.24	cps
Barium	135-1	84348	85924	82695	84323	1.91	cps
Barium	137-1	143619	146070	146255	145315	1.01	cps
Beryllium	9-1	2138	2128	2168	2144	0.97	cps
Bismuth	209-1	3283690	3515274	3361243	3386736	3.48	cps
Bismuth	209-2	2923613	3057335	2787348	2922765	4.62	cps
Boron	10-1	1920	1804	1810	1844	3.54	cps
Boron	11-1	8791	8643	8413	8616	2.21	cps
Bromine	81-1	18110	18531	17890	18177	1.79	cps
Cadmium	111-1	2807	2948	2656	2804	5.21	cps
Cadmium	106-1	3909	4092	3709	3903	4.91	cps
Cadmium	108-1	54	42	46	47	13.48	cps
Calcium	43-1	122836	121757	120641	121745	0.90	cps
Calcium	44-1	2091610	1963533	2047272	2034138	3.20	cps
Carbon	12-1	5187547	5220482	5166568	5191533	0.52	cps
Carbon	12-2	48848	46566	47812	47742	2.39	cps
Chlorine	35-1	20947662	22470865	22670030	22029519	4.28	cps
Chlorine	35-2	161030	161695	158411	160378	1.08	cps
Chromium	52-2	26752	26732	26137	26540	1.32	cps
Cobalt	59-2	39030	39237	39424	39231	0.50	cps
Copper	63-2	75808	74129	73589	74509	1.55	cps
Dysprosium	156-1	15893	15810	15560	15754	1.10	cps
Dysprosium	156-2	9333	9137	9347	9272	1.27	cps
Erbium	164-1	12464	12047	12923	12478	3.51	cps
Erbium	164-2	7976	7886	8173	8011	1.83	cps
Gadolinium	160-1	12823	12640	12915	12793	1.10	cps
Gadolinium	160-2	9707	10024	9810	9847	1.64	cps
Holmium	165-1	6465398	6529881	6417773	6471017	0.87	cps
Holmium	165-2	4351708	4521443	4155595	4342915	4.22	cps
Indium	115-1	6693199	7114002	6797064	6868088	3.19	cps
Indium	115-2	1346614	1409991	1282178	1346261	4.75	cps
Iron	54-2	3852233	3864223	3847991	3854816	0.22	cps
Iron	56-2	71110738	69880593	68850275	69947202	1.62	cps
Iron	57-2	1733334	1770838	1751407	1751860	1.07	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-08	Instrumnet Name :	P8
Client Sample ID :	A0BA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:54:47	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1087	1117	1127	4.07	cps
Lead	206-1	19003	19888	18753	19215	3.10	cps
Lead	207-1	15810	15432	15309	15517	1.68	cps
Lead	208-1	73566	75153	72977	73899	1.52	cps
Lithium	6-1	4694502	4664088	4479708	4612766	2.52	cps
Magnesium	24-2	1176046	1147589	1159994	1161210	1.23	cps
Manganese	55-2	720674	703759	705644	710026	1.31	cps
Molybdenum	94-1	1917	2025	1900	1947	3.49	cps
Molybdenum	95-1	1033	1158	1150	1114	6.27	cps
Molybdenum	96-1	2900	2909	2759	2856	2.95	cps
Molybdenum	97-1	508	692	700	633	17.10	cps
Molybdenum	98-1	1667	1333	1700	1567	12.94	cps
Neodymium	150-1	24630	24536	24510	24559	0.26	cps
Neodymium	150-2	11345	11021	11508	11292	2.20	cps
Nickel	60-2	7292	7259	7119	7223	1.27	cps
Phosphorus	31-2	3417	3617	3317	3451	4.43	cps
Potassium	39-2	263698	265308	260413	263140	0.95	cps
Rhodium	103-1	6784303	6705159	6657304	6715588	0.96	cps
Rhodium	103-2	3900920	4174979	3862204	3979368	4.28	cps
Scandium	45-1	6790260	6494717	6563852	6616276	2.34	cps
Scandium	45-2	234224	240676	217749	230883	5.12	cps
Selenium	82-1	-64	45	7	-4	-1464.95	cps
Selenium	77-2	60	80	53	64	21.54	cps
Selenium	78-2	84	98	96	93	8.17	cps
Silicon	28-1	11216143	11446770	11385396	11349436	1.05	cps
Silver	107-1	342	350	308	333	6.61	cps
Silver	109-1	300	267	292	286	6.06	cps
Sodium	23-2	138479	133979	136061	136173	1.65	cps
Strontium	86-1	72178	73317	74182	73226	1.37	cps
Strontium	88-1	605568	608926	625545	613347	1.74	cps
Sulfur	34-1	365099	367902	359013	364005	1.25	cps
Terbium	159-1	6961126	6933148	6651442	6848572	2.50	cps
Terbium	159-2	4396225	4504147	4208319	4369564	3.43	cps
Thallium	203-1	217	267	267	250	11.55	cps
Thallium	205-1	433	425	617	492	22.03	cps
Tin	118-1	1617	1533	1667	1606	4.20	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-08	Instrumnet Name :	P8
Client Sample ID :	A0BA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:54:47	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	462221	471849	470345	468138	1.11	cps
Uranium	238-1	12140	12006	12465	12203	1.93	cps
Vanadium	51-2	63989	63028	64253	63757	1.01	cps
Ytterbium	172-1	4084	4092	4001	4059	1.25	cps
Ytterbium	172-2	3067	3062	3084	3071	0.38	cps
Ytterbium	176-1	3259	3059	3259	3192	3.62	cps
Ytterbium	176-2	7891	8809	7830	8177	6.70	cps
Yttrium	89-1	14765457	14710014	14348624	14608031	1.55	cps
Yttrium	89-2	1880808	2040514	1865806	1929043	5.02	cps
Zinc	66-2	34549	34846	34104	34500	1.08	cps
Zirconium	90-1	3692	3834	4059	3862	4.79	cps
Zirconium	91-1	700	917	900	839	14.37	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-09	Instrumnet Name :	P8
Client Sample ID :	A0BB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:57:47	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427465	429371	430120	428985	0.32	cps
Antimony	121-1	2309	2209	2317	2278	2.65	cps
Arsenic	75-2	641	626	642	636	1.41	cps
Barium	135-1	110500	110207	109309	110005	0.56	cps
Barium	137-1	184494	190820	188042	187785	1.69	cps
Beryllium	9-1	1156	1136	1170	1154	1.48	cps
Bismuth	209-1	3441747	3370370	3564331	3458816	2.84	cps
Bismuth	209-2	2932956	2948962	2869052	2916990	1.45	cps
Boron	10-1	1974	2030	1812	1938	5.84	cps
Boron	11-1	8721	8785	8815	8774	0.55	cps
Bromine	81-1	18953	18953	18491	18799	1.42	cps
Cadmium	111-1	2688	2868	2485	2680	7.15	cps
Cadmium	106-1	3442	3667	3175	3428	7.18	cps
Cadmium	108-1	67	58	54	60	10.66	cps
Calcium	43-1	75751	75606	75160	75506	0.41	cps
Calcium	44-1	1279573	1280418	1249757	1269916	1.38	cps
Carbon	12-1	7051915	7225517	7224671	7167368	1.40	cps
Carbon	12-2	67229	67363	67949	67514	0.57	cps
Chlorine	35-1	29185605	33859561	38204172	33749779	13.36	cps
Chlorine	35-2	285936	299053	313049	299346	4.53	cps
Chromium	52-2	20208	20625	21039	20624	2.02	cps
Cobalt	59-2	21673	21079	21406	21386	1.39	cps
Copper	63-2	77169	75932	76793	76631	0.83	cps
Dysprosium	156-1	14383	13883	13757	14008	2.36	cps
Dysprosium	156-2	8616	9093	8923	8877	2.72	cps
Erbium	164-1	11030	11213	11113	11119	0.83	cps
Erbium	164-2	7182	7462	7315	7320	1.91	cps
Gadolinium	160-1	11814	12323	12790	12309	3.97	cps
Gadolinium	160-2	9150	9086	9220	9152	0.73	cps
Holmium	165-1	6714883	6640506	6396140	6583843	2.53	cps
Holmium	165-2	4292045	4425114	4392161	4369773	1.59	cps
Indium	115-1	6875968	6773406	7068567	6905980	2.17	cps
Indium	115-2	1334428	1350788	1331514	1338910	0.78	cps
Iron	54-2	1225714	1211282	1214004	1217000	0.63	cps
Iron	56-2	21998085	22536803	22485531	22340140	1.33	cps
Iron	57-2	549382	546821	550662	548955	0.36	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-09	Instrumnet Name :	P8
Client Sample ID :	A0BB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:57:47	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1097	1103	1142	6.41	cps
Lead	206-1	139187	132801	135628	135872	2.36	cps
Lead	207-1	114269	115736	112409	114138	1.46	cps
Lead	208-1	533142	534000	520545	529229	1.42	cps
Lithium	6-1	4600517	4680427	4519011	4599985	1.75	cps
Magnesium	24-2	428175	430545	421949	426889	1.04	cps
Manganese	55-2	288274	287530	288369	288057	0.16	cps
Molybdenum	94-1	2800	2850	2375	2675	9.76	cps
Molybdenum	95-1	1759	1834	1842	1811	2.53	cps
Molybdenum	96-1	2375	2567	2517	2486	4.00	cps
Molybdenum	97-1	942	1042	1125	1036	8.86	cps
Molybdenum	98-1	2667	2692	3000	2786	6.66	cps
Neodymium	150-1	26968	26393	26326	26562	1.33	cps
Neodymium	150-2	11932	11468	11852	11751	2.11	cps
Nickel	60-2	10384	9910	10174	10156	2.34	cps
Phosphorus	31-2	1867	2034	2200	2034	8.20	cps
Potassium	39-2	150109	153476	151599	151728	1.11	cps
Rhodium	103-1	7039122	7010418	6911147	6986896	0.96	cps
Rhodium	103-2	4033206	4016211	3924479	3991299	1.47	cps
Scandium	45-1	6512078	6491545	6269039	6424220	2.10	cps
Scandium	45-2	229794	231350	230199	230448	0.35	cps
Selenium	82-1	-49	61	89	34	218.27	cps
Selenium	77-2	67	37	53	52	28.78	cps
Selenium	78-2	81	106	97	95	13.37	cps
Silicon	28-1	8450788	8338356	8801137	8530094	2.83	cps
Silver	107-1	1042	917	1000	986	6.46	cps
Silver	109-1	975	1025	1058	1020	4.11	cps
Sodium	23-2	56644	57597	56920	57054	0.86	cps
Strontium	86-1	37576	38094	38972	38214	1.85	cps
Strontium	88-1	305381	308444	320606	311477	2.59	cps
Sulfur	34-1	358207	357642	354457	356769	0.57	cps
Terbium	159-1	6850881	6902123	6976648	6909884	0.92	cps
Terbium	159-2	4247171	4325366	4208173	4260236	1.40	cps
Thallium	203-1	317	300	383	333	13.23	cps
Thallium	205-1	608	642	750	667	11.11	cps
Tin	118-1	6193	5952	6193	6113	2.28	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-09	Instrumnet Name :	P8
Client Sample ID :	A0BB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 15:57:47	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	419632	427114	434735	427160	1.77	cps
Uranium	238-1	9504	9429	9746	9559	1.73	cps
Vanadium	51-2	33533	34201	33182	33638	1.54	cps
Ytterbium	172-1	3401	3634	3167	3401	6.86	cps
Ytterbium	172-2	2389	2606	2445	2480	4.54	cps
Ytterbium	176-1	2459	2867	2667	2664	7.67	cps
Ytterbium	176-2	7230	7519	7736	7495	3.39	cps
Yttrium	89-1	14608799	14543241	14865274	14672438	1.16	cps
Yttrium	89-2	1938807	1921131	1901282	1920407	0.98	cps
Zinc	66-2	34218	34105	34619	34314	0.79	cps
Zirconium	90-1	5043	5293	4809	5048	4.79	cps
Zirconium	91-1	1008	1083	992	1028	4.75	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-10	Instrumnet Name :	P8
Client Sample ID :	A0BB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:00:47	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413549	414184	409827	412520	0.57	cps
Antimony	121-1	258	325	317	300	12.11	cps
Arsenic	75-2	416	368	375	386	6.71	cps
Barium	135-1	58545	56980	58201	57909	1.42	cps
Barium	137-1	100148	96621	99107	98625	1.84	cps
Beryllium	9-1	1710	1812	1934	1818	6.17	cps
Bismuth	209-1	3540096	3600958	3332903	3491319	4.03	cps
Bismuth	209-2	2792217	2911096	2922075	2875129	2.50	cps
Boron	10-1	1612	1594	1644	1616	1.57	cps
Boron	11-1	7308	7318	7020	7216	2.35	cps
Bromine	81-1	17369	18942	18812	18374	4.75	cps
Cadmium	111-1	2738	2632	2666	2679	2.00	cps
Cadmium	106-1	3742	3601	3709	3684	2.01	cps
Cadmium	108-1	46	54	38	46	18.19	cps
Calcium	43-1	37913	37493	37935	37780	0.66	cps
Calcium	44-1	634957	636522	642913	638131	0.66	cps
Carbon	12-1	5199341	5117787	5089040	5135390	1.11	cps
Carbon	12-2	48598	48932	48087	48539	0.88	cps
Chlorine	35-1	33034402	37306848	40164439	36835230	9.74	cps
Chlorine	35-2	302743	314164	314488	310465	2.15	cps
Chromium	52-2	15121	14968	15141	15077	0.63	cps
Cobalt	59-2	17661	17391	17214	17422	1.29	cps
Copper	63-2	19397	19874	19771	19680	1.28	cps
Dysprosium	156-1	34871	33744	33376	33997	2.29	cps
Dysprosium	156-2	19922	20336	20262	20173	1.10	cps
Erbium	164-1	28131	27237	27746	27705	1.62	cps
Erbium	164-2	18697	16908	17261	17622	5.38	cps
Gadolinium	160-1	29391	29158	29475	29341	0.56	cps
Gadolinium	160-2	20913	20893	20519	20775	1.07	cps
Holmium	165-1	6401693	6666408	6542615	6536905	2.03	cps
Holmium	165-2	4278228	4330447	4354220	4320965	0.90	cps
Indium	115-1	6880661	6838765	6621021	6780149	2.06	cps
Indium	115-2	1306064	1362650	1362415	1343710	2.43	cps
Iron	54-2	2211821	2266599	2217327	2231915	1.35	cps
Iron	56-2	39963706	39778891	39288066	39676888	0.88	cps
Iron	57-2	994876	970248	968050	977725	1.52	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-10	Instrumnet Name :	P8
Client Sample ID :	A0BB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:00:47	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1243	1190	1140	1191	4.34	cps
Lead	206-1	27129	26272	27624	27008	2.53	cps
Lead	207-1	22019	21863	21746	21876	0.63	cps
Lead	208-1	107078	103811	103138	104676	2.01	cps
Lithium	6-1	4758104	4587830	4430024	4591986	3.57	cps
Magnesium	24-2	364227	371474	366725	367475	1.00	cps
Manganese	55-2	784749	793563	784977	787763	0.64	cps
Molybdenum	94-1	4568	4909	4826	4768	3.74	cps
Molybdenum	95-1	2750	2650	2892	2764	4.39	cps
Molybdenum	96-1	4426	4601	4584	4537	2.13	cps
Molybdenum	97-1	2009	1742	1617	1789	11.18	cps
Molybdenum	98-1	4351	4401	4176	4309	2.74	cps
Neodymium	150-1	54484	53560	55395	54480	1.68	cps
Neodymium	150-2	25104	24890	24159	24717	2.00	cps
Nickel	60-2	4091	4174	4101	4122	1.10	cps
Phosphorus	31-2	1683	1608	1633	1642	2.33	cps
Potassium	39-2	171107	171055	167935	170032	1.07	cps
Rhodium	103-1	7039721	6861631	6799638	6900330	1.81	cps
Rhodium	103-2	3886795	3811971	3998621	3899129	2.41	cps
Scandium	45-1	6622643	6770274	6507179	6633366	1.99	cps
Scandium	45-2	227899	234302	239405	233869	2.47	cps
Selenium	82-1	27	38	57	41	36.51	cps
Selenium	77-2	90	120	120	110	15.75	cps
Selenium	78-2	131	161	149	147	10.27	cps
Silicon	28-1	8568473	8717345	8653194	8646337	0.86	cps
Silver	107-1	392	367	533	431	20.88	cps
Silver	109-1	292	258	283	278	6.25	cps
Sodium	23-2	75328	75362	77573	76088	1.69	cps
Strontium	86-1	23996	24731	24606	24444	1.61	cps
Strontium	88-1	189783	191066	192520	191123	0.72	cps
Sulfur	34-1	345948	350463	351317	349243	0.83	cps
Terbium	159-1	7163086	6974726	6637426	6925079	3.85	cps
Terbium	159-2	4252700	4271916	4334015	4286210	0.99	cps
Thallium	203-1	225	208	217	217	3.85	cps
Thallium	205-1	492	583	525	533	8.70	cps
Tin	118-1	3792	3484	3826	3701	5.09	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-10	Instrumnet Name :	P8
Client Sample ID :	A0BB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:00:47	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	202557	203882	197352	201264	1.72	cps
Uranium	238-1	16987	17488	17963	17479	2.79	cps
Vanadium	51-2	23459	22354	22808	22874	2.43	cps
Ytterbium	172-1	8761	8611	8445	8606	1.84	cps
Ytterbium	172-2	6413	6452	6857	6574	3.75	cps
Ytterbium	176-1	5851	5551	5868	5757	3.10	cps
Ytterbium	176-2	9954	10488	11033	10491	5.14	cps
Yttrium	89-1	15651507	15550917	14640657	15281027	3.64	cps
Yttrium	89-2	1921060	1942596	1957862	1940506	0.95	cps
Zinc	66-2	27564	27166	26725	27152	1.54	cps
Zirconium	90-1	8703	8936	8253	8631	4.03	cps
Zirconium	91-1	1759	1808	1692	1753	3.34	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-11	Instrumnet Name :	P8
Client Sample ID :	A0BB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:03:50	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239241	241076	239522	239946	0.41	cps
Antimony	121-1	1492	1375	1517	1461	5.18	cps
Arsenic	75-2	918	882	851	884	3.79	cps
Barium	135-1	113198	113298	110198	112232	1.57	cps
Barium	137-1	193155	190375	198457	193996	2.12	cps
Beryllium	9-1	1218	1236	1304	1252	3.62	cps
Bismuth	209-1	3474230	3457774	3449937	3460647	0.36	cps
Bismuth	209-2	2839603	2854091	2912022	2868572	1.34	cps
Boron	10-1	1396	1434	1462	1430	2.32	cps
Boron	11-1	6368	6750	6930	6683	4.30	cps
Bromine	81-1	18221	18481	19424	18709	3.38	cps
Cadmium	111-1	3245	3083	3096	3142	2.87	cps
Cadmium	106-1	3767	3559	3667	3664	2.84	cps
Cadmium	108-1	83	71	96	83	15.01	cps
Calcium	43-1	32752	32575	32347	32558	0.62	cps
Calcium	44-1	556854	555569	564846	559090	0.90	cps
Carbon	12-1	5616085	5775964	5645474	5679174	1.50	cps
Carbon	12-2	53113	53933	52846	53297	1.06	cps
Chlorine	35-1	38488763	43269746	47136757	42965089	10.08	cps
Chlorine	35-2	346580	349002	347550	347711	0.35	cps
Chromium	52-2	37937	37730	37843	37837	0.27	cps
Cobalt	59-2	18839	19647	18552	19013	2.99	cps
Copper	63-2	56171	55899	56777	56282	0.80	cps
Dysprosium	156-1	75381	78440	73504	75775	3.29	cps
Dysprosium	156-2	46461	45922	45691	46025	0.86	cps
Erbium	164-1	52814	51752	51994	52187	1.07	cps
Erbium	164-2	31805	31872	33061	32246	2.19	cps
Gadolinium	160-1	66835	67499	68586	67640	1.31	cps
Gadolinium	160-2	48181	46417	47668	47422	1.91	cps
Holmium	165-1	6552563	6372553	6474442	6466519	1.40	cps
Holmium	165-2	4264152	4348124	4279077	4297118	1.04	cps
Indium	115-1	7020491	6698991	6759833	6826438	2.50	cps
Indium	115-2	1325778	1332421	1325373	1327857	0.30	cps
Iron	54-2	1703659	1694893	1675749	1691433	0.84	cps
Iron	56-2	30256936	30279081	30251915	30262644	0.05	cps
Iron	57-2	741202	732848	745339	739796	0.86	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-11	Instrumnet Name :	P8
Client Sample ID :	A0BB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:03:50	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1337	1150	1238	7.58	cps
Lead	206-1	91054	93119	93939	92704	1.60	cps
Lead	207-1	78147	75465	77979	77197	1.95	cps
Lead	208-1	362472	356408	365706	361529	1.31	cps
Lithium	6-1	4561225	4455367	4431641	4482744	1.54	cps
Magnesium	24-2	218695	217661	219782	218713	0.48	cps
Manganese	55-2	1483218	1507523	1482738	1491160	0.95	cps
Molybdenum	94-1	7369	6702	7360	7144	5.36	cps
Molybdenum	95-1	4959	5443	5518	5307	5.71	cps
Molybdenum	96-1	6919	6402	6635	6652	3.89	cps
Molybdenum	97-1	3359	2817	2934	3037	9.39	cps
Molybdenum	98-1	8836	7727	7961	8175	7.15	cps
Neodymium	150-1	159534	158261	157375	158390	0.69	cps
Neodymium	150-2	70850	70867	72170	71296	1.06	cps
Nickel	60-2	7442	7449	7372	7421	0.57	cps
Phosphorus	31-2	1984	1767	1950	1900	6.14	cps
Potassium	39-2	84296	84431	86560	85095	1.49	cps
Rhodium	103-1	7161054	6907142	6787555	6951917	2.74	cps
Rhodium	103-2	3897192	3958154	3971719	3942355	1.01	cps
Scandium	45-1	6724830	6587290	6560343	6624154	1.33	cps
Scandium	45-2	234871	235657	233115	234547	0.55	cps
Selenium	82-1	145	56	207	136	55.71	cps
Selenium	77-2	333	317	353	334	5.49	cps
Selenium	78-2	267	263	259	263	1.52	cps
Silicon	28-1	7471281	7399950	7290704	7387312	1.23	cps
Silver	107-1	717	875	908	833	12.29	cps
Silver	109-1	817	808	683	769	9.71	cps
Sodium	23-2	69567	73948	71166	71560	3.10	cps
Strontium	86-1	15734	14675	15359	15256	3.52	cps
Strontium	88-1	113410	117469	115141	115340	1.77	cps
Sulfur	34-1	336955	337850	344550	339785	1.22	cps
Terbium	159-1	6930682	6708795	6834653	6824710	1.63	cps
Terbium	159-2	4164888	4226349	4240765	4210667	0.96	cps
Thallium	203-1	142	200	150	164	19.25	cps
Thallium	205-1	300	367	383	350	12.60	cps
Tin	118-1	5368	5059	5101	5176	3.23	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-11	Instrumnet Name :	P8
Client Sample ID :	A0BB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:03:50	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	89766	88700	89682	89383	0.66	cps
Uranium	238-1	12924	13424	13132	13160	1.91	cps
Vanadium	51-2	20241	19734	19907	19961	1.29	cps
Ytterbium	172-1	10696	10505	10588	10596	0.91	cps
Ytterbium	172-2	7880	7730	7769	7793	1.00	cps
Ytterbium	176-1	7219	6994	6802	7005	2.98	cps
Ytterbium	176-2	11010	10727	11767	11168	4.81	cps
Yttrium	89-1	15019810	15374375	15354589	15249591	1.31	cps
Yttrium	89-2	1994967	1989007	2017090	2000355	0.74	cps
Zinc	66-2	45520	46058	45881	45820	0.60	cps
Zirconium	90-1	11455	11463	12414	11778	4.68	cps
Zirconium	91-1	2859	2625	2825	2770	4.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-12	Instrumnet Name :	P8
Client Sample ID :	A0BB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:06:50	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	386023	387621	386350	386665	0.22	cps
Antimony	121-1	450	525	567	514	11.51	cps
Arsenic	75-2	826	750	783	786	4.85	cps
Barium	135-1	79174	78202	76156	77844	1.98	cps
Barium	137-1	134097	134778	133692	134189	0.41	cps
Beryllium	9-1	1794	1880	1826	1833	2.37	cps
Bismuth	209-1	3424372	3498622	3464224	3462406	1.07	cps
Bismuth	209-2	2833335	2902738	2873388	2869820	1.21	cps
Boron	10-1	1386	1298	1380	1354	3.63	cps
Boron	11-1	6198	6052	6064	6105	1.33	cps
Bromine	81-1	17459	17088	18542	17696	4.27	cps
Cadmium	111-1	3026	2889	3219	3045	5.44	cps
Cadmium	106-1	3801	3701	4117	3873	5.62	cps
Cadmium	108-1	38	79	108	75	47.47	cps
Calcium	43-1	31919	32277	32699	32299	1.21	cps
Calcium	44-1	554209	560747	560037	558331	0.64	cps
Carbon	12-1	5333313	5194404	5224639	5250785	1.39	cps
Carbon	12-2	47385	47344	48640	47790	1.54	cps
Chlorine	35-1	36652300	42330878	44888305	41290494	10.21	cps
Chlorine	35-2	338082	354276	348858	347072	2.38	cps
Chromium	52-2	21152	21406	21493	21350	0.83	cps
Cobalt	59-2	15635	15779	15342	15585	1.43	cps
Copper	63-2	28355	28138	27106	27866	2.39	cps
Dysprosium	156-1	79053	76771	77929	77918	1.46	cps
Dysprosium	156-2	47063	46561	46093	46572	1.04	cps
Erbium	164-1	54011	54605	55140	54585	1.03	cps
Erbium	164-2	33522	33596	33733	33617	0.32	cps
Gadolinium	160-1	64425	66241	66492	65719	1.72	cps
Gadolinium	160-2	48160	46775	45471	46802	2.87	cps
Holmium	165-1	6430235	6554933	6662591	6549253	1.78	cps
Holmium	165-2	4266646	4267219	4139432	4224432	1.74	cps
Indium	115-1	6900028	7077032	7069396	7015485	1.43	cps
Indium	115-2	1325698	1320322	1297046	1314355	1.16	cps
Iron	54-2	2136969	2109316	2134246	2126844	0.72	cps
Iron	56-2	39199715	38732577	38438879	38790390	0.99	cps
Iron	57-2	936777	937503	938531	937603	0.09	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-12	Instrumnet Name :	P8
Client Sample ID :	A0BB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:06:50	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1283	1130	1327	1247	8.29	cps
Lead	206-1	63377	64561	66163	64701	2.16	cps
Lead	207-1	54348	52869	53321	53513	1.42	cps
Lead	208-1	250734	249260	254570	251522	1.09	cps
Lithium	6-1	4577960	4630179	4649294	4619144	0.80	cps
Magnesium	24-2	340345	345702	347528	344525	1.08	cps
Manganese	55-2	1239007	1230569	1227409	1232328	0.49	cps
Molybdenum	94-1	9595	10162	9404	9720	4.06	cps
Molybdenum	95-1	5226	5184	5351	5254	1.65	cps
Molybdenum	96-1	7652	7377	7269	7433	2.66	cps
Molybdenum	97-1	3317	3417	3326	3353	1.65	cps
Molybdenum	98-1	8086	8486	8411	8328	2.56	cps
Neodymium	150-1	149271	151828	147942	149681	1.32	cps
Neodymium	150-2	67014	67536	66967	67172	0.47	cps
Nickel	60-2	3711	3691	3554	3652	2.34	cps
Phosphorus	31-2	2067	1742	1675	1828	11.47	cps
Potassium	39-2	102640	103941	102487	103023	0.78	cps
Rhodium	103-1	6719263	6876984	6887853	6828033	1.38	cps
Rhodium	103-2	3901690	4015319	3812548	3909852	2.60	cps
Scandium	45-1	6695119	6730753	6595655	6673842	1.05	cps
Scandium	45-2	232143	235479	232631	233418	0.77	cps
Selenium	82-1	155	196	7	120	83.05	cps
Selenium	77-2	320	280	333	311	8.92	cps
Selenium	78-2	242	248	224	238	5.25	cps
Silicon	28-1	8614199	8560894	8673656	8616249	0.65	cps
Silver	107-1	417	433	567	472	17.41	cps
Silver	109-1	342	433	500	425	18.70	cps
Sodium	23-2	79969	81469	82282	81240	1.44	cps
Strontium	86-1	16018	17011	17536	16855	4.57	cps
Strontium	88-1	129192	130105	129543	129613	0.36	cps
Sulfur	34-1	338297	336482	334756	336512	0.53	cps
Terbium	159-1	6862123	7108217	6855414	6941918	2.08	cps
Terbium	159-2	4163118	4300402	4167899	4210473	1.85	cps
Thallium	203-1	175	183	150	169	10.24	cps
Thallium	205-1	458	417	492	456	8.25	cps
Tin	118-1	3859	4184	4067	4037	4.08	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-12	Instrumnet Name :	P8
Client Sample ID :	A0BB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:06:50	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	96182	99580	98700	98154	1.80	cps
Uranium	238-1	17170	17179	16820	17056	1.20	cps
Vanadium	51-2	21516	21122	21212	21284	0.97	cps
Ytterbium	172-1	12106	12089	11706	11967	1.89	cps
Ytterbium	172-2	9120	8803	8842	8922	1.94	cps
Ytterbium	176-1	8211	7544	8161	7972	4.66	cps
Ytterbium	176-2	10994	11811	11911	11572	4.35	cps
Yttrium	89-1	15010681	15376200	15605817	15330900	1.96	cps
Yttrium	89-2	2016443	2089039	1920455	2008646	4.21	cps
Zinc	66-2	41999	41675	41106	41593	1.09	cps
Zirconium	90-1	18964	18012	19881	18952	4.93	cps
Zirconium	91-1	4267	4376	4326	4323	1.25	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-13	Instrumnet Name :	P8
Client Sample ID :	A0BC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:09:54	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	601931	593707	600199	598613	0.72	cps
Antimony	121-1	101949	103199	100536	101895	1.31	cps
Arsenic	75-2	1432	1429	1421	1428	0.40	cps
Barium	135-1	1717621	1793892	1663646	1725053	3.79	cps
Barium	137-1	2971102	2912411	2778620	2887377	3.42	cps
Beryllium	9-1	1440	1400	1424	1421	1.42	cps
Bismuth	209-1	3428672	3448881	3471123	3449559	0.62	cps
Bismuth	209-2	2902049	2937509	2949080	2929546	0.84	cps
Boron	10-1	1742	1836	1842	1806	3.10	cps
Boron	11-1	8167	8315	8247	8243	0.90	cps
Bromine	81-1	16958	17810	17850	17539	2.87	cps
Cadmium	111-1	4925	4912	4819	4885	1.19	cps
Cadmium	106-1	3926	4009	3826	3920	2.34	cps
Cadmium	108-1	271	254	275	267	4.14	cps
Calcium	43-1	454070	460651	458633	457785	0.74	cps
Calcium	44-1	7181832	7489996	7645587	7439138	3.17	cps
Carbon	12-1	5776973	5706595	5832449	5772005	1.09	cps
Carbon	12-2	53774	53030	54084	53629	1.01	cps
Chlorine	35-1	32895010	36423019	38310134	35876054	7.66	cps
Chlorine	35-2	277701	282985	295932	285539	3.28	cps
Chromium	52-2	44633	43590	44108	44110	1.18	cps
Cobalt	59-2	20865	21299	21453	21206	1.44	cps
Copper	63-2	342176	340583	340911	341223	0.25	cps
Dysprosium	156-1	13641	13474	13224	13446	1.56	cps
Dysprosium	156-2	7432	7816	7342	7530	3.34	cps
Erbium	164-1	11155	9946	10888	10663	5.96	cps
Erbium	164-2	6858	6472	6775	6702	3.04	cps
Gadolinium	160-1	10921	11430	11313	11222	2.37	cps
Gadolinium	160-2	8096	7976	7896	7989	1.26	cps
Holmium	165-1	6404098	6543573	6407987	6451886	1.23	cps
Holmium	165-2	4253106	4248175	4362643	4287975	1.51	cps
Indium	115-1	6755010	6961790	6763112	6826638	1.72	cps
Indium	115-2	1326100	1319971	1347538	1331203	1.09	cps
Iron	54-2	2175819	2100600	2113039	2129819	1.89	cps
Iron	56-2	37276356	37706123	38494238	37825573	1.63	cps
Iron	57-2	900378	909633	918765	909592	1.01	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-13	Instrumnet Name :	P8
Client Sample ID :	A0BC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:09:54	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1120	1117	1114	0.62	cps
Lead	206-1	5519597	5543642	5683437	5582225	1.58	cps
Lead	207-1	4734296	4793142	4780823	4769421	0.65	cps
Lead	208-1	21699943	22225218	22250796	22058653	1.41	cps
Lithium	6-1	4501159	4505541	4675356	4560686	2.18	cps
Magnesium	24-2	560806	549091	553594	554497	1.07	cps
Manganese	55-2	301754	296512	300106	299457	0.90	cps
Molybdenum	94-1	3534	3526	3584	3548	0.89	cps
Molybdenum	95-1	1875	1925	2059	1953	4.85	cps
Molybdenum	96-1	3117	3317	3334	3256	3.70	cps
Molybdenum	97-1	1225	1342	1283	1283	4.55	cps
Molybdenum	98-1	3200	2884	2900	2995	5.95	cps
Neodymium	150-1	21023	21197	20189	20803	2.59	cps
Neodymium	150-2	9877	9087	9323	9429	4.30	cps
Nickel	60-2	16129	15629	15732	15830	1.67	cps
Phosphorus	31-2	2225	2184	2142	2184	1.91	cps
Potassium	39-2	144487	142237	144695	143806	0.95	cps
Rhodium	103-1	6647976	6818996	6894168	6787047	1.86	cps
Rhodium	103-2	3850145	3954934	3991182	3932087	1.86	cps
Scandium	45-1	6533789	6414902	6542842	6497178	1.10	cps
Scandium	45-2	228627	228525	234831	230661	1.57	cps
Selenium	82-1	47	16	62	42	56.36	cps
Selenium	77-2	40	43	63	49	25.81	cps
Selenium	78-2	89	93	100	94	5.92	cps
Silicon	28-1	19101363	18867701	19319079	19096048	1.18	cps
Silver	107-1	6618	6735	6794	6716	1.33	cps
Silver	109-1	6010	6677	6652	6446	5.87	cps
Sodium	23-2	68855	66100	67916	67624	2.07	cps
Strontium	86-1	294018	290038	298890	294315	1.51	cps
Strontium	88-1	2431232	2432580	2457888	2440567	0.62	cps
Sulfur	34-1	370754	381454	390269	380826	2.57	cps
Terbium	159-1	7006004	6902522	6873111	6927213	1.01	cps
Terbium	159-2	4186969	4247043	4342994	4259002	1.85	cps
Thallium	203-1	375	367	408	383	5.75	cps
Thallium	205-1	875	975	1000	950	6.96	cps
Tin	118-1	58434	59991	60201	59542	1.62	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-13	Instrumnet Name :	P8
Client Sample ID :	A0BC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:09:54	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	588564	607798	592429	596264	1.71	cps
Uranium	238-1	10446	10421	11097	10655	3.59	cps
Vanadium	51-2	46137	45051	44616	45268	1.73	cps
Ytterbium	172-1	3267	3501	3501	3423	3.94	cps
Ytterbium	172-2	2706	2723	2723	2717	0.35	cps
Ytterbium	176-1	2800	2809	2975	2862	3.45	cps
Ytterbium	176-2	7597	7791	8203	7864	3.93	cps
Yttrium	89-1	14155667	14390728	14038696	14195030	1.26	cps
Yttrium	89-2	1838417	1894664	1893180	1875420	1.71	cps
Zinc	66-2	1044770	1032016	1031584	1036123	0.72	cps
Zirconium	90-1	6577	8529	6919	7342	14.20	cps
Zirconium	91-1	1392	1483	1542	1472	5.14	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-14	Instrumnet Name :	P8
Client Sample ID :	A0BC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:12:50	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	715933	699105	707948	707662	1.19	cps
Antimony	121-1	750	825	658	744	11.21	cps
Arsenic	75-2	1073	1044	1062	1060	1.38	cps
Barium	135-1	95714	93565	94614	94631	1.14	cps
Barium	137-1	162024	163340	166001	163789	1.24	cps
Beryllium	9-1	2026	2044	1972	2014	1.86	cps
Bismuth	209-1	3420776	3493541	3446243	3453520	1.07	cps
Bismuth	209-2	2784273	2622310	2781809	2729464	3.40	cps
Boron	10-1	1280	1294	1348	1307	2.75	cps
Boron	11-1	5698	5672	5804	5725	1.22	cps
Bromine	81-1	18010	16517	16988	17172	4.45	cps
Cadmium	111-1	2730	2556	2535	2607	4.11	cps
Cadmium	106-1	3726	3551	3476	3584	3.58	cps
Cadmium	108-1	33	83	50	56	45.83	cps
Calcium	43-1	37217	36944	37071	37077	0.37	cps
Calcium	44-1	634066	628951	629632	630883	0.44	cps
Carbon	12-1	5172775	5085519	5109295	5122529	0.88	cps
Carbon	12-2	47093	47369	47193	47218	0.30	cps
Chlorine	35-1	33696325	36989726	38817468	36501173	7.11	cps
Chlorine	35-2	274739	270959	283945	276548	2.42	cps
Chromium	52-2	62168	62051	62673	62297	0.53	cps
Cobalt	59-2	41417	40665	41002	41028	0.92	cps
Copper	63-2	52359	51219	52681	52086	1.47	cps
Dysprosium	156-1	17245	16703	16411	16786	2.52	cps
Dysprosium	156-2	10137	9874	9734	9915	2.07	cps
Erbium	164-1	14033	13532	13357	13641	2.57	cps
Erbium	164-2	8493	8443	8223	8386	1.71	cps
Gadolinium	160-1	14508	14809	15468	14928	3.29	cps
Gadolinium	160-2	10634	10407	10578	10540	1.12	cps
Holmium	165-1	6602630	6423362	6324566	6450186	2.19	cps
Holmium	165-2	4178001	3865941	4163131	4069024	4.33	cps
Indium	115-1	6832695	6762534	6943166	6846132	1.33	cps
Indium	115-2	1303038	1196999	1267076	1255704	4.29	cps
Iron	54-2	2391474	2381277	2375322	2382691	0.34	cps
Iron	56-2	41722591	42051986	41594201	41789593	0.57	cps
Iron	57-2	1040651	1017143	1047271	1035022	1.53	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-14	Instrumnet Name :	P8
Client Sample ID :	A0BC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:12:50	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1113	1240	1169	5.54	cps
Lead	206-1	34212	33856	34006	34025	0.53	cps
Lead	207-1	28665	28053	28576	28432	1.16	cps
Lead	208-1	134180	132714	134560	133818	0.73	cps
Lithium	6-1	4616939	4694627	4556477	4622681	1.50	cps
Magnesium	24-2	759481	751417	752227	754375	0.59	cps
Manganese	55-2	339342	337478	339780	338867	0.36	cps
Molybdenum	94-1	8378	8962	9187	8842	4.72	cps
Molybdenum	95-1	908	1067	992	989	8.01	cps
Molybdenum	96-1	3292	3275	3267	3278	0.39	cps
Molybdenum	97-1	508	650	608	589	12.36	cps
Molybdenum	98-1	1508	1550	1675	1578	5.50	cps
Neodymium	150-1	27228	27889	26941	27353	1.78	cps
Neodymium	150-2	12616	12212	11959	12262	2.70	cps
Nickel	60-2	20809	21132	20455	20799	1.63	cps
Phosphorus	31-2	1717	1617	1483	1606	7.29	cps
Potassium	39-2	311467	300245	307412	306375	1.85	cps
Rhodium	103-1	6927082	6662216	6793254	6794184	1.95	cps
Rhodium	103-2	3877396	3599347	3675344	3717362	3.87	cps
Scandium	45-1	6678880	6414172	6448346	6513799	2.21	cps
Scandium	45-2	225198	207813	219613	217541	4.08	cps
Selenium	82-1	19	89	-65	14	551.19	cps
Selenium	77-2	67	43	93	68	36.91	cps
Selenium	78-2	111	85	90	95	14.47	cps
Silicon	28-1	10491339	10141779	10176350	10269822	1.88	cps
Silver	107-1	558	517	450	508	10.75	cps
Silver	109-1	525	375	458	453	16.60	cps
Sodium	23-2	87739	85299	85224	86087	1.66	cps
Strontium	86-1	30943	30910	30684	30846	0.46	cps
Strontium	88-1	250686	248840	245882	248469	0.98	cps
Sulfur	34-1	367616	362623	356329	362189	1.56	cps
Terbium	159-1	7290049	6878116	7114817	7094328	2.91	cps
Terbium	159-2	4015177	3815118	3979482	3936592	2.71	cps
Thallium	203-1	583	567	592	581	2.19	cps
Thallium	205-1	1317	1217	1167	1233	6.19	cps
Tin	118-1	3426	3551	3142	3373	6.20	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-14	Instrumnet Name :	P8
Client Sample ID :	A0BC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:12:50	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	772399	759882	768271	766851	0.83	cps
Uranium	238-1	22345	21452	22270	22022	2.25	cps
Vanadium	51-2	63219	62472	62359	62683	0.75	cps
Ytterbium	172-1	4393	5209	4518	4707	9.35	cps
Ytterbium	172-2	3356	3378	3267	3334	1.76	cps
Ytterbium	176-1	3175	3359	3326	3287	2.97	cps
Ytterbium	176-2	7891	7836	7980	7902	0.92	cps
Yttrium	89-1	14649719	14838366	14657367	14715151	0.73	cps
Yttrium	89-2	1872965	1715156	1790415	1792845	4.40	cps
Zinc	66-2	20101	19560	20154	19939	1.65	cps
Zirconium	90-1	22385	22752	22944	22694	1.25	cps
Zirconium	91-1	4701	4876	5276	4951	5.96	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-15	Instrumnet Name :	P8
Client Sample ID :	A0BC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:15:54	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379458	380292	374412	378054	0.84	cps
Antimony	121-1	20274	19489	19523	19762	2.24	cps
Arsenic	75-2	766	730	728	741	2.89	cps
Barium	135-1	113746	114652	111894	113431	1.24	cps
Barium	137-1	198192	194071	201745	198003	1.94	cps
Beryllium	9-1	1182	1142	1156	1160	1.75	cps
Bismuth	209-1	3459943	3443330	3511678	3471651	1.03	cps
Bismuth	209-2	2948035	2928738	2851035	2909269	1.76	cps
Boron	10-1	1682	1818	1930	1810	6.86	cps
Boron	11-1	7677	8189	8347	8071	4.34	cps
Bromine	81-1	17419	17770	16537	17242	3.68	cps
Cadmium	111-1	2770	2565	2571	2635	4.41	cps
Cadmium	106-1	3651	3401	3367	3473	4.46	cps
Cadmium	108-1	75	33	75	61	39.37	cps
Calcium	43-1	44835	44099	44237	44391	0.88	cps
Calcium	44-1	743232	748676	753697	748535	0.70	cps
Carbon	12-1	5753229	5768676	5925163	5815689	1.64	cps
Carbon	12-2	54879	54761	54217	54619	0.65	cps
Chlorine	35-1	31382108	35230392	37767951	34793484	9.24	cps
Chlorine	35-2	266486	272940	277156	272194	1.97	cps
Chromium	52-2	30566	30215	29928	30236	1.06	cps
Cobalt	59-2	24875	24585	23974	24478	1.88	cps
Copper	63-2	100832	102027	100130	100996	0.95	cps
Dysprosium	156-1	18347	18163	17562	18024	2.28	cps
Dysprosium	156-2	11472	10731	11191	11131	3.36	cps
Erbium	164-1	14750	14825	14642	14739	0.63	cps
Erbium	164-2	9323	9420	8960	9234	2.63	cps
Gadolinium	160-1	16619	16202	15651	16157	3.00	cps
Gadolinium	160-2	11555	11762	11895	11737	1.46	cps
Holmium	165-1	6313641	6560088	6793023	6555584	3.66	cps
Holmium	165-2	4253125	4223903	4204489	4227172	0.58	cps
Indium	115-1	6961463	6522408	7131613	6871828	4.57	cps
Indium	115-2	1332760	1309361	1316809	1319643	0.91	cps
Iron	54-2	2379436	2326883	2326227	2344182	1.30	cps
Iron	56-2	41350920	42068208	41670997	41696708	0.86	cps
Iron	57-2	1008052	1024761	1026872	1019895	1.01	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-15	Instrumnet Name :	P8
Client Sample ID :	A0BC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:15:54	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1103	1173	1128	3.50	cps
Lead	206-1	910196	936655	936041	927631	1.63	cps
Lead	207-1	779569	789003	787284	785285	0.64	cps
Lead	208-1	3756126	3798608	3711334	3755356	1.16	cps
Lithium	6-1	4414353	4625557	4763269	4601060	3.82	cps
Magnesium	24-2	450352	443974	449265	447864	0.76	cps
Manganese	55-2	395597	396045	387983	393209	1.15	cps
Molybdenum	94-1	4993	4526	4584	4701	5.41	cps
Molybdenum	95-1	4418	4609	4351	4459	3.01	cps
Molybdenum	96-1	5643	6302	5968	5971	5.52	cps
Molybdenum	97-1	2909	3067	2975	2984	2.66	cps
Molybdenum	98-1	7244	7152	7411	7269	1.80	cps
Neodymium	150-1	33001	32881	33048	32977	0.26	cps
Neodymium	150-2	15039	15229	14338	14868	3.16	cps
Nickel	60-2	9780	9550	9597	9642	1.26	cps
Phosphorus	31-2	1692	1492	1767	1650	8.62	cps
Potassium	39-2	140868	140589	141212	140890	0.22	cps
Rhodium	103-1	6638357	6805732	6957343	6800477	2.35	cps
Rhodium	103-2	3926054	3844019	3941317	3903796	1.34	cps
Scandium	45-1	6494506	6454100	6569185	6505931	0.90	cps
Scandium	45-2	228314	224843	225875	226344	0.79	cps
Selenium	82-1	107	67	53	75	37.21	cps
Selenium	77-2	60	43	83	62	32.29	cps
Selenium	78-2	91	97	107	98	8.22	cps
Silicon	28-1	6732795	7059188	6792622	6861535	2.53	cps
Silver	107-1	808	1083	1092	995	16.21	cps
Silver	109-1	950	792	933	892	9.76	cps
Sodium	23-2	68645	68746	68720	68704	0.08	cps
Strontium	86-1	23437	24438	24063	23979	2.11	cps
Strontium	88-1	194084	190681	194144	192970	1.03	cps
Sulfur	34-1	340657	341720	341475	341284	0.16	cps
Terbium	159-1	7204664	6865985	6923248	6997966	2.59	cps
Terbium	159-2	4266970	4114248	4155636	4178951	1.89	cps
Thallium	203-1	308	350	375	344	9.78	cps
Thallium	205-1	683	825	575	694	18.05	cps
Tin	118-1	300646	298650	296442	298579	0.70	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-15	Instrumnet Name :	P8
Client Sample ID :	A0BC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:15:54	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	423152	405119	401196	409822	2.86	cps
Uranium	238-1	13249	12423	12849	12840	3.22	cps
Vanadium	51-2	41296	41112	40420	40943	1.13	cps
Ytterbium	172-1	4518	4476	4293	4429	2.70	cps
Ytterbium	172-2	3095	3134	3100	3110	0.68	cps
Ytterbium	176-1	3084	2992	3000	3025	1.68	cps
Ytterbium	176-2	8069	8314	8442	8275	2.29	cps
Yttrium	89-1	14968577	14657909	15410706	15012397	2.52	cps
Yttrium	89-2	1900149	1885251	1902094	1895831	0.49	cps
Zinc	66-2	35358	34756	35284	35132	0.93	cps
Zirconium	90-1	5426	5443	5776	5548	3.56	cps
Zirconium	91-1	1208	1233	1067	1170	7.69	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:18:54	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371443	374505	374165	373371	0.45	cps
Antimony	121-1	145911	149245	149092	148083	1.27	cps
Arsenic	75-2	25591	25822	25751	25721	0.46	cps
Barium	135-1	1853856	1829297	1855860	1846338	0.80	cps
Barium	137-1	3152439	3117592	3198220	3156084	1.28	cps
Beryllium	9-1	4360	4422	4384	4388	0.71	cps
Bismuth	209-1	3586377	3431017	3464438	3493944	2.34	cps
Bismuth	209-2	3045337	2974192	2960473	2993334	1.52	cps
Boron	10-1	2136	2100	2358	2198	6.36	cps
Boron	11-1	9799	10254	10109	10054	2.31	cps
Bromine	81-1	18121	18301	18973	18465	2.43	cps
Cadmium	111-1	10624	10285	10277	10395	1.90	cps
Cadmium	106-1	4726	4484	4543	4584	2.75	cps
Cadmium	108-1	892	908	888	896	1.23	cps
Calcium	43-1	197915	198873	200204	198997	0.58	cps
Calcium	44-1	3230737	3345882	3412628	3329749	2.76	cps
Carbon	12-1	8950611	9572395	9276518	9266508	3.36	cps
Carbon	12-2	86597	87904	91048	88516	2.58	cps
Chlorine	35-1	34892093	39041284	41617595	38516991	8.81	cps
Chlorine	35-2	316147	323915	329198	323087	2.03	cps
Chromium	52-2	53480	52941	53553	53325	0.63	cps
Cobalt	59-2	26501	26618	26565	26561	0.22	cps
Copper	63-2	10246792	10395162	10298831	10313595	0.73	cps
Dysprosium	156-1	19982	19548	18880	19470	2.85	cps
Dysprosium	156-2	11965	12322	12292	12193	1.62	cps
Erbium	164-1	15167	14700	14976	14948	1.57	cps
Erbium	164-2	10001	10381	10174	10185	1.87	cps
Gadolinium	160-1	17028	17303	17470	17267	1.29	cps
Gadolinium	160-2	12753	12429	12549	12577	1.30	cps
Holmium	165-1	6409615	6358608	6168866	6312363	2.01	cps
Holmium	165-2	4368591	4348808	4403964	4373788	0.64	cps
Indium	115-1	7260029	6989840	6671240	6973703	4.23	cps
Indium	115-2	1349609	1352208	1342673	1348163	0.37	cps
Iron	54-2	2095765	2146197	2081354	2107772	1.62	cps
Iron	56-2	37269130	38233320	37990844	37831098	1.33	cps
Iron	57-2	922016	925199	916634	921283	0.47	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:18:54	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1057	1173	1125	5.39	cps
Lead	206-1	46508029	45334995	45080979	45641334	1.67	cps
Lead	207-1	38572626	39649009	38530029	38917221	1.63	cps
Lead	208-1	175796384	181494549	175579137	177623357	1.89	cps
Lithium	6-1	4634301	4678841	4775403	4696181	1.54	cps
Magnesium	24-2	190367	191737	189675	190593	0.55	cps
Manganese	55-2	187984	187905	188007	187965	0.03	cps
Molybdenum	94-1	20766	22160	19923	20950	5.39	cps
Molybdenum	95-1	24205	23345	23971	23840	1.86	cps
Molybdenum	96-1	27436	27753	27277	27489	0.88	cps
Molybdenum	97-1	15084	14875	14483	14814	2.06	cps
Molybdenum	98-1	37619	38070	38429	38039	1.07	cps
Neodymium	150-1	31945	31464	30241	31217	2.81	cps
Neodymium	150-2	14922	14007	14525	14485	3.17	cps
Nickel	60-2	29517	30045	29270	29611	1.34	cps
Phosphorus	31-2	8636	8203	8494	8444	2.62	cps
Potassium	39-2	97705	99576	99887	99056	1.19	cps
Rhodium	103-1	6902401	6954330	6718321	6858351	1.81	cps
Rhodium	103-2	4043113	3974992	3981118	3999741	0.94	cps
Scandium	45-1	6654558	6826568	6863451	6781526	1.64	cps
Scandium	45-2	237296	238310	232487	236031	1.32	cps
Selenium	82-1	292	385	208	295	30.06	cps
Selenium	77-2	50	103	80	78	34.37	cps
Selenium	78-2	166	115	162	148	19.21	cps
Silicon	28-1	6565040	7073338	6740275	6792884	3.80	cps
Silver	107-1	10246	10638	10346	10410	1.96	cps
Silver	109-1	9112	10096	10596	9934	7.60	cps
Sodium	23-2	101251	103852	104951	103351	1.84	cps
Strontium	86-1	392008	396527	398930	395822	0.89	cps
Strontium	88-1	3270064	3301142	3398732	3323313	2.02	cps
Sulfur	34-1	456204	477300	479582	471029	2.74	cps
Terbium	159-1	6979495	6899839	6890228	6923187	0.71	cps
Terbium	159-2	4261532	4163209	4209871	4211537	1.17	cps
Thallium	203-1	1884	1825	1959	1889	3.54	cps
Thallium	205-1	4092	4151	4451	4231	4.55	cps
Tin	118-1	280232	282107	276541	279627	1.01	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:18:54	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	336074	346005	340336	340805	1.46	cps
Uranium	238-1	16186	15986	15343	15838	2.78	cps
Vanadium	51-2	140610	139260	141131	140334	0.69	cps
Ytterbium	172-1	4684	4292	4551	4509	4.42	cps
Ytterbium	172-2	3523	3639	3584	3582	1.63	cps
Ytterbium	176-1	3417	3609	3392	3473	3.41	cps
Ytterbium	176-2	8197	8820	8297	8438	3.96	cps
Yttrium	89-1	15220102	14933479	14910849	15021477	1.15	cps
Yttrium	89-2	1949129	1998363	1900266	1949253	2.52	cps
Zinc	66-2	1974226	1957955	1962757	1964980	0.43	cps
Zirconium	90-1	21292	21300	19881	20825	3.92	cps
Zirconium	91-1	4559	4518	4534	4537	0.46	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-17	Instrumnet Name :	P8
Client Sample ID :	A0BC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:21:50	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	606922	602381	601088	603464	0.51	cps
Antimony	121-1	77362	77186	79708	78085	1.80	cps
Arsenic	75-2	1694	1609	1607	1637	3.03	cps
Barium	135-1	947645	963940	980230	963938	1.69	cps
Barium	137-1	1665624	1658415	1670908	1664982	0.38	cps
Beryllium	9-1	1320	1348	1344	1337	1.13	cps
Bismuth	209-1	3523385	3603518	3472784	3533229	1.87	cps
Bismuth	209-2	2913954	2794956	2799707	2836206	2.38	cps
Boron	10-1	1488	1578	1654	1573	5.28	cps
Boron	11-1	7306	7336	7518	7387	1.55	cps
Bromine	81-1	19453	19003	19233	19230	1.17	cps
Cadmium	111-1	3828	3776	3659	3754	2.30	cps
Cadmium	106-1	3759	3734	3601	3698	2.30	cps
Cadmium	108-1	183	221	213	206	9.58	cps
Calcium	43-1	290827	294830	296158	293938	0.94	cps
Calcium	44-1	4987925	4869522	4817400	4891615	1.79	cps
Carbon	12-1	5585516	5728249	5731462	5681742	1.47	cps
Carbon	12-2	51943	52453	51918	52104	0.58	cps
Chlorine	35-1	52242353	60309918	63575612	58709294	9.94	cps
Chlorine	35-2	464425	462970	480554	469316	2.08	cps
Chromium	52-2	38131	37626	37462	37740	0.92	cps
Cobalt	59-2	19073	18379	18759	18737	1.86	cps
Copper	63-2	207365	205206	205196	205922	0.61	cps
Dysprosium	156-1	11722	12156	11680	11853	2.22	cps
Dysprosium	156-2	7162	6785	7142	7030	3.02	cps
Erbium	164-1	9587	9462	8937	9329	3.70	cps
Erbium	164-2	5858	5565	5538	5653	3.14	cps
Gadolinium	160-1	10112	9912	10254	10093	1.70	cps
Gadolinium	160-2	7019	6979	6915	6971	0.75	cps
Holmium	165-1	6494194	6369623	6420938	6428252	0.97	cps
Holmium	165-2	4348697	4114181	4289477	4250785	2.87	cps
Indium	115-1	6811604	7267314	6875852	6984923	3.53	cps
Indium	115-2	1356791	1277206	1322731	1318909	3.03	cps
Iron	54-2	1752517	1760585	1768088	1760397	0.44	cps
Iron	56-2	31125870	30853253	30724942	30901355	0.66	cps
Iron	57-2	768085	754713	761841	761547	0.88	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-17	Instrumnet Name :	P8
Client Sample ID :	A0BC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:21:50	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1300	1147	1203	6.99	cps
Lead	206-1	3831814	4002014	3969683	3934504	2.30	cps
Lead	207-1	3275580	3392466	3382289	3350111	1.93	cps
Lead	208-1	15226602	15616794	15441022	15428139	1.27	cps
Lithium	6-1	4669816	4760619	4490319	4640251	2.96	cps
Magnesium	24-2	407247	404239	407597	406361	0.45	cps
Manganese	55-2	222367	225342	225953	224554	0.85	cps
Molybdenum	94-1	3334	3059	3017	3137	5.49	cps
Molybdenum	95-1	2192	2042	2267	2167	5.29	cps
Molybdenum	96-1	3392	3134	3292	3273	3.98	cps
Molybdenum	97-1	1392	1325	1267	1328	4.71	cps
Molybdenum	98-1	3442	3551	3517	3503	1.58	cps
Neodymium	150-1	19882	19154	20830	19955	4.21	cps
Neodymium	150-2	9053	8990	9297	9113	1.78	cps
Nickel	60-2	13843	13500	13760	13701	1.31	cps
Phosphorus	31-2	1808	2100	1808	1906	8.84	cps
Potassium	39-2	127948	125366	125888	126401	1.08	cps
Rhodium	103-1	6829762	6984317	6619598	6811226	2.69	cps
Rhodium	103-2	3990202	3851895	3874001	3905366	1.90	cps
Scandium	45-1	6866272	6686894	6471616	6674927	2.96	cps
Scandium	45-2	233534	224493	227862	228629	2.00	cps
Selenium	82-1	11	-67	74	6	1134.41	cps
Selenium	77-2	43	47	47	46	4.23	cps
Selenium	78-2	84	73	78	78	7.03	cps
Silicon	28-1	17360733	17463449	17449248	17424477	0.32	cps
Silver	107-1	6718	6518	6502	6580	1.83	cps
Silver	109-1	6260	5951	5610	5940	5.48	cps
Sodium	23-2	74859	73301	76367	74842	2.05	cps
Strontium	86-1	188201	186816	187926	187648	0.39	cps
Strontium	88-1	1570523	1609347	1666572	1615481	2.99	cps
Sulfur	34-1	389474	394728	399920	394707	1.32	cps
Terbium	159-1	6633890	7006621	6793456	6811322	2.75	cps
Terbium	159-2	4312281	4162223	4232316	4235607	1.77	cps
Thallium	203-1	442	508	400	450	12.14	cps
Thallium	205-1	892	967	933	931	4.04	cps
Tin	118-1	44582	44791	46689	45354	2.56	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-17	Instrumnet Name :	P8
Client Sample ID :	A0BC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:21:50	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	646038	658575	647995	650869	1.04	cps
Uranium	238-1	9529	9546	9637	9571	0.61	cps
Vanadium	51-2	39274	38345	38381	38667	1.36	cps
Ytterbium	172-1	2650	2742	3075	2823	7.93	cps
Ytterbium	172-2	1861	2072	1945	1959	5.43	cps
Ytterbium	176-1	2350	2134	2634	2373	10.57	cps
Ytterbium	176-2	7297	7452	7775	7508	3.25	cps
Yttrium	89-1	14467799	14919121	14576760	14654560	1.61	cps
Yttrium	89-2	1959059	1853335	1808983	1873792	4.11	cps
Zinc	66-2	552388	543140	545547	547025	0.88	cps
Zirconium	90-1	4959	6285	5393	5546	12.19	cps
Zirconium	91-1	1033	1317	1158	1170	12.14	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-19	Instrumnet Name :	P8
Client Sample ID :	A0BD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:24:47	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111184	110433	111656	111091	0.56	cps
Antimony	121-1	612467	625036	617332	618278	1.03	cps
Arsenic	75-2	578	587	583	583	0.77	cps
Barium	135-1	3259	2934	3050	3081	5.34	cps
Barium	137-1	5268	5493	5385	5382	2.09	cps
Beryllium	9-1	45711	45834	45132	45559	0.82	cps
Bismuth	209-1	3459924	3512342	3423356	3465207	1.29	cps
Bismuth	209-2	2897633	2844412	2836291	2859446	1.17	cps
Boron	10-1	1426	1334	1288	1349	5.21	cps
Boron	11-1	6122	6362	6246	6243	1.92	cps
Bromine	81-1	18090	17409	16537	17345	4.49	cps
Cadmium	111-1	16053	15879	15734	15889	1.00	cps
Cadmium	106-1	4493	4309	4326	4376	2.32	cps
Cadmium	108-1	825	963	888	892	7.72	cps
Calcium	43-1	9896	10025	10289	10070	1.99	cps
Calcium	44-1	185519	187919	187043	186827	0.65	cps
Carbon	12-1	5082127	5123969	5036810	5080969	0.86	cps
Carbon	12-2	46416	45270	45580	45755	1.30	cps
Chlorine	35-1	34808179	38416099	40652031	37958770	7.77	cps
Chlorine	35-2	289811	290515	290985	290437	0.20	cps
Chromium	52-2	70978	70905	69534	70473	1.15	cps
Cobalt	59-2	204299	205488	206311	205366	0.49	cps
Copper	63-2	117252	119273	118718	118415	0.88	cps
Dysprosium	156-1	433	358	383	392	9.75	cps
Dysprosium	156-2	200	273	233	236	15.59	cps
Erbium	164-1	367	333	267	322	15.80	cps
Erbium	164-2	187	237	163	196	19.16	cps
Gadolinium	160-1	450	408	325	394	16.14	cps
Gadolinium	160-2	330	347	327	334	3.20	cps
Holmium	165-1	6385052	6582788	6420703	6462848	1.63	cps
Holmium	165-2	4168229	4311126	4201312	4226889	1.77	cps
Indium	115-1	6629304	6817614	6887008	6777976	1.97	cps
Indium	115-2	1306536	1326375	1300566	1311159	1.03	cps
Iron	54-2	51883	51571	49825	51093	2.17	cps
Iron	56-2	900058	896789	891485	896111	0.48	cps
Iron	57-2	22490	21717	22585	22264	2.14	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-19	Instrumnet Name :	P8
Client Sample ID :	A0BD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:24:47	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1090	1040	1081	3.47	cps
Lead	206-1	114032	112112	110094	112079	1.76	cps
Lead	207-1	92702	92150	96754	93869	2.68	cps
Lead	208-1	434763	441186	442760	439570	0.96	cps
Lithium	6-1	4425193	4497424	4748745	4557121	3.73	cps
Magnesium	24-2	934791	943094	926457	934781	0.89	cps
Manganese	55-2	4751	4487	4531	4590	3.08	cps
Molybdenum	94-1	7110	7394	7094	7199	2.34	cps
Molybdenum	95-1	242	300	317	286	13.76	cps
Molybdenum	96-1	1358	1492	1417	1422	4.70	cps
Molybdenum	97-1	225	117	158	167	32.79	cps
Molybdenum	98-1	458	567	408	478	16.94	cps
Neodymium	150-1	707	707	707	707	0.00	cps
Neodymium	150-2	290	297	237	274	11.98	cps
Nickel	60-2	1157	1157	1137	1150	1.00	cps
Phosphorus	31-2	342	233	283	286	18.95	cps
Potassium	39-2	1172207	1168293	1162642	1167714	0.41	cps
Rhodium	103-1	6809668	6757345	6736379	6767797	0.56	cps
Rhodium	103-2	3850880	3944222	3845734	3880278	1.43	cps
Scandium	45-1	6199300	6751117	6445778	6465398	4.28	cps
Scandium	45-2	222580	225559	224080	224073	0.66	cps
Selenium	82-1	33	19	70	41	64.00	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	69	61	45	58	20.96	cps
Silicon	28-1	2000736	2041140	2025741	2022539	1.01	cps
Silver	107-1	255079	255819	249141	253346	1.45	cps
Silver	109-1	242585	248849	244194	245209	1.33	cps
Sodium	23-2	2282878	2291877	2272608	2282454	0.42	cps
Strontium	86-1	7852	8002	7677	7844	2.07	cps
Strontium	88-1	50785	50702	51429	50972	0.78	cps
Sulfur	34-1	378728	376459	367551	374246	1.58	cps
Terbium	159-1	6765151	6999313	7071934	6945466	2.31	cps
Terbium	159-2	4205199	4250565	4094357	4183374	1.92	cps
Thallium	203-1	358	367	317	347	7.72	cps
Thallium	205-1	817	708	717	747	8.07	cps
Tin	118-1	1292	1358	1533	1395	8.95	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-19	Instrumnet Name :	P8
Client Sample ID :	A0BD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:24:47	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4267	4417	4109	4265	3.62	cps
Uranium	238-1	433	608	483	508	17.73	cps
Vanadium	51-2	3977	3824	3891	3897	1.97	cps
Ytterbium	172-1	75	125	117	106	25.38	cps
Ytterbium	172-2	44	94	56	65	40.50	cps
Ytterbium	176-1	850	558	817	742	21.53	cps
Ytterbium	176-2	5863	6168	5951	5994	2.62	cps
Yttrium	89-1	13978483	14005605	14151358	14045149	0.66	cps
Yttrium	89-2	1789864	1861653	1852067	1834528	2.12	cps
Zinc	66-2	23650	22752	23813	23405	2.44	cps
Zirconium	90-1	20140	18797	19439	19459	3.45	cps
Zirconium	91-1	4251	4276	4559	4362	3.93	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-01	Instrumnet Name :	P8
Client Sample ID :	A0BB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:27:51	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	549730	549690	555140	551520	0.57	cps
Antimony	121-1	3792	4593	4426	4270	9.89	cps
Arsenic	75-2	885	982	973	947	5.66	cps
Barium	135-1	139957	139965	139238	139720	0.30	cps
Barium	137-1	231538	241528	233154	235407	2.28	cps
Beryllium	9-1	1486	1224	1252	1320	10.89	cps
Bismuth	209-1	3519711	3461722	3386084	3455839	1.94	cps
Bismuth	209-2	2924136	2748990	2915452	2862859	3.45	cps
Boron	10-1	1034	1098	1042	1058	3.30	cps
Boron	11-1	4870	4870	4662	4801	2.50	cps
Bromine	81-1	18441	18421	19725	18862	3.96	cps
Cadmium	111-1	2583	2522	2509	2538	1.56	cps
Cadmium	106-1	3200	3217	3209	3209	0.26	cps
Cadmium	108-1	46	79	71	65	26.58	cps
Calcium	43-1	41604	41893	41120	41539	0.94	cps
Calcium	44-1	699905	711126	710548	707193	0.89	cps
Carbon	12-1	6159617	6340922	6185753	6228764	1.57	cps
Carbon	12-2	58617	55748	56200	56855	2.71	cps
Chlorine	35-1	35625898	39932773	43264155	39607609	9.67	cps
Chlorine	35-2	319595	329338	339566	329499	3.03	cps
Chromium	52-2	25750	25717	25369	25612	0.82	cps
Cobalt	59-2	18198	18619	17855	18224	2.10	cps
Copper	63-2	61563	61814	62226	61868	0.54	cps
Dysprosium	156-1	17704	17721	17595	17673	0.38	cps
Dysprosium	156-2	10231	10301	10371	10301	0.68	cps
Erbium	164-1	13924	13399	13749	13691	1.95	cps
Erbium	164-2	8289	8923	8326	8513	4.18	cps
Gadolinium	160-1	14792	14008	14850	14550	3.23	cps
Gadolinium	160-2	10398	10301	10784	10494	2.44	cps
Holmium	165-1	6502930	6619072	6397967	6506656	1.70	cps
Holmium	165-2	4281663	4030062	4262010	4191245	3.34	cps
Indium	115-1	6895641	6892537	6774403	6854194	1.01	cps
Indium	115-2	1336473	1249540	1325367	1303793	3.63	cps
Iron	54-2	1533832	1470750	1485478	1496686	2.20	cps
Iron	56-2	26995753	26845330	26723778	26854953	0.51	cps
Iron	57-2	668797	668445	659163	665468	0.82	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-01 Instrumnet Name : P8
 Client Sample ID : A0BB4 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 16:27:51 DataFile Name : 093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1320	1167	1163	1217	7.36	cps
Lead	206-1	325257	320875	321076	322403	0.77	cps
Lead	207-1	268717	267307	274737	270254	1.46	cps
Lead	208-1	1239368	1254765	1261096	1251743	0.89	cps
Lithium	6-1	4508129	4352159	4541286	4467192	2.26	cps
Magnesium	24-2	364196	369159	372025	368460	1.07	cps
Manganese	55-2	268721	265153	262189	265354	1.23	cps
Molybdenum	94-1	3200	3350	3284	3278	2.29	cps
Molybdenum	95-1	3217	3125	3367	3237	3.77	cps
Molybdenum	96-1	4059	4251	4176	4162	2.32	cps
Molybdenum	97-1	1750	2050	1942	1914	7.94	cps
Molybdenum	98-1	5693	4926	4568	5062	11.36	cps
Neodymium	150-1	30155	30402	29640	30065	1.29	cps
Neodymium	150-2	13804	13837	13437	13693	1.62	cps
Nickel	60-2	8356	8456	7872	8228	3.79	cps
Phosphorus	31-2	2167	2334	2042	2181	6.71	cps
Potassium	39-2	132253	133481	132436	132724	0.50	cps
Rhodium	103-1	6980072	6955597	6960903	6965524	0.18	cps
Rhodium	103-2	3983306	3689031	4002682	3891673	4.52	cps
Scandium	45-1	6617464	6366089	6254667	6412740	2.90	cps
Scandium	45-2	227877	212490	225592	221986	3.74	cps
Selenium	82-1	-151	59	56	-12	-1020.76	cps
Selenium	77-2	67	53	57	59	11.79	cps
Selenium	78-2	119	87	114	107	16.14	cps
Silicon	28-1	8468593	8421809	8315408	8401937	0.93	cps
Silver	107-1	1700	1233	1333	1422	17.28	cps
Silver	109-1	1333	1283	1208	1275	4.93	cps
Sodium	23-2	47344	46090	46951	46795	1.37	cps
Strontium	86-1	19164	19122	20657	19648	4.45	cps
Strontium	88-1	151580	155776	158021	155126	2.11	cps
Sulfur	34-1	344601	349116	349224	347647	0.76	cps
Terbium	159-1	6741706	6698514	6977591	6805937	2.21	cps
Terbium	159-2	4317519	3948770	4357976	4208088	5.36	cps
Thallium	203-1	375	350	392	372	5.63	cps
Thallium	205-1	950	900	883	911	3.81	cps
Tin	118-1	8861	9537	9495	9298	4.07	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-01	Instrumnet Name :	P8
Client Sample ID :	A0BB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:27:51	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	544802	536181	536553	539179	0.90	cps
Uranium	238-1	13324	12715	13382	13141	2.81	cps
Vanadium	51-2	36273	37245	36647	36722	1.34	cps
Ytterbium	172-1	4609	4117	3759	4162	10.26	cps
Ytterbium	172-2	3050	2945	3239	3078	4.85	cps
Ytterbium	176-1	3259	3159	2934	3117	5.34	cps
Ytterbium	176-2	7741	8064	8720	8175	6.10	cps
Yttrium	89-1	14903102	14048745	14481696	14477848	2.95	cps
Yttrium	89-2	1910540	1746391	1931878	1862936	5.45	cps
Zinc	66-2	48165	49018	48680	48621	0.88	cps
Zirconium	90-1	3717	4101	4284	4034	7.17	cps
Zirconium	91-1	792	933	725	817	13.03	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-02	Instrumnet Name :	P8
Client Sample ID :	A0BB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:30:52	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	441105	431750	431447	434767	1.26	cps
Antimony	121-1	525	542	450	506	9.66	cps
Arsenic	75-2	506	458	462	475	5.60	cps
Barium	135-1	65886	64840	65082	65270	0.84	cps
Barium	137-1	112636	109604	112911	111717	1.64	cps
Beryllium	9-1	2008	2100	2082	2063	2.36	cps
Bismuth	209-1	3407564	3487130	3618900	3504531	3.05	cps
Bismuth	209-2	2935302	2862192	2852021	2883172	1.58	cps
Boron	10-1	914	868	820	867	5.42	cps
Boron	11-1	4212	3972	3956	4046	3.54	cps
Bromine	81-1	16958	16928	17970	17285	3.43	cps
Cadmium	111-1	2312	2503	2569	2461	5.43	cps
Cadmium	106-1	3059	3276	3451	3262	6.02	cps
Cadmium	108-1	54	75	54	61	19.68	cps
Calcium	43-1	40967	41364	40933	41088	0.58	cps
Calcium	44-1	690319	692008	696855	693061	0.49	cps
Carbon	12-1	4828069	4800892	4736029	4788330	0.99	cps
Carbon	12-2	45555	44026	44234	44605	1.86	cps
Chlorine	35-1	51787216	57248655	62073864	57036578	9.02	cps
Chlorine	35-2	439495	436948	438538	438327	0.29	cps
Chromium	52-2	15308	14824	15522	15218	2.35	cps
Cobalt	59-2	17731	17197	16700	17209	3.00	cps
Copper	63-2	37349	37366	35825	36847	2.40	cps
Dysprosium	156-1	38582	40153	41482	40072	3.62	cps
Dysprosium	156-2	24539	24216	24713	24489	1.03	cps
Erbium	164-1	34145	33919	34136	34067	0.38	cps
Erbium	164-2	20910	20469	20930	20770	1.25	cps
Gadolinium	160-1	34880	34378	34696	34651	0.73	cps
Gadolinium	160-2	25424	24780	25448	25217	1.50	cps
Holmium	165-1	6433437	6583005	6616124	6544188	1.49	cps
Holmium	165-2	4280278	4174380	4321691	4258783	1.78	cps
Indium	115-1	6863926	6782666	6833062	6826551	0.60	cps
Indium	115-2	1309320	1291285	1325699	1308768	1.32	cps
Iron	54-2	1959245	1905755	1933667	1932889	1.38	cps
Iron	56-2	35884119	34679772	35059506	35207799	1.75	cps
Iron	57-2	874091	840377	850636	855035	2.02	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-02	Instrumnet Name :	P8
Client Sample ID :	A0BB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:30:52	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1250	1247	1150	1216	4.67	cps
Lead	206-1	36992	37365	36736	37031	0.85	cps
Lead	207-1	29495	30431	29940	29955	1.56	cps
Lead	208-1	141270	142494	142643	142136	0.53	cps
Lithium	6-1	4474679	4447709	4547014	4489801	1.14	cps
Magnesium	24-2	391001	377587	375549	381379	2.20	cps
Manganese	55-2	752144	735713	730636	739498	1.52	cps
Molybdenum	94-1	7169	6960	7019	7049	1.53	cps
Molybdenum	95-1	2725	2859	2542	2709	5.87	cps
Molybdenum	96-1	4351	4484	4267	4367	2.50	cps
Molybdenum	97-1	1800	1542	1625	1656	7.97	cps
Molybdenum	98-1	4034	4276	4367	4226	4.08	cps
Neodymium	150-1	70190	69909	70250	70116	0.26	cps
Neodymium	150-2	31023	31043	30592	30886	0.83	cps
Nickel	60-2	4061	3844	4247	4051	4.98	cps
Phosphorus	31-2	1925	1758	1692	1792	6.71	cps
Potassium	39-2	152162	151472	149477	151037	0.92	cps
Rhodium	103-1	6830738	6578486	7228456	6879226	4.76	cps
Rhodium	103-2	3931165	3856463	3904298	3897309	0.97	cps
Scandium	45-1	6381639	6368334	6356573	6368849	0.20	cps
Scandium	45-2	227763	223263	224339	225122	1.04	cps
Selenium	82-1	57	0	171	76	114.29	cps
Selenium	77-2	147	130	160	146	10.33	cps
Selenium	78-2	139	146	156	147	5.81	cps
Silicon	28-1	11254489	11202302	11147010	11201267	0.48	cps
Silver	107-1	475	583	525	528	10.27	cps
Silver	109-1	517	517	558	531	4.54	cps
Sodium	23-2	82659	83003	83950	83204	0.80	cps
Strontium	86-1	22761	24288	24055	23701	3.47	cps
Strontium	88-1	182493	181642	180241	181459	0.63	cps
Sulfur	34-1	329577	324813	327104	327165	0.73	cps
Terbium	159-1	6662140	6658840	7090320	6803767	3.65	cps
Terbium	159-2	4246879	4169468	4354910	4257086	2.19	cps
Thallium	203-1	258	200	242	233	12.88	cps
Thallium	205-1	425	625	542	531	18.94	cps
Tin	118-1	3200	3334	3259	3264	2.05	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-02	Instrumnet Name :	P8
Client Sample ID :	A0BB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:30:52	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	270487	275309	268922	271573	1.23	cps
Uranium	238-1	20784	21970	22997	21917	5.05	cps
Vanadium	51-2	21984	21840	21526	21783	1.07	cps
Ytterbium	172-1	9804	10588	10071	10154	3.93	cps
Ytterbium	172-2	7274	7536	7447	7419	1.79	cps
Ytterbium	176-1	7102	6552	7010	6888	4.28	cps
Ytterbium	176-2	10404	10716	10543	10554	1.48	cps
Yttrium	89-1	15069283	14952772	15142899	15054984	0.64	cps
Yttrium	89-2	1931873	1899064	1872276	1901071	1.57	cps
Zinc	66-2	27243	27597	26642	27161	1.78	cps
Zirconium	90-1	13966	14591	14708	14422	2.77	cps
Zirconium	91-1	3284	3150	3626	3353	7.31	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-03	Instrumnet Name :	P8
Client Sample ID :	A0BB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:33:54	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	522918	515172	514308	517466	0.92	cps
Antimony	121-1	7852	8344	8194	8130	3.10	cps
Arsenic	75-2	881	839	865	862	2.46	cps
Barium	135-1	377877	372251	379871	376666	1.05	cps
Barium	137-1	633018	652581	645552	643717	1.54	cps
Beryllium	9-1	1824	1844	1836	1834	0.55	cps
Bismuth	209-1	3572188	3402619	3512772	3495860	2.46	cps
Bismuth	209-2	2761621	2863966	2840849	2822145	1.90	cps
Boron	10-1	996	1016	1008	1007	1.00	cps
Boron	11-1	4570	4592	4622	4594	0.57	cps
Bromine	81-1	19353	18882	18331	18856	2.71	cps
Cadmium	111-1	3065	2987	3092	3048	1.79	cps
Cadmium	106-1	3484	3284	3526	3431	3.77	cps
Cadmium	108-1	88	100	108	99	10.64	cps
Calcium	43-1	76989	79179	77928	78032	1.41	cps
Calcium	44-1	1297638	1354569	1307466	1319891	2.31	cps
Carbon	12-1	7357715	7424839	7532895	7438483	1.19	cps
Carbon	12-2	68469	68318	68326	68371	0.12	cps
Chlorine	35-1	36876195	39755773	42638699	39756889	7.25	cps
Chlorine	35-2	310121	314044	325299	316488	2.49	cps
Chromium	52-2	30426	29991	28963	29793	2.52	cps
Cobalt	59-2	23930	24398	23376	23901	2.14	cps
Copper	63-2	111262	110503	109861	110542	0.63	cps
Dysprosium	156-1	27805	28205	29099	28370	2.34	cps
Dysprosium	156-2	17054	16814	17368	17079	1.63	cps
Erbium	164-1	22478	23806	22837	23040	2.98	cps
Erbium	164-2	14611	13821	14264	14232	2.79	cps
Gadolinium	160-1	25033	24598	24490	24707	1.16	cps
Gadolinium	160-2	18032	17855	17648	17845	1.08	cps
Holmium	165-1	6457656	6432406	6445592	6445218	0.20	cps
Holmium	165-2	3965319	4102304	4246217	4104613	3.42	cps
Indium	115-1	6856608	6782077	6845793	6828159	0.59	cps
Indium	115-2	1246695	1281930	1310199	1279608	2.49	cps
Iron	54-2	1847791	1798498	1775565	1807285	2.04	cps
Iron	56-2	33445282	32171411	32107456	32574716	2.32	cps
Iron	57-2	804948	783227	793999	794058	1.37	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-03	Instrumnet Name :	P8
Client Sample ID :	A0BB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:33:54	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	1353	1240	1278	5.12	cps
Lead	206-1	313324	316927	314541	314931	0.58	cps
Lead	207-1	261070	268464	261710	263748	1.55	cps
Lead	208-1	1219070	1222653	1224974	1222232	0.24	cps
Lithium	6-1	4624702	4503423	4480606	4536244	1.71	cps
Magnesium	24-2	465166	463653	459375	462731	0.65	cps
Manganese	55-2	456155	455954	450273	454127	0.74	cps
Molybdenum	94-1	4501	4801	4351	4551	5.04	cps
Molybdenum	95-1	3959	3742	3667	3790	4.00	cps
Molybdenum	96-1	5026	4793	5143	4987	3.58	cps
Molybdenum	97-1	2125	2125	2009	2086	3.23	cps
Molybdenum	98-1	5393	5760	6085	5746	6.03	cps
Neodymium	150-1	51345	52175	51559	51693	0.83	cps
Neodymium	150-2	23918	23411	23007	23445	1.95	cps
Nickel	60-2	10207	10467	10240	10305	1.37	cps
Phosphorus	31-2	2075	1900	2117	2031	5.66	cps
Potassium	39-2	139815	137704	140783	139434	1.13	cps
Rhodium	103-1	6942589	6769771	7072737	6928366	2.19	cps
Rhodium	103-2	3683780	3807368	3898977	3796708	2.84	cps
Scandium	45-1	6376629	6491348	6513046	6460341	1.13	cps
Scandium	45-2	211880	219541	225273	218898	3.07	cps
Selenium	82-1	121	-35	56	47	166.40	cps
Selenium	77-2	107	107	100	104	3.69	cps
Selenium	78-2	98	151	112	120	22.83	cps
Silicon	28-1	8762611	8709246	8991021	8820959	1.70	cps
Silver	107-1	1100	1125	1050	1092	3.50	cps
Silver	109-1	967	933	1058	986	6.56	cps
Sodium	23-2	47077	47345	49679	48034	2.98	cps
Strontium	86-1	50793	51253	50233	50760	1.01	cps
Strontium	88-1	409577	406293	415254	410375	1.10	cps
Sulfur	34-1	327157	327731	334068	329652	1.16	cps
Terbium	159-1	7139260	6962015	6996104	7032460	1.34	cps
Terbium	159-2	4051254	4175928	4234214	4153799	2.25	cps
Thallium	203-1	292	267	300	286	6.06	cps
Thallium	205-1	775	742	725	747	3.41	cps
Tin	118-1	26627	29148	28338	28038	4.59	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-03	Instrumnet Name :	P8
Client Sample ID :	A0BB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:33:54	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	390917	387518	393537	390657	0.77	cps
Uranium	238-1	13800	14217	14742	14253	3.31	cps
Vanadium	51-2	38284	38201	38057	38181	0.30	cps
Ytterbium	172-1	6610	6235	6410	6418	2.92	cps
Ytterbium	172-2	4918	4640	4812	4790	2.93	cps
Ytterbium	176-1	4818	4684	4543	4682	2.94	cps
Ytterbium	176-2	8570	9070	9137	8925	3.47	cps
Yttrium	89-1	14927674	14805374	15055582	14929543	0.84	cps
Yttrium	89-2	1834639	1823651	1873434	1843908	1.42	cps
Zinc	66-2	114311	113346	111314	112990	1.35	cps
Zirconium	90-1	6952	7552	7844	7449	6.11	cps
Zirconium	91-1	1250	1675	1700	1542	16.41	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-04	Instrumnet Name :	P8
Client Sample ID :	A0BB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:36:53	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	649240	645950	645916	647035	0.30	cps
Antimony	121-1	2659	3059	2925	2881	7.07	cps
Arsenic	75-2	751	716	759	742	3.08	cps
Barium	135-1	125619	122502	127239	125120	1.92	cps
Barium	137-1	212022	205604	216564	211397	2.60	cps
Beryllium	9-1	2986	2934	3030	2983	1.61	cps
Bismuth	209-1	3363569	3539744	3532473	3478595	2.87	cps
Bismuth	209-2	2932739	2854524	2847783	2878349	1.64	cps
Boron	10-1	958	1004	880	947	6.62	cps
Boron	11-1	4168	4082	4052	4100	1.47	cps
Bromine	81-1	18171	18251	17669	18030	1.75	cps
Cadmium	111-1	2687	2458	2437	2527	5.49	cps
Cadmium	106-1	3426	3209	3200	3278	3.89	cps
Cadmium	108-1	33	67	58	53	32.87	cps
Calcium	43-1	246630	244715	248791	246712	0.83	cps
Calcium	44-1	4054310	4108985	4240461	4134586	2.31	cps
Carbon	12-1	5049142	5127841	4901700	5026228	2.28	cps
Carbon	12-2	44695	45270	44786	44917	0.69	cps
Chlorine	35-1	29241017	31781746	33893322	31638695	7.36	cps
Chlorine	35-2	231809	229794	237025	232876	1.60	cps
Chromium	52-2	30673	30646	30001	30440	1.25	cps
Cobalt	59-2	32988	33352	32367	32902	1.51	cps
Copper	63-2	61536	61198	60944	61226	0.49	cps
Dysprosium	156-1	26318	27721	25517	26519	4.21	cps
Dysprosium	156-2	15603	15466	15656	15575	0.63	cps
Erbium	164-1	21969	22587	22411	22322	1.43	cps
Erbium	164-2	14385	13964	13854	14068	1.99	cps
Gadolinium	160-1	23488	23012	24648	23716	3.55	cps
Gadolinium	160-2	16968	16938	16434	16780	1.79	cps
Holmium	165-1	6586225	6543483	6460351	6530020	0.98	cps
Holmium	165-2	4345206	4234542	4240269	4273339	1.46	cps
Indium	115-1	6942546	6796599	6816230	6851792	1.16	cps
Indium	115-2	1325827	1304079	1303140	1311015	0.98	cps
Iron	54-2	1952865	1955174	1926919	1944986	0.81	cps
Iron	56-2	34988987	34948865	35256069	35064640	0.48	cps
Iron	57-2	847982	852724	856696	852467	0.51	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-04	Instrumnet Name :	P8
Client Sample ID :	A0BB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:36:53	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1167	1170	1163	1167	0.29	cps
Lead	206-1	75011	75637	77079	75909	1.40	cps
Lead	207-1	64058	62741	61792	62864	1.81	cps
Lead	208-1	292000	292345	292071	292139	0.06	cps
Lithium	6-1	4440791	4549216	4418474	4469494	1.56	cps
Magnesium	24-2	597245	587121	589419	591262	0.90	cps
Manganese	55-2	295904	295951	291115	294323	0.94	cps
Molybdenum	94-1	5885	5268	5568	5574	5.54	cps
Molybdenum	95-1	1558	1250	1442	1417	10.99	cps
Molybdenum	96-1	3209	2667	3125	3000	9.72	cps
Molybdenum	97-1	717	792	792	767	5.65	cps
Molybdenum	98-1	2184	1959	1809	1984	9.52	cps
Neodymium	150-1	40843	41130	41839	41271	1.24	cps
Neodymium	150-2	18132	18924	18306	18454	2.25	cps
Nickel	60-2	12819	12619	12616	12685	0.92	cps
Phosphorus	31-2	2034	2200	2142	2125	3.98	cps
Potassium	39-2	227467	227817	226668	227317	0.26	cps
Rhodium	103-1	6747195	6773417	6766040	6762217	0.20	cps
Rhodium	103-2	3931865	3893184	3872618	3899222	0.77	cps
Scandium	45-1	6452388	6615093	6645071	6570850	1.58	cps
Scandium	45-2	219826	220093	221532	220484	0.42	cps
Selenium	82-1	48	102	63	71	39.14	cps
Selenium	77-2	120	90	83	98	19.98	cps
Selenium	78-2	152	113	119	128	16.41	cps
Silicon	28-1	12866440	13175108	12706155	12915901	1.85	cps
Silver	107-1	583	583	533	567	5.09	cps
Silver	109-1	533	492	383	469	16.49	cps
Sodium	23-2	47377	47269	48013	47553	0.85	cps
Strontium	86-1	153895	150785	156111	153597	1.74	cps
Strontium	88-1	1314462	1301025	1366683	1327390	2.61	cps
Sulfur	34-1	322415	328679	324427	325174	0.98	cps
Terbium	159-1	7026222	7099749	7136504	7087492	0.79	cps
Terbium	159-2	4301460	4227353	4186896	4238569	1.37	cps
Thallium	203-1	483	492	442	472	5.67	cps
Thallium	205-1	1317	1300	1392	1336	3.65	cps
Tin	118-1	4409	4759	4434	4534	4.31	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-04	Instrumnet Name :	P8
Client Sample ID :	A0BB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:36:53	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	772480	779677	767106	773088	0.82	cps
Uranium	238-1	18831	18331	18831	18664	1.55	cps
Vanadium	51-2	43784	43723	43238	43582	0.69	cps
Ytterbium	172-1	7135	7302	7577	7338	3.04	cps
Ytterbium	172-2	5157	5679	5479	5438	4.85	cps
Ytterbium	176-1	5059	5001	5410	5157	4.28	cps
Ytterbium	176-2	8764	9309	9014	9029	3.02	cps
Yttrium	89-1	14623519	15306876	14937805	14956067	2.29	cps
Yttrium	89-2	1864727	1928943	1844606	1879426	2.34	cps
Zinc	66-2	57396	57322	57620	57446	0.27	cps
Zirconium	90-1	13457	13432	13365	13418	0.35	cps
Zirconium	91-1	2809	2892	2500	2734	7.55	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:39:54	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399434	390597	394501	394844	1.12	cps
Antimony	121-1	221709	221648	221996	221784	0.08	cps
Arsenic	75-2	31153	30385	30459	30665	1.38	cps
Barium	135-1	2266537	2272216	2245844	2261532	0.61	cps
Barium	137-1	3718058	3943549	3686797	3782801	3.70	cps
Beryllium	9-1	4608	4746	4790	4715	2.01	cps
Bismuth	209-1	3779889	3789700	3600234	3723274	2.86	cps
Bismuth	209-2	3069378	3087138	2963469	3039995	2.20	cps
Boron	10-1	1778	1912	1924	1871	4.33	cps
Boron	11-1	8299	8759	9059	8706	4.40	cps
Bromine	81-1	18231	18933	18612	18592	1.89	cps
Cadmium	111-1	12500	12280	11748	12176	3.17	cps
Cadmium	106-1	5159	5151	4901	5071	2.90	cps
Cadmium	108-1	908	988	1021	972	5.94	cps
Calcium	43-1	215614	217407	215745	216255	0.46	cps
Calcium	44-1	3537448	3735091	3488597	3587045	3.64	cps
Carbon	12-1	9754968	9950012	9911960	9872314	1.05	cps
Carbon	12-2	92442	90906	92676	92008	1.05	cps
Chlorine	35-1	30731254	34081659	36899553	33904155	9.11	cps
Chlorine	35-2	270916	279477	281463	277285	2.02	cps
Chromium	52-2	52302	52426	51382	52037	1.10	cps
Cobalt	59-2	32881	32992	31649	32507	2.29	cps
Copper	63-2	5301808	5191143	5149094	5214015	1.51	cps
Dysprosium	156-1	17971	18363	18296	18210	1.15	cps
Dysprosium	156-2	11695	11038	11095	11276	3.23	cps
Erbium	164-1	16285	15610	15785	15893	2.21	cps
Erbium	164-2	10397	10071	9654	10041	3.71	cps
Gadolinium	160-1	16644	16628	16477	16583	0.55	cps
Gadolinium	160-2	12152	12289	11532	11991	3.37	cps
Holmium	165-1	6674764	6566689	6349003	6530152	2.54	cps
Holmium	165-2	4340403	4302038	4283455	4308632	0.67	cps
Indium	115-1	6793874	7005167	7017185	6938742	1.81	cps
Indium	115-2	1337032	1321915	1318127	1325692	0.75	cps
Iron	54-2	4387992	4371232	4370688	4376637	0.22	cps
Iron	56-2	79227582	79608830	78142471	78992961	0.96	cps
Iron	57-2	2003229	2056946	1976887	2012354	2.03	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:39:54	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1223	1180	1203	1.82	cps
Lead	206-1	67254414	69454185	65313588	67340729	3.08	cps
Lead	207-1	57912283	58744992	54572336	57076537	3.87	cps
Lead	208-1	264142245	273380930	251603879	263042351	4.16	cps
Lithium	6-1	4531573	4326535	4537071	4465060	2.69	cps
Magnesium	24-2	173803	172651	171916	172790	0.55	cps
Manganese	55-2	214225	211942	210861	212343	0.81	cps
Molybdenum	94-1	32664	31971	32004	32213	1.21	cps
Molybdenum	95-1	31795	30993	30910	31233	1.57	cps
Molybdenum	96-1	36357	38630	37125	37371	3.09	cps
Molybdenum	97-1	20482	19539	19873	19965	2.39	cps
Molybdenum	98-1	49523	50669	49682	49958	1.24	cps
Neodymium	150-1	30121	29620	29038	29593	1.83	cps
Neodymium	150-2	13560	13040	12986	13195	2.40	cps
Nickel	60-2	41664	42333	42005	42001	0.80	cps
Phosphorus	31-2	10429	11171	10913	10838	3.48	cps
Potassium	39-2	112026	110513	111621	111387	0.70	cps
Rhodium	103-1	6900912	6953988	6804054	6886318	1.10	cps
Rhodium	103-2	4085750	3890996	3966381	3981042	2.47	cps
Scandium	45-1	6749784	6698262	6420403	6622816	2.68	cps
Scandium	45-2	235138	228154	234113	232468	1.62	cps
Selenium	82-1	351	311	349	337	6.69	cps
Selenium	77-2	90	67	80	79	14.84	cps
Selenium	78-2	152	145	158	152	4.29	cps
Silicon	28-1	7445846	7502057	7310975	7419626	1.32	cps
Silver	107-1	8495	9070	9412	8992	5.16	cps
Silver	109-1	8144	7928	8294	8122	2.27	cps
Sodium	23-2	117572	119959	115598	117710	1.86	cps
Strontium	86-1	443771	457681	445266	448906	1.70	cps
Strontium	88-1	3734199	3844937	3875538	3818225	1.95	cps
Sulfur	34-1	499219	509590	519332	509380	1.97	cps
Terbium	159-1	7028670	6750210	6857409	6878763	2.04	cps
Terbium	159-2	4313979	4184979	4324380	4274446	1.82	cps
Thallium	203-1	2275	2234	2025	2178	6.15	cps
Thallium	205-1	5085	5243	5043	5123	2.06	cps
Tin	118-1	492923	506404	505320	501549	1.49	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:39:54	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	436462	429359	445779	437200	1.88	cps
Uranium	238-1	16778	15860	17079	16572	3.83	cps
Vanadium	51-2	212913	214663	209143	212240	1.33	cps
Ytterbium	172-1	4751	4718	4909	4793	2.14	cps
Ytterbium	172-2	3734	3762	3623	3706	1.98	cps
Ytterbium	176-1	3592	3476	3542	3537	1.66	cps
Ytterbium	176-2	7947	8770	8331	8349	4.93	cps
Yttrium	89-1	15084496	14716527	15062868	14954630	1.38	cps
Yttrium	89-2	1907415	1890454	1927347	1908405	0.97	cps
Zinc	66-2	2305522	2320235	2316113	2313957	0.33	cps
Zirconium	90-1	39824	40301	41772	40632	2.50	cps
Zirconium	91-1	9011	9295	9120	9142	1.57	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-06	Instrumnet Name :	P8
Client Sample ID :	A0BB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:42:46	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	482772	479187	479099	480353	0.44	cps
Antimony	121-1	3809	3692	3576	3692	3.16	cps
Arsenic	75-2	979	975	943	966	2.04	cps
Barium	135-1	53975	53097	54234	53769	1.11	cps
Barium	137-1	94113	93341	93744	93733	0.41	cps
Beryllium	9-1	1748	1656	1660	1688	3.08	cps
Bismuth	209-1	3115235	3431350	3549223	3365269	6.67	cps
Bismuth	209-2	2890005	2940801	2803235	2878014	2.42	cps
Boron	10-1	942	894	824	887	6.69	cps
Boron	11-1	4088	3812	3862	3920	3.75	cps
Bromine	81-1	18271	18060	17780	18037	1.37	cps
Cadmium	111-1	2360	2667	2456	2494	6.29	cps
Cadmium	106-1	3234	3609	3451	3431	5.49	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Calcium	43-1	39760	39390	39735	39628	0.52	cps
Calcium	44-1	686235	676924	676299	679819	0.82	cps
Carbon	12-1	5183862	5160346	5232928	5192378	0.71	cps
Carbon	12-2	47654	47904	46282	47280	1.85	cps
Chlorine	35-1	35919841	40472787	43354482	39915704	9.39	cps
Chlorine	35-2	313960	318634	323131	318575	1.44	cps
Chromium	52-2	29868	29908	30202	29993	0.61	cps
Cobalt	59-2	20231	20835	20825	20631	1.68	cps
Copper	63-2	38599	38088	38328	38338	0.67	cps
Dysprosium	156-1	19832	19949	19874	19885	0.30	cps
Dysprosium	156-2	12039	12139	12730	12302	3.03	cps
Erbium	164-1	17003	16920	16394	16772	1.97	cps
Erbium	164-2	10468	10534	10408	10470	0.61	cps
Gadolinium	160-1	19172	17737	18388	18433	3.90	cps
Gadolinium	160-2	13437	13080	13187	13234	1.38	cps
Holmium	165-1	5805410	6390894	6332597	6176300	5.22	cps
Holmium	165-2	4272243	4269398	4231402	4257681	0.54	cps
Indium	115-1	6124681	6714879	6664146	6501235	5.03	cps
Indium	115-2	1310230	1323398	1311525	1315051	0.55	cps
Iron	54-2	1513104	1528610	1521838	1521184	0.51	cps
Iron	56-2	27278445	27130919	27415768	27275044	0.52	cps
Iron	57-2	671818	665777	669250	668948	0.45	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-06	Instrumnet Name :	P8
Client Sample ID :	A0BB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:42:46	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1217	1120	1155	4.68	cps
Lead	206-1	75275	78762	73666	75901	3.43	cps
Lead	207-1	64310	66517	60224	63684	5.01	cps
Lead	208-1	298301	306706	285569	296859	3.58	cps
Lithium	6-1	4124606	4498833	4553880	4392439	5.32	cps
Magnesium	24-2	495949	499846	492435	496076	0.75	cps
Manganese	55-2	166043	165333	164580	165319	0.44	cps
Molybdenum	94-1	5985	6202	5618	5935	4.97	cps
Molybdenum	95-1	1900	1809	1717	1809	5.07	cps
Molybdenum	96-1	3626	3034	3300	3320	8.93	cps
Molybdenum	97-1	1275	1167	1175	1206	5.00	cps
Molybdenum	98-1	3075	2875	2867	2939	4.01	cps
Neodymium	150-1	35207	36470	36717	36131	2.24	cps
Neodymium	150-2	16841	16384	16307	16510	1.75	cps
Nickel	60-2	9760	9793	9657	9737	0.73	cps
Phosphorus	31-2	2184	2167	2250	2200	2.00	cps
Potassium	39-2	199618	199998	200665	200094	0.26	cps
Rhodium	103-1	6285567	6919825	6920133	6708508	5.46	cps
Rhodium	103-2	3922273	3903686	3945202	3923720	0.53	cps
Scandium	45-1	5919785	6576834	6505874	6334164	5.69	cps
Scandium	45-2	223075	226142	222288	223835	0.91	cps
Selenium	82-1	87	-20	60	42	131.50	cps
Selenium	77-2	53	57	63	58	8.81	cps
Selenium	78-2	106	106	114	109	4.25	cps
Silicon	28-1	8304573	8328040	8476732	8369782	1.12	cps
Silver	107-1	517	492	533	514	4.08	cps
Silver	109-1	525	492	475	497	5.12	cps
Sodium	23-2	63932	65818	63798	64516	1.75	cps
Strontium	86-1	22911	24221	22661	23264	3.60	cps
Strontium	88-1	189993	183803	191234	188343	2.11	cps
Sulfur	34-1	373431	366306	358572	366103	2.03	cps
Terbium	159-1	6410534	6829158	6804027	6681240	3.51	cps
Terbium	159-2	4170308	4350549	4312008	4277621	2.22	cps
Thallium	203-1	367	342	333	347	5.00	cps
Thallium	205-1	1033	992	842	956	10.55	cps
Tin	118-1	3159	3567	3492	3406	6.38	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-06	Instrumnet Name :	P8
Client Sample ID :	A0BB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:42:46	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	680639	683894	678703	681078	0.39	cps
Uranium	238-1	15184	15493	16061	15579	2.85	cps
Vanadium	51-2	40397	39431	40203	40010	1.28	cps
Ytterbium	172-1	5218	5101	5335	5218	2.24	cps
Ytterbium	172-2	3862	3567	3934	3788	5.13	cps
Ytterbium	176-1	3959	3517	3742	3740	5.91	cps
Ytterbium	176-2	8586	8525	8342	8484	1.50	cps
Yttrium	89-1	13446587	14597451	14878579	14307539	5.30	cps
Yttrium	89-2	1898065	1833299	1899433	1876932	2.01	cps
Zinc	66-2	26518	25410	26532	26153	2.46	cps
Zirconium	90-1	13724	13432	12948	13368	2.93	cps
Zirconium	91-1	2909	3092	2792	2931	5.16	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:45:49	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311635	316126	313497	313753	0.72	cps
Antimony	121-1	14280181	14474460	14238319	14330986	0.88	cps
Arsenic	75-2	8830	8974	8845	8883	0.89	cps
Barium	135-1	2542358	2523043	2479894	2515099	1.27	cps
Barium	137-1	4241902	4225090	4275594	4247529	0.61	cps
Beryllium	9-1	1058	1012	1010	1027	2.64	cps
Bismuth	209-1	3332551	3436627	3485156	3418111	2.28	cps
Bismuth	209-2	2916753	2966741	2850582	2911359	2.00	cps
Boron	10-1	1296	1426	1474	1398	6.58	cps
Boron	11-1	6398	6552	6674	6542	2.11	cps
Bromine	81-1	16487	18371	17850	17569	5.54	cps
Cadmium	111-1	164754	165674	167454	165961	0.83	cps
Cadmium	106-1	21284	19639	19731	20218	4.57	cps
Cadmium	108-1	12481	12552	12677	12570	0.79	cps
Calcium	43-1	1299594	1296675	1304440	1300236	0.30	cps
Calcium	44-1	21183492	20915759	21677989	21259080	1.82	cps
Carbon	12-1	7195144	7300035	7321022	7272067	0.93	cps
Carbon	12-2	66911	66718	69205	67611	2.05	cps
Chlorine	35-1	33536552	36769205	39756119	36687292	8.48	cps
Chlorine	35-2	290021	296847	304111	296993	2.37	cps
Chromium	52-2	39986	39829	38512	39442	2.05	cps
Cobalt	59-2	33960	34345	35073	34459	1.64	cps
Copper	63-2	6174375	6164714	6228135	6189074	0.55	cps
Dysprosium	156-1	9904	9045	9204	9384	4.87	cps
Dysprosium	156-2	5715	5481	5915	5704	3.80	cps
Erbium	164-1	7869	7727	7661	7752	1.37	cps
Erbium	164-2	5134	4918	4868	4973	2.85	cps
Gadolinium	160-1	8128	8161	7744	8011	2.89	cps
Gadolinium	160-2	5958	6021	5991	5990	0.53	cps
Holmium	165-1	6348333	6487610	6287070	6374338	1.61	cps
Holmium	165-2	4361941	4234764	4283714	4293473	1.49	cps
Indium	115-1	6690231	6742885	6904701	6779272	1.65	cps
Indium	115-2	1325579	1306245	1315154	1315659	0.74	cps
Iron	54-2	8057867	8061788	8096461	8072039	0.26	cps
Iron	56-2	148530703	146353059	146666376	147183379	0.80	cps
Iron	57-2	3676793	3674713	3675899	3675802	0.03	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:45:49	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1210	1100	1172	5.34	cps
Lead	206-1	56738018	56805282	57251158	56931486	0.49	cps
Lead	207-1	44531611	44787704	45487255	44935523	1.10	cps
Lead	208-1	210687587	213627985	213876405	212730659	0.83	cps
Lithium	6-1	4379182	4564511	4471768	4471820	2.07	cps
Magnesium	24-2	1084560	1095524	1063908	1081331	1.48	cps
Manganese	55-2	585366	588770	592885	589007	0.64	cps
Molybdenum	94-1	7752	7502	7719	7658	1.77	cps
Molybdenum	95-1	6343	6327	6618	6429	2.55	cps
Molybdenum	96-1	10463	11063	10413	10646	3.40	cps
Molybdenum	97-1	4326	4084	3967	4126	4.43	cps
Molybdenum	98-1	10413	10037	10137	10196	1.91	cps
Neodymium	150-1	15402	14862	15750	15338	2.92	cps
Neodymium	150-2	6648	6979	6768	6798	2.46	cps
Nickel	60-2	24929	24855	24591	24792	0.72	cps
Phosphorus	31-2	2309	2167	1575	2017	19.29	cps
Potassium	39-2	134019	134836	134522	134459	0.31	cps
Rhodium	103-1	6833253	6923796	6851550	6869533	0.70	cps
Rhodium	103-2	3934928	3794556	3917408	3882297	1.97	cps
Scandium	45-1	6397625	6328433	6345977	6357345	0.57	cps
Scandium	45-2	227569	226309	225968	226615	0.37	cps
Selenium	82-1	123	127	205	152	30.37	cps
Selenium	77-2	63	37	57	52	26.57	cps
Selenium	78-2	80	100	96	92	11.50	cps
Silicon	28-1	11072954	11099776	11402891	11191874	1.64	cps
Silver	107-1	9403	9403	9387	9398	0.10	cps
Silver	109-1	8495	9003	8695	8731	2.94	cps
Sodium	23-2	148063	153065	149049	150059	1.77	cps
Strontium	86-1	894434	886501	914350	898428	1.60	cps
Strontium	88-1	7694853	7722513	7753624	7723663	0.38	cps
Sulfur	34-1	514031	531483	538420	527978	2.38	cps
Terbium	159-1	6986385	6932205	6919984	6946191	0.51	cps
Terbium	159-2	4118591	4209432	4138062	4155362	1.15	cps
Thallium	203-1	717	692	625	678	6.99	cps
Thallium	205-1	1625	1742	1733	1700	3.83	cps
Tin	118-1	500121	491375	492215	494571	0.98	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:45:49	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	304078	304075	309734	305962	1.07	cps
Uranium	238-1	11164	10163	9879	10402	6.49	cps
Vanadium	51-2	34408	35437	34642	34829	1.55	cps
Ytterbium	172-1	2767	2784	2742	2764	0.76	cps
Ytterbium	172-2	2072	2028	1817	1972	6.92	cps
Ytterbium	176-1	2384	2200	2009	2197	8.54	cps
Ytterbium	176-2	7391	7452	7335	7393	0.79	cps
Yttrium	89-1	14131293	14626430	14099221	14285648	2.07	cps
Yttrium	89-2	1849238	1870794	1939590	1886541	2.50	cps
Zinc	66-2	12949605	13027293	13006595	12994498	0.31	cps
Zirconium	90-1	11021	10546	10763	10777	2.21	cps
Zirconium	91-1	2200	2267	2342	2270	3.12	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:48:43	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330366	328356	326841	328521	0.54	cps
Antimony	121-1	14865941	14557957	14682495	14702131	1.05	cps
Arsenic	75-2	9410	9311	9261	9327	0.81	cps
Barium	135-1	2900019	2965149	2847953	2904374	2.02	cps
Barium	137-1	4875255	4921735	4811159	4869383	1.14	cps
Beryllium	9-1	1070	1040	1014	1041	2.69	cps
Bismuth	209-1	3290667	3466960	3318382	3358670	2.82	cps
Bismuth	209-2	2711912	2848374	2985250	2848512	4.80	cps
Boron	10-1	1472	1634	1524	1543	5.36	cps
Boron	11-1	6810	7250	7394	7152	4.26	cps
Bromine	81-1	18481	18231	18782	18498	1.49	cps
Cadmium	111-1	195463	198817	190095	194792	2.26	cps
Cadmium	106-1	23579	24314	22185	23359	4.63	cps
Cadmium	108-1	14741	14537	14316	14531	1.46	cps
Calcium	43-1	1321154	1328449	1264592	1304732	2.68	cps
Calcium	44-1	21123374	21322131	20361483	20935663	2.42	cps
Carbon	12-1	7653380	7697045	7815651	7722025	1.09	cps
Carbon	12-2	72822	73367	72789	72993	0.44	cps
Chlorine	35-1	33286130	36332792	37674058	35764327	6.29	cps
Chlorine	35-2	281276	284999	287810	284695	1.15	cps
Chromium	52-2	40497	39819	39451	39922	1.33	cps
Cobalt	59-2	40909	40360	40127	40465	0.99	cps
Copper	63-2	8517801	8565027	8588241	8557023	0.42	cps
Dysprosium	156-1	9637	9595	9604	9612	0.23	cps
Dysprosium	156-2	6171	6185	5915	6090	2.50	cps
Erbium	164-1	8603	7861	7477	7980	7.17	cps
Erbium	164-2	5291	5084	5068	5148	2.42	cps
Gadolinium	160-1	8553	8561	7961	8358	4.12	cps
Gadolinium	160-2	6518	6418	6048	6328	3.91	cps
Holmium	165-1	6326285	6072078	6271515	6223293	2.15	cps
Holmium	165-2	3993691	4281867	4243261	4172940	3.75	cps
Indium	115-1	6743357	6769751	6618011	6710373	1.21	cps
Indium	115-2	1253193	1299404	1316151	1289583	2.53	cps
Iron	54-2	7367714	7032114	7182234	7194021	2.34	cps
Iron	56-2	132701742	132891142	131316217	132303034	0.65	cps
Iron	57-2	3280837	3405058	3266597	3317497	2.30	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:48:43	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1217	1133	1127	1159	4.33	cps
Lead	206-1	86274327	84675527	78520305	83156719	4.92	cps
Lead	207-1	63379317	64853124	59808287	62680243	4.14	cps
Lead	208-1	308615681	314102521	293883462	305533888	3.42	cps
Lithium	6-1	4429461	4402636	4374403	4402167	0.63	cps
Magnesium	24-2	1086638	1092300	1064551	1081163	1.36	cps
Manganese	55-2	607144	598263	601923	602443	0.74	cps
Molybdenum	94-1	7861	7477	7260	7533	4.04	cps
Molybdenum	95-1	6843	6944	6677	6821	1.98	cps
Molybdenum	96-1	9787	9812	10046	9882	1.44	cps
Molybdenum	97-1	3834	4451	3984	4090	7.87	cps
Molybdenum	98-1	10821	10463	10129	10471	3.31	cps
Neodymium	150-1	15583	15422	15970	15658	1.80	cps
Neodymium	150-2	7409	7215	7432	7352	1.62	cps
Nickel	60-2	27380	26959	26638	26992	1.38	cps
Phosphorus	31-2	2142	1959	1892	1997	6.48	cps
Potassium	39-2	136079	137122	134463	135888	0.99	cps
Rhodium	103-1	6822128	6785381	6616329	6741279	1.63	cps
Rhodium	103-2	3617287	3881580	3872863	3790577	3.96	cps
Scandium	45-1	6477468	6462577	6357457	6432501	1.02	cps
Scandium	45-2	217015	228482	228074	224524	2.90	cps
Selenium	82-1	177	245	223	215	16.00	cps
Selenium	77-2	60	33	47	47	28.58	cps
Selenium	78-2	94	97	104	98	5.22	cps
Silicon	28-1	10170029	10331612	9958515	10153385	1.84	cps
Silver	107-1	12489	12423	11038	11983	6.84	cps
Silver	109-1	11313	11672	10763	11249	4.07	cps
Sodium	23-2	132524	133928	132407	132953	0.64	cps
Strontium	86-1	869657	858858	829634	852716	2.43	cps
Strontium	88-1	7474150	7081030	7154050	7236410	2.89	cps
Sulfur	34-1	576428	579302	578539	578090	0.26	cps
Terbium	159-1	6723446	6589901	6558858	6624068	1.32	cps
Terbium	159-2	3997220	4194213	4166037	4119157	2.59	cps
Thallium	203-1	750	733	717	733	2.27	cps
Thallium	205-1	1775	1784	1642	1734	4.59	cps
Tin	118-1	1553208	1541555	1479095	1524619	2.61	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:48:43	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	312963	315709	312159	313610	0.59	cps
Uranium	238-1	9320	9345	9687	9451	2.17	cps
Vanadium	51-2	39137	39017	38151	38768	1.39	cps
Ytterbium	172-1	2575	2400	2700	2559	5.89	cps
Ytterbium	172-2	2017	2006	2028	2017	0.55	cps
Ytterbium	176-1	2259	2442	2300	2334	4.12	cps
Ytterbium	176-2	6624	7547	7452	7208	7.04	cps
Yttrium	89-1	14655097	13987842	14487864	14376934	2.41	cps
Yttrium	89-2	1758126	1843757	1855538	1819140	2.92	cps
Zinc	66-2	15665214	15454142	15395273	15504876	0.92	cps
Zirconium	90-1	10563	11163	10454	10727	3.56	cps
Zirconium	91-1	2100	2609	2267	2325	11.15	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LX5	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 16:51:38	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59561	60309	59678	59849	0.67	cps
Antimony	121-1	2753176	2707865	2748695	2736579	0.91	cps
Arsenic	75-2	1738	1716	1690	1715	1.40	cps
Barium	135-1	462305	465256	465182	464248	0.36	cps
Barium	137-1	786557	811632	813929	804039	1.89	cps
Beryllium	9-1	210	236	254	233	9.48	cps
Bismuth	209-1	3201270	3249839	3360344	3270484	2.49	cps
Bismuth	209-2	2920262	2819517	2875579	2871786	1.76	cps
Boron	10-1	792	812	754	786	3.75	cps
Boron	11-1	3878	3872	3790	3846	1.28	cps
Bromine	81-1	17569	17529	17038	17379	1.70	cps
Cadmium	111-1	33743	34379	34678	34267	1.39	cps
Cadmium	106-1	6985	6552	7127	6888	4.35	cps
Cadmium	108-1	2425	2371	2329	2375	2.02	cps
Calcium	43-1	245777	246990	246469	246412	0.25	cps
Calcium	44-1	4025584	4151391	4051786	4076254	1.63	cps
Carbon	12-1	5184854	5301931	5084664	5190483	2.10	cps
Carbon	12-2	46206	46483	47301	46664	1.22	cps
Chlorine	35-1	16506760	16272257	16175170	16318062	1.04	cps
Chlorine	35-2	106868	103242	101756	103955	2.53	cps
Chromium	52-2	8453	8513	8166	8377	2.21	cps
Cobalt	59-2	6775	6632	6625	6677	1.27	cps
Copper	63-2	1186218	1169851	1178058	1178042	0.69	cps
Dysprosium	156-1	1600	1575	1683	1620	3.50	cps
Dysprosium	156-2	983	1180	1113	1092	9.16	cps
Erbium	164-1	1350	1608	1525	1495	8.82	cps
Erbium	164-2	850	903	1023	926	9.59	cps
Gadolinium	160-1	1358	1500	1692	1517	11.03	cps
Gadolinium	160-2	1140	1193	1167	1167	2.29	cps
Holmium	165-1	6048872	6046267	6246897	6114012	1.88	cps
Holmium	165-2	4491298	4311772	4230183	4344418	3.07	cps
Indium	115-1	6638248	6837062	6618683	6697998	1.80	cps
Indium	115-2	1355710	1299401	1307983	1321031	2.30	cps
Iron	54-2	1552539	1552723	1569742	1558335	0.63	cps
Iron	56-2	28268480	27892802	27833064	27998115	0.84	cps
Iron	57-2	688534	674279	680667	681160	1.05	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LX5	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 16:51:38	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	1107	1150	1117	2.65	cps
Lead	206-1	10786747	10318158	10938725	10681210	3.03	cps
Lead	207-1	8332577	8478504	8534559	8448547	1.23	cps
Lead	208-1	39439215	40096785	40154097	39896699	1.00	cps
Lithium	6-1	4210901	4209899	4626058	4348953	5.52	cps
Magnesium	24-2	207672	204448	205342	205821	0.81	cps
Manganese	55-2	111834	112815	111129	111926	0.76	cps
Molybdenum	94-1	1642	1767	1558	1656	6.33	cps
Molybdenum	95-1	1133	1358	1433	1308	11.93	cps
Molybdenum	96-1	2159	2067	2100	2109	2.20	cps
Molybdenum	97-1	767	842	767	792	5.47	cps
Molybdenum	98-1	2042	1725	2275	2014	13.71	cps
Neodymium	150-1	3180	2834	2867	2960	6.46	cps
Neodymium	150-2	1267	1363	1323	1318	3.69	cps
Nickel	60-2	4831	4861	4684	4792	1.97	cps
Phosphorus	31-2	683	633	575	631	8.60	cps
Potassium	39-2	42872	41694	42889	42485	1.61	cps
Rhodium	103-1	6706460	6624904	6707127	6679497	0.71	cps
Rhodium	103-2	4022442	3777035	3870483	3889987	3.18	cps
Scandium	45-1	6206809	6359029	6196241	6254026	1.46	cps
Scandium	45-2	228812	217104	220020	221979	2.75	cps
Selenium	82-1	-18	8	19	3	617.40	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	60	71	54	62	13.98	cps
Silicon	28-1	2705798	2822635	2722575	2750336	2.30	cps
Silver	107-1	1692	1984	1900	1859	8.08	cps
Silver	109-1	1817	1909	1667	1797	6.79	cps
Sodium	23-2	42755	42237	41133	42042	1.97	cps
Strontium	86-1	173971	175043	172537	173850	0.72	cps
Strontium	88-1	1446363	1470403	1497235	1471334	1.73	cps
Sulfur	34-1	461179	465947	463967	463698	0.52	cps
Terbium	159-1	6684733	6559946	6695395	6646691	1.13	cps
Terbium	159-2	4448361	4138300	4133810	4240157	4.25	cps
Thallium	203-1	200	192	225	206	8.44	cps
Thallium	205-1	375	417	475	422	11.90	cps
Tin	118-1	100176	98615	99596	99462	0.79	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LX5	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 16:51:38	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	57425	58244	58353	58007	0.87	cps
Uranium	238-1	2084	2150	1867	2034	7.29	cps
Vanadium	51-2	6738	6688	6705	6711	0.38	cps
Ytterbium	172-1	458	475	533	489	8.06	cps
Ytterbium	172-2	378	411	389	393	4.32	cps
Ytterbium	176-1	967	983	1000	983	1.69	cps
Ytterbium	176-2	6113	6146	6513	6257	3.55	cps
Yttrium	89-1	13499020	13787780	13785264	13690688	1.21	cps
Yttrium	89-2	1924057	1752945	1846634	1841212	4.65	cps
Zinc	66-2	2536447	2487323	2542553	2522107	1.20	cps
Zirconium	90-1	2434	2334	2450	2406	2.62	cps
Zirconium	91-1	592	692	492	592	16.90	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-09 Instrumnet Name : P8
 Client Sample ID : A0BC0S Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 16:54:32 DataFile Name : 102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375977	373832	371179	373663	0.64	cps
Antimony	121-1	14535713	14776125	14575371	14629070	0.88	cps
Arsenic	75-2	11517	11381	11423	11440	0.61	cps
Barium	135-1	2289005	2339741	2233744	2287497	2.32	cps
Barium	137-1	3783256	3853475	3921980	3852904	1.80	cps
Beryllium	9-1	19159	18768	19185	19037	1.23	cps
Bismuth	209-1	3636939	3410319	3336851	3461370	4.52	cps
Bismuth	209-2	2958561	2996998	2923652	2959737	1.24	cps
Boron	10-1	1608	1476	1466	1516	5.23	cps
Boron	11-1	6738	6788	6974	6834	1.82	cps
Bromine	81-1	18441	19193	19233	18956	2.35	cps
Cadmium	111-1	187456	183491	183844	184930	1.19	cps
Cadmium	106-1	23805	22870	23195	23290	2.04	cps
Cadmium	108-1	14212	14579	14487	14426	1.32	cps
Calcium	43-1	1660329	1688464	1684935	1677909	0.91	cps
Calcium	44-1	27029626	27526830	27333840	27296765	0.92	cps
Carbon	12-1	8260409	8077876	8261190	8199825	1.29	cps
Carbon	12-2	75888	75772	76768	76143	0.72	cps
Chlorine	35-1	26718106	31011627	34237123	30655618	12.30	cps
Chlorine	35-2	270579	279782	286783	279048	2.91	cps
Chromium	52-2	123061	122627	122120	122603	0.38	cps
Cobalt	59-2	372831	376316	372978	374041	0.53	cps
Copper	63-2	7172636	7081345	7089546	7114509	0.71	cps
Dysprosium	156-1	10246	10204	9837	10096	2.23	cps
Dysprosium	156-2	6262	6198	6355	6272	1.26	cps
Erbium	164-1	8995	8736	9112	8948	2.15	cps
Erbium	164-2	5595	5431	5328	5451	2.47	cps
Gadolinium	160-1	8945	9404	9012	9120	2.72	cps
Gadolinium	160-2	6652	6865	6435	6651	3.23	cps
Holmium	165-1	6362732	6448848	6557338	6456306	1.51	cps
Holmium	165-2	4393731	4384550	4334954	4371078	0.72	cps
Indium	115-1	6953190	6999135	6853718	6935348	1.07	cps
Indium	115-2	1354129	1344944	1335782	1344952	0.68	cps
Iron	54-2	7961197	7758444	7998078	7905906	1.63	cps
Iron	56-2	146596276	141126528	141778942	143167249	2.09	cps
Iron	57-2	3654020	3571119	3580141	3601760	1.26	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:54:32	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1077	1130	1137	5.60	cps
Lead	206-1	43682944	41807294	43509843	43000027	2.41	cps
Lead	207-1	35471717	33551427	33698159	34240435	3.12	cps
Lead	208-1	168221027	163152765	159928834	163767542	2.55	cps
Lithium	6-1	4616251	4343332	4487825	4482469	3.05	cps
Magnesium	24-2	1312804	1297696	1304461	1304987	0.58	cps
Manganese	55-2	706419	702157	695993	701523	0.75	cps
Molybdenum	94-1	7652	8278	8278	8069	4.47	cps
Molybdenum	95-1	5885	6043	6393	6107	4.26	cps
Molybdenum	96-1	9779	9929	9637	9781	1.49	cps
Molybdenum	97-1	3434	3626	3442	3501	3.10	cps
Molybdenum	98-1	9203	9237	9011	9150	1.33	cps
Neodymium	150-1	16637	17098	17225	16987	1.82	cps
Neodymium	150-2	8156	7856	7716	7909	2.84	cps
Nickel	60-2	118583	118499	119279	118787	0.36	cps
Phosphorus	31-2	1792	2184	2125	2034	10.39	cps
Potassium	39-2	156138	155844	153948	155310	0.77	cps
Rhodium	103-1	7039036	6662541	6806091	6835889	2.78	cps
Rhodium	103-2	4041450	4003014	3924899	3989788	1.49	cps
Scandium	45-1	6379253	6522814	6453792	6451953	1.11	cps
Scandium	45-2	228951	229641	226658	228417	0.68	cps
Selenium	82-1	1632	1755	1760	1716	4.24	cps
Selenium	77-2	87	97	130	104	21.72	cps
Selenium	78-2	273	289	301	288	4.88	cps
Silicon	28-1	14395608	13975666	13910138	14093804	1.87	cps
Silver	107-1	78223	77066	76161	77150	1.34	cps
Silver	109-1	74721	77795	75332	75949	2.14	cps
Sodium	23-2	211500	210851	211832	211394	0.24	cps
Strontium	86-1	1021281	1016064	1012841	1016729	0.42	cps
Strontium	88-1	8852520	8632787	8711657	8732321	1.27	cps
Sulfur	34-1	584119	587778	583982	585293	0.37	cps
Terbium	159-1	6957971	6951208	7031898	6980359	0.64	cps
Terbium	159-2	4301971	4342757	4326698	4323808	0.48	cps
Thallium	203-1	24666	24925	24440	24677	0.98	cps
Thallium	205-1	56817	59153	60936	58969	3.50	cps
Tin	118-1	551916	553461	537131	547503	1.65	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 16:54:32	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	339819	334774	338894	337829	0.79	cps
Uranium	238-1	15009	15084	14517	14870	2.07	cps
Vanadium	51-2	196736	195548	198575	196953	0.77	cps
Ytterbium	172-1	2967	2834	3050	2950	3.71	cps
Ytterbium	172-2	2400	2189	2350	2313	4.77	cps
Ytterbium	176-1	2367	2517	2267	2384	5.28	cps
Ytterbium	176-2	7608	7552	7936	7699	2.69	cps
Yttrium	89-1	14479492	14494377	14345400	14439756	0.57	cps
Yttrium	89-2	1944895	1942130	1857744	1914923	2.59	cps
Zinc	66-2	18002490	17471508	17453966	17642655	1.77	cps
Zirconium	90-1	13323	13490	13282	13365	0.83	cps
Zirconium	91-1	3025	3142	3225	3131	3.21	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCV062 Instrumnet Name : P8
 Client Sample ID : CCV062 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 17:15:17 DataFile Name : 107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2221475	2189212	2170195	2193627	1.18	cps
Antimony	121-1	2111010	2131026	2124398	2122145	0.48	cps
Arsenic	75-2	78028	78319	77138	77829	0.79	cps
Barium	135-1	2772760	2772689	2767869	2771106	0.10	cps
Barium	137-1	4618747	4596058	4639949	4618251	0.48	cps
Beryllium	9-1	859564	858852	865504	861307	0.42	cps
Bismuth	209-1	3523659	3655956	3505248	3561621	2.31	cps
Bismuth	209-2	2712669	2768267	2701584	2727507	1.31	cps
Boron	10-1	84244	89158	92510	88638	4.69	cps
Boron	11-1	387241	403138	416272	402217	3.61	cps
Bromine	81-1	15805	15885	17028	16240	4.21	cps
Cadmium	111-1	519613	528487	519689	522596	0.98	cps
Cadmium	106-1	62300	61806	63004	62370	0.97	cps
Cadmium	108-1	40915	40639	40986	40847	0.45	cps
Calcium	43-1	4830278	4802694	4891130	4841367	0.93	cps
Calcium	44-1	75406562	78188447	76147417	76580808	1.88	cps
Carbon	12-1	6353319	6740486	6753818	6615875	3.44	cps
Carbon	12-2	65196	66802	67087	66362	1.54	cps
Chlorine	35-1	1714633	1713891	1706731	1711751	0.25	cps
Chlorine	35-2	10120	10337	9837	10098	2.48	cps
Chromium	52-2	845349	829850	832790	835996	0.98	cps
Cobalt	59-2	1515671	1500523	1499152	1505115	0.61	cps
Copper	63-2	11142433	10910382	11075728	11042848	1.08	cps
Dysprosium	156-1	400	550	650	533	23.59	cps
Dysprosium	156-2	333	323	230	296	19.28	cps
Erbium	164-1	217	192	167	192	13.04	cps
Erbium	164-2	107	93	137	112	19.78	cps
Gadolinium	160-1	508	442	433	461	8.92	cps
Gadolinium	160-2	340	393	373	369	7.30	cps
Holmium	165-1	6991880	7213076	6815216	7006724	2.85	cps
Holmium	165-2	4275993	4470074	4261585	4335884	2.69	cps
Indium	115-1	6789987	6699971	6826017	6771992	0.96	cps
Indium	115-2	1224193	1238777	1218690	1227220	0.85	cps
Iron	54-2	8742048	8582884	8858840	8727924	1.59	cps
Iron	56-2	157742898	160624331	158893754	159086994	0.91	cps
Iron	57-2	3986598	3968588	3944156	3966447	0.54	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:15:17	DataFile Name :	107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1080	1127	1098	2.30	cps
Lead	206-1	6162439	6340964	6066639	6190014	2.25	cps
Lead	207-1	5500416	5437483	5366593	5434831	1.23	cps
Lead	208-1	24447464	24914214	24376152	24579277	1.19	cps
Lithium	6-1	4415532	4470809	4370960	4419100	1.13	cps
Magnesium	24-2	31928822	31600779	31454054	31661218	0.77	cps
Manganese	55-2	4147948	4114961	4254258	4172389	1.74	cps
Molybdenum	94-1	9724487	9599036	9689345	9670956	0.67	cps
Molybdenum	95-1	14045708	13973436	14184903	14068016	0.76	cps
Molybdenum	96-1	15301281	15631783	15248970	15394011	1.35	cps
Molybdenum	97-1	8670265	8538441	8657316	8622007	0.84	cps
Molybdenum	98-1	22778662	22275908	22544115	22532895	1.12	cps
Neodymium	150-1	460	293	353	369	22.88	cps
Neodymium	150-2	140	90	97	109	24.93	cps
Nickel	60-2	389896	390673	384030	388200	0.94	cps
Phosphorus	31-2	22034	21859	22209	22034	0.80	cps
Potassium	39-2	12056487	12010637	12091566	12052896	0.34	cps
Rhodium	103-1	6627146	6388142	6447294	6487527	1.92	cps
Rhodium	103-2	3573723	3442522	3537457	3517900	1.93	cps
Scandium	45-1	6335633	6281852	6285277	6300921	0.48	cps
Scandium	45-2	203722	205278	204871	204624	0.39	cps
Selenium	82-1	45546	45842	45611	45666	0.34	cps
Selenium	77-2	1423	1470	1563	1486	4.80	cps
Selenium	78-2	5248	5272	5138	5219	1.36	cps
Silicon	28-1	3084688	3327537	3303760	3238662	4.13	cps
Silver	107-1	2959368	2890658	3063504	2971177	2.93	cps
Silver	109-1	2805920	2861871	2763239	2810343	1.76	cps
Sodium	23-2	62969160	61287926	62396981	62218022	1.37	cps
Strontium	86-1	8951010	9105690	8643581	8900094	2.64	cps
Strontium	88-1	73513610	78515777	75004537	75677975	3.39	cps
Sulfur	34-1	762373	749820	757119	756438	0.83	cps
Terbium	159-1	7167238	7388309	7420222	7325257	1.88	cps
Terbium	159-2	4372702	4290182	4165672	4276186	2.44	cps
Thallium	203-1	1438577	1446882	1470016	1451825	1.12	cps
Thallium	205-1	3605748	3607491	3562601	3591947	0.71	cps
Tin	118-1	1905503	1911458	1893416	1903459	0.48	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:15:17	DataFile Name :	107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5042729	5136122	5023811	5067554	1.19	cps
Uranium	238-1	4450396	4491795	4567484	4503225	1.32	cps
Vanadium	51-2	704105	699781	696617	700168	0.54	cps
Ytterbium	172-1	83	33	33	50	57.75	cps
Ytterbium	172-2	72	22	44	46	54.11	cps
Ytterbium	176-1	7210	7085	7094	7130	0.98	cps
Ytterbium	176-2	10276	10243	10855	10458	3.29	cps
Yttrium	89-1	14166687	14280960	14152016	14199888	0.50	cps
Yttrium	89-2	1727013	1712893	1701318	1713741	0.75	cps
Zinc	66-2	1158063	1151583	1162664	1157437	0.48	cps
Zirconium	90-1	4667720	4749283	4831654	4749553	1.73	cps
Zirconium	91-1	1041699	1044546	1062003	1049416	1.05	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCB062 Instrumnet Name : P8
 Client Sample ID : CCB062 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 17:21:05 DataFile Name : 108CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289	459	331	360	24.60	cps
Antimony	121-1	875	725	933	844	12.73	cps
Arsenic	75-2	13	14	10	12	16.88	cps
Barium	135-1	133	83	100	106	24.12	cps
Barium	137-1	300	292	192	261	23.09	cps
Beryllium	9-1	218	260	234	237	8.93	cps
Bismuth	209-1	3578345	3413036	3435903	3475761	2.58	cps
Bismuth	209-2	2805719	2917680	2615465	2779621	5.50	cps
Boron	10-1	7054	6558	6308	6640	5.72	cps
Boron	11-1	31666	29546	29093	30101	4.56	cps
Bromine	81-1	17038	17228	17349	17205	0.91	cps
Cadmium	111-1	2387	2124	2263	2258	5.83	cps
Cadmium	106-1	3292	2950	3109	3117	5.49	cps
Cadmium	108-1	13	29	13	18	53.30	cps
Calcium	43-1	684	567	574	608	10.75	cps
Calcium	44-1	33611	32506	32384	32834	2.06	cps
Carbon	12-1	4630690	4724194	4706225	4687036	1.06	cps
Carbon	12-2	42103	40908	41518	41509	1.44	cps
Chlorine	35-1	1422122	1428296	1400724	1417047	1.02	cps
Chlorine	35-2	8728	8586	8644	8653	0.82	cps
Chromium	52-2	840	803	960	868	9.44	cps
Cobalt	59-2	90	250	150	163	49.49	cps
Copper	63-2	1343	2177	1743	1755	23.76	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	83	67	69	18.34	cps
Erbium	164-2	20	20	33	24	31.49	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	107	63	83	84	25.69	cps
Holmium	165-1	6460858	6329287	6555927	6448691	1.76	cps
Holmium	165-2	4152288	4332165	3881753	4122069	5.50	cps
Indium	115-1	6790772	6731731	6966200	6829568	1.79	cps
Indium	115-2	1280787	1275607	1189402	1248599	4.11	cps
Iron	54-2	989	1733	1200	1307	29.35	cps
Iron	56-2	13579	24384	16833	18265	30.35	cps
Iron	57-2	422	811	506	580	35.33	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:21:05	DataFile Name :	108CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1097	1123	1093	2.91	cps
Lead	206-1	1461	1172	1217	1283	12.12	cps
Lead	207-1	1033	1133	983	1050	7.27	cps
Lead	208-1	5084	4750	4439	4758	6.77	cps
Lithium	6-1	4461011	4344470	4192089	4332523	3.11	cps
Magnesium	24-2	2442	4434	3259	3378	29.65	cps
Manganese	55-2	263	517	373	384	33.04	cps
Molybdenum	94-1	1008	958	867	945	7.61	cps
Molybdenum	95-1	1183	1050	992	1075	9.14	cps
Molybdenum	96-1	1533	1317	1042	1297	19.00	cps
Molybdenum	97-1	808	700	525	678	21.09	cps
Molybdenum	98-1	1934	1767	1458	1720	14.02	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	60	70	70	67	8.66	cps
Phosphorus	31-2	133	267	225	208	32.74	cps
Potassium	39-2	19647	21358	20523	20510	4.17	cps
Rhodium	103-1	6582320	6790293	6802788	6725134	1.84	cps
Rhodium	103-2	3711487	3784894	3459832	3652071	4.67	cps
Scandium	45-1	6323999	6020666	6272519	6205728	2.62	cps
Scandium	45-2	207728	207785	191183	202232	4.73	cps
Selenium	82-1	30	39	11	27	54.85	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	65	53	44	54	19.52	cps
Silicon	28-1	748711	761560	761276	757182	0.97	cps
Silver	107-1	483	417	358	419	14.91	cps
Silver	109-1	350	317	308	325	6.78	cps
Sodium	23-2	32737	34158	30616	32504	5.48	cps
Strontium	86-1	2342	2217	2384	2314	3.75	cps
Strontium	88-1	5394	4084	3984	4487	17.53	cps
Sulfur	34-1	414525	410840	414381	413249	0.50	cps
Terbium	159-1	7108652	6997446	6690536	6932211	3.12	cps
Terbium	159-2	4162552	4169815	3916415	4082927	3.53	cps
Thallium	203-1	542	342	408	431	23.65	cps
Thallium	205-1	1308	1158	908	1125	17.96	cps
Tin	118-1	733	717	758	736	2.85	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:21:05	DataFile Name :	108CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	558	617	550	575	6.32	cps
Uranium	238-1	292	208	258	253	16.59	cps
Vanadium	51-2	37	77	40	51	43.42	cps
Ytterbium	172-1	17	0	42	19	107.85	cps
Ytterbium	172-2	11	6	33	17	88.17	cps
Ytterbium	176-1	517	633	592	581	10.18	cps
Ytterbium	176-2	5818	5662	5246	5575	5.31	cps
Yttrium	89-1	14167147	13371868	13425058	13654691	3.26	cps
Yttrium	89-2	1730568	1760530	1593342	1694813	5.26	cps
Zinc	66-2	217	440	320	326	34.33	cps
Zirconium	90-1	1100	892	917	970	11.73	cps
Zirconium	91-1	283	250	183	239	21.32	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-10	Instrumnet Name :	P8
Client Sample ID :	A0BC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:24:06	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	591674	588027	587816	589172	0.37	cps
Antimony	121-1	2642	3084	2900	2875	7.72	cps
Arsenic	75-2	524	528	497	516	3.27	cps
Barium	135-1	126298	122191	125614	124701	1.76	cps
Barium	137-1	217438	213675	213454	214856	1.04	cps
Beryllium	9-1	1924	1778	1832	1844	4.00	cps
Bismuth	209-1	3577348	3794019	3606782	3659383	3.21	cps
Bismuth	209-2	2944467	2898658	2812283	2885136	2.33	cps
Boron	10-1	4672	4554	4280	4502	4.47	cps
Boron	11-1	20550	20344	20466	20453	0.51	cps
Bromine	81-1	16868	16637	17158	16888	1.55	cps
Cadmium	111-1	2660	2813	2680	2718	3.07	cps
Cadmium	106-1	3609	3842	3634	3695	3.47	cps
Cadmium	108-1	29	79	50	53	47.59	cps
Calcium	43-1	58612	58658	58762	58677	0.13	cps
Calcium	44-1	982720	975542	979934	979399	0.37	cps
Carbon	12-1	5018565	5000296	4949399	4989420	0.72	cps
Carbon	12-2	44769	45764	43891	44808	2.09	cps
Chlorine	35-1	12703114	16686479	21031756	16807116	24.78	cps
Chlorine	35-2	173194	182913	195271	183792	6.02	cps
Chromium	52-2	33509	32727	32453	32897	1.67	cps
Cobalt	59-2	25670	26024	25700	25798	0.76	cps
Copper	63-2	35300	35544	35892	35579	0.84	cps
Dysprosium	156-1	26485	24582	25133	25400	3.86	cps
Dysprosium	156-2	15289	14788	15139	15072	1.70	cps
Erbium	164-1	19707	20015	21334	20352	4.25	cps
Erbium	164-2	12433	12122	12526	12360	1.71	cps
Gadolinium	160-1	23463	22695	23121	23093	1.67	cps
Gadolinium	160-2	16120	15866	16497	16161	1.96	cps
Holmium	165-1	6716981	6873224	6773198	6787801	1.17	cps
Holmium	165-2	4442847	4295111	4299766	4345908	1.93	cps
Indium	115-1	7072178	7192071	6811924	7025391	2.77	cps
Indium	115-2	1306871	1304561	1289475	1300302	0.73	cps
Iron	54-2	1640883	1636865	1641121	1639623	0.15	cps
Iron	56-2	30053631	28849428	29303448	29402169	2.07	cps
Iron	57-2	716838	715932	716115	716295	0.07	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-10	Instrumnet Name :	P8
Client Sample ID :	A0BC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:24:06	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1220	1060	1190	1157	7.35	cps
Lead	206-1	28047	29161	28632	28613	1.95	cps
Lead	207-1	22965	22759	23032	22919	0.62	cps
Lead	208-1	106694	109610	109248	108517	1.46	cps
Lithium	6-1	4731979	4626246	4506251	4621492	2.44	cps
Magnesium	24-2	594081	589873	603454	595802	1.17	cps
Manganese	55-2	345833	339663	342959	342818	0.90	cps
Molybdenum	94-1	9854	9545	8920	9440	5.04	cps
Molybdenum	95-1	2150	2450	1909	2170	12.51	cps
Molybdenum	96-1	4067	4142	4009	4073	1.64	cps
Molybdenum	97-1	1225	1258	1258	1247	1.54	cps
Molybdenum	98-1	3426	3200	3467	3364	4.27	cps
Neodymium	150-1	45002	44835	43919	44585	1.31	cps
Neodymium	150-2	19795	19214	19938	19649	1.95	cps
Nickel	60-2	11475	11001	10998	11158	2.46	cps
Phosphorus	31-2	3025	2492	2850	2789	9.75	cps
Potassium	39-2	271221	264706	268742	268223	1.23	cps
Rhodium	103-1	6904113	7160370	6764208	6942897	2.89	cps
Rhodium	103-2	3973924	3853155	3891906	3906329	1.58	cps
Scandium	45-1	6361724	6767299	6466830	6531951	3.22	cps
Scandium	45-2	216822	216637	213491	215650	0.87	cps
Selenium	82-1	-21	135	13	42	193.72	cps
Selenium	77-2	117	140	93	117	20.00	cps
Selenium	78-2	98	101	123	107	12.72	cps
Silicon	28-1	9442578	9501975	9352704	9432419	0.80	cps
Silver	107-1	967	950	742	886	14.15	cps
Silver	109-1	850	808	733	797	7.42	cps
Sodium	23-2	83748	83296	84973	84006	1.03	cps
Strontium	86-1	30283	30367	30326	30325	0.14	cps
Strontium	88-1	237154	241403	234662	237740	1.43	cps
Sulfur	34-1	402335	396697	400035	399689	0.71	cps
Terbium	159-1	7162034	7327185	6980764	7156661	2.42	cps
Terbium	159-2	4366662	4174432	4146730	4229275	2.83	cps
Thallium	203-1	700	783	933	806	14.68	cps
Thallium	205-1	2042	2159	1975	2059	4.51	cps
Tin	118-1	2784	3042	2842	2889	4.69	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-10	Instrumnet Name :	P8
Client Sample ID :	A0BC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:24:06	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	772573	766243	789612	776142	1.56	cps
Uranium	238-1	19641	19357	19282	19427	0.97	cps
Vanadium	51-2	47188	46662	46395	46748	0.86	cps
Ytterbium	172-1	5768	6443	5876	6029	6.02	cps
Ytterbium	172-2	4223	4323	4651	4399	5.09	cps
Ytterbium	176-1	4568	4543	4409	4506	1.89	cps
Ytterbium	176-2	8792	8948	9070	8937	1.56	cps
Yttrium	89-1	14742744	15190958	14608306	14847336	2.05	cps
Yttrium	89-2	1850192	1845244	1816581	1837339	0.99	cps
Zinc	66-2	20802	20114	19547	20154	3.12	cps
Zirconium	90-1	20824	22861	22970	22218	5.44	cps
Zirconium	91-1	5076	5159	5051	5096	1.11	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-11 Instrumnet Name : P8
 Client Sample ID : A0BC2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 17:27:10 DataFile Name : 110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	606626	596832	598820	600759	0.86	cps
Antimony	121-1	4959	4693	4534	4729	4.54	cps
Arsenic	75-2	696	684	676	685	1.47	cps
Barium	135-1	216753	203841	212256	210950	3.11	cps
Barium	137-1	363607	357310	364611	361843	1.09	cps
Beryllium	9-1	1368	1312	1328	1336	2.16	cps
Bismuth	209-1	3549223	3439461	3464419	3484368	1.65	cps
Bismuth	209-2	2822947	2907844	2838558	2856449	1.58	cps
Boron	10-1	4338	4192	4308	4279	1.80	cps
Boron	11-1	20246	19711	18930	19629	3.37	cps
Bromine	81-1	18632	19474	20205	19437	4.05	cps
Cadmium	111-1	3011	2791	2945	2916	3.87	cps
Cadmium	106-1	3801	3434	3734	3656	5.34	cps
Cadmium	108-1	58	83	75	72	17.63	cps
Calcium	43-1	43556	43865	43276	43566	0.68	cps
Calcium	44-1	734894	738035	736933	736621	0.22	cps
Carbon	12-1	6809213	7032051	6987199	6942821	1.70	cps
Carbon	12-2	63874	62836	62300	63003	1.27	cps
Chlorine	35-1	24595357	28571269	31526951	28231192	12.32	cps
Chlorine	35-2	239357	251116	259007	249826	3.96	cps
Chromium	52-2	30870	31475	30386	30910	1.77	cps
Cobalt	59-2	20034	20064	19811	19970	0.69	cps
Copper	63-2	156793	156125	156236	156385	0.23	cps
Dysprosium	156-1	11055	11413	11263	11244	1.60	cps
Dysprosium	156-2	6418	6151	6485	6352	2.78	cps
Erbium	164-1	9245	9529	8345	9039	6.84	cps
Erbium	164-2	5561	5551	5414	5509	1.49	cps
Gadolinium	160-1	9304	9720	9145	9390	3.17	cps
Gadolinium	160-2	6622	6422	6708	6584	2.23	cps
Holmium	165-1	6609377	6375266	6609847	6531497	2.07	cps
Holmium	165-2	4160822	4268345	4245459	4224876	1.34	cps
Indium	115-1	6593741	6947903	6992823	6844822	3.19	cps
Indium	115-2	1276953	1333942	1303986	1304960	2.18	cps
Iron	54-2	1288040	1275024	1272338	1278467	0.66	cps
Iron	56-2	24172335	23861432	23269573	23767780	1.93	cps
Iron	57-2	587622	587690	579422	584911	0.81	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-11	Instrumnet Name :	P8
Client Sample ID :	A0BC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:27:10	DataFile Name :	110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1190	1047	1098	7.29	cps
Lead	206-1	1461886	1456419	1429972	1449425	1.18	cps
Lead	207-1	1240908	1221968	1239023	1233966	0.85	cps
Lead	208-1	5984270	5926696	5788495	5899821	1.71	cps
Lithium	6-1	4302694	4315579	4465341	4361205	2.07	cps
Magnesium	24-2	421222	411784	406235	413080	1.83	cps
Manganese	55-2	252735	251489	253761	252662	0.45	cps
Molybdenum	94-1	3809	3967	3451	3742	7.08	cps
Molybdenum	95-1	2375	1909	1742	2009	16.35	cps
Molybdenum	96-1	3292	3125	2750	3056	9.08	cps
Molybdenum	97-1	1283	1508	1300	1364	9.19	cps
Molybdenum	98-1	3692	3242	3401	3445	6.63	cps
Neodymium	150-1	19494	20136	20122	19917	1.84	cps
Neodymium	150-2	8713	8973	8146	8611	4.91	cps
Nickel	60-2	8496	8786	8789	8691	1.94	cps
Phosphorus	31-2	1142	1467	1133	1247	15.24	cps
Potassium	39-2	106458	106273	109346	107359	1.61	cps
Rhodium	103-1	6487550	6719177	6980312	6729013	3.66	cps
Rhodium	103-2	3713955	3889263	3769877	3791032	2.36	cps
Scandium	45-1	6261558	6205153	6530533	6332415	2.75	cps
Scandium	45-2	212000	220538	217625	216721	2.00	cps
Selenium	82-1	118	44	77	80	46.62	cps
Selenium	77-2	47	13	30	30	55.57	cps
Selenium	78-2	74	74	79	76	3.81	cps
Silicon	28-1	8141971	8239105	8262472	8214516	0.78	cps
Silver	107-1	925	1192	1108	1075	12.69	cps
Silver	109-1	1108	1067	1308	1161	11.13	cps
Sodium	23-2	48715	49242	49426	49128	0.75	cps
Strontium	86-1	19965	20958	19814	20246	3.07	cps
Strontium	88-1	153472	153010	149752	152078	1.33	cps
Sulfur	34-1	402639	399994	403558	402064	0.46	cps
Terbium	159-1	6808777	6905170	6889558	6867835	0.75	cps
Terbium	159-2	4130891	4284434	4204816	4206713	1.83	cps
Thallium	203-1	500	633	625	586	12.74	cps
Thallium	205-1	1408	1558	1392	1453	6.32	cps
Tin	118-1	7602	7961	7819	7794	2.32	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-11	Instrumnet Name :	P8
Client Sample ID :	A0BC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:27:10	DataFile Name :	110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	627240	627613	601648	618833	2.41	cps
Uranium	238-1	9546	10371	9579	9832	4.75	cps
Vanadium	51-2	36229	36179	35945	36118	0.42	cps
Ytterbium	172-1	2667	2675	2634	2659	0.83	cps
Ytterbium	172-2	1889	2034	2028	1984	4.13	cps
Ytterbium	176-1	2425	2242	2450	2373	4.80	cps
Ytterbium	176-2	6718	7519	7458	7232	6.16	cps
Yttrium	89-1	14103661	14092330	14300319	14165437	0.83	cps
Yttrium	89-2	1766783	1870372	1816189	1817781	2.85	cps
Zinc	66-2	69510	69081	69479	69357	0.34	cps
Zirconium	90-1	7352	7711	7277	7447	3.11	cps
Zirconium	91-1	1792	1450	1658	1633	10.54	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-12	Instrumnet Name :	P8
Client Sample ID :	A0BC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:30:10	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	406040	405309	402297	404549	0.49	cps
Antimony	121-1	850	850	858	853	0.56	cps
Arsenic	75-2	453	384	425	421	8.25	cps
Barium	135-1	69756	68130	69019	68968	1.18	cps
Barium	137-1	115426	118821	117275	117174	1.45	cps
Beryllium	9-1	1938	1754	1748	1813	5.96	cps
Bismuth	209-1	3700518	3414756	3582879	3566051	4.03	cps
Bismuth	209-2	2878139	2865760	2788373	2844090	1.71	cps
Boron	10-1	3360	3408	3292	3353	1.74	cps
Boron	11-1	15717	15075	14913	15235	2.79	cps
Bromine	81-1	17810	17970	18842	18207	3.05	cps
Cadmium	111-1	2548	2729	2683	2653	3.54	cps
Cadmium	106-1	3542	3834	3659	3678	3.99	cps
Cadmium	108-1	75	67	29	57	42.87	cps
Calcium	43-1	40449	40741	40846	40679	0.51	cps
Calcium	44-1	695848	690962	695412	694074	0.39	cps
Carbon	12-1	5070332	5031003	4966400	5022578	1.04	cps
Carbon	12-2	45546	45371	44493	45137	1.25	cps
Chlorine	35-1	31759644	36605340	40813061	36392682	12.45	cps
Chlorine	35-2	296559	303900	305007	301822	1.52	cps
Chromium	52-2	20912	20368	20528	20603	1.36	cps
Cobalt	59-2	28706	27710	27640	28019	2.13	cps
Copper	63-2	30189	29247	28813	29416	2.39	cps
Dysprosium	156-1	29141	27596	27780	28172	3.00	cps
Dysprosium	156-2	16824	15756	16093	16224	3.36	cps
Erbium	164-1	20909	19840	20199	20316	2.68	cps
Erbium	164-2	12793	12423	12406	12540	1.74	cps
Gadolinium	160-1	23981	23371	23555	23635	1.32	cps
Gadolinium	160-2	17014	16911	16844	16923	0.51	cps
Holmium	165-1	7000128	6556488	6515682	6690766	4.02	cps
Holmium	165-2	4256043	4338981	4372267	4322430	1.38	cps
Indium	115-1	7167250	6799403	6810274	6925642	3.02	cps
Indium	115-2	1297869	1291489	1310728	1300029	0.75	cps
Iron	54-2	1501408	1444712	1454380	1466834	2.07	cps
Iron	56-2	26409639	26265284	26131034	26268652	0.53	cps
Iron	57-2	648971	632527	627958	636485	1.74	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-12	Instrumnet Name :	P8
Client Sample ID :	A0BC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:30:10	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1123	1077	1197	1132	5.34	cps
Lead	206-1	25559	25587	25787	25644	0.49	cps
Lead	207-1	20589	20249	20383	20407	0.84	cps
Lead	208-1	96686	97066	98543	97431	1.01	cps
Lithium	6-1	4611785	4373579	4446467	4477277	2.73	cps
Magnesium	24-2	484904	477862	482774	481847	0.75	cps
Manganese	55-2	376141	376061	382487	378230	0.97	cps
Molybdenum	94-1	10204	10454	10387	10349	1.25	cps
Molybdenum	95-1	2950	2825	2842	2873	2.36	cps
Molybdenum	96-1	4659	4543	4893	4698	3.79	cps
Molybdenum	97-1	1692	1700	1617	1670	2.75	cps
Molybdenum	98-1	4426	4309	4251	4329	2.06	cps
Neodymium	150-1	50883	52383	51874	51713	1.47	cps
Neodymium	150-2	22148	22983	22813	22648	1.95	cps
Nickel	60-2	7769	7672	7709	7717	0.63	cps
Phosphorus	31-2	1767	1725	1733	1742	1.27	cps
Potassium	39-2	202253	201511	196922	200229	1.44	cps
Rhodium	103-1	7186762	6545812	6934288	6888954	4.69	cps
Rhodium	103-2	3737619	3852490	3973924	3854678	3.07	cps
Scandium	45-1	6715539	6465805	6370748	6517364	2.73	cps
Scandium	45-2	216082	216917	222045	218348	1.48	cps
Selenium	82-1	34	136	-35	45	192.05	cps
Selenium	77-2	147	97	143	129	21.69	cps
Selenium	78-2	120	114	131	122	7.09	cps
Silicon	28-1	8123157	8197852	8261963	8194324	0.85	cps
Silver	107-1	500	692	825	672	24.30	cps
Silver	109-1	650	717	533	633	14.65	cps
Sodium	23-2	80556	78662	79064	79427	1.26	cps
Strontium	86-1	21192	20532	21133	20952	1.74	cps
Strontium	88-1	163048	159607	162054	161570	1.10	cps
Sulfur	34-1	393165	395520	395870	394852	0.37	cps
Terbium	159-1	7082832	6856448	7068235	7002505	1.81	cps
Terbium	159-2	4087112	4304909	4225418	4205813	2.62	cps
Thallium	203-1	633	708	725	689	7.09	cps
Thallium	205-1	1575	1617	1533	1575	2.65	cps
Tin	118-1	2342	2292	2617	2417	7.24	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-12	Instrumnet Name :	P8
Client Sample ID :	A0BC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:30:10	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533947	540060	536695	536901	0.57	cps
Uranium	238-1	17813	18189	18439	18147	1.74	cps
Vanadium	51-2	30469	30743	30937	30716	0.77	cps
Ytterbium	172-1	5776	6343	6052	6057	4.68	cps
Ytterbium	172-2	4456	3912	4345	4238	6.79	cps
Ytterbium	176-1	4092	4084	4276	4151	2.61	cps
Ytterbium	176-2	8475	8647	8881	8668	2.35	cps
Yttrium	89-1	15346168	14407520	14524853	14759514	3.47	cps
Yttrium	89-2	1788321	1819972	1910014	1839436	3.43	cps
Zinc	66-2	24835	24441	24835	24704	0.92	cps
Zirconium	90-1	23437	24664	24397	24166	2.67	cps
Zirconium	91-1	5284	5301	5443	5343	1.63	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-14 Instrumnet Name : P8
 Client Sample ID : A0BD2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 17:33:14 DataFile Name : 112AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16904	16512	16706	16707	1.17	cps
Antimony	121-1	1083	1250	1292	1208	9.12	cps
Arsenic	75-2	3656	3521	3644	3607	2.07	cps
Barium	135-1	461931	478887	478858	473225	2.07	cps
Barium	137-1	795058	829817	825320	816732	2.31	cps
Beryllium	9-1	25509	25743	25599	25617	0.46	cps
Bismuth	209-1	3515215	3554520	3496413	3522050	0.84	cps
Bismuth	209-2	2696892	2816186	2842021	2785033	2.78	cps
Boron	10-1	3074	3042	3088	3068	0.77	cps
Boron	11-1	14242	14302	14444	14330	0.72	cps
Bromine	81-1	17990	17820	17439	17750	1.59	cps
Cadmium	111-1	4011	3717	3674	3800	4.83	cps
Cadmium	106-1	3667	3451	3300	3473	5.31	cps
Cadmium	108-1	146	171	142	153	10.33	cps
Calcium	43-1	8156	8275	8375	8269	1.33	cps
Calcium	44-1	156301	158527	159604	158144	1.07	cps
Carbon	12-1	5184643	5005461	5114411	5101505	1.77	cps
Carbon	12-2	44877	47084	45998	45986	2.40	cps
Chlorine	35-1	31557119	35424631	37606601	34862784	8.79	cps
Chlorine	35-2	267142	276590	289106	277613	3.97	cps
Chromium	52-2	98758	98399	99285	98814	0.45	cps
Cobalt	59-2	1753	1707	1760	1740	1.67	cps
Copper	63-2	211389	206568	208040	208666	1.18	cps
Dysprosium	156-1	467	417	442	442	5.66	cps
Dysprosium	156-2	277	300	247	274	9.74	cps
Erbium	164-1	325	292	392	336	15.15	cps
Erbium	164-2	170	187	163	173	6.93	cps
Gadolinium	160-1	450	325	600	458	30.04	cps
Gadolinium	160-2	383	277	270	310	20.51	cps
Holmium	165-1	6448088	6519878	6607478	6525148	1.22	cps
Holmium	165-2	4165071	4170520	4176412	4170668	0.14	cps
Indium	115-1	6916697	6960586	6923588	6933624	0.34	cps
Indium	115-2	1285939	1279445	1285659	1283681	0.29	cps
Iron	54-2	57499	57025	57388	57304	0.43	cps
Iron	56-2	977332	990612	978270	982071	0.75	cps
Iron	57-2	24477	24827	24382	24562	0.95	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-14	Instrumnet Name :	P8
Client Sample ID :	A0BD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:33:14	DataFile Name :	112AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	1160	1127	1090	8.61	cps
Lead	206-1	50370	49863	51514	50582	1.67	cps
Lead	207-1	42476	41561	41985	42008	1.09	cps
Lead	208-1	196173	197502	197219	196965	0.36	cps
Lithium	6-1	4479875	4442565	4619819	4514086	2.07	cps
Magnesium	24-2	23161	23002	22885	23016	0.60	cps
Manganese	55-2	95689	94091	95588	95122	0.94	cps
Molybdenum	94-1	8428	8236	8903	8522	4.03	cps
Molybdenum	95-1	208	383	492	361	39.59	cps
Molybdenum	96-1	1725	1725	1892	1781	5.40	cps
Molybdenum	97-1	250	200	233	228	11.18	cps
Molybdenum	98-1	492	533	833	619	30.09	cps
Neodymium	150-1	733	840	900	824	10.24	cps
Neodymium	150-2	337	327	337	333	1.73	cps
Nickel	60-2	115135	114937	112625	114232	1.22	cps
Phosphorus	31-2	250	192	267	236	16.68	cps
Potassium	39-2	32629	33322	32696	32883	1.16	cps
Rhodium	103-1	6951455	6803455	6934185	6896365	1.17	cps
Rhodium	103-2	3877274	3800104	3780326	3819235	1.34	cps
Scandium	45-1	6491489	6302961	6415814	6403421	1.48	cps
Scandium	45-2	214559	212785	215791	214379	0.70	cps
Selenium	82-1	2752	2555	2582	2630	4.07	cps
Selenium	77-2	80	120	87	96	22.43	cps
Selenium	78-2	345	379	338	354	6.19	cps
Silicon	28-1	2102733	2065556	2067952	2078747	1.00	cps
Silver	107-1	377720	388476	394831	387009	2.24	cps
Silver	109-1	369995	377828	373269	373697	1.05	cps
Sodium	23-2	46349	45003	46049	45800	1.54	cps
Strontium	86-1	7269	8086	8128	7827	6.19	cps
Strontium	88-1	49204	50341	51672	50406	2.45	cps
Sulfur	34-1	387649	387147	380973	385256	0.97	cps
Terbium	159-1	6984155	6897064	7052985	6978068	1.12	cps
Terbium	159-2	4241167	4143555	4164194	4182972	1.23	cps
Thallium	203-1	875	867	875	872	0.55	cps
Thallium	205-1	1909	2117	1850	1959	7.16	cps
Tin	118-1	1083	1092	1358	1178	13.28	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-14	Instrumnet Name :	P8
Client Sample ID :	A0BD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:33:14	DataFile Name :	112AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4192	4451	3984	4209	5.56	cps
Uranium	238-1	483	475	400	453	10.14	cps
Vanadium	51-2	224734	220135	220670	221847	1.13	cps
Ytterbium	172-1	50	108	108	89	37.89	cps
Ytterbium	172-2	61	56	89	69	26.06	cps
Ytterbium	176-1	800	775	775	783	1.84	cps
Ytterbium	176-2	5896	6085	6407	6129	4.22	cps
Yttrium	89-1	14493291	14020917	14280664	14264958	1.66	cps
Yttrium	89-2	1802135	1744614	1796732	1781160	1.78	cps
Zinc	66-2	1107	1273	1240	1207	7.31	cps
Zirconium	90-1	24188	24130	22944	23754	2.95	cps
Zirconium	91-1	5259	5435	5176	5290	2.49	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-15 Instrumnet Name : P8
 Client Sample ID : A0BD9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 17:36:15 DataFile Name : 113AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356110	355256	349499	353622	1.02	cps
Antimony	121-1	18571	18221	18630	18474	1.20	cps
Arsenic	75-2	1059	1058	1054	1057	0.25	cps
Barium	135-1	452315	444991	448821	448709	0.82	cps
Barium	137-1	758004	772290	780533	770276	1.48	cps
Beryllium	9-1	1512	1568	1524	1534	1.92	cps
Bismuth	209-1	3936421	3582136	3492387	3670315	6.40	cps
Bismuth	209-2	2901812	2819083	2777011	2832635	2.24	cps
Boron	10-1	2900	2890	2742	2844	3.11	cps
Boron	11-1	13085	13153	13147	13129	0.29	cps
Bromine	81-1	18140	17619	17750	17837	1.52	cps
Cadmium	111-1	3253	3372	3011	3212	5.73	cps
Cadmium	106-1	4042	4201	3617	3953	7.63	cps
Cadmium	108-1	79	92	138	103	29.88	cps
Calcium	43-1	602499	608279	606781	605853	0.50	cps
Calcium	44-1	9930722	10095578	10267781	10098027	1.67	cps
Carbon	12-1	5248619	5340195	5343212	5310675	1.01	cps
Carbon	12-2	48272	46683	46884	47280	1.83	cps
Chlorine	35-1	33195341	37228795	41398189	37274108	11.00	cps
Chlorine	35-2	284813	280528	285975	283772	1.01	cps
Chromium	52-2	18258	18028	17948	18078	0.89	cps
Cobalt	59-2	14631	14951	14658	14747	1.21	cps
Copper	63-2	111988	110704	112052	111581	0.68	cps
Dysprosium	156-1	20925	21151	21009	21028	0.54	cps
Dysprosium	156-2	11612	12162	11408	11727	3.33	cps
Erbium	164-1	15276	15509	16069	15618	2.61	cps
Erbium	164-2	9614	9263	9060	9312	3.01	cps
Gadolinium	160-1	17220	17721	17712	17551	1.63	cps
Gadolinium	160-2	12072	12192	11779	12014	1.77	cps
Holmium	165-1	6750842	6785136	6610860	6715613	1.37	cps
Holmium	165-2	4299193	4087398	4165551	4184047	2.56	cps
Indium	115-1	7102648	7123622	6906424	7044231	1.70	cps
Indium	115-2	1319746	1269051	1247858	1278885	2.89	cps
Iron	54-2	803458	793866	775192	790839	1.82	cps
Iron	56-2	14880303	14437081	14780864	14699416	1.58	cps
Iron	57-2	362035	355353	351512	356300	1.49	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-15	Instrumnet Name :	P8
Client Sample ID :	A0BD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:36:15	DataFile Name :	113AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1050	1233	1170	8.89	cps
Lead	206-1	1040937	1055131	1083161	1059743	2.03	cps
Lead	207-1	874439	887554	906888	889627	1.83	cps
Lead	208-1	4299261	4240484	4353173	4297640	1.31	cps
Lithium	6-1	4746784	4862887	4411087	4673586	5.02	cps
Magnesium	24-2	675575	667583	668629	670596	0.65	cps
Manganese	55-2	447181	440523	437183	441629	1.15	cps
Molybdenum	94-1	9762	9996	9895	9884	1.19	cps
Molybdenum	95-1	3375	3159	3417	3317	4.18	cps
Molybdenum	96-1	5251	5251	5201	5234	0.55	cps
Molybdenum	97-1	1767	2042	2275	2028	12.55	cps
Molybdenum	98-1	5109	4826	4918	4951	2.92	cps
Neodymium	150-1	32573	32861	33850	33095	2.02	cps
Neodymium	150-2	14398	14528	14034	14320	1.79	cps
Nickel	60-2	6555	7058	6805	6806	3.70	cps
Phosphorus	31-2	1058	1117	1125	1100	3.30	cps
Potassium	39-2	149242	147263	145217	147240	1.37	cps
Rhodium	103-1	7117683	6902829	6490460	6836990	4.66	cps
Rhodium	103-2	3943610	3681698	3674031	3766446	4.07	cps
Scandium	45-1	6831045	6697855	6522983	6683961	2.31	cps
Scandium	45-2	223217	213012	207680	214636	3.68	cps
Selenium	82-1	-51	155	-35	23	502.59	cps
Selenium	77-2	73	77	63	71	9.76	cps
Selenium	78-2	100	116	91	102	12.37	cps
Silicon	28-1	8738515	8927321	8994696	8886844	1.49	cps
Silver	107-1	1517	1225	975	1239	21.88	cps
Silver	109-1	1217	1108	958	1095	11.85	cps
Sodium	23-2	159006	154917	155186	156370	1.46	cps
Strontium	86-1	251116	258900	261887	257301	2.16	cps
Strontium	88-1	2183543	2257483	2238945	2226657	1.73	cps
Sulfur	34-1	422607	425590	432036	426744	1.13	cps
Terbium	159-1	7679752	7054672	7312008	7348811	4.27	cps
Terbium	159-2	4352574	4238083	4167625	4252761	2.19	cps
Thallium	203-1	383	433	583	467	22.30	cps
Thallium	205-1	1183	1225	967	1125	12.33	cps
Tin	118-1	14349	13741	13916	14002	2.24	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-15	Instrumnet Name :	P8
Client Sample ID :	A0BD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:36:15	DataFile Name :	113AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	332343	334119	327558	331340	1.02	cps
Uranium	238-1	15468	15084	15552	15368	1.62	cps
Vanadium	51-2	23199	22952	22474	22875	1.61	cps
Ytterbium	172-1	4001	4101	4184	4095	2.24	cps
Ytterbium	172-2	2911	2723	3100	2911	6.49	cps
Ytterbium	176-1	3034	3200	3042	3092	3.04	cps
Ytterbium	176-2	7786	7858	7675	7773	1.19	cps
Yttrium	89-1	15235973	15130070	14604687	14990243	2.26	cps
Yttrium	89-2	1879308	1794678	1760572	1811519	3.37	cps
Zinc	66-2	239044	240946	232050	237347	1.97	cps
Zirconium	90-1	23187	23103	23237	23175	0.29	cps
Zirconium	91-1	5193	5118	5176	5162	0.76	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-16	Instrumnet Name :	P8
Client Sample ID :	A0BE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:39:16	DataFile Name :	114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	627526	634854	628579	630320	0.63	cps
Antimony	121-1	1133	1300	1092	1175	9.38	cps
Arsenic	75-2	436	423	451	437	3.21	cps
Barium	135-1	110828	117189	114424	114147	2.79	cps
Barium	137-1	192089	199444	199049	196861	2.10	cps
Beryllium	9-1	2984	2818	2892	2898	2.87	cps
Bismuth	209-1	3657637	3442959	3557569	3552722	3.02	cps
Bismuth	209-2	2776290	2802644	2897574	2825503	2.26	cps
Boron	10-1	2392	2388	2370	2383	0.49	cps
Boron	11-1	11068	10786	10268	10707	3.79	cps
Bromine	81-1	18050	17409	17469	17643	2.01	cps
Cadmium	111-1	2803	2955	2775	2844	3.41	cps
Cadmium	106-1	3742	3967	3642	3784	4.40	cps
Cadmium	108-1	54	108	58	74	40.95	cps
Calcium	43-1	46801	48314	47981	47699	1.67	cps
Calcium	44-1	800501	804481	803342	802775	0.26	cps
Carbon	12-1	4881649	5090179	4969076	4980302	2.10	cps
Carbon	12-2	44510	46139	45413	45354	1.80	cps
Chlorine	35-1	31872508	35574604	38486288	35311133	9.39	cps
Chlorine	35-2	266817	283077	293697	281197	4.81	cps
Chromium	52-2	16923	17731	17214	17289	2.37	cps
Cobalt	59-2	26284	26061	25890	26078	0.76	cps
Copper	63-2	38348	39171	39909	39143	1.99	cps
Dysprosium	156-1	35230	35122	35732	35361	0.92	cps
Dysprosium	156-2	20522	21184	21618	21108	2.61	cps
Erbium	164-1	29450	29834	30369	29884	1.54	cps
Erbium	164-2	18276	18223	18199	18233	0.22	cps
Gadolinium	160-1	30778	32064	30803	31215	2.36	cps
Gadolinium	160-2	22212	22269	21484	21988	1.99	cps
Holmium	165-1	6479561	6580165	6839617	6633114	2.80	cps
Holmium	165-2	4148003	4091812	4377180	4205665	3.59	cps
Indium	115-1	6868213	6983381	6836708	6896101	1.12	cps
Indium	115-2	1296336	1281134	1314625	1297365	1.29	cps
Iron	54-2	2153847	2164454	2148707	2155670	0.37	cps
Iron	56-2	38804740	38636341	38605379	38682153	0.28	cps
Iron	57-2	943769	955384	944834	947996	0.68	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-16	Instrumnet Name :	P8
Client Sample ID :	A0BE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:39:16	DataFile Name :	114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1187	1187	1183	0.49	cps
Lead	206-1	30860	30965	31906	31244	1.84	cps
Lead	207-1	25136	25642	24218	24999	2.89	cps
Lead	208-1	119904	120253	120970	120376	0.45	cps
Lithium	6-1	4648970	4415000	4576405	4546792	2.63	cps
Magnesium	24-2	606182	604155	597007	602448	0.80	cps
Manganese	55-2	746408	744860	752054	747774	0.51	cps
Molybdenum	94-1	7844	8211	7994	8016	2.30	cps
Molybdenum	95-1	1400	1358	1333	1364	2.47	cps
Molybdenum	96-1	3592	3576	3426	3531	2.60	cps
Molybdenum	97-1	883	825	767	825	7.07	cps
Molybdenum	98-1	2100	1817	2075	1997	7.85	cps
Neodymium	150-1	58059	61186	58574	59273	2.83	cps
Neodymium	150-2	26129	25868	26921	26306	2.08	cps
Nickel	60-2	7669	7355	7552	7525	2.11	cps
Phosphorus	31-2	1909	1984	2059	1984	3.78	cps
Potassium	39-2	217912	221200	221922	220344	0.97	cps
Rhodium	103-1	6988801	6743550	6832295	6854882	1.81	cps
Rhodium	103-2	3750851	3740104	3943645	3811533	3.01	cps
Scandium	45-1	6713939	6547894	6517046	6592960	1.61	cps
Scandium	45-2	217911	217067	218545	217841	0.34	cps
Selenium	82-1	101	75	41	72	42.02	cps
Selenium	77-2	137	127	120	128	6.57	cps
Selenium	78-2	126	122	150	133	11.42	cps
Silicon	28-1	9862100	10149678	9929766	9980515	1.51	cps
Silver	107-1	500	817	683	667	23.85	cps
Silver	109-1	608	625	500	578	11.75	cps
Sodium	23-2	72338	73736	72882	72985	0.97	cps
Strontium	86-1	27419	28154	27736	27770	1.33	cps
Strontium	88-1	216288	227079	221673	221680	2.43	cps
Sulfur	34-1	418288	409816	405092	411065	1.63	cps
Terbium	159-1	7194437	6965116	6831062	6996872	2.63	cps
Terbium	159-2	4218831	4255601	4244944	4239792	0.45	cps
Thallium	203-1	608	617	508	578	10.43	cps
Thallium	205-1	1258	1142	1283	1228	6.16	cps
Tin	118-1	3242	3100	3042	3128	3.29	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-16	Instrumnet Name :	P8
Client Sample ID :	A0BE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 17:39:16	DataFile Name :	114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	598355	615980	588628	600988	2.31	cps
Uranium	238-1	14567	15243	15043	14951	2.32	cps
Vanadium	51-2	37569	37853	37706	37710	0.38	cps
Ytterbium	172-1	8778	8686	9070	8845	2.26	cps
Ytterbium	172-2	6780	6507	6479	6589	2.52	cps
Ytterbium	176-1	6769	6127	6268	6388	5.28	cps
Ytterbium	176-2	10104	9921	10121	10048	1.11	cps
Yttrium	89-1	15148277	15082917	14778368	15003187	1.32	cps
Yttrium	89-2	1871266	1861189	1906730	1879728	1.27	cps
Zinc	66-2	23670	23740	23707	23705	0.15	cps
Zirconium	90-1	20090	20699	20391	20393	1.49	cps
Zirconium	91-1	4468	4559	4651	4559	2.01	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-01DLX2 Instrumnet Name : P8
 Client Sample ID : MH1JB9 Dilution Factor : 2
 Date & Time Acquired :: 2021-12-14 17:42:18 DataFile Name : 115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138877	140732	139462	139690	0.68	cps
Antimony	121-1	38747	39491	39032	39090	0.96	cps
Arsenic	75-2	745	725	721	730	1.76	cps
Barium	135-1	126860	125793	124933	125862	0.77	cps
Barium	137-1	211008	218419	217305	215577	1.85	cps
Beryllium	9-1	792	758	744	765	3.23	cps
Bismuth	209-1	3615069	3675169	3638601	3642946	0.83	cps
Bismuth	209-2	2964652	3019824	2931418	2971965	1.50	cps
Boron	10-1	7408	7693	8121	7741	4.63	cps
Boron	11-1	34097	36139	38262	36166	5.76	cps
Bromine	81-1	21078	20837	22211	21375	3.43	cps
Cadmium	111-1	3723	3512	3688	3641	3.10	cps
Cadmium	106-1	4076	3942	4176	4065	2.88	cps
Cadmium	108-1	329	271	188	263	27.13	cps
Calcium	43-1	470936	469605	477000	472514	0.83	cps
Calcium	44-1	7529313	7718044	7678896	7642084	1.30	cps
Carbon	12-1	20945882	21602952	21783769	21444201	2.06	cps
Carbon	12-2	198540	203987	197272	199933	1.78	cps
Chlorine	35-1	23012381	24176942	24112654	23767326	2.75	cps
Chlorine	35-2	160348	162015	160727	161030	0.54	cps
Chromium	52-2	24137	24087	24264	24163	0.38	cps
Cobalt	59-2	8920	8583	8746	8749	1.93	cps
Copper	63-2	322469	322772	321442	322228	0.22	cps
Dysprosium	156-1	8086	8311	7777	8058	3.32	cps
Dysprosium	156-2	5128	4838	4871	4945	3.21	cps
Erbium	164-1	6869	6352	6919	6713	4.68	cps
Erbium	164-2	3884	4094	3861	3946	3.26	cps
Gadolinium	160-1	7302	6910	7302	7172	3.15	cps
Gadolinium	160-2	5091	4928	4961	4993	1.73	cps
Holmium	165-1	6987358	6801144	6814167	6867556	1.51	cps
Holmium	165-2	4517694	4403281	4365155	4428710	1.79	cps
Indium	115-1	7066349	7298040	6853670	7072686	3.14	cps
Indium	115-2	1328792	1322327	1333706	1328275	0.43	cps
Iron	54-2	772896	770228	763748	768957	0.61	cps
Iron	56-2	14859559	14570156	14488821	14639512	1.33	cps
Iron	57-2	354517	356817	345232	352189	1.74	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	2
Date & Time Acquired ::	2021-12-14 17:42:18	DataFile Name :	115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1270	1070	1073	1138	10.07	cps
Lead	206-1	179605	179069	184105	180926	1.53	cps
Lead	207-1	154864	147621	152738	151741	2.45	cps
Lead	208-1	693569	701210	715629	703469	1.59	cps
Lithium	6-1	4487888	4552356	4541975	4527406	0.76	cps
Magnesium	24-2	458281	465369	458749	460799	0.86	cps
Manganese	55-2	196110	194696	192911	194572	0.82	cps
Molybdenum	94-1	10012	10804	10171	10329	4.06	cps
Molybdenum	95-1	4868	5134	4784	4929	3.71	cps
Molybdenum	96-1	7052	7177	6410	6880	5.98	cps
Molybdenum	97-1	2892	3125	3100	3039	4.22	cps
Molybdenum	98-1	7927	7411	7936	7758	3.88	cps
Neodymium	150-1	14128	13640	13600	13790	2.13	cps
Neodymium	150-2	6395	6185	6041	6207	2.86	cps
Nickel	60-2	12526	12239	12279	12348	1.26	cps
Phosphorus	31-2	4101	4009	3967	4026	1.69	cps
Potassium	39-2	570316	575187	581191	575565	0.95	cps
Rhodium	103-1	7262705	6924446	6978036	7055062	2.58	cps
Rhodium	103-2	3957682	3873966	3961725	3931124	1.26	cps
Scandium	45-1	6598911	6644495	6494520	6579309	1.17	cps
Scandium	45-2	218816	219898	220139	219618	0.32	cps
Selenium	82-1	34	205	158	132	66.81	cps
Selenium	77-2	47	30	37	38	22.21	cps
Selenium	78-2	78	90	79	82	8.09	cps
Silicon	28-1	2805219	2759543	2750496	2771753	1.06	cps
Silver	107-1	7077	7536	7636	7416	4.02	cps
Silver	109-1	6727	7269	7119	7038	3.98	cps
Sodium	23-2	10142999	10377585	10363961	10294848	1.28	cps
Strontium	86-1	256021	255975	267193	259730	2.49	cps
Strontium	88-1	2226073	2263055	2255092	2248073	0.87	cps
Sulfur	34-1	718150	717723	720102	718658	0.18	cps
Terbium	159-1	7430087	7043357	7120711	7198051	2.84	cps
Terbium	159-2	4452467	4342063	4381863	4392131	1.27	cps
Thallium	203-1	492	383	333	403	20.09	cps
Thallium	205-1	992	983	1033	1003	2.67	cps
Tin	118-1	128661	131993	132121	130925	1.50	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1JB9	Dilution Factor :	2
Date & Time Acquired ::	2021-12-14 17:42:18	DataFile Name :	115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	98607	102240	99630	100159	1.87	cps
Uranium	238-1	18330	17579	17796	17902	2.16	cps
Vanadium	51-2	14878	14157	14064	14366	3.10	cps
Ytterbium	172-1	1775	1900	1592	1756	8.84	cps
Ytterbium	172-2	1428	1472	1428	1443	1.78	cps
Ytterbium	176-1	1867	2050	2050	1989	5.32	cps
Ytterbium	176-2	6691	7052	7575	7106	6.25	cps
Yttrium	89-1	15159100	15482234	15362236	15334524	1.07	cps
Yttrium	89-2	1877702	1870280	1821115	1856365	1.66	cps
Zinc	66-2	1411401	1399751	1410746	1407299	0.47	cps
Zirconium	90-1	22319	22736	22502	22519	0.93	cps
Zirconium	91-1	5293	4559	4926	4926	7.45	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 17:45:19	DataFile Name :	116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67470	66727	66542	66913	0.73	cps
Antimony	121-1	28622	29708	29040	29123	1.88	cps
Arsenic	75-2	4758	4588	4744	4697	2.01	cps
Barium	135-1	364072	353690	364285	360682	1.68	cps
Barium	137-1	607797	619509	629717	619008	1.77	cps
Beryllium	9-1	864	890	928	894	3.60	cps
Bismuth	209-1	3485996	3490277	3340623	3438965	2.48	cps
Bismuth	209-2	2905813	2813190	2835010	2851338	1.70	cps
Boron	10-1	2496	2524	2410	2476	2.40	cps
Boron	11-1	11670	11392	11154	11406	2.27	cps
Bromine	81-1	18301	17379	18341	18007	3.02	cps
Cadmium	111-1	4232	3846	3992	4024	4.84	cps
Cadmium	106-1	3934	3376	3617	3642	7.69	cps
Cadmium	108-1	192	208	158	186	13.68	cps
Calcium	43-1	39144	38943	39616	39234	0.88	cps
Calcium	44-1	662590	658553	666142	662428	0.57	cps
Carbon	12-1	5662963	5712582	5664704	5680083	0.50	cps
Carbon	12-2	50111	49425	49593	49710	0.72	cps
Chlorine	35-1	11775519	12011663	12291766	12026316	2.15	cps
Chlorine	35-2	82208	82242	80440	81630	1.26	cps
Chromium	52-2	10467	10300	10511	10426	1.06	cps
Cobalt	59-2	4931	5088	4744	4921	3.49	cps
Copper	63-2	1981807	1900594	1910633	1931011	2.29	cps
Dysprosium	156-1	3942	3492	3842	3759	6.29	cps
Dysprosium	156-2	2224	2130	2384	2246	5.71	cps
Erbium	164-1	3225	3426	3367	3339	3.08	cps
Erbium	164-2	2030	2027	2147	2068	3.31	cps
Gadolinium	160-1	3626	3534	3317	3492	4.53	cps
Gadolinium	160-2	2520	2627	2284	2477	7.10	cps
Holmium	165-1	6544677	6371414	6246807	6387632	2.34	cps
Holmium	165-2	4163187	4068409	4123861	4118485	1.16	cps
Indium	115-1	6810808	6778566	6702986	6764120	0.82	cps
Indium	115-2	1278767	1281146	1259447	1273120	0.93	cps
Iron	54-2	371119	366026	367211	368119	0.72	cps
Iron	56-2	6903034	6868434	6684827	6818765	1.72	cps
Iron	57-2	170390	166884	165611	167628	1.48	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 17:45:19	DataFile Name :	116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1233	1070	1167	1157	7.10	cps
Lead	206-1	9449438	9159314	9362420	9323724	1.60	cps
Lead	207-1	8030310	7976651	8036853	8014605	0.41	cps
Lead	208-1	37204942	35978926	37149932	36777933	1.88	cps
Lithium	6-1	4289694	4474022	4274159	4345958	2.56	cps
Magnesium	24-2	34366	34851	33798	34338	1.53	cps
Manganese	55-2	35063	34208	34538	34603	1.25	cps
Molybdenum	94-1	4109	4159	4059	4109	1.22	cps
Molybdenum	95-1	4768	4351	5101	4740	7.93	cps
Molybdenum	96-1	5376	5443	5276	5365	1.56	cps
Molybdenum	97-1	2834	2675	2659	2723	3.55	cps
Molybdenum	98-1	7102	7661	8228	7663	7.34	cps
Neodymium	150-1	6222	6162	6242	6208	0.67	cps
Neodymium	150-2	2544	2634	2680	2619	2.65	cps
Nickel	60-2	5481	5451	5278	5403	2.03	cps
Phosphorus	31-2	1633	1675	1642	1650	1.34	cps
Potassium	39-2	35060	33197	33005	33754	3.36	cps
Rhodium	103-1	6580848	6921571	6569688	6690702	2.99	cps
Rhodium	103-2	3764206	3764871	3767864	3765647	0.05	cps
Scandium	45-1	6318455	6486689	6143414	6316186	2.72	cps
Scandium	45-2	212081	213416	207867	211121	1.37	cps
Selenium	82-1	-43	75	-32	0	-27906.46	cps
Selenium	77-2	10	23	10	14	53.28	cps
Selenium	78-2	83	75	77	78	5.31	cps
Silicon	28-1	1888963	1864657	1884200	1879273	0.69	cps
Silver	107-1	2242	2284	2242	2256	1.07	cps
Silver	109-1	2175	1917	2150	2081	6.85	cps
Sodium	23-2	34600	35410	34525	34845	1.41	cps
Strontium	86-1	77238	76946	75647	76611	1.11	cps
Strontium	88-1	639267	621946	656282	639165	2.69	cps
Sulfur	34-1	443665	444190	443866	443907	0.06	cps
Terbium	159-1	6820926	6894472	6810409	6841936	0.67	cps
Terbium	159-2	4155545	4115982	4249835	4173787	1.65	cps
Thallium	203-1	450	542	542	511	10.35	cps
Thallium	205-1	1233	1117	1167	1172	4.99	cps
Tin	118-1	54226	54510	55564	54766	1.29	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A0BC7	Dilution Factor :	5
Date & Time Acquired ::	2021-12-14 17:45:19	DataFile Name :	116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	64220	63726	65275	64407	1.23	cps
Uranium	238-1	2950	2842	3334	3042	8.49	cps
Vanadium	51-2	25853	25362	25322	25513	1.16	cps
Ytterbium	172-1	850	958	933	914	6.21	cps
Ytterbium	172-2	711	694	672	693	2.82	cps
Ytterbium	176-1	1375	1350	1583	1436	8.92	cps
Ytterbium	176-2	6379	6279	6502	6387	1.74	cps
Yttrium	89-1	14314611	13947679	14058580	14106957	1.33	cps
Yttrium	89-2	1769404	1808005	1770365	1782592	1.23	cps
Zinc	66-2	351371	344962	343998	346777	1.16	cps
Zirconium	90-1	4101	3834	4151	4028	4.23	cps
Zirconium	91-1	992	858	925	925	7.21	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:48:17	DataFile Name :	117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35823	35793	36036	35884	0.37	cps
Antimony	121-1	21426	21676	21726	21609	0.75	cps
Arsenic	75-2	2744	2837	2915	2832	3.02	cps
Barium	135-1	202998	207234	211868	207367	2.14	cps
Barium	137-1	345845	356953	346915	349904	1.75	cps
Beryllium	9-1	586	478	638	567	14.39	cps
Bismuth	209-1	3570546	3601622	3441435	3537868	2.40	cps
Bismuth	209-2	2813840	2781482	2771697	2789006	0.79	cps
Boron	10-1	1918	1846	1930	1898	2.39	cps
Boron	11-1	8499	8509	8661	8556	1.06	cps
Bromine	81-1	16928	17860	17459	17416	2.69	cps
Cadmium	111-1	3320	3300	3207	3276	1.84	cps
Cadmium	106-1	3567	3501	3526	3531	0.95	cps
Cadmium	108-1	133	108	117	119	10.66	cps
Calcium	43-1	21125	21205	21411	21247	0.69	cps
Calcium	44-1	363082	364788	369082	365651	0.85	cps
Carbon	12-1	5257656	5290909	5173735	5240767	1.15	cps
Carbon	12-2	46700	44786	45764	45750	2.09	cps
Chlorine	35-1	7421647	7467555	7328780	7405994	0.95	cps
Chlorine	35-2	47687	47428	47763	47626	0.37	cps
Chromium	52-2	5514	5381	5541	5479	1.57	cps
Cobalt	59-2	3110	2880	2950	2980	3.96	cps
Copper	63-2	481563	469563	474683	475270	1.27	cps
Dysprosium	156-1	1934	1975	1717	1875	7.40	cps
Dysprosium	156-2	1117	1147	1050	1105	4.48	cps
Erbium	164-1	1642	1508	1550	1567	4.35	cps
Erbium	164-2	973	963	973	970	0.60	cps
Gadolinium	160-1	1575	1633	1692	1633	3.57	cps
Gadolinium	160-2	1217	1283	1240	1247	2.71	cps
Holmium	165-1	6498643	6427052	6191928	6372541	2.52	cps
Holmium	165-2	4094749	4088524	4182138	4121804	1.27	cps
Indium	115-1	6787473	6922405	6530325	6746734	2.95	cps
Indium	115-2	1260327	1243984	1250817	1251709	0.66	cps
Iron	54-2	398813	392507	392164	394495	0.95	cps
Iron	56-2	7104006	7313973	7282527	7233502	1.57	cps
Iron	57-2	178271	179006	178026	178434	0.29	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:48:17	DataFile Name :	117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1143	1050	1097	4.26	cps
Lead	206-1	6290491	6444634	6507229	6414118	1.74	cps
Lead	207-1	5354450	5489453	5471553	5438485	1.35	cps
Lead	208-1	24823816	25738291	25476182	25346096	1.86	cps
Lithium	6-1	4287200	4336217	4072000	4231806	3.32	cps
Magnesium	24-2	16201	16168	17052	16474	3.04	cps
Manganese	55-2	19276	19493	19533	19434	0.71	cps
Molybdenum	94-1	3776	3342	3150	3423	9.36	cps
Molybdenum	95-1	2959	3100	3200	3087	3.93	cps
Molybdenum	96-1	3567	3901	3801	3756	4.56	cps
Molybdenum	97-1	1967	1859	1959	1928	3.13	cps
Molybdenum	98-1	4884	5018	5426	5109	5.53	cps
Neodymium	150-1	2874	2994	2847	2905	2.69	cps
Neodymium	150-2	1187	1333	1250	1257	5.85	cps
Nickel	60-2	4004	4051	3817	3957	3.12	cps
Phosphorus	31-2	1133	1075	1075	1095	3.08	cps
Potassium	39-2	28045	26984	28429	27819	2.69	cps
Rhodium	103-1	6956983	6757533	6400910	6705142	4.20	cps
Rhodium	103-2	3594429	3670636	3727397	3664154	1.82	cps
Scandium	45-1	6338496	6268674	6199553	6268908	1.11	cps
Scandium	45-2	208651	202201	205169	205340	1.57	cps
Selenium	82-1	77	53	124	85	42.79	cps
Selenium	77-2	10	3	13	9	57.30	cps
Selenium	78-2	74	59	60	64	13.03	cps
Silicon	28-1	1344726	1350913	1372696	1356112	1.08	cps
Silver	107-1	917	942	883	914	3.20	cps
Silver	109-1	1008	883	925	939	6.78	cps
Sodium	23-2	27092	26750	26575	26806	0.98	cps
Strontium	86-1	44280	44447	45132	44619	1.01	cps
Strontium	88-1	356145	365155	361742	361014	1.26	cps
Sulfur	34-1	422778	429608	428926	427104	0.88	cps
Terbium	159-1	6631061	6792640	6347578	6590426	3.42	cps
Terbium	159-2	4157187	3975285	3984628	4039034	2.54	cps
Thallium	203-1	358	258	317	311	16.15	cps
Thallium	205-1	875	783	958	872	10.04	cps
Tin	118-1	48470	49415	50427	49437	1.98	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-05DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BB8	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:48:17	DataFile Name :	117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	41185	41411	42547	41714	1.75	cps
Uranium	238-1	1525	1767	1800	1697	8.84	cps
Vanadium	51-2	19103	19320	19710	19378	1.59	cps
Ytterbium	172-1	492	525	392	469	14.78	cps
Ytterbium	172-2	300	433	367	367	18.18	cps
Ytterbium	176-1	983	1050	1000	1011	3.43	cps
Ytterbium	176-2	6129	5879	6318	6109	3.61	cps
Yttrium	89-1	14108069	14099237	13295949	13834419	3.37	cps
Yttrium	89-2	1713641	1728928	1714184	1718918	0.50	cps
Zinc	66-2	211125	213677	209041	211281	1.10	cps
Zirconium	90-1	3959	4609	4201	4256	7.72	cps
Zirconium	91-1	1083	867	1100	1017	12.80	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:51:19	DataFile Name :	118AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28617	29251	28627	28831	1.26	cps
Antimony	121-1	1360818	1354252	1351273	1355448	0.36	cps
Arsenic	75-2	789	756	822	789	4.18	cps
Barium	135-1	227325	235635	244447	235802	3.63	cps
Barium	137-1	396170	404283	402463	400972	1.06	cps
Beryllium	9-1	194	178	194	189	4.89	cps
Bismuth	209-1	3393316	3473273	3418802	3428463	1.19	cps
Bismuth	209-2	2901930	2894243	2790206	2862126	2.18	cps
Boron	10-1	1542	1550	1564	1552	0.72	cps
Boron	11-1	6902	7452	7404	7253	4.20	cps
Bromine	81-1	16757	18541	16897	17399	5.70	cps
Cadmium	111-1	18436	17923	17903	18087	1.67	cps
Cadmium	106-1	5134	4993	4901	5009	2.35	cps
Cadmium	108-1	1192	1175	1100	1156	4.23	cps
Calcium	43-1	123049	124974	123961	123995	0.78	cps
Calcium	44-1	2052222	2018602	2114836	2061887	2.37	cps
Carbon	12-1	4862623	4992609	4910518	4921916	1.34	cps
Carbon	12-2	44903	43707	43875	44162	1.47	cps
Chlorine	35-1	5666815	5650127	5720175	5679039	0.64	cps
Chlorine	35-2	39045	39011	39788	39282	1.12	cps
Chromium	52-2	4417	4567	4294	4426	3.09	cps
Cobalt	59-2	3164	3127	3080	3124	1.34	cps
Copper	63-2	565970	560467	553021	559819	1.16	cps
Dysprosium	156-1	967	825	842	878	8.82	cps
Dysprosium	156-2	573	517	533	541	5.38	cps
Erbium	164-1	983	825	883	897	8.93	cps
Erbium	164-2	540	623	470	544	14.10	cps
Gadolinium	160-1	917	725	808	817	11.77	cps
Gadolinium	160-2	650	650	653	651	0.30	cps
Holmium	165-1	6502894	6430760	6296403	6410019	1.63	cps
Holmium	165-2	4341789	4259036	4197082	4265969	1.70	cps
Indium	115-1	6645739	6892778	6988345	6842287	2.58	cps
Indium	115-2	1283693	1299683	1271801	1285059	1.09	cps
Iron	54-2	722507	736598	713693	724266	1.60	cps
Iron	56-2	13668488	13633550	13441124	13581054	0.90	cps
Iron	57-2	333335	335274	324806	331139	1.68	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:51:19	DataFile Name :	118AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1147	1050	1115	5.01	cps
Lead	206-1	5469621	5520551	5673303	5554492	1.91	cps
Lead	207-1	4250579	4403775	4437236	4363863	2.28	cps
Lead	208-1	20106773	20813163	20835123	20585020	2.01	cps
Lithium	6-1	4422460	4277466	4264268	4321398	2.03	cps
Magnesium	24-2	100555	102787	98029	100457	2.37	cps
Manganese	55-2	53935	54540	53821	54099	0.71	cps
Molybdenum	94-1	967	867	908	914	5.50	cps
Molybdenum	95-1	583	675	692	650	8.97	cps
Molybdenum	96-1	1058	1075	1267	1133	10.22	cps
Molybdenum	97-1	375	325	392	364	9.54	cps
Molybdenum	98-1	1025	958	958	981	3.93	cps
Neodymium	150-1	1267	1427	1487	1393	8.16	cps
Neodymium	150-2	727	720	717	721	0.71	cps
Nickel	60-2	2340	2457	2274	2357	3.94	cps
Phosphorus	31-2	333	392	342	356	8.87	cps
Potassium	39-2	29372	28963	29748	29361	1.34	cps
Rhodium	103-1	6792911	6794401	6626752	6738021	1.43	cps
Rhodium	103-2	3847362	3816592	3848587	3837513	0.47	cps
Scandium	45-1	6243945	6287157	6261642	6264248	0.35	cps
Scandium	45-2	211022	212263	210365	211217	0.46	cps
Selenium	82-1	-49	-62	26	-28	-167.98	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	78	59	57	65	17.92	cps
Silicon	28-1	1682193	1703513	1692119	1692608	0.63	cps
Silver	107-1	1067	1042	1033	1047	1.66	cps
Silver	109-1	942	850	942	911	5.81	cps
Sodium	23-2	29264	29898	28420	29194	2.54	cps
Strontium	86-1	85496	87926	89823	87748	2.47	cps
Strontium	88-1	707528	714188	735747	719155	2.05	cps
Sulfur	34-1	420719	427639	430447	426268	1.17	cps
Terbium	159-1	6695468	6793746	6793800	6761004	0.84	cps
Terbium	159-2	4238156	4221203	4131274	4196877	1.37	cps
Thallium	203-1	200	267	133	200	33.33	cps
Thallium	205-1	517	458	492	489	5.99	cps
Tin	118-1	49407	48044	47860	48437	1.74	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:51:19	DataFile Name :	118AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	28696	28629	28763	28696	0.23	cps
Uranium	238-1	1133	1167	933	1078	11.71	cps
Vanadium	51-2	3097	3040	3034	3057	1.14	cps
Ytterbium	172-1	208	267	283	253	15.58	cps
Ytterbium	172-2	233	211	256	233	9.52	cps
Ytterbium	176-1	775	958	867	867	10.58	cps
Ytterbium	176-2	5896	6079	6168	6048	2.30	cps
Yttrium	89-1	14010391	14295171	13671549	13992370	2.23	cps
Yttrium	89-2	1790775	1775366	1788613	1784918	0.47	cps
Zinc	66-2	1181370	1187409	1192165	1186981	0.46	cps
Zirconium	90-1	1408	1792	1625	1608	11.95	cps
Zirconium	91-1	400	350	367	372	6.84	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-08DLX10 Instrumnet Name : P8
 Client Sample ID : A0BC0D Dilution Factor : 10
 Date & Time Acquired :: 2021-12-14 17:54:16 DataFile Name : 119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30264	29984	30085	30111	0.47	cps
Antimony	121-1	1425370	1469821	1453297	1449496	1.55	cps
Arsenic	75-2	850	881	886	872	2.24	cps
Barium	135-1	273862	273537	283578	276992	2.06	cps
Barium	137-1	477311	476003	477601	476972	0.18	cps
Beryllium	9-1	180	138	152	157	13.65	cps
Bismuth	209-1	3304759	3519613	3445558	3423310	3.19	cps
Bismuth	209-2	2858920	2866194	2857244	2860786	0.17	cps
Boron	10-1	1462	1482	1354	1432	4.81	cps
Boron	11-1	6550	6336	6308	6398	2.07	cps
Bromine	81-1	18100	16898	17148	17382	3.65	cps
Cadmium	111-1	21815	21567	21564	21649	0.67	cps
Cadmium	106-1	5359	5676	5418	5485	3.07	cps
Cadmium	108-1	1363	1504	1613	1493	8.40	cps
Calcium	43-1	124922	127636	125268	125942	1.17	cps
Calcium	44-1	2024827	2125540	2129728	2093365	2.84	cps
Carbon	12-1	5010154	4938434	4998441	4982343	0.77	cps
Carbon	12-2	43298	43615	43908	43607	0.70	cps
Chlorine	35-1	4943374	5091974	5150799	5062049	2.11	cps
Chlorine	35-2	34433	34433	34492	34453	0.10	cps
Chromium	52-2	4407	4617	4364	4463	3.04	cps
Cobalt	59-2	3954	3827	3984	3922	2.12	cps
Copper	63-2	800813	802287	796008	799703	0.41	cps
Dysprosium	156-1	1008	900	958	956	5.67	cps
Dysprosium	156-2	577	577	697	617	11.24	cps
Erbium	164-1	783	808	867	819	5.22	cps
Erbium	164-2	570	477	527	524	8.91	cps
Gadolinium	160-1	825	892	908	875	5.04	cps
Gadolinium	160-2	697	757	597	683	11.83	cps
Holmium	165-1	6146003	6541511	6429819	6372445	3.20	cps
Holmium	165-2	4164849	4193018	4215849	4191239	0.61	cps
Indium	115-1	6730251	6833086	6477656	6680331	2.74	cps
Indium	115-2	1313065	1309729	1295540	1306111	0.71	cps
Iron	54-2	657681	663283	659019	659994	0.44	cps
Iron	56-2	12275013	11965300	12140072	12126795	1.28	cps
Iron	57-2	300227	297931	299272	299143	0.39	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:54:16	DataFile Name :	119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1087	1157	1140	4.15	cps
Lead	206-1	8275432	8300847	8389017	8321765	0.72	cps
Lead	207-1	6399024	6390830	6469659	6419838	0.68	cps
Lead	208-1	30845329	30991617	31184674	31007207	0.55	cps
Lithium	6-1	4149646	4336947	4277758	4254784	2.25	cps
Magnesium	24-2	100043	102266	99749	100686	1.37	cps
Manganese	55-2	55969	54922	55012	55301	1.05	cps
Molybdenum	94-1	1083	1008	833	975	13.16	cps
Molybdenum	95-1	608	733	708	683	9.68	cps
Molybdenum	96-1	1083	1283	1183	1183	8.45	cps
Molybdenum	97-1	425	442	375	414	8.38	cps
Molybdenum	98-1	1008	1158	1108	1092	7.00	cps
Neodymium	150-1	1413	1493	1600	1502	6.23	cps
Neodymium	150-2	683	770	707	720	6.23	cps
Nickel	60-2	2727	2834	2457	2673	7.27	cps
Phosphorus	31-2	367	292	350	336	11.72	cps
Potassium	39-2	29105	29113	29614	29277	1.00	cps
Rhodium	103-1	6461329	6839775	6766691	6689265	3.00	cps
Rhodium	103-2	3790723	3892134	3838820	3840559	1.32	cps
Scandium	45-1	6158333	6434339	6140228	6244300	2.64	cps
Scandium	45-2	212188	215843	211465	213165	1.10	cps
Selenium	82-1	-92	-31	-67	-63	-48.83	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	54	54	51	53	3.27	cps
Silicon	28-1	1603263	1610603	1626101	1613323	0.72	cps
Silver	107-1	1350	1408	1150	1303	10.40	cps
Silver	109-1	1142	1100	1175	1139	3.30	cps
Sodium	23-2	26491	26959	26266	26572	1.33	cps
Strontium	86-1	82712	83215	84440	83456	1.06	cps
Strontium	88-1	689092	715288	695418	699933	1.95	cps
Sulfur	34-1	428576	433278	437665	433173	1.05	cps
Terbium	159-1	6773854	7057301	6743718	6858291	2.52	cps
Terbium	159-2	4190709	4227590	4195764	4204688	0.48	cps
Thallium	203-1	258	200	150	203	26.74	cps
Thallium	205-1	500	467	392	453	12.25	cps
Tin	118-1	147054	148250	147576	147627	0.41	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 17:54:16	DataFile Name :	119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	31043	30007	29840	30297	2.15	cps
Uranium	238-1	858	1150	908	972	16.04	cps
Vanadium	51-2	3587	3534	3464	3528	1.75	cps
Ytterbium	172-1	250	275	242	256	6.79	cps
Ytterbium	172-2	211	217	178	202	10.42	cps
Ytterbium	176-1	858	833	950	881	6.98	cps
Ytterbium	176-2	5979	6135	6496	6203	4.27	cps
Yttrium	89-1	13437130	14193429	13999223	13876594	2.83	cps
Yttrium	89-2	1821978	1815754	1783468	1807067	1.14	cps
Zinc	66-2	1506147	1444811	1446435	1465798	2.38	cps
Zirconium	90-1	1758	1675	1558	1664	6.04	cps
Zirconium	91-1	367	342	342	350	4.12	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDLX50	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	50
Date & Time Acquired ::	2021-12-14 17:57:14	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5669	5504	5545	5573	1.54	cps
Antimony	121-1	256133	261534	258270	258646	1.05	cps
Arsenic	75-2	145	160	170	158	7.95	cps
Barium	135-1	44458	44658	45126	44747	0.77	cps
Barium	137-1	76744	74590	77692	76342	2.08	cps
Beryllium	9-1	126	68	106	100	29.46	cps
Bismuth	209-1	3343672	3353191	3464556	3387140	1.98	cps
Bismuth	209-2	2869820	2920814	2777689	2856108	2.54	cps
Boron	10-1	1112	1154	1072	1112	3.69	cps
Boron	11-1	5186	5276	5294	5252	1.10	cps
Bromine	81-1	16457	16196	16607	16420	1.27	cps
Cadmium	111-1	5155	5435	5682	5424	4.86	cps
Cadmium	106-1	3559	3609	3926	3698	5.38	cps
Cadmium	108-1	213	250	238	233	8.19	cps
Calcium	43-1	23257	24122	23689	23689	1.83	cps
Calcium	44-1	405289	405711	409405	406801	0.56	cps
Carbon	12-1	4680261	4731018	4763979	4725086	0.89	cps
Carbon	12-2	42813	43189	43106	43036	0.46	cps
Chlorine	35-1	3544644	3414835	3413988	3457822	2.17	cps
Chlorine	35-2	22276	22309	20515	21700	4.73	cps
Chromium	52-2	1470	1523	1487	1493	1.83	cps
Cobalt	59-2	650	603	697	650	7.18	cps
Copper	63-2	107282	104622	105079	105661	1.35	cps
Dysprosium	156-1	200	183	150	178	14.32	cps
Dysprosium	156-2	123	103	97	108	12.88	cps
Erbium	164-1	208	133	208	183	23.62	cps
Erbium	164-2	110	117	130	119	8.57	cps
Gadolinium	160-1	142	208	175	175	19.05	cps
Gadolinium	160-2	227	197	180	201	11.76	cps
Holmium	165-1	6318688	6177874	6256683	6251081	1.13	cps
Holmium	165-2	4235835	4204858	4027550	4156081	2.70	cps
Indium	115-1	6507074	6394278	6812281	6571211	3.29	cps
Indium	115-2	1287584	1281275	1229150	1266003	2.53	cps
Iron	54-2	140613	137719	136232	138188	1.61	cps
Iron	56-2	2594975	2544764	2574794	2571511	0.98	cps
Iron	57-2	62108	62135	61845	62029	0.26	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDLX50	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	50
Date & Time Acquired ::	2021-12-14 17:57:14	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	943	1113	1042	8.48	cps
Lead	206-1	962426	971765	1007847	980679	2.45	cps
Lead	207-1	753962	756488	796222	768891	3.08	cps
Lead	208-1	3782949	3766500	3923200	3824216	2.25	cps
Lithium	6-1	4228648	4194635	4184640	4202641	0.55	cps
Magnesium	24-2	19272	19080	19155	19169	0.50	cps
Manganese	55-2	10604	10207	9940	10250	3.26	cps
Molybdenum	94-1	350	317	375	347	8.43	cps
Molybdenum	95-1	142	108	142	131	14.74	cps
Molybdenum	96-1	342	283	358	328	12.02	cps
Molybdenum	97-1	83	108	83	92	15.74	cps
Molybdenum	98-1	258	275	225	253	10.07	cps
Neodymium	150-1	340	380	187	302	33.77	cps
Neodymium	150-2	130	117	130	126	6.13	cps
Nickel	60-2	573	507	477	519	9.54	cps
Phosphorus	31-2	208	250	192	217	13.87	cps
Potassium	39-2	21258	21750	21367	21458	1.21	cps
Rhodium	103-1	6386481	6511991	6507182	6468551	1.10	cps
Rhodium	103-2	3829316	3808155	3577748	3738407	3.73	cps
Scandium	45-1	6069226	6148017	6248927	6155390	1.46	cps
Scandium	45-2	208920	211001	199513	206478	2.96	cps
Selenium	82-1	3	171	22	65	140.38	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	62	63	63	63	0.92	cps
Silicon	28-1	908638	929696	929178	922504	1.30	cps
Silver	107-1	350	292	300	314	10.05	cps
Silver	109-1	225	317	333	292	20.00	cps
Sodium	23-2	18646	17761	17519	17975	3.30	cps
Strontium	86-1	18037	17295	18095	17809	2.51	cps
Strontium	88-1	139984	135422	136104	137170	1.79	cps
Sulfur	34-1	428848	429186	428151	428728	0.12	cps
Terbium	159-1	6509592	6539021	6889195	6645936	3.18	cps
Terbium	159-2	4175508	4279799	4044247	4166518	2.83	cps
Thallium	203-1	133	133	142	136	3.53	cps
Thallium	205-1	367	283	400	350	17.17	cps
Tin	118-1	9921	10221	9820	9987	2.09	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDLX50	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	50
Date & Time Acquired ::	2021-12-14 17:57:14	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5259	5410	5601	5423	3.16	cps
Uranium	238-1	250	225	158	211	22.45	cps
Vanadium	51-2	533	590	570	564	5.09	cps
Ytterbium	172-1	75	58	92	75	22.23	cps
Ytterbium	172-2	33	56	39	43	27.16	cps
Ytterbium	176-1	633	892	867	797	17.87	cps
Ytterbium	176-2	5651	6113	5913	5892	3.93	cps
Yttrium	89-1	13345290	13871676	14111836	13776267	2.85	cps
Yttrium	89-2	1746878	1798188	1687484	1744183	3.18	cps
Zinc	66-2	220575	223864	223813	222751	0.85	cps
Zirconium	90-1	1017	875	900	931	8.13	cps
Zirconium	91-1	167	200	175	181	9.61	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 18:00:15	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34288	34228	33768	34095	0.83	cps
Antimony	121-1	1390659	1417860	1389943	1399488	1.14	cps
Arsenic	75-2	1083	1090	1094	1089	0.51	cps
Barium	135-1	217414	212433	207336	212394	2.37	cps
Barium	137-1	366819	365805	363952	365525	0.40	cps
Beryllium	9-1	1936	1978	1876	1930	2.66	cps
Bismuth	209-1	3447708	3562044	3456855	3488869	1.82	cps
Bismuth	209-2	2834399	2901516	2803905	2846607	1.75	cps
Boron	10-1	1126	1012	1158	1098	6.99	cps
Boron	11-1	4876	5266	4976	5039	4.02	cps
Bromine	81-1	17018	17268	16948	17078	0.99	cps
Cadmium	111-1	20659	20382	20523	20521	0.67	cps
Cadmium	106-1	5660	5368	5209	5412	4.22	cps
Cadmium	108-1	1438	1433	1438	1436	0.17	cps
Calcium	43-1	158862	158315	160330	159169	0.65	cps
Calcium	44-1	2605145	2621405	2525453	2584001	1.99	cps
Carbon	12-1	4940468	4775692	4912014	4876058	1.81	cps
Carbon	12-2	43683	44008	43674	43788	0.44	cps
Chlorine	35-1	3806391	4047435	4167842	4007223	4.59	cps
Chlorine	35-2	29397	28954	30241	29531	2.21	cps
Chromium	52-2	11832	12012	11638	11827	1.58	cps
Cobalt	59-2	34178	35404	33994	34525	2.22	cps
Copper	63-2	639758	639303	641827	640296	0.21	cps
Dysprosium	156-1	1050	1100	1092	1081	2.48	cps
Dysprosium	156-2	590	557	650	599	7.90	cps
Erbium	164-1	1033	800	983	939	13.08	cps
Erbium	164-2	547	553	587	562	3.81	cps
Gadolinium	160-1	1033	933	842	936	10.24	cps
Gadolinium	160-2	693	697	697	696	0.28	cps
Holmium	165-1	6414535	6369804	6203070	6329136	1.76	cps
Holmium	165-2	4326217	4174953	4126040	4209070	2.48	cps
Indium	115-1	6618539	6782539	6564184	6655088	1.71	cps
Indium	115-2	1286600	1302426	1279281	1289436	0.92	cps
Iron	54-2	713706	708795	697226	706576	1.20	cps
Iron	56-2	13406073	12903998	13109669	13139913	1.92	cps
Iron	57-2	320338	322164	318008	320170	0.65	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 18:00:15	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1183	1023	1118	7.50	cps
Lead	206-1	4385016	4505179	4289176	4393124	2.46	cps
Lead	207-1	3444318	3559220	3473063	3492200	1.71	cps
Lead	208-1	16309226	16621279	16600517	16510341	1.06	cps
Lithium	6-1	4393528	4380810	4210462	4328267	2.36	cps
Magnesium	24-2	120893	117750	118849	119164	1.34	cps
Manganese	55-2	63996	63527	64790	64104	1.00	cps
Molybdenum	94-1	1133	875	875	961	15.52	cps
Molybdenum	95-1	575	650	575	600	7.22	cps
Molybdenum	96-1	1075	925	1117	1039	9.70	cps
Molybdenum	97-1	400	375	367	381	4.56	cps
Molybdenum	98-1	817	1117	967	967	15.52	cps
Neodymium	150-1	1580	1600	1633	1605	1.68	cps
Neodymium	150-2	673	773	760	736	7.38	cps
Nickel	60-2	11281	10914	10744	10980	2.50	cps
Phosphorus	31-2	367	367	358	364	1.32	cps
Potassium	39-2	31385	30383	30207	30658	2.07	cps
Rhodium	103-1	6593171	6825551	6616671	6678464	1.92	cps
Rhodium	103-2	3769824	3838208	3797164	3801732	0.91	cps
Scandium	45-1	6272547	6327409	5989860	6196606	2.92	cps
Scandium	45-2	211583	212125	209059	210922	0.78	cps
Selenium	82-1	113	72	238	141	61.41	cps
Selenium	77-2	13	7	13	11	34.61	cps
Selenium	78-2	84	76	85	82	6.04	cps
Silicon	28-1	1973744	1962180	1945394	1960440	0.73	cps
Silver	107-1	7469	6935	7836	7413	6.11	cps
Silver	109-1	6902	7027	7110	7013	1.50	cps
Sodium	23-2	32194	32153	32245	32197	0.14	cps
Strontium	86-1	98271	97231	100555	98685	1.72	cps
Strontium	88-1	825809	832989	831103	829967	0.45	cps
Sulfur	34-1	433243	434860	431061	433055	0.44	cps
Terbium	159-1	6838352	7022287	6819276	6893305	1.63	cps
Terbium	159-2	4091729	4233083	4096145	4140319	1.94	cps
Thallium	203-1	2400	2600	2684	2561	5.69	cps
Thallium	205-1	6193	6152	5693	6013	4.62	cps
Tin	118-1	51916	53154	53966	53012	1.95	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DLX10	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	10
Date & Time Acquired ::	2021-12-14 18:00:15	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	32204	31853	32262	32106	0.69	cps
Uranium	238-1	1542	1317	1275	1378	10.41	cps
Vanadium	51-2	18031	17935	17668	17878	1.05	cps
Ytterbium	172-1	267	325	275	289	10.92	cps
Ytterbium	172-2	228	206	222	219	5.29	cps
Ytterbium	176-1	892	858	792	847	6.01	cps
Ytterbium	176-2	5874	6396	6630	6300	6.14	cps
Yttrium	89-1	13674361	14094402	13737781	13835515	1.64	cps
Yttrium	89-2	1791984	1775191	1752226	1773134	1.13	cps
Zinc	66-2	1640270	1637861	1637454	1638528	0.09	cps
Zirconium	90-1	1608	1708	1767	1695	4.73	cps
Zirconium	91-1	458	442	500	467	6.44	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:03:13	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14424	14681	14564	14556	0.88	cps
Antimony	121-1	674546	687732	691507	684595	1.30	cps
Arsenic	75-2	471	407	417	432	7.98	cps
Barium	135-1	115166	116248	118123	116512	1.28	cps
Barium	137-1	200440	200037	201864	200780	0.48	cps
Beryllium	9-1	148	114	118	127	14.67	cps
Bismuth	209-1	3310036	3356924	3350005	3338988	0.76	cps
Bismuth	209-2	2752360	2951879	2835030	2846423	3.52	cps
Boron	10-1	1044	1054	1002	1033	2.67	cps
Boron	11-1	4886	4704	4594	4728	3.12	cps
Bromine	81-1	17118	17519	17419	17352	1.20	cps
Cadmium	111-1	10317	10251	10964	10511	3.75	cps
Cadmium	106-1	4184	4192	4718	4365	7.00	cps
Cadmium	108-1	496	671	654	607	15.91	cps
Calcium	43-1	62617	62885	63654	63052	0.85	cps
Calcium	44-1	1034997	1046245	1057152	1046131	1.06	cps
Carbon	12-1	4868829	4680814	4932602	4827415	2.71	cps
Carbon	12-2	42922	43223	43080	43075	0.35	cps
Chlorine	35-1	3250085	3292106	3283897	3275363	0.68	cps
Chlorine	35-2	21483	21809	21692	21661	0.76	cps
Chromium	52-2	2634	2600	2560	2598	1.41	cps
Cobalt	59-2	1607	1590	1527	1575	2.68	cps
Copper	63-2	286347	280103	278920	281790	1.42	cps
Dysprosium	156-1	342	442	525	436	21.05	cps
Dysprosium	156-2	277	277	243	266	7.25	cps
Erbium	164-1	375	467	533	458	17.34	cps
Erbium	164-2	277	220	230	242	12.49	cps
Gadolinium	160-1	417	400	417	411	2.34	cps
Gadolinium	160-2	337	303	377	339	10.84	cps
Holmium	165-1	6169554	6175975	6528796	6291441	3.27	cps
Holmium	165-2	4077146	4249283	4270747	4199058	2.53	cps
Indium	115-1	6587670	6924630	6858799	6790366	2.63	cps
Indium	115-2	1242848	1306267	1313796	1287637	3.03	cps
Iron	54-2	370038	368511	364486	367678	0.78	cps
Iron	56-2	6789980	6865425	6685068	6780158	1.34	cps
Iron	57-2	169074	164971	163230	165758	1.81	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:03:13	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1080	1037	1069	2.65	cps
Lead	206-1	2795776	2755814	2830198	2793930	1.33	cps
Lead	207-1	2201511	2152425	2262935	2205624	2.51	cps
Lead	208-1	10385955	10239384	10615362	10413567	1.82	cps
Lithium	6-1	4217056	4188135	4240396	4215196	0.62	cps
Magnesium	24-2	50262	50580	51023	50622	0.76	cps
Manganese	55-2	26956	27350	26511	26939	1.56	cps
Molybdenum	94-1	550	617	525	564	8.40	cps
Molybdenum	95-1	375	325	333	344	7.78	cps
Molybdenum	96-1	642	500	508	550	14.45	cps
Molybdenum	97-1	200	275	225	233	16.37	cps
Molybdenum	98-1	475	575	542	531	9.60	cps
Neodymium	150-1	827	780	847	818	4.18	cps
Neodymium	150-2	320	350	327	332	4.74	cps
Nickel	60-2	1117	1353	1107	1192	11.71	cps
Phosphorus	31-2	258	342	225	275	21.85	cps
Potassium	39-2	23486	24680	24446	24204	2.61	cps
Rhodium	103-1	6659957	6785672	6592264	6679298	1.47	cps
Rhodium	103-2	3667118	3915675	3816207	3799666	3.29	cps
Scandium	45-1	6093408	6131358	6324771	6183179	2.01	cps
Scandium	45-2	205856	211806	213048	210237	1.83	cps
Selenium	82-1	6	-10	57	18	198.00	cps
Selenium	77-2	0	0	20	7	173.21	cps
Selenium	78-2	59	66	67	64	6.81	cps
Silicon	28-1	1236709	1221590	1226316	1228205	0.63	cps
Silver	107-1	742	633	625	667	9.76	cps
Silver	109-1	608	600	517	575	8.82	cps
Sodium	23-2	20323	21316	20924	20854	2.40	cps
Strontium	86-1	42959	43301	45107	43789	2.64	cps
Strontium	88-1	359677	359117	375321	364705	2.52	cps
Sulfur	34-1	432311	430428	428878	430539	0.40	cps
Terbium	159-1	6558549	6761706	6870446	6730234	2.35	cps
Terbium	159-2	4110197	4290803	4321387	4240796	2.69	cps
Thallium	203-1	133	175	208	172	21.82	cps
Thallium	205-1	367	425	375	389	8.11	cps
Tin	118-1	22945	24773	25758	24492	5.83	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:03:13	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14833	13832	14875	14513	4.07	cps
Uranium	238-1	508	458	408	458	10.91	cps
Vanadium	51-2	1717	1557	1650	1641	4.90	cps
Ytterbium	172-1	175	117	125	139	22.72	cps
Ytterbium	172-2	106	111	144	120	17.47	cps
Ytterbium	176-1	625	658	583	622	6.04	cps
Ytterbium	176-2	6140	6396	6463	6333	2.69	cps
Yttrium	89-1	13248005	13464564	14323147	13678572	4.16	cps
Yttrium	89-2	1751037	1816529	1799535	1789034	1.90	cps
Zinc	66-2	597720	584942	589711	590791	1.09	cps
Zirconium	90-1	1192	1225	1092	1170	5.93	cps
Zirconium	91-1	358	292	258	303	16.82	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:06:13	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14887	14930	14703	14840	0.81	cps
Antimony	121-1	702976	722153	705863	710331	1.46	cps
Arsenic	75-2	401	413	466	427	8.11	cps
Barium	135-1	136689	139335	133876	136633	2.00	cps
Barium	137-1	235058	230246	236346	233883	1.37	cps
Beryllium	9-1	138	116	176	143	21.18	cps
Bismuth	209-1	3293736	3485351	3439695	3406261	2.94	cps
Bismuth	209-2	2868756	2793320	2871279	2844452	1.56	cps
Boron	10-1	976	1002	994	991	1.34	cps
Boron	11-1	4230	4300	4276	4268	0.83	cps
Bromine	81-1	16888	17168	16978	17011	0.84	cps
Cadmium	111-1	11664	12170	11290	11708	3.77	cps
Cadmium	106-1	4034	4242	4009	4095	3.13	cps
Cadmium	108-1	763	671	754	729	6.95	cps
Calcium	43-1	62221	62043	62457	62240	0.33	cps
Calcium	44-1	1032685	1049261	1046210	1042719	0.85	cps
Carbon	12-1	4728155	4714205	4756910	4733090	0.46	cps
Carbon	12-2	42153	42663	42830	42549	0.83	cps
Chlorine	35-1	2909093	3006373	3008617	2974694	1.91	cps
Chlorine	35-2	20540	20640	20674	20618	0.34	cps
Chromium	52-2	2524	2677	2500	2567	3.74	cps
Cobalt	59-2	2090	2070	2007	2056	2.12	cps
Copper	63-2	394979	398492	386714	393395	1.54	cps
Dysprosium	156-1	533	583	492	536	8.56	cps
Dysprosium	156-2	267	280	350	299	14.98	cps
Erbium	164-1	358	375	317	350	8.59	cps
Erbium	164-2	250	270	250	257	4.50	cps
Gadolinium	160-1	425	558	450	478	14.84	cps
Gadolinium	160-2	387	373	383	381	1.82	cps
Holmium	165-1	5897133	6440401	6120065	6152533	4.44	cps
Holmium	165-2	4262859	4272612	4346056	4293842	1.06	cps
Indium	115-1	6496290	6758795	6598475	6617853	2.00	cps
Indium	115-2	1300085	1298314	1297840	1298746	0.09	cps
Iron	54-2	325283	326553	323612	325149	0.45	cps
Iron	56-2	6013324	6025136	5902039	5980166	1.14	cps
Iron	57-2	148970	148094	146198	147754	0.96	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:06:13	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1120	997	1054	5.88	cps
Lead	206-1	4139564	4248320	3896258	4094714	4.40	cps
Lead	207-1	3108787	3156276	3126234	3130432	0.77	cps
Lead	208-1	14966837	15198011	14849351	15004733	1.18	cps
Lithium	6-1	4193654	4384242	4301098	4292998	2.23	cps
Magnesium	24-2	49802	50371	47846	49340	2.68	cps
Manganese	55-2	27840	27717	27593	27717	0.45	cps
Molybdenum	94-1	592	558	675	608	9.88	cps
Molybdenum	95-1	275	358	367	333	15.21	cps
Molybdenum	96-1	608	517	500	542	10.77	cps
Molybdenum	97-1	292	233	175	233	25.00	cps
Molybdenum	98-1	517	592	500	536	9.11	cps
Neodymium	150-1	640	907	760	769	17.37	cps
Neodymium	150-2	320	350	293	321	8.83	cps
Nickel	60-2	1263	1340	1237	1280	4.19	cps
Phosphorus	31-2	408	350	258	339	22.31	cps
Potassium	39-2	24530	24329	24496	24452	0.44	cps
Rhodium	103-1	6428038	6598443	6643200	6556561	1.73	cps
Rhodium	103-2	3750519	3905278	3822175	3825991	2.02	cps
Scandium	45-1	5999278	6369597	6349261	6239379	3.34	cps
Scandium	45-2	212442	213463	212089	212665	0.34	cps
Selenium	82-1	79	-5	127	67	100.12	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	46	63	61	57	16.41	cps
Silicon	28-1	1166704	1161645	1173146	1167165	0.49	cps
Silver	107-1	708	708	775	731	5.27	cps
Silver	109-1	533	725	617	625	15.38	cps
Sodium	23-2	20248	20315	19422	19995	2.49	cps
Strontium	86-1	41956	42198	42449	42201	0.58	cps
Strontium	88-1	338714	347974	339217	341968	1.52	cps
Sulfur	34-1	429677	434927	435022	433209	0.71	cps
Terbium	159-1	6415611	6934236	6858406	6736084	4.16	cps
Terbium	159-2	4212298	4181585	4173647	4189177	0.49	cps
Thallium	203-1	158	200	183	181	11.62	cps
Thallium	205-1	475	400	442	439	8.56	cps
Tin	118-1	72208	74847	73449	73501	1.80	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-08DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0D	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:06:13	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14416	14291	14550	14419	0.90	cps
Uranium	238-1	550	492	525	522	5.60	cps
Vanadium	51-2	1823	1920	1747	1830	4.75	cps
Ytterbium	172-1	183	175	200	186	6.84	cps
Ytterbium	172-2	106	106	100	104	3.10	cps
Ytterbium	176-1	900	817	883	867	5.09	cps
Ytterbium	176-2	6190	6057	6502	6250	3.65	cps
Yttrium	89-1	13234239	14081803	14045554	13787199	3.48	cps
Yttrium	89-2	1794286	1770531	1796441	1787086	0.80	cps
Zinc	66-2	711138	705764	699930	705611	0.79	cps
Zirconium	90-1	1142	1275	983	1133	12.88	cps
Zirconium	91-1	317	233	242	264	17.39	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDL2X100	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	100
Date & Time Acquired ::	2021-12-14 18:09:14	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2866	2912	2875	2885	0.85	cps
Antimony	121-1	128733	129251	132928	130304	1.76	cps
Arsenic	75-2	96	97	75	89	13.90	cps
Barium	135-1	21843	22995	22970	22603	2.91	cps
Barium	137-1	39893	37645	38940	38826	2.91	cps
Beryllium	9-1	94	88	74	85	12.02	cps
Bismuth	209-1	3484335	3448021	3441610	3457989	0.67	cps
Bismuth	209-2	2792183	2875083	2862153	2843139	1.57	cps
Boron	10-1	844	896	904	881	3.70	cps
Boron	11-1	3916	3856	3800	3857	1.50	cps
Bromine	81-1	16547	15956	16557	16353	2.11	cps
Cadmium	111-1	3840	4052	3991	3961	2.76	cps
Cadmium	106-1	3451	3759	3492	3567	4.69	cps
Cadmium	108-1	108	125	100	111	11.46	cps
Calcium	43-1	12274	12152	12456	12294	1.24	cps
Calcium	44-1	217792	217613	219166	218190	0.39	cps
Carbon	12-1	4711822	4667327	4737274	4705474	0.75	cps
Carbon	12-2	42053	41651	41000	41568	1.28	cps
Chlorine	35-1	2395347	2255418	2301133	2317299	3.08	cps
Chlorine	35-2	14666	14608	14508	14594	0.55	cps
Chromium	52-2	1200	1150	1113	1155	3.77	cps
Cobalt	59-2	363	347	383	364	5.04	cps
Copper	63-2	54394	54682	53704	54260	0.93	cps
Dysprosium	156-1	108	67	83	86	24.35	cps
Dysprosium	156-2	33	50	43	42	19.87	cps
Erbium	164-1	133	117	150	133	12.50	cps
Erbium	164-2	83	80	57	73	19.81	cps
Gadolinium	160-1	75	133	125	111	28.40	cps
Gadolinium	160-2	90	123	120	111	16.52	cps
Holmium	165-1	6149729	6449047	6187225	6262000	2.60	cps
Holmium	165-2	4125320	4181270	4148483	4151691	0.68	cps
Indium	115-1	6669703	6731324	6611437	6670821	0.90	cps
Indium	115-2	1268301	1283139	1273264	1274901	0.59	cps
Iron	54-2	70976	69608	67989	69524	2.15	cps
Iron	56-2	1294364	1267938	1255029	1272443	1.58	cps
Iron	57-2	31891	31719	31557	31723	0.53	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDL2X100	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	100
Date & Time Acquired ::	2021-12-14 18:09:14	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1130	1057	1095	3.35	cps
Lead	206-1	510912	480494	491607	494338	3.11	cps
Lead	207-1	393534	398786	389348	393889	1.20	cps
Lead	208-1	1850489	1843740	1861026	1851752	0.47	cps
Lithium	6-1	4090050	4566880	4122029	4259653	6.26	cps
Magnesium	24-2	10329	10170	9979	10159	1.73	cps
Manganese	55-2	5231	5061	5104	5132	1.72	cps
Molybdenum	94-1	342	375	367	361	4.80	cps
Molybdenum	95-1	117	42	83	81	46.64	cps
Molybdenum	96-1	233	283	233	250	11.55	cps
Molybdenum	97-1	25	117	117	86	61.46	cps
Molybdenum	98-1	142	150	158	150	5.56	cps
Neodymium	150-1	127	180	240	182	31.12	cps
Neodymium	150-2	73	57	70	67	13.22	cps
Nickel	60-2	260	277	280	272	3.94	cps
Phosphorus	31-2	125	167	300	197	46.35	cps
Potassium	39-2	20273	20223	20131	20209	0.36	cps
Rhodium	103-1	6619050	6843797	6568182	6677010	2.20	cps
Rhodium	103-2	3845016	3889911	3768581	3834503	1.60	cps
Scandium	45-1	6158178	6500850	6115962	6258330	3.37	cps
Scandium	45-2	208892	208677	207560	208376	0.34	cps
Selenium	82-1	51	-57	21	5	1047.34	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	57	47	62	55	13.81	cps
Silicon	28-1	861695	866702	866345	864914	0.32	cps
Silver	107-1	258	208	267	244	12.91	cps
Silver	109-1	167	183	117	156	22.30	cps
Sodium	23-2	15325	15776	15968	15689	2.10	cps
Strontium	86-1	10021	9670	9879	9857	1.79	cps
Strontium	88-1	68906	69943	70705	69851	1.29	cps
Sulfur	34-1	431080	431437	429818	430778	0.20	cps
Terbium	159-1	6731225	7036811	6898334	6888790	2.22	cps
Terbium	159-2	4052495	4209287	4244342	4168708	2.45	cps
Thallium	203-1	142	133	233	169	32.75	cps
Thallium	205-1	375	317	483	392	21.59	cps
Tin	118-1	4868	5268	5368	5168	5.12	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-07LDL2X100	Instrumnet Name :	P8
Client Sample ID :	A0BC0L	Dilution Factor :	100
Date & Time Acquired ::	2021-12-14 18:09:14	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3025	2925	2950	2967	1.75	cps
Uranium	238-1	67	192	67	108	66.62	cps
Vanadium	51-2	273	387	307	322	18.08	cps
Ytterbium	172-1	33	58	50	47	26.97	cps
Ytterbium	172-2	17	11	33	20	56.76	cps
Ytterbium	176-1	692	642	592	642	7.79	cps
Ytterbium	176-2	5685	6274	6479	6146	6.71	cps
Yttrium	89-1	13532588	14064551	13656303	13751147	2.02	cps
Yttrium	89-2	1801535	1771456	1723311	1765434	2.24	cps
Zinc	66-2	113229	113420	112120	112923	0.62	cps
Zirconium	90-1	775	817	808	800	2.76	cps
Zirconium	91-1	175	175	158	169	5.68	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5001-09DL2X20 Instrumnet Name : P8
 Client Sample ID : A0BC0S Dilution Factor : 20
 Date & Time Acquired :: 2021-12-14 18:12:16 DataFile Name : 125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17648	17198	16784	17210	2.51	cps
Antimony	121-1	703969	696322	702128	700806	0.57	cps
Arsenic	75-2	558	518	528	535	3.89	cps
Barium	135-1	103489	107696	105831	105672	1.99	cps
Barium	137-1	180845	181383	177475	179901	1.18	cps
Beryllium	9-1	906	916	1042	955	7.94	cps
Bismuth	209-1	3319281	3506831	3447005	3424372	2.80	cps
Bismuth	209-2	2803137	2811041	2819359	2811179	0.29	cps
Boron	10-1	802	762	792	785	2.65	cps
Boron	11-1	3564	3536	3594	3564	0.81	cps
Bromine	81-1	17579	17569	16988	17379	1.95	cps
Cadmium	111-1	11489	11481	10866	11279	3.17	cps
Cadmium	106-1	4651	4634	3934	4406	9.29	cps
Cadmium	108-1	588	671	671	643	7.48	cps
Calcium	43-1	79675	80886	79467	80009	0.96	cps
Calcium	44-1	1352432	1366594	1362079	1360368	0.53	cps
Carbon	12-1	4670874	4867235	4748621	4762243	2.08	cps
Carbon	12-2	43248	41050	41409	41902	2.81	cps
Chlorine	35-1	2391794	2445667	2507429	2448297	2.36	cps
Chlorine	35-2	17169	17428	17745	17447	1.65	cps
Chromium	52-2	6642	6488	6268	6466	2.90	cps
Cobalt	59-2	18372	17457	17698	17842	2.66	cps
Copper	63-2	325556	321170	321367	322697	0.77	cps
Dysprosium	156-1	617	417	375	469	27.52	cps
Dysprosium	156-2	283	293	260	279	6.13	cps
Erbium	164-1	375	483	450	436	12.72	cps
Erbium	164-2	310	273	367	317	14.85	cps
Gadolinium	160-1	500	517	450	489	7.10	cps
Gadolinium	160-2	400	413	343	386	9.64	cps
Holmium	165-1	6347664	6546667	6353579	6415970	1.76	cps
Holmium	165-2	4174805	4184540	4274016	4211120	1.30	cps
Indium	115-1	6607421	6850344	6682274	6713347	1.85	cps
Indium	115-2	1279230	1282429	1286101	1282586	0.27	cps
Iron	54-2	361319	356221	358888	358809	0.71	cps
Iron	56-2	6712733	6636339	6488313	6612461	1.73	cps
Iron	57-2	162526	159066	158364	159985	1.39	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:12:16	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1113	1080	1074	3.90	cps
Lead	206-1	2207819	2232258	2170196	2203424	1.42	cps
Lead	207-1	1657523	1747401	1671337	1692087	2.86	cps
Lead	208-1	7964599	8308929	7970453	8081327	2.44	cps
Lithium	6-1	4343249	4072261	4406267	4273926	4.15	cps
Magnesium	24-2	61229	60727	60502	60819	0.61	cps
Manganese	55-2	32881	32280	31765	32309	1.73	cps
Molybdenum	94-1	717	508	575	600	17.73	cps
Molybdenum	95-1	392	375	325	364	9.53	cps
Molybdenum	96-1	600	633	575	603	4.86	cps
Molybdenum	97-1	167	217	192	192	13.04	cps
Molybdenum	98-1	333	633	625	531	32.20	cps
Neodymium	150-1	933	940	880	918	3.58	cps
Neodymium	150-2	343	310	417	357	15.30	cps
Nickel	60-2	5578	5641	5615	5611	0.57	cps
Phosphorus	31-2	317	350	275	314	11.97	cps
Potassium	39-2	24438	24989	26391	25273	3.98	cps
Rhodium	103-1	6680547	6812954	6602739	6698747	1.59	cps
Rhodium	103-2	3800017	3847659	3845209	3830961	0.70	cps
Scandium	45-1	6175455	6302132	6387042	6288210	1.69	cps
Scandium	45-2	210165	209256	212849	210757	0.89	cps
Selenium	82-1	138	39	90	89	55.37	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	67	82	56	68	19.10	cps
Silicon	28-1	1363210	1339952	1348991	1350718	0.87	cps
Silver	107-1	3451	3792	3767	3670	5.19	cps
Silver	109-1	3334	3609	3584	3509	4.33	cps
Sodium	23-2	22827	22835	23419	23027	1.48	cps
Strontium	86-1	48594	51964	47941	49500	4.36	cps
Strontium	88-1	411773	415631	404089	410497	1.43	cps
Sulfur	34-1	438841	434369	437495	436902	0.53	cps
Terbium	159-1	6719566	6733818	6893039	6782141	1.42	cps
Terbium	159-2	4150544	4089594	4228867	4156335	1.68	cps
Thallium	203-1	1275	1325	1400	1333	4.72	cps
Thallium	205-1	3117	3409	3109	3212	5.32	cps
Tin	118-1	27061	26435	27236	26910	1.57	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5001-09DL2X20	Instrumnet Name :	P8
Client Sample ID :	A0BC0S	Dilution Factor :	20
Date & Time Acquired ::	2021-12-14 18:12:16	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	16677	15642	16927	16415	4.15	cps
Uranium	238-1	767	792	717	758	5.04	cps
Vanadium	51-2	8886	8976	8990	8951	0.63	cps
Ytterbium	172-1	242	192	100	178	40.42	cps
Ytterbium	172-2	128	111	139	126	11.10	cps
Ytterbium	176-1	742	792	708	747	5.61	cps
Ytterbium	176-2	5979	6179	6518	6226	4.38	cps
Yttrium	89-1	13820246	14010802	13874851	13901966	0.71	cps
Yttrium	89-2	1767778	1756953	1790043	1771591	0.95	cps
Zinc	66-2	833138	818440	811391	820989	1.35	cps
Zirconium	90-1	1092	1217	1192	1167	5.67	cps
Zirconium	91-1	258	283	225	256	11.45	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCV063 Instrumnet Name : P8
 Client Sample ID : CCV063 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 18:28:33 DataFile Name : 126CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2161184	2202378	2123070	2162211	1.83	cps
Antimony	121-1	2086296	2092245	2072014	2083518	0.50	cps
Arsenic	75-2	78207	77371	76722	77433	0.96	cps
Barium	135-1	2652697	2686778	2715133	2684869	1.16	cps
Barium	137-1	4360962	4618555	4522095	4500538	2.89	cps
Beryllium	9-1	865572	867705	860814	864697	0.41	cps
Bismuth	209-1	3372129	3524656	3412665	3436483	2.30	cps
Bismuth	209-2	2703870	2671287	2674259	2683139	0.67	cps
Boron	10-1	73524	78991	81323	77946	5.14	cps
Boron	11-1	331191	362242	368871	354101	5.68	cps
Bromine	81-1	17238	16627	16316	16727	2.80	cps
Cadmium	111-1	509691	512058	514749	512166	0.49	cps
Cadmium	106-1	59554	64159	61933	61882	3.72	cps
Cadmium	108-1	39866	41441	41964	41090	2.66	cps
Calcium	43-1	4690626	4699844	4898281	4762917	2.46	cps
Calcium	44-1	76357715	77888719	78702055	77649496	1.53	cps
Carbon	12-1	6158747	6348146	6564997	6357297	3.20	cps
Carbon	12-2	63957	64249	64291	64165	0.28	cps
Chlorine	35-1	1082321	1086036	1082221	1083526	0.20	cps
Chlorine	35-2	5793	6660	6118	6190	7.08	cps
Chromium	52-2	830935	832841	826802	830192	0.37	cps
Cobalt	59-2	1502073	1457027	1452155	1470419	1.87	cps
Copper	63-2	10856483	10820272	10849324	10842026	0.18	cps
Dysprosium	156-1	475	617	442	511	18.18	cps
Dysprosium	156-2	390	317	373	360	10.68	cps
Erbium	164-1	225	183	200	203	10.34	cps
Erbium	164-2	103	127	110	113	10.61	cps
Gadolinium	160-1	475	367	583	475	22.81	cps
Gadolinium	160-2	437	367	360	388	10.95	cps
Holmium	165-1	6633814	6591000	6719170	6647995	0.98	cps
Holmium	165-2	4267182	4257115	4210160	4244819	0.72	cps
Indium	115-1	6787539	6606078	6680294	6691303	1.36	cps
Indium	115-2	1197004	1215625	1204763	1205797	0.78	cps
Iron	54-2	8921718	8642017	8448821	8670852	2.74	cps
Iron	56-2	160343970	158746698	157119954	158736874	1.02	cps
Iron	57-2	4034778	3957843	3900869	3964497	1.70	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:28:33	DataFile Name :	126CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1223	1100	1123	1149	5.70	cps
Lead	206-1	5804832	5976482	5887199	5889505	1.46	cps
Lead	207-1	5161231	5201372	5161859	5174820	0.44	cps
Lead	208-1	23377413	24142061	23560427	23693300	1.69	cps
Lithium	6-1	4457850	4390356	4181123	4343110	3.32	cps
Magnesium	24-2	31399205	31133820	31166516	31233181	0.46	cps
Manganese	55-2	4269330	4189388	4112622	4190447	1.87	cps
Molybdenum	94-1	9644119	9680455	9606619	9643731	0.38	cps
Molybdenum	95-1	13888694	14011537	14119994	14006742	0.83	cps
Molybdenum	96-1	15269188	15236107	15450793	15318696	0.75	cps
Molybdenum	97-1	8513424	8522723	8645743	8560630	0.86	cps
Molybdenum	98-1	22369978	22201591	22331382	22300983	0.40	cps
Neodymium	150-1	473	387	507	456	13.60	cps
Neodymium	150-2	157	163	137	152	9.12	cps
Nickel	60-2	383947	381130	384454	383177	0.47	cps
Phosphorus	31-2	22660	21800	22384	22282	1.97	cps
Potassium	39-2	12278200	11945801	12022373	12082124	1.44	cps
Rhodium	103-1	6460062	6545041	6397538	6467547	1.14	cps
Rhodium	103-2	3502171	3517416	3370970	3463519	2.32	cps
Scandium	45-1	6293080	6352573	6363184	6336279	0.60	cps
Scandium	45-2	199609	199299	197993	198967	0.43	cps
Selenium	82-1	44877	45638	45067	45194	0.88	cps
Selenium	77-2	1703	1580	1563	1616	4.73	cps
Selenium	78-2	5173	5089	5119	5127	0.83	cps
Silicon	28-1	3027907	3070717	3141388	3080004	1.86	cps
Silver	107-1	2846232	2889920	2949377	2895176	1.79	cps
Silver	109-1	2787341	2838253	2869689	2831761	1.47	cps
Sodium	23-2	61538260	60988245	60748143	61091549	0.66	cps
Strontium	86-1	8884065	9142900	8630758	8885908	2.88	cps
Strontium	88-1	74536168	76353173	74074431	74987924	1.61	cps
Sulfur	34-1	777743	773369	767024	772712	0.70	cps
Terbium	159-1	7032695	7190284	6966512	7063164	1.63	cps
Terbium	159-2	4169158	4203739	4218356	4197084	0.60	cps
Thallium	203-1	1346997	1417323	1409447	1391256	2.77	cps
Thallium	205-1	3409865	3454659	3359074	3407866	1.40	cps
Tin	118-1	1853523	1859742	1849025	1854097	0.29	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:28:33	DataFile Name :	126CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5108378	5096266	4986979	5063874	1.32	cps
Uranium	238-1	4185392	4589465	4368253	4381037	4.62	cps
Vanadium	51-2	707057	691454	691160	696557	1.31	cps
Ytterbium	172-1	33	75	42	50	44.10	cps
Ytterbium	172-2	22	44	33	33	33.35	cps
Ytterbium	176-1	6927	7302	7102	7110	2.64	cps
Ytterbium	176-2	10060	9709	9915	9895	1.78	cps
Yttrium	89-1	13809754	14262852	13919291	13997299	1.69	cps
Yttrium	89-2	1702403	1710442	1673820	1695555	1.14	cps
Zinc	66-2	1161249	1152216	1152118	1155194	0.45	cps
Zirconium	90-1	4596531	4689212	4686694	4657479	1.13	cps
Zirconium	91-1	1026410	1056045	1035842	1039432	1.46	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCB063 Instrumnet Name : P8
 Client Sample ID : CCB063 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 18:36:51 DataFile Name : 127CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	251	205	180	212	17.04	cps
Antimony	121-1	242	358	375	325	22.35	cps
Arsenic	75-2	6	5	3	5	32.73	cps
Barium	135-1	33	25	50	36	35.25	cps
Barium	137-1	108	58	83	83	30.00	cps
Beryllium	9-1	86	94	98	93	6.60	cps
Bismuth	209-1	3468406	3489104	3646575	3534695	2.76	cps
Bismuth	209-2	2798800	2820798	2886693	2835431	1.61	cps
Boron	10-1	1836	1924	1714	1824	5.78	cps
Boron	11-1	8841	8797	8137	8591	4.59	cps
Bromine	81-1	15905	15635	16276	15939	2.02	cps
Cadmium	111-1	2100	1966	2133	2066	4.28	cps
Cadmium	106-1	2984	2775	3034	2931	4.68	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Calcium	43-1	419	427	424	423	1.04	cps
Calcium	44-1	27825	27558	27748	27710	0.50	cps
Carbon	12-1	4630373	4625850	4637588	4631271	0.13	cps
Carbon	12-2	40180	40030	40072	40094	0.19	cps
Chlorine	35-1	929980	928575	934716	931090	0.35	cps
Chlorine	35-2	5868	5960	5885	5904	0.83	cps
Chromium	52-2	833	773	830	812	4.15	cps
Cobalt	59-2	67	80	83	77	11.50	cps
Copper	63-2	843	817	830	830	1.61	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	23	13	27	21	32.88	cps
Gadolinium	160-1	33	75	67	58	37.80	cps
Gadolinium	160-2	103	80	47	77	37.15	cps
Holmium	165-1	6408801	6550573	6352096	6437157	1.59	cps
Holmium	165-2	4062886	4193794	4122272	4126317	1.59	cps
Indium	115-1	6628676	7057623	6686465	6790922	3.43	cps
Indium	115-2	1218726	1255069	1226064	1233286	1.56	cps
Iron	54-2	767	783	656	735	9.45	cps
Iron	56-2	8091	8019	7941	8017	0.94	cps
Iron	57-2	311	406	367	361	13.14	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:36:51	DataFile Name :	127CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1110	1050	1086	2.90	cps
Lead	206-1	800	778	806	794	1.85	cps
Lead	207-1	656	672	617	648	4.40	cps
Lead	208-1	2934	2945	2806	2895	2.67	cps
Lithium	6-1	4243505	4241826	4202950	4229427	0.54	cps
Magnesium	24-2	1458	1867	1542	1622	13.30	cps
Manganese	55-2	137	87	113	112	22.29	cps
Molybdenum	94-1	508	425	383	439	14.50	cps
Molybdenum	95-1	317	217	142	225	39.02	cps
Molybdenum	96-1	583	425	458	489	17.07	cps
Molybdenum	97-1	158	142	92	131	26.57	cps
Molybdenum	98-1	600	375	325	433	33.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	33	53	47	24.75	cps
Phosphorus	31-2	225	283	133	214	35.35	cps
Potassium	39-2	18713	18871	18504	18696	0.99	cps
Rhodium	103-1	6587146	6858191	6648609	6697982	2.12	cps
Rhodium	103-2	3566442	3790845	3691272	3682853	3.05	cps
Scandium	45-1	5963770	6134516	6199749	6099345	2.00	cps
Scandium	45-2	195924	199098	199304	198109	0.96	cps
Selenium	82-1	-51	-35	17	-23	-156.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	62	58	44	55	17.30	cps
Silicon	28-1	724574	722187	737600	728120	1.14	cps
Silver	107-1	258	250	342	283	17.89	cps
Silver	109-1	233	233	192	219	10.96	cps
Sodium	23-2	17060	18237	16985	17427	4.03	cps
Strontium	86-1	1834	1892	1809	1845	2.32	cps
Strontium	88-1	1167	1075	725	989	23.57	cps
Sulfur	34-1	420922	423668	414777	419789	1.08	cps
Terbium	159-1	6839258	7103575	6850954	6931262	2.15	cps
Terbium	159-2	4074539	4123682	4030980	4076400	1.14	cps
Thallium	203-1	175	242	267	228	20.80	cps
Thallium	205-1	608	533	617	586	7.83	cps
Tin	118-1	692	592	425	569	23.66	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 18:36:51	DataFile Name :	127CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	358	267	344	20.86	cps
Uranium	238-1	50	50	42	47	10.18	cps
Vanadium	51-2	7	17	17	13	43.29	cps
Ytterbium	172-1	8	17	8	11	43.34	cps
Ytterbium	172-2	33	33	6	24	66.60	cps
Ytterbium	176-1	608	592	642	614	4.15	cps
Ytterbium	176-2	5262	5757	6146	5722	7.74	cps
Yttrium	89-1	13373101	13620169	13948796	13647355	2.12	cps
Yttrium	89-2	1672995	1723199	1699651	1698615	1.48	cps
Zinc	66-2	123	170	173	156	17.97	cps
Zirconium	90-1	725	867	883	825	10.55	cps
Zirconium	91-1	192	167	117	158	24.12	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:08:57	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	515938	517517	515975	516476	0.17	cps
Antimony	121-1	15668	15701	16527	15965	3.05	cps
Arsenic	75-2	516	507	555	526	4.85	cps
Barium	135-1	89194	88666	89589	89150	0.52	cps
Barium	137-1	156562	149704	150377	152214	2.48	cps
Beryllium	9-1	1780	1740	1778	1766	1.28	cps
Bismuth	209-1	3615010	3489964	3278452	3461142	4.92	cps
Bismuth	209-2	2789477	2810985	2639286	2746582	3.41	cps
Boron	10-1	432	458	486	459	5.89	cps
Boron	11-1	1906	2034	2054	1998	4.02	cps
Bromine	81-1	16176	16667	16537	16460	1.55	cps
Cadmium	111-1	2241	2492	2390	2374	5.32	cps
Cadmium	106-1	2959	3192	3050	3067	3.83	cps
Cadmium	108-1	38	38	58	44	27.06	cps
Calcium	43-1	239954	244824	244577	243118	1.13	cps
Calcium	44-1	4057681	4030393	3949827	4012634	1.40	cps
Carbon	12-1	5022006	5139831	5267889	5143242	2.39	cps
Carbon	12-2	48004	47068	47661	47578	1.00	cps
Chlorine	35-1	14225585	19366366	24520564	19370838	26.57	cps
Chlorine	35-2	211448	223804	241651	225634	6.73	cps
Chromium	52-2	22428	22718	23479	22875	2.37	cps
Cobalt	59-2	19173	18549	18769	18830	1.68	cps
Copper	63-2	28071	28141	28265	28159	0.35	cps
Dysprosium	156-1	25784	26594	26268	26215	1.55	cps
Dysprosium	156-2	15743	15689	15763	15732	0.24	cps
Erbium	164-1	20500	19740	21017	20419	3.15	cps
Erbium	164-2	12656	12930	12599	12728	1.39	cps
Gadolinium	160-1	23488	22419	22211	22706	3.02	cps
Gadolinium	160-2	16467	16400	15930	16266	1.80	cps
Holmium	165-1	6265510	6580129	6239282	6361640	2.98	cps
Holmium	165-2	4149795	4125283	4048441	4107840	1.29	cps
Indium	115-1	6943136	6877810	6231558	6684168	5.88	cps
Indium	115-2	1276610	1245332	1227814	1249919	1.98	cps
Iron	54-2	1417314	1355658	1346459	1373144	2.81	cps
Iron	56-2	25449055	25704630	24938177	25363954	1.54	cps
Iron	57-2	613969	611170	608831	611324	0.42	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:08:57	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1233	1240	1165	10.75	cps
Lead	206-1	103391	104738	104570	104233	0.70	cps
Lead	207-1	83554	86136	86068	85253	1.73	cps
Lead	208-1	403244	407103	404642	404996	0.48	cps
Lithium	6-1	4437442	4399861	4174832	4337378	3.27	cps
Magnesium	24-2	404318	397330	401178	400942	0.87	cps
Manganese	55-2	1017424	1012917	1006945	1012428	0.52	cps
Molybdenum	94-1	3942	3867	3776	3862	2.16	cps
Molybdenum	95-1	2717	2309	2517	2514	8.12	cps
Molybdenum	96-1	3434	3601	3742	3592	4.30	cps
Molybdenum	97-1	1433	1483	1517	1478	2.84	cps
Molybdenum	98-1	3425	3417	3275	3373	2.50	cps
Neodymium	150-1	50221	50482	50923	50542	0.70	cps
Neodymium	150-2	22549	22148	22469	22389	0.95	cps
Nickel	60-2	6368	6388	6365	6374	0.20	cps
Phosphorus	31-2	1467	1758	1683	1636	9.26	cps
Potassium	39-2	163622	162929	164129	163560	0.37	cps
Rhodium	103-1	6544905	6691604	6334552	6523687	2.75	cps
Rhodium	103-2	3778225	3651453	3586447	3672042	2.66	cps
Scandium	45-1	6384727	6384460	6077423	6282203	2.82	cps
Scandium	45-2	219318	211932	207792	213014	2.74	cps
Selenium	82-1	179	-94	-97	-4	-4184.72	cps
Selenium	77-2	100	57	63	73	31.82	cps
Selenium	78-2	147	123	124	131	10.34	cps
Silicon	28-1	16420321	16200588	16551117	16390675	1.08	cps
Silver	107-1	433	525	467	475	9.77	cps
Silver	109-1	483	533	458	492	7.77	cps
Sodium	23-2	48832	50095	51960	50295	3.13	cps
Strontium	86-1	42348	42273	43101	42574	1.07	cps
Strontium	88-1	345905	345501	350283	347230	0.76	cps
Sulfur	34-1	436548	439008	426806	434121	1.49	cps
Terbium	159-1	7155470	7017845	6421613	6864976	5.68	cps
Terbium	159-2	4056510	4055323	3983059	4031631	1.04	cps
Thallium	203-1	383	508	592	494	21.21	cps
Thallium	205-1	908	1175	1425	1170	22.10	cps
Tin	118-1	9328	9245	9470	9348	1.22	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:08:57	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	538137	517175	534138	529816	2.10	cps
Uranium	238-1	19666	19833	20283	19927	1.60	cps
Vanadium	51-2	29374	28555	28512	28813	1.69	cps
Ytterbium	172-1	5868	5793	5985	5882	1.64	cps
Ytterbium	172-2	4390	4090	4412	4297	4.19	cps
Ytterbium	176-1	4126	4142	3776	4015	5.16	cps
Ytterbium	176-2	7930	8781	8442	8384	5.11	cps
Yttrium	89-1	14857527	14598059	13966806	14474131	3.17	cps
Yttrium	89-2	1869878	1819369	1757457	1815568	3.10	cps
Zinc	66-2	26034	25563	25279	25626	1.49	cps
Zirconium	90-1	7953	7369	7444	7588	4.19	cps
Zirconium	91-1	1692	1575	1692	1653	4.08	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5027-20A Instrumnet Name : P8
 Client Sample ID : MH1JE3A Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 20:11:56 DataFile Name : 129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	827740	824849	825979	826189	0.18	cps
Antimony	121-1	131002	130076	122255	127778	3.76	cps
Arsenic	75-2	4588	4681	4576	4615	1.25	cps
Barium	135-1	733720	727810	713507	725012	1.43	cps
Barium	137-1	1203064	1215854	1252230	1223716	2.08	cps
Beryllium	9-1	2406	2356	2462	2408	2.20	cps
Bismuth	209-1	3454705	3488537	3490257	3477833	0.58	cps
Bismuth	209-2	2760954	2836015	2810252	2802407	1.36	cps
Boron	10-1	269091	286190	290350	281877	4.00	cps
Boron	11-1	1115405	1183131	1204600	1167712	3.99	cps
Bromine	81-1	29842	28208	26843	28298	5.31	cps
Cadmium	111-1	20104	20619	20933	20552	2.04	cps
Cadmium	106-1	5685	5585	5435	5568	2.26	cps
Cadmium	108-1	1658	1633	1571	1621	2.78	cps
Calcium	43-1	2978838	2977692	2940988	2965839	0.73	cps
Calcium	44-1	49122264	48880621	48354817	48785901	0.80	cps
Carbon	12-1	28180257	29104066	29240958	28841760	2.00	cps
Carbon	12-2	274147	274014	271770	273311	0.49	cps
Chlorine	35-1	30259761	34524421	37037699	33940627	10.10	cps
Chlorine	35-2	268457	276445	287624	277509	3.47	cps
Chromium	52-2	777557	771904	776014	775158	0.38	cps
Cobalt	59-2	43048	43259	43366	43224	0.37	cps
Copper	63-2	732584	718788	715584	722319	1.25	cps
Dysprosium	156-1	21267	20667	21092	21009	1.47	cps
Dysprosium	156-2	12309	12953	12409	12557	2.76	cps
Erbium	164-1	17011	16644	16719	16792	1.16	cps
Erbium	164-2	9884	9937	9607	9809	1.81	cps
Gadolinium	160-1	18347	19481	19064	18964	3.03	cps
Gadolinium	160-2	13203	13083	12976	13088	0.87	cps
Holmium	165-1	6894911	6714539	6610137	6739862	2.14	cps
Holmium	165-2	4165200	4146655	4213596	4175150	0.83	cps
Indium	115-1	6821937	6911042	6768582	6833854	1.05	cps
Indium	115-2	1256085	1263485	1261782	1260450	0.31	cps
Iron	54-2	4247557	4086040	4134656	4156084	1.99	cps
Iron	56-2	78115080	74270438	75397232	75927583	2.60	cps
Iron	57-2	1969282	1895078	1929191	1931184	1.92	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20A	Instrumnet Name :	P8
Client Sample ID :	MH1JE3A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:11:56	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1147	1003	1108	8.25	cps
Lead	206-1	640351	662675	651827	651618	1.71	cps
Lead	207-1	541782	532177	547022	540327	1.39	cps
Lead	208-1	2515358	2529363	2553646	2532789	0.76	cps
Lithium	6-1	4598743	4347787	4423816	4456782	2.89	cps
Magnesium	24-2	3390176	3347979	3372492	3370216	0.63	cps
Manganese	55-2	3668314	3510437	3590394	3589715	2.20	cps
Molybdenum	94-1	53764	53194	51656	52871	2.06	cps
Molybdenum	95-1	37392	38529	39365	38429	2.58	cps
Molybdenum	96-1	47583	46771	46830	47061	0.96	cps
Molybdenum	97-1	23471	22494	23237	23067	2.21	cps
Molybdenum	98-1	59513	61897	58641	60017	2.81	cps
Neodymium	150-1	36490	36912	35808	36403	1.53	cps
Neodymium	150-2	16123	15996	16086	16069	0.41	cps
Nickel	60-2	78301	79662	77182	78381	1.58	cps
Phosphorus	31-2	8052	7444	7552	7683	4.23	cps
Potassium	39-2	1059384	1057265	1052716	1056455	0.32	cps
Rhodium	103-1	6609243	6589405	6471906	6556851	1.13	cps
Rhodium	103-2	3723582	3647497	3720711	3697263	1.17	cps
Scandium	45-1	6552891	6630545	6414031	6532489	1.68	cps
Scandium	45-2	216766	217652	214426	216281	0.77	cps
Selenium	82-1	427	475	553	485	13.17	cps
Selenium	77-2	73	77	107	86	21.46	cps
Selenium	78-2	158	160	140	153	7.21	cps
Silicon	28-1	14010368	14465829	14448224	14308140	1.80	cps
Silver	107-1	18621	19606	19781	19336	3.23	cps
Silver	109-1	18813	18621	18363	18599	1.22	cps
Sodium	23-2	24792186	24576905	24764298	24711130	0.47	cps
Strontium	86-1	1142130	1139595	1137343	1139690	0.21	cps
Strontium	88-1	9714969	9684400	9507529	9635633	1.16	cps
Sulfur	34-1	989839	1002647	989409	993965	0.76	cps
Terbium	159-1	6973692	7072406	7105280	7050459	0.97	cps
Terbium	159-2	4239506	4166129	4198648	4201427	0.88	cps
Thallium	203-1	2117	2125	1842	2028	7.95	cps
Thallium	205-1	4801	5051	4884	4912	2.59	cps
Tin	118-1	282761	284512	288808	285360	1.09	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5027-20A	Instrumnet Name :	P8
Client Sample ID :	MH1JE3A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:11:56	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	566772	572084	557066	565307	1.35	cps
Uranium	238-1	30145	31131	31315	30864	2.04	cps
Vanadium	51-2	150876	149293	149335	149835	0.60	cps
Ytterbium	172-1	4209	4301	5201	4570	11.99	cps
Ytterbium	172-2	3228	3428	3634	3430	5.91	cps
Ytterbium	176-1	3317	3567	3484	3456	3.68	cps
Ytterbium	176-2	7814	8169	8247	8077	2.86	cps
Yttrium	89-1	14792677	14565526	14103925	14487376	2.42	cps
Yttrium	89-2	1801370	1822361	1800447	1808059	0.69	cps
Zinc	66-2	659294	655702	662011	659002	0.48	cps
Zirconium	90-1	86402	85340	87782	86508	1.42	cps
Zirconium	91-1	19072	19882	19331	19428	2.13	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : M5028-09A Instrumnet Name : P8
 Client Sample ID : MH1JE7A Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 20:14:50 DataFile Name : 130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238394	236854	242991	239413	1.33	cps
Antimony	121-1	98689	96130	97061	97293	1.33	cps
Arsenic	75-2	4579	4719	4664	4654	1.52	cps
Barium	135-1	430170	435644	424635	430150	1.28	cps
Barium	137-1	735306	763169	768378	755618	2.35	cps
Beryllium	9-1	778	684	756	739	6.65	cps
Bismuth	209-1	3531516	3490726	3470751	3497664	0.89	cps
Bismuth	209-2	2727350	2725494	2795548	2749464	1.45	cps
Boron	10-1	52575	50657	51859	51697	1.88	cps
Boron	11-1	240072	236788	237211	238024	0.75	cps
Bromine	81-1	32019	33656	32320	32665	2.67	cps
Cadmium	111-1	11878	12084	12140	12034	1.15	cps
Cadmium	106-1	4367	3926	4376	4223	6.10	cps
Cadmium	108-1	946	858	883	896	5.03	cps
Calcium	43-1	4142395	4034922	4210203	4129173	2.14	cps
Calcium	44-1	65415717	67276988	66750016	66480907	1.44	cps
Carbon	12-1	12644240	12735279	12813685	12731068	0.67	cps
Carbon	12-2	117913	116595	119325	117944	1.16	cps
Chlorine	35-1	32239219	36836714	40594811	36556915	11.45	cps
Chlorine	35-2	282567	291239	303006	292271	3.51	cps
Chromium	52-2	88394	87737	88753	88295	0.58	cps
Cobalt	59-2	38198	37165	37302	37555	1.49	cps
Copper	63-2	2952839	2972543	2917220	2947534	0.95	cps
Dysprosium	156-1	6510	6977	6569	6685	3.81	cps
Dysprosium	156-2	4054	3847	3861	3921	2.95	cps
Erbium	164-1	6052	5710	5376	5713	5.91	cps
Erbium	164-2	3454	3224	3524	3400	4.62	cps
Gadolinium	160-1	6602	6452	6477	6510	1.24	cps
Gadolinium	160-2	4204	4384	4237	4275	2.24	cps
Holmium	165-1	6457186	6614369	6579532	6550362	1.26	cps
Holmium	165-2	4145435	4159252	4107347	4137345	0.65	cps
Indium	115-1	6607658	6802071	6572057	6660595	1.86	cps
Indium	115-2	1216260	1221357	1210889	1216169	0.43	cps
Iron	54-2	1063989	1057965	1089312	1070422	1.55	cps
Iron	56-2	19958984	19943486	19881463	19927978	0.21	cps
Iron	57-2	493956	491108	501481	495515	1.08	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09A	Instrumnet Name :	P8
Client Sample ID :	MH1JE7A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:14:50	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1247	1150	1013	1137	10.31	cps
Lead	206-1	874157	876396	883458	878004	0.55	cps
Lead	207-1	733187	743235	718181	731534	1.72	cps
Lead	208-1	3512775	3544575	3492587	3516646	0.75	cps
Lithium	6-1	4471706	4392338	4517488	4460511	1.42	cps
Magnesium	24-2	1424513	1433089	1454335	1437312	1.07	cps
Manganese	55-2	914490	902295	900880	905888	0.83	cps
Molybdenum	94-1	19706	20849	20950	20502	3.37	cps
Molybdenum	95-1	21525	22561	22302	22129	2.43	cps
Molybdenum	96-1	25307	25975	26684	25989	2.65	cps
Molybdenum	97-1	13615	13165	14174	13651	3.70	cps
Molybdenum	98-1	34293	34778	36014	35028	2.53	cps
Neodymium	150-1	11212	12026	11665	11634	3.51	cps
Neodymium	150-2	4701	4918	5281	4967	5.90	cps
Nickel	60-2	79943	80013	81492	80483	1.09	cps
Phosphorus	31-2	4951	4751	5401	5034	6.62	cps
Potassium	39-2	464921	458702	479618	467747	2.30	cps
Rhodium	103-1	6688420	6499103	6698536	6628686	1.69	cps
Rhodium	103-2	3535427	3688926	3616780	3613711	2.13	cps
Scandium	45-1	6240955	6200241	6346777	6262658	1.21	cps
Scandium	45-2	210484	211062	207588	209711	0.89	cps
Selenium	82-1	9096	9204	9238	9179	0.81	cps
Selenium	77-2	407	353	270	343	20.06	cps
Selenium	78-2	1096	1126	1175	1132	3.52	cps
Silicon	28-1	7559417	7497424	7478441	7511761	0.56	cps
Silver	107-1	33976	31996	33675	33216	3.21	cps
Silver	109-1	30434	32030	31579	31348	2.62	cps
Sodium	23-2	21865356	22002548	22100583	21989496	0.54	cps
Strontium	86-1	1608307	1693302	1603182	1634930	3.10	cps
Strontium	88-1	13467871	13650363	13470336	13529523	0.77	cps
Sulfur	34-1	5103185	5217114	5337308	5219202	2.24	cps
Terbium	159-1	7224863	6845206	7130864	7066978	2.80	cps
Terbium	159-2	4040761	4003790	4082149	4042233	0.97	cps
Thallium	203-1	658	425	617	567	21.96	cps
Thallium	205-1	1350	1283	1258	1297	3.65	cps
Tin	118-1	2925016	3031703	2910719	2955813	2.24	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	M5028-09A	Instrumnet Name :	P8
Client Sample ID :	MH1JE7A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:14:50	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	195161	208978	204180	202773	3.46	cps
Uranium	238-1	14725	16086	16111	15641	5.07	cps
Vanadium	51-2	35167	34395	35203	34921	1.31	cps
Ytterbium	172-1	1909	1750	1759	1806	4.94	cps
Ytterbium	172-2	1333	1289	1295	1306	1.86	cps
Ytterbium	176-1	1733	1608	1784	1708	5.28	cps
Ytterbium	176-2	6140	6596	7002	6580	6.55	cps
Yttrium	89-1	14265435	14283609	14295763	14281602	0.11	cps
Yttrium	89-2	1705528	1766107	1760389	1744008	1.92	cps
Zinc	66-2	938070	925493	945983	936515	1.10	cps
Zirconium	90-1	21751	21125	21826	21567	1.78	cps
Zirconium	91-1	4726	4618	4709	4684	1.25	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCV064 Instrumnet Name : P8
 Client Sample ID : CCV064 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 20:20:55 DataFile Name : 132CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2111221	2100691	2173154	2128355	1.84	cps
Antimony	121-1	2093568	2154176	2120688	2122811	1.43	cps
Arsenic	75-2	78096	77177	77589	77621	0.59	cps
Barium	135-1	2736813	2651362	2797000	2728392	2.68	cps
Barium	137-1	4522061	4467026	4637483	4542190	1.92	cps
Beryllium	9-1	838577	831001	837684	835754	0.50	cps
Bismuth	209-1	3380358	3536578	3356298	3424411	2.86	cps
Bismuth	209-2	2501120	2667779	2704284	2624394	4.13	cps
Boron	10-1	85030	88553	91003	88195	3.40	cps
Boron	11-1	394436	408485	418491	407138	2.97	cps
Bromine	81-1	15184	15023	16216	15474	4.18	cps
Cadmium	111-1	513364	503747	517355	511489	1.37	cps
Cadmium	106-1	57295	57379	60609	58428	3.23	cps
Cadmium	108-1	39126	40242	39732	39700	1.41	cps
Calcium	43-1	4842806	4823602	4873979	4846796	0.52	cps
Calcium	44-1	76363660	75808544	78859525	77010576	2.11	cps
Carbon	12-1	6246215	6526587	6640760	6471187	3.14	cps
Carbon	12-2	66217	66023	65589	65943	0.49	cps
Chlorine	35-1	4753124	4493249	4361799	4536057	4.39	cps
Chlorine	35-2	25540	24889	23286	24571	4.72	cps
Chromium	52-2	837325	829868	822544	829912	0.89	cps
Cobalt	59-2	1473128	1465663	1458181	1465657	0.51	cps
Copper	63-2	10763836	10855771	10809048	10809552	0.43	cps
Dysprosium	156-1	500	508	517	508	1.64	cps
Dysprosium	156-2	307	313	287	302	4.59	cps
Erbium	164-1	258	217	208	228	11.76	cps
Erbium	164-2	130	103	143	126	16.22	cps
Gadolinium	160-1	483	592	575	550	10.61	cps
Gadolinium	160-2	407	387	380	391	3.55	cps
Holmium	165-1	6739681	6959883	6662410	6787325	2.27	cps
Holmium	165-2	4070422	4125745	4221908	4139358	1.85	cps
Indium	115-1	6636963	7164509	6531345	6777606	5.00	cps
Indium	115-2	1153507	1199126	1209841	1187491	2.52	cps
Iron	54-2	8567597	8555831	8452534	8525321	0.74	cps
Iron	56-2	158052548	154622448	156146976	156273991	1.10	cps
Iron	57-2	4028520	3802103	3868554	3899726	2.98	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:20:55	DataFile Name :	132CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1083	1047	1049	3.18	cps
Lead	206-1	5992379	5983775	6056703	6010952	0.66	cps
Lead	207-1	5343663	5322719	5253655	5306679	0.89	cps
Lead	208-1	23896201	24248365	23987266	24043944	0.76	cps
Lithium	6-1	4438496	4457704	4278509	4391570	2.24	cps
Magnesium	24-2	30802013	30417077	30585226	30601439	0.63	cps
Manganese	55-2	4204397	4069128	4167491	4147006	1.69	cps
Molybdenum	94-1	9524004	9319984	9229659	9357882	1.61	cps
Molybdenum	95-1	14117320	13827361	13782074	13908918	1.31	cps
Molybdenum	96-1	15239898	14837646	15077572	15051705	1.34	cps
Molybdenum	97-1	8395558	8276955	8550766	8407760	1.63	cps
Molybdenum	98-1	21905412	21677979	22852362	22145251	2.81	cps
Neodymium	150-1	400	500	480	460	11.50	cps
Neodymium	150-2	150	160	113	141	17.41	cps
Nickel	60-2	381436	378611	378135	379394	0.47	cps
Phosphorus	31-2	22284	21575	23353	22404	3.99	cps
Potassium	39-2	12170721	12148300	12011687	12110236	0.71	cps
Rhodium	103-1	6312695	6520155	6406473	6413108	1.62	cps
Rhodium	103-2	3357896	3384062	3459937	3400632	1.56	cps
Scandium	45-1	6069100	6390734	6164775	6208203	2.66	cps
Scandium	45-2	196205	199889	201025	199039	1.27	cps
Selenium	82-1	44776	44826	45014	44872	0.28	cps
Selenium	77-2	1530	1563	1477	1523	2.87	cps
Selenium	78-2	5239	5193	5215	5216	0.43	cps
Silicon	28-1	2993226	3085936	3140090	3073084	2.42	cps
Silver	107-1	2969503	2948243	2904501	2940749	1.13	cps
Silver	109-1	2751870	2675457	2771309	2732879	1.85	cps
Sodium	23-2	60734776	60117824	58890249	59914283	1.57	cps
Strontium	86-1	8707043	8807502	8934916	8816487	1.30	cps
Strontium	88-1	75368018	75631298	75993593	75664303	0.42	cps
Sulfur	34-1	744040	737082	743163	741428	0.51	cps
Terbium	159-1	7058969	7324247	7017953	7133723	2.33	cps
Terbium	159-2	3997986	4154742	4171950	4108226	2.33	cps
Thallium	203-1	1403972	1437825	1432478	1424759	1.28	cps
Thallium	205-1	3510488	3519647	3593907	3541347	1.29	cps
Tin	118-1	1839502	1874034	1873519	1862352	1.06	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:20:55	DataFile Name :	132CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4907884	4944482	5039044	4963804	1.36	cps
Uranium	238-1	4293088	4306988	4363577	4321218	0.86	cps
Vanadium	51-2	695632	688225	691310	691723	0.54	cps
Ytterbium	172-1	58	50	33	47	26.96	cps
Ytterbium	172-2	44	22	22	30	43.32	cps
Ytterbium	176-1	7294	7136	7094	7174	1.47	cps
Ytterbium	176-2	9531	10377	9709	9872	4.51	cps
Yttrium	89-1	14077708	14318591	13445221	13947174	3.23	cps
Yttrium	89-2	1662593	1685011	1674541	1674048	0.67	cps
Zinc	66-2	1149959	1138969	1145767	1144898	0.48	cps
Zirconium	90-1	4719240	4811921	4682354	4737838	1.41	cps
Zirconium	91-1	1020575	1041278	1018691	1026848	1.22	cps

LB Number : LB117796 Operator : Jaswal
 Lab Sample ID : CCB064 Instrumnet Name : P8
 Client Sample ID : CCB064 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-14 20:27:42 DataFile Name : 133CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226	221	194	214	8.19	cps
Antimony	121-1	458	567	517	514	10.55	cps
Arsenic	75-2	8	9	8	8	6.93	cps
Barium	135-1	83	100	183	122	43.83	cps
Barium	137-1	183	100	283	189	48.60	cps
Beryllium	9-1	162	144	214	173	20.97	cps
Bismuth	209-1	3394664	3430783	3401915	3409121	0.56	cps
Bismuth	209-2	2803137	2619584	2666458	2696393	3.54	cps
Boron	10-1	5986	5696	5500	5727	4.27	cps
Boron	11-1	26080	25579	25040	25566	2.03	cps
Bromine	81-1	16477	16076	15916	16156	1.79	cps
Cadmium	111-1	2135	2034	2102	2090	2.48	cps
Cadmium	106-1	2984	2850	2959	2931	2.42	cps
Cadmium	108-1	17	17	33	22	43.28	cps
Calcium	43-1	526	471	517	505	5.85	cps
Calcium	44-1	29953	29717	30841	30170	1.96	cps
Carbon	12-1	4523334	4549958	4629600	4567631	1.21	cps
Carbon	12-2	40699	41117	39754	40523	1.72	cps
Chlorine	35-1	2083677	2018580	1970069	2024109	2.82	cps
Chlorine	35-2	11830	11555	11755	11713	1.21	cps
Chromium	52-2	800	847	883	843	4.95	cps
Cobalt	59-2	103	77	83	88	15.81	cps
Copper	63-2	947	1040	893	960	7.73	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	25	0	25	100.00	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	67	50	63	60	14.70	cps
Holmium	165-1	6302174	6022843	6347230	6224082	2.82	cps
Holmium	165-2	4077755	4049863	3954125	4027248	1.61	cps
Indium	115-1	6585655	6532305	6596142	6571367	0.52	cps
Indium	115-2	1250571	1211164	1224349	1228695	1.63	cps
Iron	54-2	683	828	667	726	12.21	cps
Iron	56-2	8147	8258	7419	7941	5.74	cps
Iron	57-2	306	356	306	322	8.96	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:27:42	DataFile Name :	133CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1150	1140	1147	1146	0.44	cps
Lead	206-1	828	867	822	839	2.89	cps
Lead	207-1	683	789	778	750	7.73	cps
Lead	208-1	3222	3300	3511	3345	4.47	cps
Lithium	6-1	4101120	4191453	4185454	4159342	1.21	cps
Magnesium	24-2	1483	1392	1417	1431	3.31	cps
Manganese	55-2	153	167	147	156	6.55	cps
Molybdenum	94-1	825	683	717	742	9.99	cps
Molybdenum	95-1	717	667	633	672	6.24	cps
Molybdenum	96-1	933	775	892	867	9.47	cps
Molybdenum	97-1	417	508	367	431	16.69	cps
Molybdenum	98-1	1192	875	1308	1125	19.93	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	103	77	78	32.17	cps
Phosphorus	31-2	267	167	192	208	24.98	cps
Potassium	39-2	19272	18204	18446	18640	3.00	cps
Rhodium	103-1	6527635	6635977	6571913	6578508	0.83	cps
Rhodium	103-2	3703208	3614434	3607258	3641634	1.47	cps
Scandium	45-1	6105801	5953047	6097914	6052254	1.42	cps
Scandium	45-2	203291	199971	199766	201009	0.98	cps
Selenium	82-1	-31	-45	-72	-50	-41.68	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	66	48	53	56	16.69	cps
Silicon	28-1	732105	732040	735746	733297	0.29	cps
Silver	107-1	300	375	225	300	25.00	cps
Silver	109-1	325	183	267	258	27.56	cps
Sodium	23-2	21132	20598	19780	20504	3.32	cps
Strontium	86-1	2267	2075	2117	2153	4.68	cps
Strontium	88-1	2659	2692	3292	2881	12.37	cps
Sulfur	34-1	404903	405271	406317	405497	0.18	cps
Terbium	159-1	6593817	6576682	6561777	6577425	0.24	cps
Terbium	159-2	4045031	3936781	3942018	3974610	1.54	cps
Thallium	203-1	317	300	408	342	17.07	cps
Thallium	205-1	675	967	675	772	21.81	cps
Tin	118-1	600	683	567	617	9.75	cps

LB Number :	LB117796	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2021-12-14 20:27:42	DataFile Name :	133CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	425	600	486	20.31	cps
Uranium	238-1	167	117	208	164	28.00	cps
Vanadium	51-2	40	27	7	24	68.62	cps
Ytterbium	172-1	17	0	33	17	99.99	cps
Ytterbium	172-2	6	11	17	11	49.99	cps
Ytterbium	176-1	658	492	567	572	14.59	cps
Ytterbium	176-2	5479	5662	5557	5566	1.65	cps
Yttrium	89-1	13757731	12960972	12921335	13213346	3.57	cps
Yttrium	89-2	1730416	1657583	1675612	1687870	2.25	cps
Zinc	66-2	210	187	190	196	6.45	cps
Zirconium	90-1	1067	958	842	956	11.78	cps
Zirconium	91-1	150	142	183	158	13.93	cps