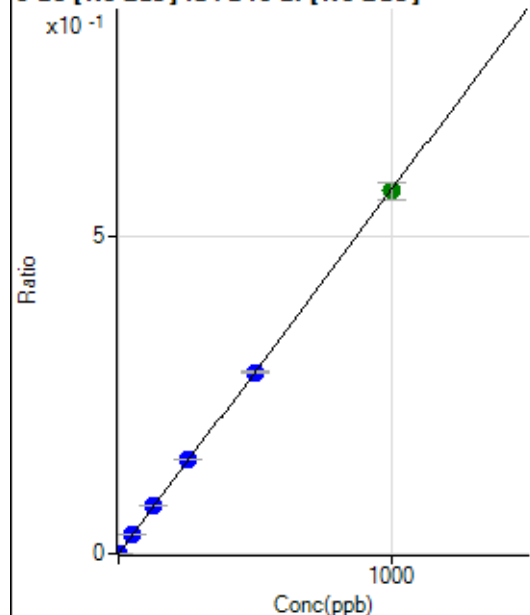


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8051822 MS.b\
 Analysis File: P8051822 MS.batch.bin
 DA Date-Time: 2022-05-19 11:35:29
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-05-18 15:08:19
2	005CALS.d	S02	2022-05-18 15:11:23
3	006CALS.d	S03	2022-05-18 15:14:28
4	007CALS.d	S04	2022-05-18 15:17:32
5	008CALS.d	S05	2022-05-18 15:20:37
6	009CALS.d	S06	2022-05-18 15:23:41
7	010CALS.d	S07	2022-05-18 15:26:47
8	012CALS.d	S08	2022-05-18 15:38:20

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.99	0.0000	P	23.4
2	☐	1.000	1.118	2083.74	0.0007	P	3.7
3	☐	50.000	53.574	99209.80	0.0307	P	2.4
4	☐	125.000	133.195	251286.28	0.0763	P	2.0
5	☐	250.000	258.802	493896.71	0.1482	P	1.0
6	☐	500.000	499.272	968646.08	0.2860	P	0.8
7	☐	1000.000	996.960	1986827.30	0.5710	A	5.0
8	☐			316.61	0.0001	P	8.1

$$y = 5.7276\text{E-}004 * x + 1.1968\text{E-}005$$

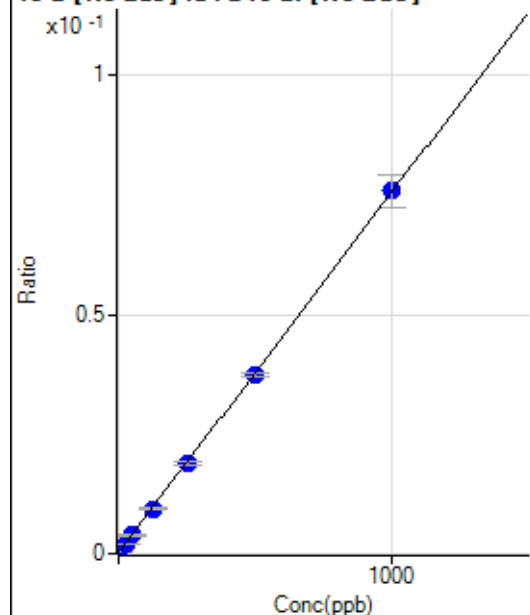
$$R = 0.9999$$

$$DL = 0.01467$$

$$BEC = 0.0209$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	750.54	0.0002	P	4.6
2	☐	25.000	22.366	6131.42	0.0019	P	8.3
3	☐	50.000	49.101	12711.02	0.0039	P	7.1
4	☐	125.000	121.950	31014.50	0.0094	P	6.0
5	☐	250.000	247.052	62781.14	0.0188	P	3.7
6	☐	500.000	492.740	126528.75	0.0373	P	2.7
7	☐	1000.000	1004.859	263826.62	0.0759	P	9.2
8	☐			6200.09	0.0018	P	3.3

$$y = 7.5308\text{E-}005 * x + 2.3679\text{E-}004$$

$$R = 1.0000$$

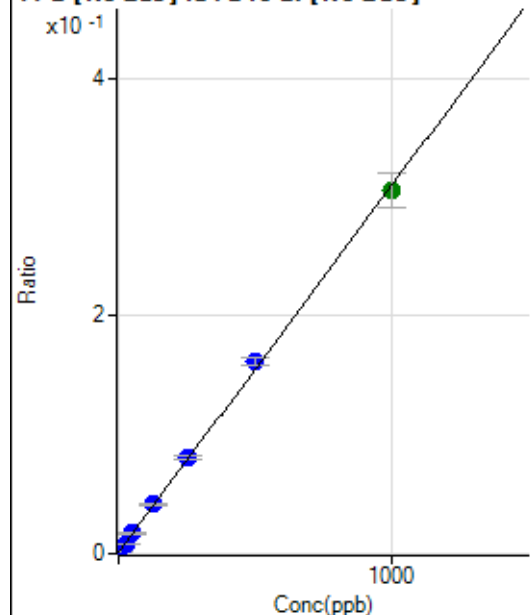
$$DL = 0.4373$$

$$BEC = 3.144$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3194.40	0.0010	P	4.1
2	☐	25.000	23.666	26536.16	0.0083	P	8.4
3	☐	50.000	52.225	55348.38	0.0171	P	6.2
4	☐	125.000	130.534	135982.64	0.0413	P	6.5
5	☐	250.000	257.192	267933.67	0.0804	P	4.6
6	☐	500.000	522.704	550252.24	0.1624	P	3.8
7	☐	1000.000	986.080	1061423.39	0.3054	A	9.7
8	☐			26624.81	0.0078	P	3.4

$$y = 3.0874\text{E-}004 * x + 0.0010$$

$$R = 0.9996$$

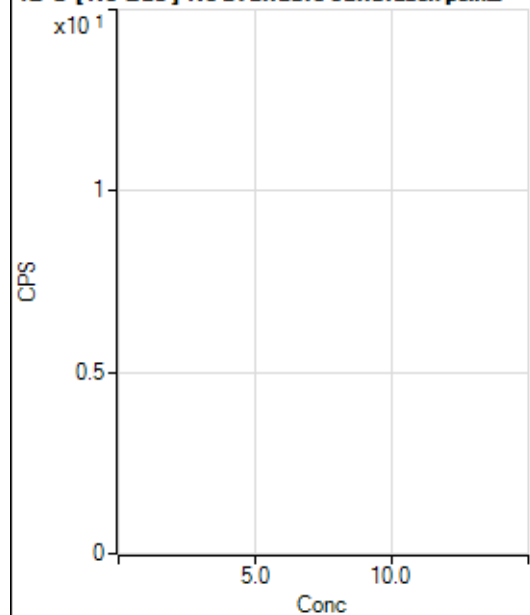
$$DL = 0.406$$

$$BEC = 3.264$$

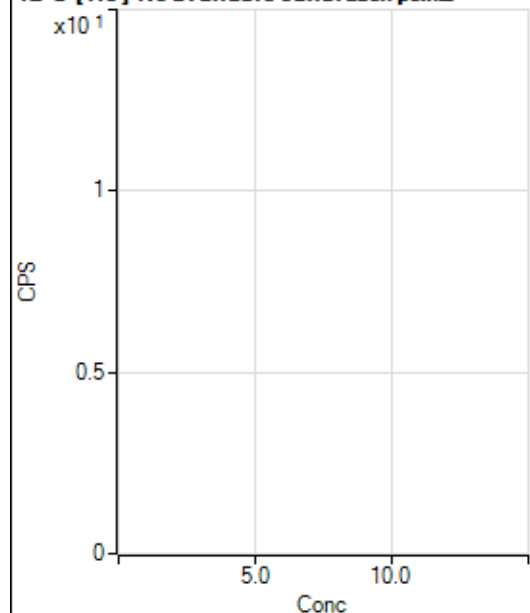
Weight: <None>

Min Conc: 0

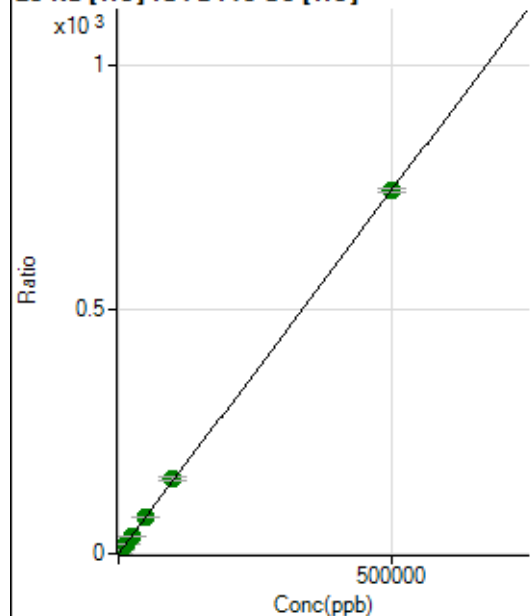
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3305087.53		A	0.6
2	☐			3356084.06		A	1.1
3	☐			3752410.50		A	0.6
4	☐			3867223.05		A	0.8
5	☐			3880850.78		A	0.6
6	☐			4286027.27		A	1.4
7	☐			5111279.76		A	2.3
8	☐			4129358.47		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37125.31		P	0.8
2	☐			38865.93		P	1.1
3	☐			44295.28		P	2.1
4	☐			46070.15		P	1.1
5	☐			46229.06		P	1.5
6	☐			53107.49		P	0.3
7	☐			64335.67		P	1.0
8	☐			52873.53		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11007.24	0.0726	P	4.0
2	☐	500.000	476.787	123202.09	0.7822	P	3.4
3	☐	5000.000	5261.818	1183069.94	7.9038	A	8.8
4	☐	12500.000	12457.052	2936724.24	18.6125	A	2.3
5	☐	25000.000	24906.333	5770416.49	37.1408	A	0.9
6	☐	50000.000	49889.693	11503871.18	74.3235	A	1.7
7	☐	100000.00	102693.34	24600236.66	152.9113	A	5.6
8	☐	500000.00	499475.52	120972148.5	743.4429	A	1.1

$$y = 0.0015 * x + 0.0726$$

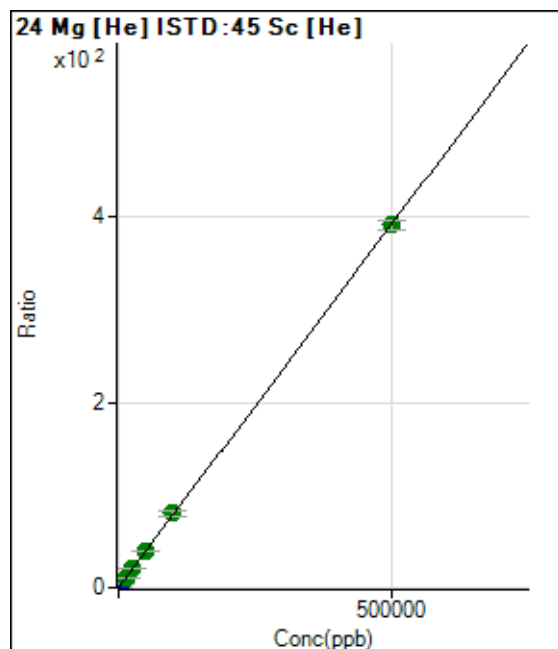
$$R = 1.0000$$

$$DL = 5.912$$

$$BEC = 48.81$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.78	0.0008	P	38.2
2	☐	500.000	495.767	61419.76	0.3900	P	3.5
3	☐	5000.000	5321.184	625010.02	4.1775	P	9.6
4	☐	12500.000	12714.597	1574769.09	9.9807	A	2.8
5	☐	25000.000	25491.144	3108905.36	20.0092	A	2.5
6	☐	50000.000	50386.360	6121450.01	39.5499	A	1.9
7	☐	100000.00	102619.83	12947046.21	80.5488	A	7.6
8	☐	500000.00	499404.26	63777469.48	391.9910	A	2.9

$$y = 7.8492\text{E-}004 * x + 8.4418\text{E-}004$$

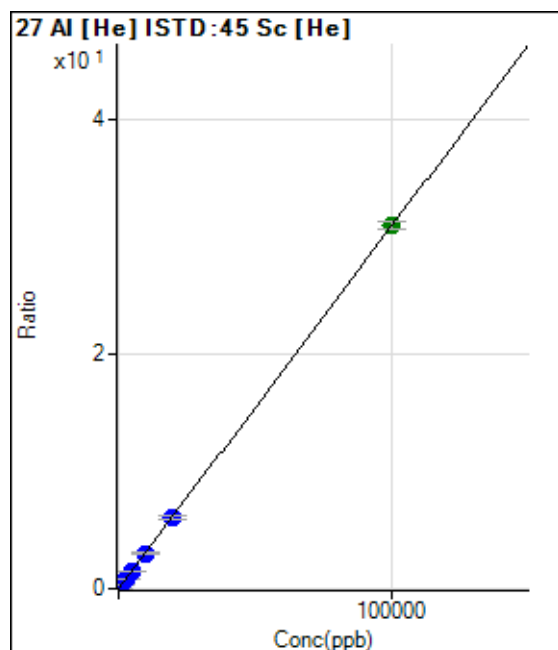
$$R = 1.0000$$

$$DL = 1.234$$

$$BEC = 1.075$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.49	0.0004	P	17.1
2	☐	20.000	19.566	1009.91	0.0064	P	5.9
3	☐	1000.000	1054.335	48711.56	0.3255	P	9.3
4	☐	2500.000	2451.164	119338.76	0.7563	P	1.1
5	☐	5000.000	4930.102	236281.30	1.5209	P	0.7
6	☐	10000.000	9777.633	466798.27	3.0159	P	1.9
7	☐	20000.000	19663.005	974913.28	6.0646	P	7.3
8	☐	100000.00	100093.80	5022791.22	30.8701	A	2.1

$$y = 3.0841\text{E-}004 * x + 3.7990\text{E-}004$$

$$R = 1.0000$$

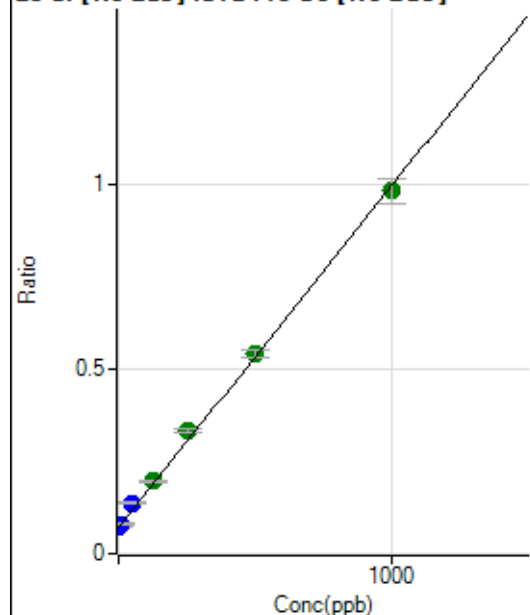
$$DL = 0.6303$$

$$BEC = 1.232$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	342137.71	0.0710	P	1.6
2	☐	10.000	9.925	386229.62	0.0802	P	1.4
3	☐	50.000	69.920	668384.47	0.1356	P	4.2
4	☐	125.000	134.388	959992.23	0.1951	A	4.4
5	☐	250.000	284.433	1595990.25	0.3336	A	4.0
6	☐	500.000	507.728	2626169.98	0.5398	A	3.6
7	☐	1000.000	985.359	4774855.79	0.9807	A	7.1
8	☐			533748.28	0.1078	P	4.1

$$y = 9.2318\text{E-}004 * x + 0.0710$$

$$R = 0.9992$$

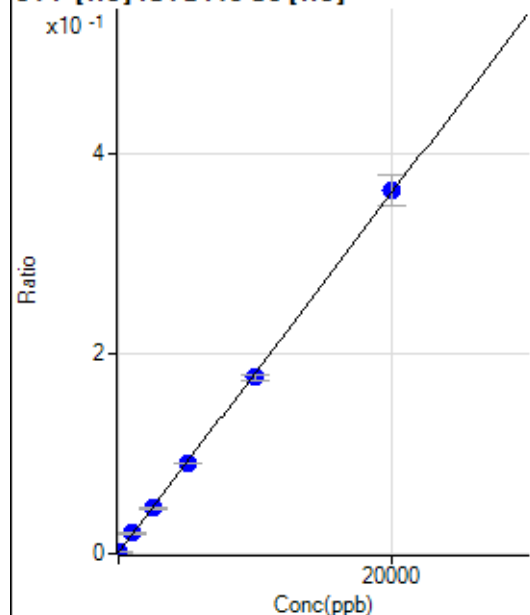
$$DL = 3.808$$

$$BEC = 76.94$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-15.394	116.67	0.0008	P	12.6
2	☐	0.000	15.394	208.34	0.0013	P	13.8
3	☐	1000.000	1070.328	3022.64	0.0203	P	14.1
4	☐	2500.000	2489.933	7215.85	0.0457	P	3.2
5	☐	5000.000	4951.814	13968.18	0.0899	P	0.5
6	☐	10000.000	9761.522	27273.58	0.1762	P	3.1
7	☐	20000.000	20129.028	58206.45	0.3623	P	8.4
8	☐			150.00	0.0009	P	34.3

$$y = 1.7945\text{E-}005 * x + 0.0010$$

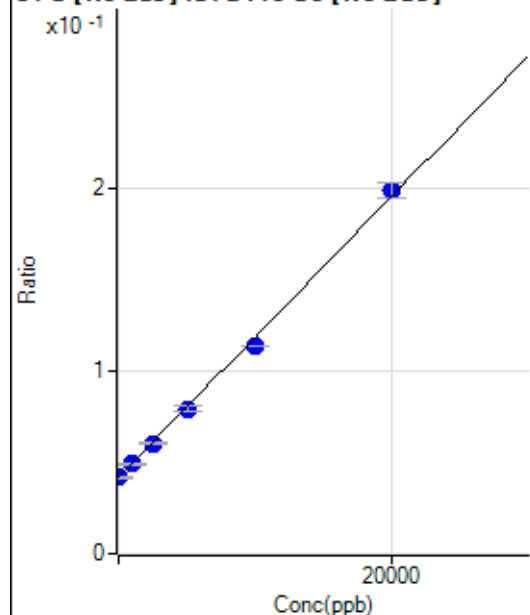
$$R = 0.9999$$

$$DL = 23.41$$

$$BEC = 58.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.009	200135.46	0.0416	P	2.7
2	☐	0.000	16.009	201270.43	0.0418	P	3.1
3	☐	1000.000	944.353	241219.24	0.0489	P	3.3
4	☐	2500.000	2416.241	296386.42	0.0602	P	2.8
5	☐	5000.000	4887.649	378784.71	0.0792	P	3.7
6	☐	10000.000	9313.145	550558.06	0.1131	P	0.5
7	☐	20000.000	20384.768	965133.62	0.1981	P	4.3
8	☐			200489.23	0.0405	P	1.1

$$y = 7.6730E-006 * x + 0.0417$$

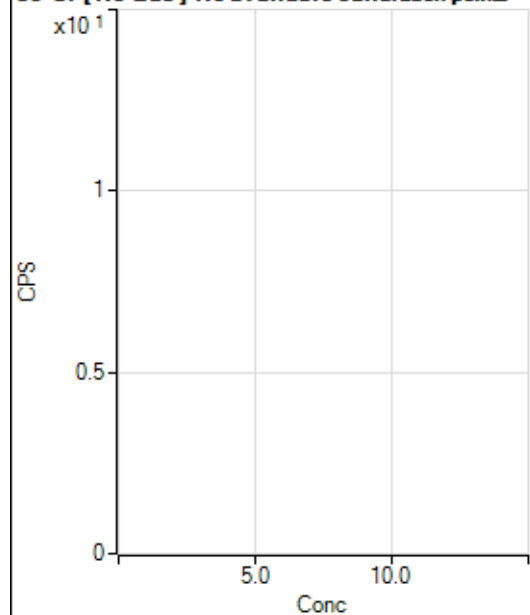
R = 0.9991

DL = 470.4

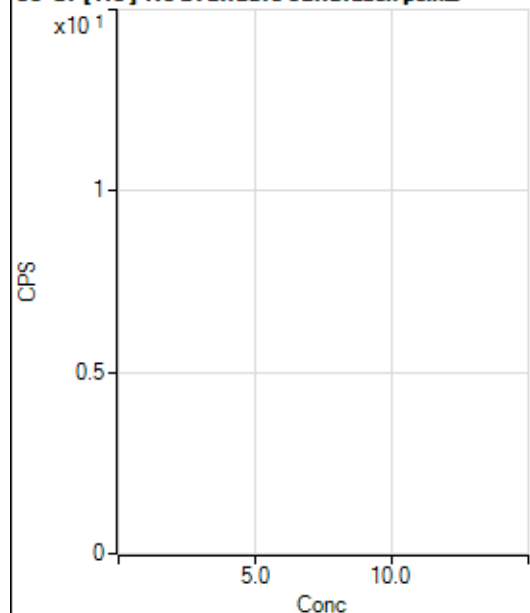
BEC = 5431

Weight: <None>

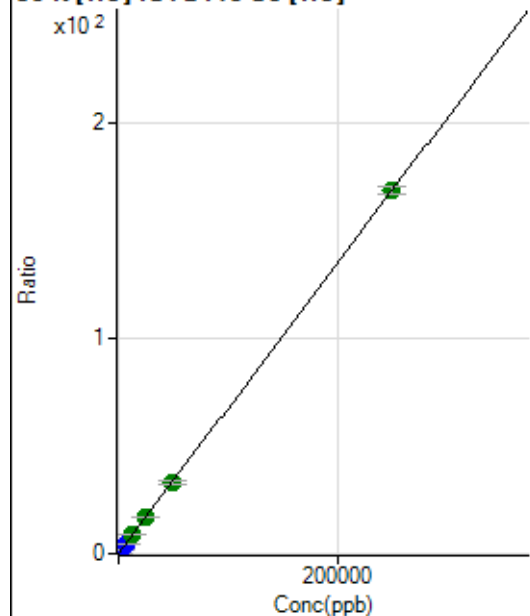
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			158693.13		P	0.5
2	☐			153704.86		P	0.6
3	☐			158710.68		P	0.4
4	☐			150066.95		P	0.3
5	☐			137350.35		P	0.3
6	☐			135558.11		P	0.8
7	☐			136915.76		P	1.1
8	☐			125617.87		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1341.77		P	17.5
2	☐			1441.77		P	11.6
3	☐			1433.44		P	8.8
4	☐			1258.42		P	6.3
5	☐			1177.86		P	8.4
6	☐			1202.86		P	5.0
7	☐			1147.30		P	5.2
8	☐			1038.95		P	12.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15672.74	0.1034	P	4.4
2	☐	500.000	473.303	66386.30	0.4213	P	0.9
3	☐	2500.000	2666.038	283029.81	1.8938	P	11.4
4	☐	6250.000	6200.928	673321.90	4.2676	P	2.1
5	☐	12500.000	12519.107	1322145.55	8.5104	A	0.8
6	☐	25000.000	24715.482	2584926.23	16.7006	A	2.5
7	☐	50000.000	48878.147	5294313.01	32.9266	A	6.8
8	☐	250000.00	250251.48	27359438.81	168.1547	A	2.1

$$y = 6.7153E-004 * x + 0.1034$$

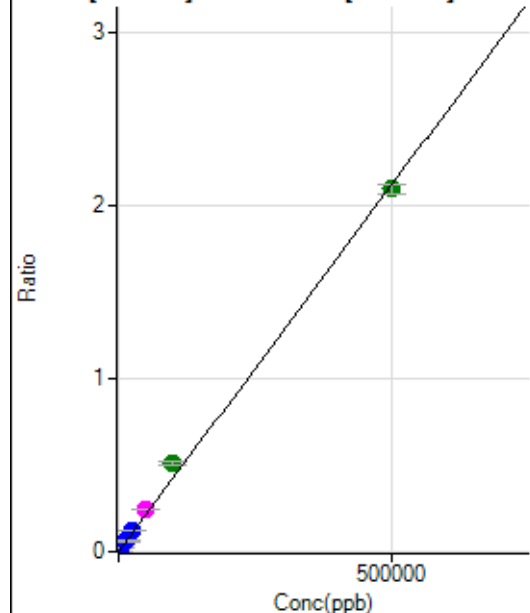
$$R = 1.0000$$

$$DL = 20.48$$

$$BEC = 154$$

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	360.79	0.0001	P	2.5
2	☐	500.000	497.235	10509.61	0.0022	P	1.5
3	☐	5000.000	5816.010	121896.74	0.0247	P	3.3
4	☐	12500.000	14458.762	302036.53	0.0613	P	1.5
5	☐	25000.000	29311.365	594586.77	0.1243	P	3.8
6	☐	50000.000	57145.937	1178809.55	0.2422	M	1.1
7	☐	100000.00	120682.55	2491692.06	0.5115	A	5.0
8	☐	500000.00	494876.20	10379243.76	2.0972	A	2.5

$$y = 4.2377\text{E-}006 * x + 7.4907\text{E-}005$$

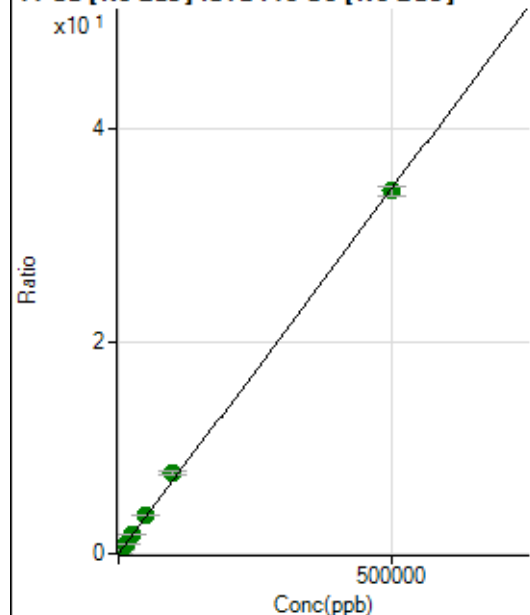
$$R = 0.9990$$

$$DL = 1.301$$

$$BEC = 17.68$$

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	7697.28	0.0016	P	2.3
2	☐	500.000	493.719	171029.19	0.0355	P	1.8
3	☐	5000.000	5443.247	1852142.23	0.3755	A	1.7
4	☐	12500.000	13499.312	4573256.16	0.9289	A	1.6
5	☐	25000.000	27050.847	8899914.92	1.8598	A	2.4
6	☐	50000.000	53371.365	17848087.77	3.6677	A	1.0
7	☐	100000.00	111087.78	37186397.59	7.6323	A	4.4
8	☐	500000.00	497313.35	169066670.2	34.1626	A	2.9

$$y = 6.8691\text{E-}005 * x + 0.0016$$

$$R = 0.9997$$

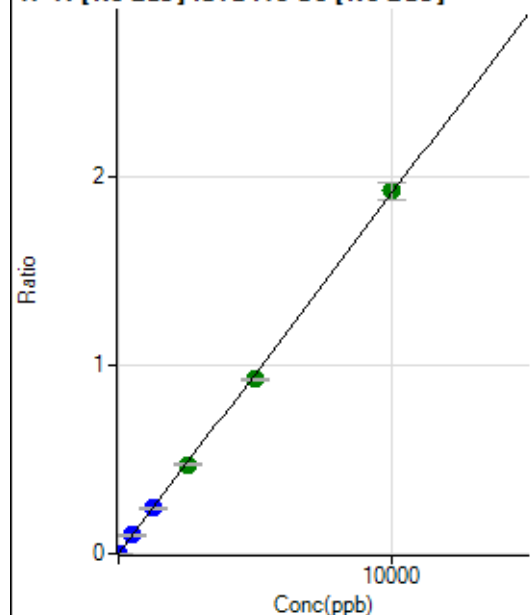
$$DL = 1.63$$

$$BEC = 23.26$$

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	163.89	0.0000	P	17.1
2	☐	5.000	5.219	4967.67	0.0010	P	2.3
3	☐	500.000	509.986	480733.28	0.0975	P	1.9
4	☐	1250.000	1264.347	1189284.60	0.2416	P	1.9
5	☐	2500.000	2481.247	2268945.06	0.4741	A	2.0
6	☐	5000.000	4842.301	4501644.55	0.9251	A	1.8
7	☐	10000.000	10081.245	9383369.91	1.9260	A	5.1
8	☐			2050.21	0.0004	P	9.8

$$y = 1.9104\text{E-}004 * x + 3.3997\text{E-}005$$

$$R = 0.9998$$

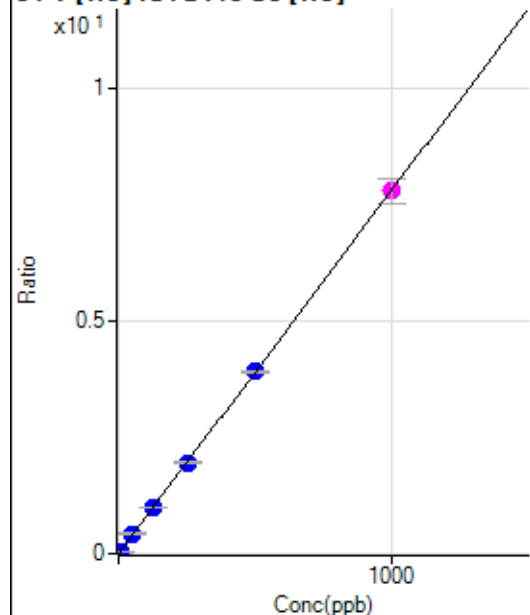
$$DL = 0.09154$$

$$BEC = 0.178$$

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	11.11	0.0001	P	61.4
2	☐	5.000	4.840	5962.42	0.0378	P	1.4
3	☐	50.000	53.268	62164.56	0.4158	P	11.0
4	☐	125.000	126.258	155494.70	0.9855	P	1.7
5	☐	250.000	250.412	303642.58	1.9545	P	1.0
6	☐	500.000	501.404	605733.59	3.9135	P	1.2
7	☐	1000.000	998.875	1253677.82	7.7961	M	6.6
8	☐			513.35	0.0032	P	9.8

$$y = 0.0078 * x + 7.3137\text{E-}005$$

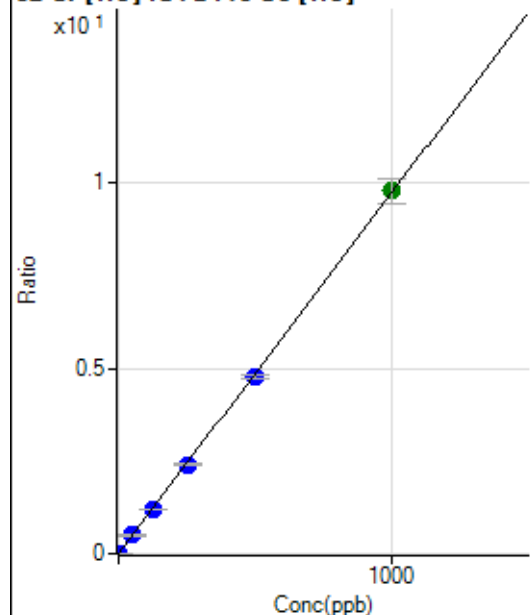
$$R = 1.0000$$

$$DL = 0.01725$$

$$BEC = 0.009371$$

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	486.68	0.0032	P	11.7
2	☐	2.000	1.922	3450.45	0.0219	P	1.9
3	☐	50.000	52.710	77144.73	0.5157	P	9.7
4	☐	125.000	123.453	189880.25	1.2034	P	1.4
5	☐	250.000	246.588	372939.59	2.4005	P	1.3
6	☐	500.000	490.940	739267.92	4.7761	P	1.6
7	☐	1000.000	1005.441	1572314.64	9.7781	A	6.8
8	☐			16755.49	0.1030	P	1.1

$$y = 0.0097 * x + 0.0032$$

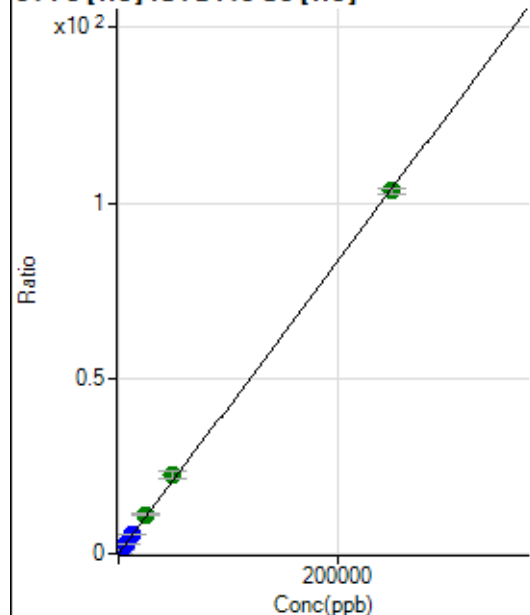
$$R = 0.9999$$

$$DL = 0.1163$$

$$BEC = 0.3311$$

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	400.01	0.0026	P	14.0
2	☐	50.000	53.791	3937.66	0.0250	P	5.0
3	☐	2500.000	2811.498	175065.44	1.1705	P	10.2
4	☐	6250.000	6685.617	438595.41	2.7798	P	1.7
5	☐	12500.000	13377.776	863697.45	5.5597	P	2.2
6	☐	25000.000	26938.233	1732437.74	11.1926	A	1.7
7	☐	50000.000	54154.572	3615213.68	22.4980	A	8.2
8	☐	250000.00	248917.36	16824427.46	103.4008	A	1.5

$$y = 4.1539E-004 * x + 0.0026$$

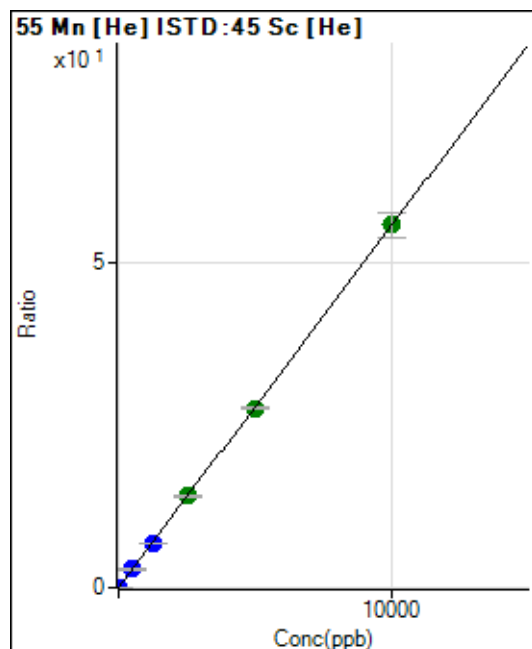
$$R = 0.9998$$

$$DL = 2.678$$

$$BEC = 6.365$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0005	P	4.7
2	☐	1.000	0.944	907.82	0.0058	P	6.5
3	☐	500.000	523.154	435363.38	2.9134	P	11.7
4	☐	1250.000	1235.313	1085372.99	6.8787	P	0.9
5	☐	2500.000	2527.573	2186621.96	14.0740	A	1.8
6	☐	5000.000	4949.594	4265917.71	27.5598	A	1.4
7	☐	10000.000	10018.988	8969213.55	55.7861	A	7.1
8	☐			5477.76	0.0337	P	5.0

$$y = 0.0056 * x + 5.1203E-004$$

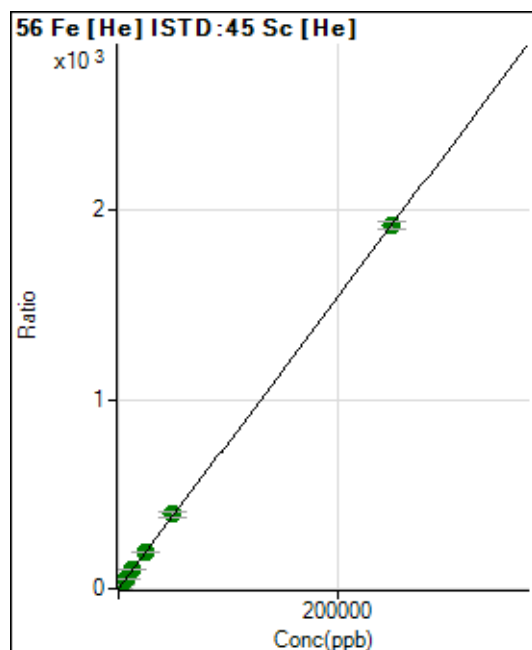
$$R = 1.0000$$

$$DL = 0.01302$$

$$BEC = 0.09196$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3057.78	0.0202	P	6.8
2	☐	50.000	50.388	64092.16	0.4069	P	1.6
3	☐	2500.000	2786.533	3200678.31	21.4039	A	10.7
4	☐	6250.000	6566.767	7954422.05	50.4132	A	1.1
5	☐	12500.000	13049.017	15561848.84	100.1576	A	3.0
6	☐	25000.000	25532.234	30331056.00	195.9530	A	0.5
7	☐	50000.000	51484.342	63497109.29	395.1080	A	7.9
8	☐	250000.00	249611.67	311662151.4	1,915.525	A	2.2

$$y = 0.0077 * x + 0.0202$$

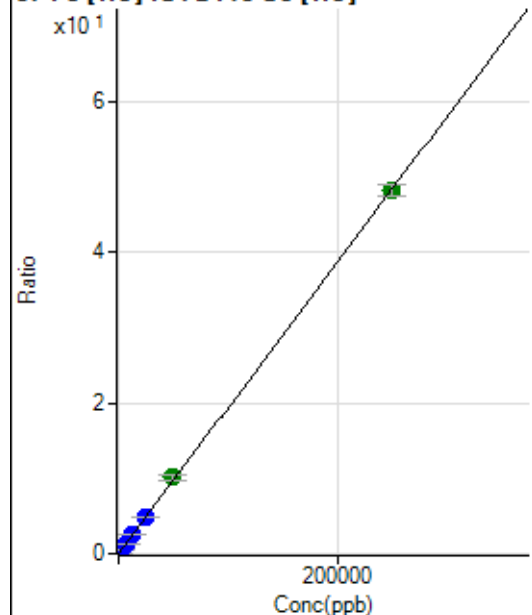
$$R = 1.0000$$

$$DL = 0.5342$$

$$BEC = 2.63$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	159.26	0.0010	P	27.7
2	☐	50.000	52.211	1750.14	0.0111	P	6.3
3	☐	2500.000	2744.332	79303.43	0.5301	P	9.8
4	☐	6250.000	6506.931	198090.70	1.2555	P	2.2
5	☐	12500.000	12915.618	387005.70	2.4910	P	0.6
6	☐	25000.000	25506.736	761285.63	4.9185	P	1.4
7	☐	50000.000	52767.973	1635587.35	10.1742	A	7.3
8	☐	250000.00	249366.08	7822609.67	48.0763	A	3.1

$$y = 1.9279\text{E-}004 * x + 0.0010$$

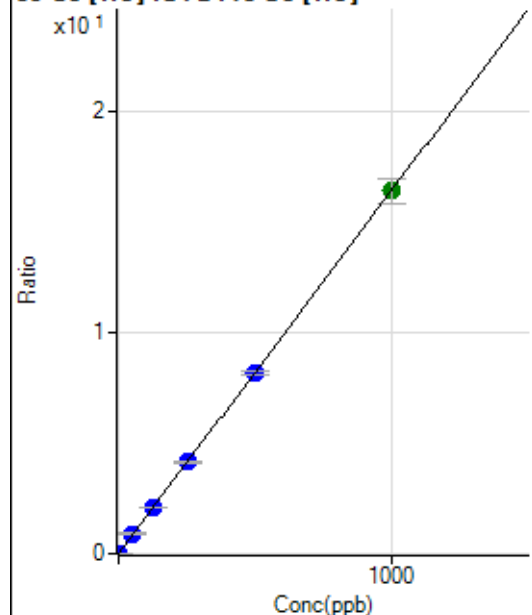
$$R = 0.9999$$

$$DL = 4.521$$

$$BEC = 5.434$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0003	P	6.2
2	☐	1.000	1.054	2775.86	0.0176	P	8.0
3	☐	50.000	54.099	132606.99	0.8875	P	11.8
4	☐	125.000	127.625	330257.69	2.0931	P	1.5
5	☐	250.000	251.812	641550.16	4.1295	P	0.9
6	☐	500.000	499.433	1267632.70	8.1900	P	1.9
7	☐	1000.000	999.297	2634376.12	16.3868	A	7.2
8	☐			7545.40	0.0464	P	1.8

$$y = 0.0164 * x + 3.4473\text{E-}004$$

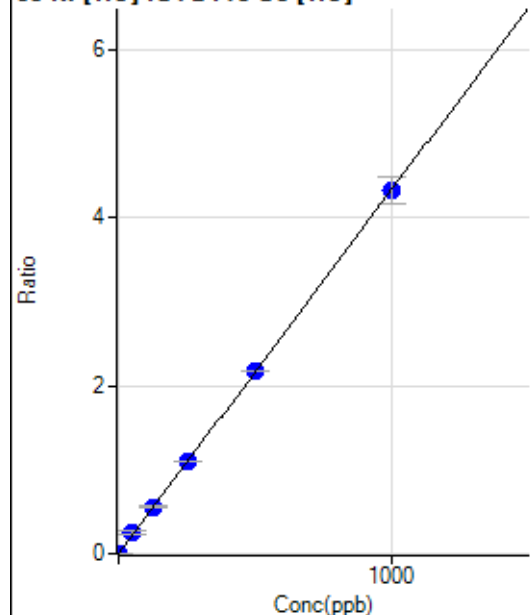
$$R = 1.0000$$

$$DL = 0.003902$$

$$BEC = 0.02102$$

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	24.45	0.0002	P	12.2
2	☐	1.000	1.086	767.81	0.0049	P	6.8
3	☐	50.000	57.900	37524.00	0.2511	P	11.8
4	☐	125.000	129.187	88375.11	0.5601	P	1.8
5	☐	250.000	254.657	171509.18	1.1040	P	1.1
6	☐	500.000	501.612	336565.41	2.1744	P	0.3
7	☐	1000.000	997.111	694717.71	4.3221	P	7.5
8	☐			5983.54	0.0368	P	1.2

$$y = 0.0043 * x + 1.6067E-004$$

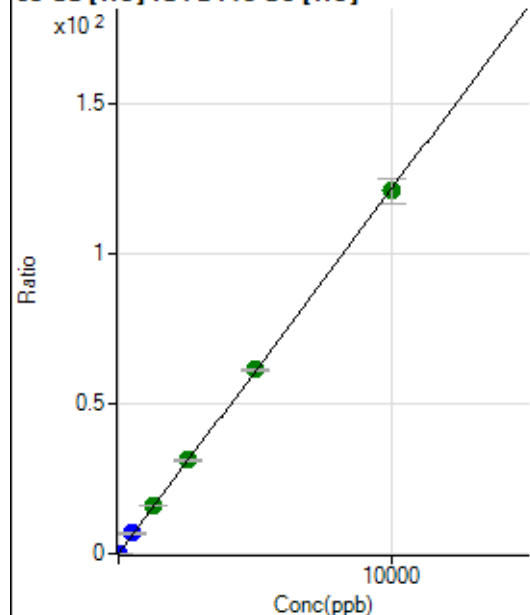
$$R = 1.0000$$

$$DL = 0.01358$$

$$BEC = 0.03707$$

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	452.24	0.0030	P	9.1
2	☐	2.000	2.002	4307.37	0.0273	P	4.6
3	☐	500.000	557.677	1015404.85	6.7882	P	9.9
4	☐	1250.000	1324.732	2543725.80	16.1210	A	0.5
5	☐	2500.000	2578.774	4874739.82	31.3789	A	1.8
6	☐	5000.000	5044.853	9501078.33	61.3837	A	1.2
7	☐	10000.000	9945.655	19458364.16	121.0117	A	6.8
8	☐			6818.37	0.0419	P	4.1

$$y = 0.0122 * x + 0.0030$$

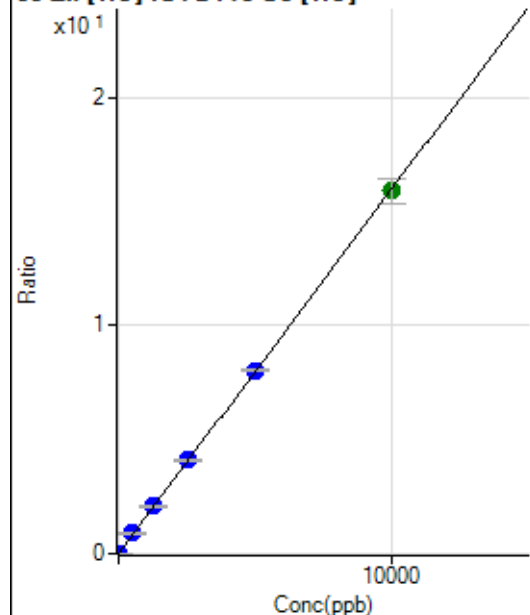
$$R = 0.9999$$

$$DL = 0.06734$$

$$BEC = 0.2454$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0009	P	2.3
2	☐	2.000	2.042	657.80	0.0042	P	12.3
3	☐	500.000	558.959	133515.88	0.8928	P	10.3
4	☐	1250.000	1294.951	326156.03	2.0671	P	1.2
5	☐	2500.000	2568.658	636871.94	4.0994	P	0.9
6	☐	5000.000	5032.581	1243025.54	8.0308	P	0.9
7	☐	10000.000	9957.978	2555081.07	15.8896	A	6.7
8	☐			6592.70	0.0405	P	2.0

$$y = 0.0016 * x + 9.2242E-004$$

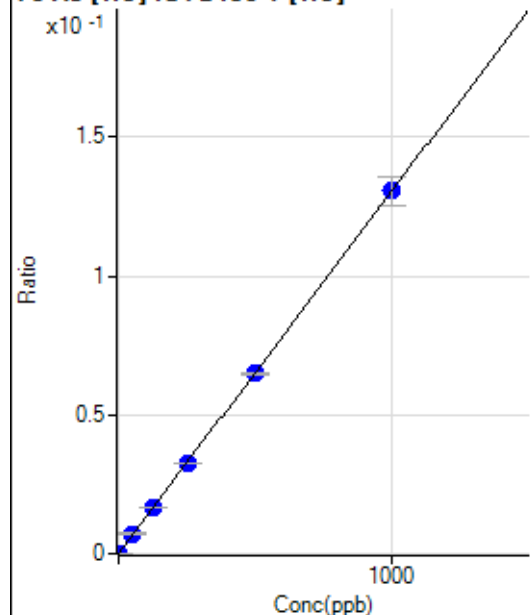
$$R = 1.0000$$

$$DL = 0.04027$$

$$BEC = 0.5781$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.00	0.0000	P	92.8
2	☐	1.000	1.112	186.69	0.0001	P	11.6
3	☐	50.000	53.930	8441.71	0.0070	P	9.2
4	☐	125.000	125.936	20669.47	0.0164	P	0.1
5	☐	250.000	248.632	40551.92	0.0324	P	0.4
6	☐	500.000	496.560	79521.87	0.0647	P	0.6
7	☐	1000.000	1001.748	165058.92	0.1306	P	7.7
8	☐			76.34	0.0001	P	15.8

$$y = 1.3039E-004 * x + 3.3493E-006$$

$$R = 1.0000$$

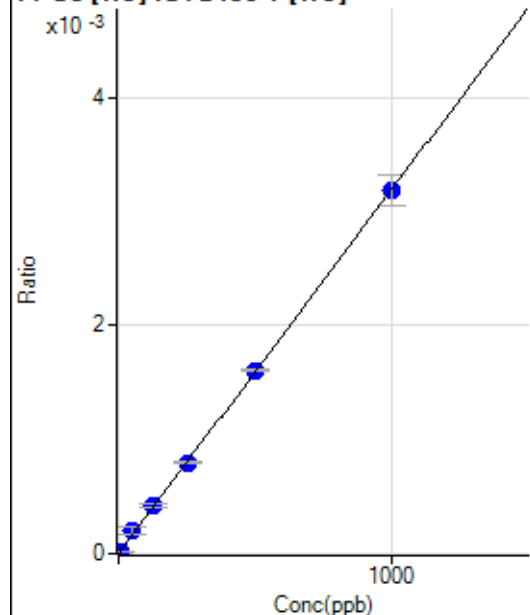
$$DL = 0.07154$$

$$BEC = 0.02569$$

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	1.11	0.0000	P	173.2
2	☐	5.000	4.983	21.11	0.0000	P	59.8
3	☐	50.000	63.501	242.23	0.0002	P	26.7
4	☐	125.000	130.910	526.68	0.0004	P	8.7
5	☐	250.000	248.705	993.38	0.0008	P	2.1
6	☐	500.000	504.046	1975.72	0.0016	P	0.7
7	☐	1000.000	996.887	4019.51	0.0032	P	8.6
8	☐			8.89	0.0000	P	94.6

$$y = 3.1898\text{E-}006 * x + 9.0725\text{E-}007$$

$$R = 0.9999$$

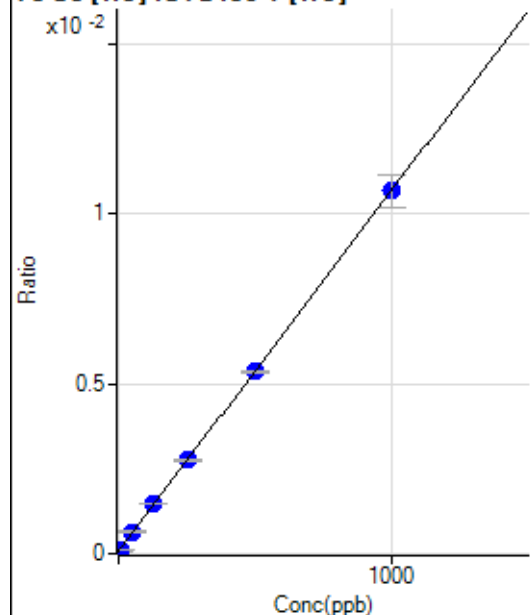
$$DL = 1.478$$

$$BEC = 0.2844$$

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	91.34	0.0001	P	5.5
2	☐	5.000	5.596	169.02	0.0001	P	3.8
3	☐	50.000	53.528	770.43	0.0006	P	8.9
4	☐	125.000	131.371	1845.64	0.0015	P	2.9
5	☐	250.000	252.526	3440.10	0.0028	P	2.0
6	☐	500.000	497.844	6570.54	0.0053	P	0.9
7	☐	1000.000	999.471	13468.46	0.0107	P	8.9
8	☐			96.34	0.0001	P	14.6

$$y = 1.0596\text{E-}005 * x + 7.4793\text{E-}005$$

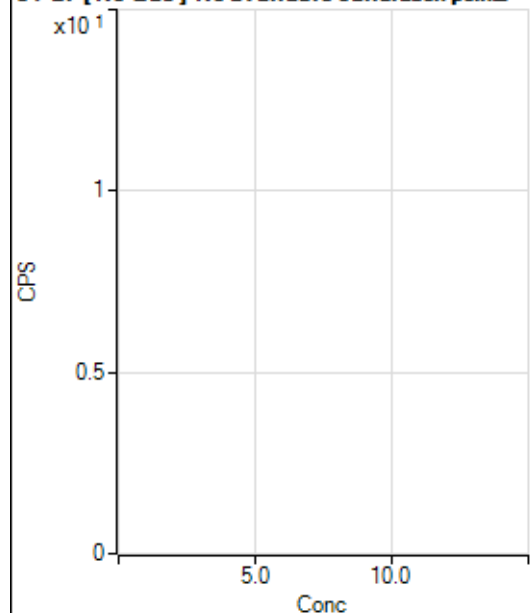
$$R = 1.0000$$

$$DL = 1.157$$

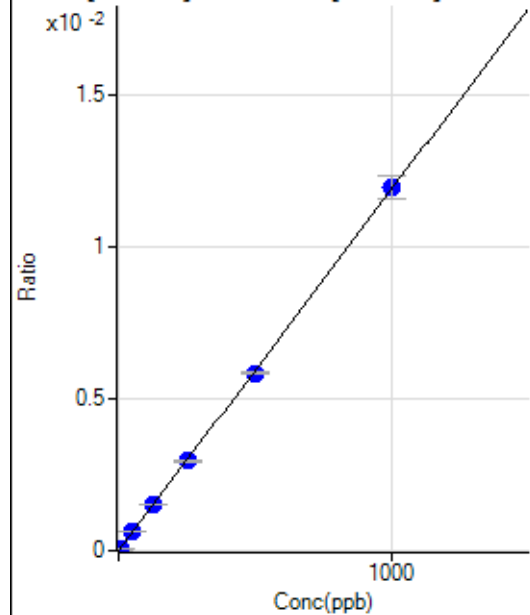
$$BEC = 7.059$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34237.30		P	1.5
2	☐			34542.08		P	2.4
3	☐			33066.76		P	2.0
4	☐			32842.52		P	2.2
5	☐			31956.35		P	3.9
6	☐			30692.31		P	5.2
7	☐			31989.88		P	3.2
8	☐			32474.52		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-31.67	0.0000	P	-284.
2	☐	5.000	4.548	547.60	0.0001	P	16.4
3	☐	50.000	52.085	6663.48	0.0006	P	4.8
4	☐	125.000	128.068	16541.06	0.0015	P	1.4
5	☐	250.000	249.704	32237.63	0.0030	P	1.9
6	☐	500.000	490.179	62652.06	0.0058	P	1.1
7	☐	1000.000	1004.499	128057.67	0.0119	P	6.5
8	☐			194.20	0.0000	P	31.8

$$y = 1.1884E-005 * x - 2.9434E-006$$

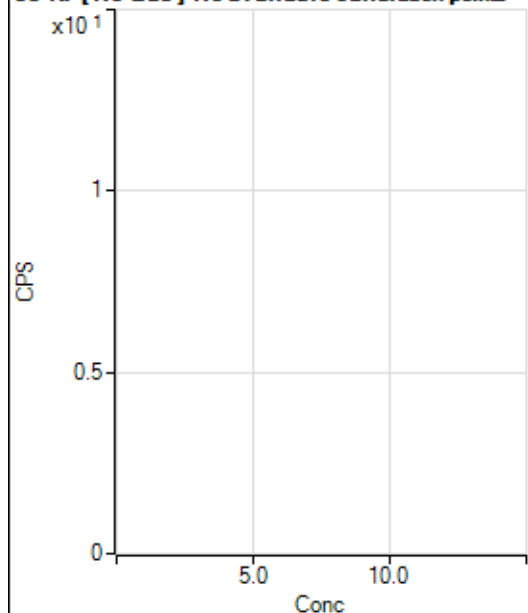
$$R = 0.9999$$

$$DL = 2.115$$

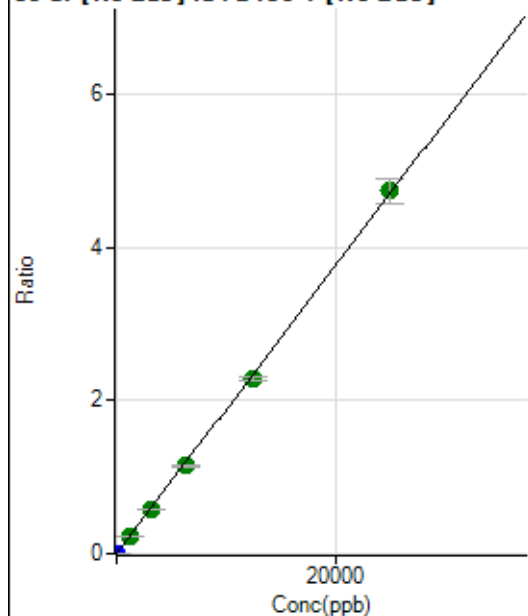
$$BEC = -0.2477$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3974.66		P	1.3
2	☐			4039.26		P	0.6
3	☐			3991.75		P	1.5
4	☐			3988.00		P	1.8
5	☐			3937.99		P	0.8
6	☐			3833.81		P	2.0
7	☐			4025.92		P	1.6
8	☐			3938.82		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6440.53	0.0006	P	1.5
2	☐	1.000	0.966	8383.30	0.0008	P	3.1
3	☐	1250.000	1242.407	2530617.70	0.2339	A	2.0
4	☐	3125.000	3032.458	6206689.59	0.5700	A	0.7
5	☐	6250.000	6089.814	12441391.60	1.1440	A	1.1
6	☐	12500.000	12140.474	24532207.15	2.2801	A	1.6
7	☐	25000.000	25231.757	50838808.78	4.7382	A	6.8
8	☐			22251.63	0.0020	P	2.4

$$y = 1.8776E-004 * x + 6.0061E-004$$

$$R = 0.9998$$

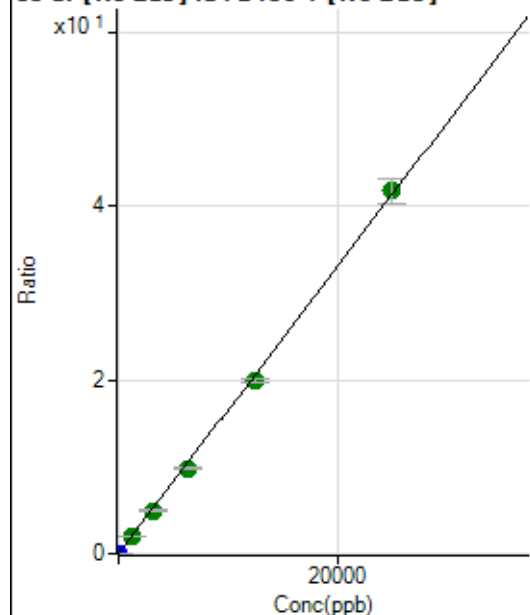
$$DL = 0.1395$$

$$BEC = 3.199$$

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	288.90	0.0000	P	17.5
2	☐	1.000	0.989	17767.32	0.0017	P	1.5
3	☐	1250.000	1215.376	21675708.99	2.0032	A	1.7
4	☐	3125.000	3009.464	54012871.34	4.9602	A	0.6
5	☐	6250.000	5962.412	106857591.9	9.8271	A	2.3
6	☐	12500.000	12068.402	213999211.7	19.8909	A	2.2
7	☐	25000.000	25303.869	447414415.5	41.7053	A	7.0
8	☐			135923.49	0.0123	P	3.6

$$y = 0.0016 * x + 2.6946E-005$$

$$R = 0.9997$$

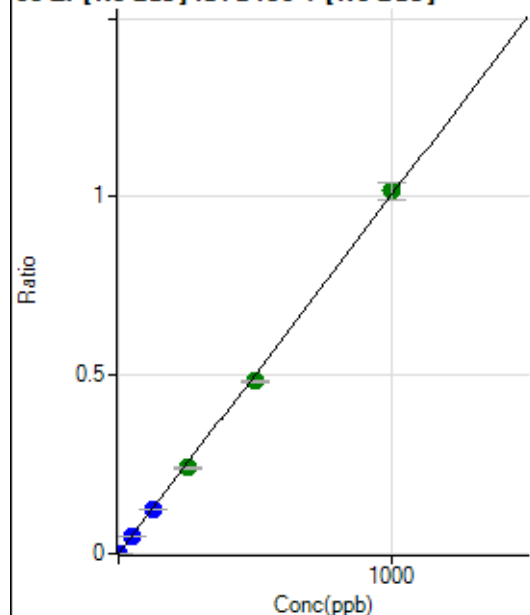
$$DL = 0.008592$$

$$BEC = 0.01635$$

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	463.91	0.0000	P	10.2
2	☐	1.000	0.940	10584.86	0.0010	P	2.2
3	☐	50.000	49.125	534517.02	0.0494	P	1.7
4	☐	125.000	123.473	1351337.86	0.1241	P	0.5
5	☐	250.000	239.986	2622218.57	0.2412	A	2.3
6	☐	500.000	481.719	5208106.02	0.4840	A	1.0
7	☐	1000.000	1011.879	10915161.62	1.0167	A	4.8
8	☐			6676.77	0.0006	P	1.8

$$y = 0.0010 * x + 4.3264E-005$$

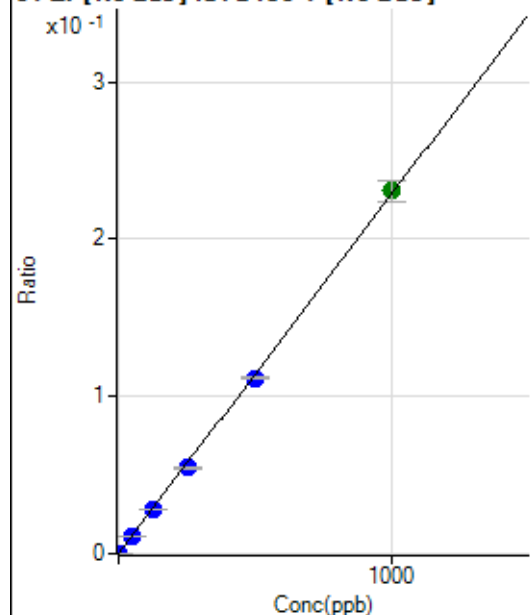
$$R = 0.9997$$

$$DL = 0.01323$$

$$BEC = 0.04306$$

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	69.45	0.0000	P	45.5
2	☐	1.000	0.927	2339.15	0.0002	P	3.9
3	☐	50.000	48.466	119901.08	0.0111	P	1.4
4	☐	125.000	121.140	301480.85	0.0277	P	0.8
5	☐	250.000	240.252	597004.95	0.0549	P	2.0
6	☐	500.000	487.495	1198582.40	0.1114	P	1.0
7	☐	1000.000	1009.249	2475146.15	0.2306	A	5.7
8	☐			1558.46	0.0001	P	7.8

$$y = 2.2849\text{E-}004 * x + 6.4801\text{E-}006$$

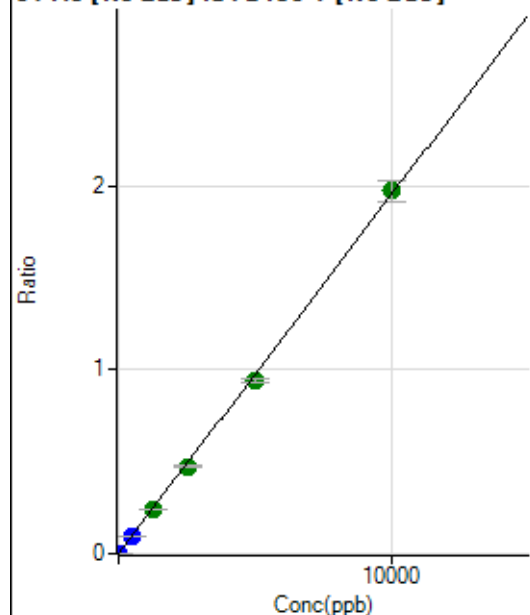
$$R = 0.9998$$

$$DL = 0.03875$$

$$BEC = 0.02836$$

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	147.23	0.0000	P	17.4
2	☐	5.000	5.998	12700.59	0.0012	P	0.5
3	☐	500.000	499.704	1055438.34	0.0975	P	1.7
4	☐	1250.000	1240.520	2636620.56	0.2421	A	1.0
5	☐	2500.000	2427.665	5153014.79	0.4738	A	1.0
6	☐	5000.000	4834.329	10151266.28	0.9436	A	2.5
7	☐	10000.000	10102.118	21161141.27	1.9717	A	5.9
8	☐			8641.80	0.0008	P	1.6

$$y = 1.9518\text{E-}004 * x + 1.3732\text{E-}005$$

$$R = 0.9998$$

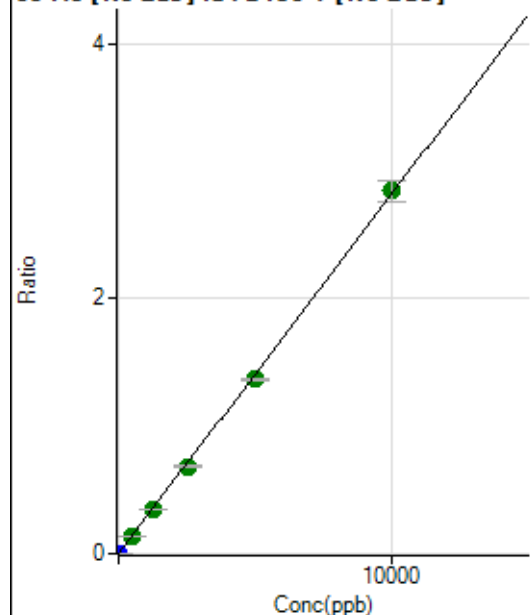
$$DL = 0.03676$$

$$BEC = 0.07036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	12.3
2	☐	5.000	5.034	15247.63	0.0014	P	2.4
3	☐	500.000	482.036	1469824.54	0.1358	A	2.4
4	☐	1250.000	1221.113	3747390.97	0.3441	A	0.7
5	☐	2500.000	2420.316	7416371.61	0.6821	A	2.9
6	☐	5000.000	4857.576	14729753.45	1.3690	A	0.8
7	☐	10000.000	10095.642	30538176.38	2.8451	A	5.6
8	☐			10109.51	0.0009	P	4.0

$$y = 2.8182\text{E-}004 * x + 3.6264\text{E-}006$$

$$R = 0.9998$$

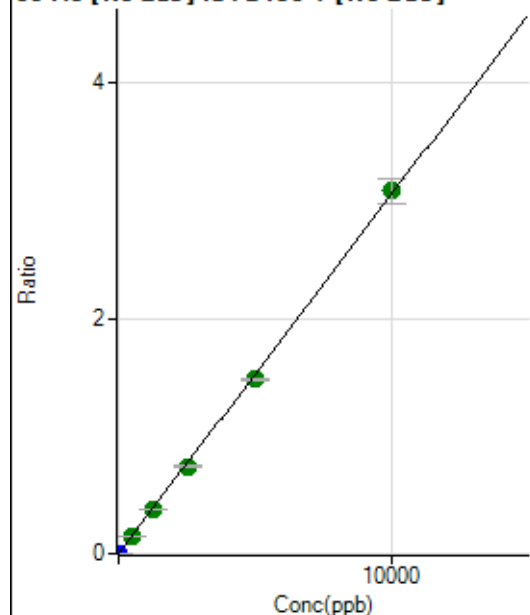
$$DL = 0.004735$$

$$BEC = 0.01287$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	202.79	0.0000	P	18.9
2	☐	5.000	5.072	16821.75	0.0016	P	2.3
3	☐	500.000	486.253	1607904.60	0.1486	A	3.3
4	☐	1250.000	1222.509	4068492.71	0.3736	A	0.1
5	☐	2500.000	2423.876	8055190.28	0.7408	A	1.8
6	☐	5000.000	4850.345	15949177.27	1.4823	A	1.5
7	☐	10000.000	10097.982	33107946.23	3.0860	A	6.8
8	☐			26662.54	0.0024	P	1.8

$$y = 3.0561\text{E-}004 * x + 1.8910\text{E-}005$$

$$R = 0.9998$$

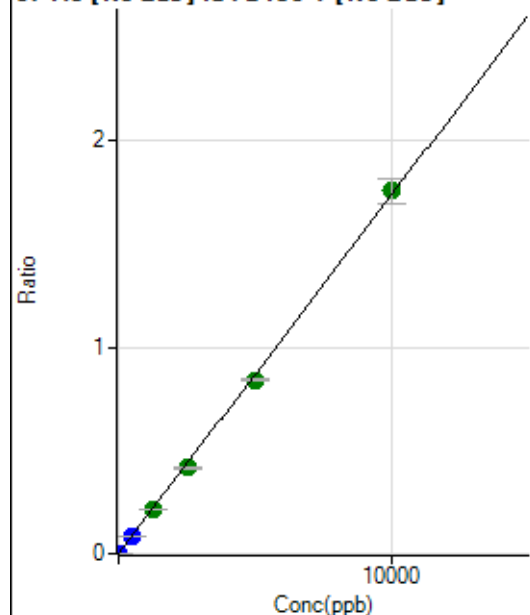
$$DL = 0.03513$$

$$BEC = 0.06188$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.0
2	☐	5.000	5.058	9442.41	0.0009	P	1.5
3	☐	500.000	505.580	949493.26	0.0877	P	1.0
4	☐	1250.000	1221.991	2309421.04	0.2121	A	1.9
5	☐	2500.000	2389.799	4510093.68	0.4148	A	2.0
6	☐	5000.000	4836.001	9030383.01	0.8393	A	0.8
7	☐	10000.000	10112.772	18830237.23	1.7551	A	6.7
8	☐			6237.72	0.0006	P	3.5

$$y = 1.7355\text{E-}004 * x + 2.5920\text{E-}006$$

$$R = 0.9997$$

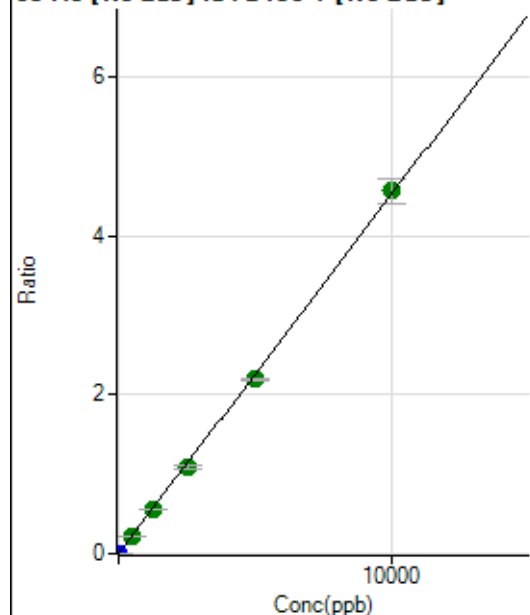
$$DL = 0.0206$$

$$BEC = 0.01494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.33	0.0000	P	24.5
2	☐	5.000	5.022	24383.15	0.0023	P	4.1
3	☐	500.000	496.567	2427198.80	0.2243	A	2.4
4	☐	1250.000	1224.359	6023263.59	0.5531	A	0.4
5	☐	2500.000	2407.052	11823116.58	1.0874	A	3.2
6	☐	5000.000	4855.672	23602016.85	2.1937	A	1.5
7	☐	10000.000	10098.778	48947008.73	4.5623	A	6.8
8	☐			14953.16	0.0014	P	5.4

$$y = 4.5177\text{E-}004 * x + 5.4383\text{E-}006$$

$$R = 0.9998$$

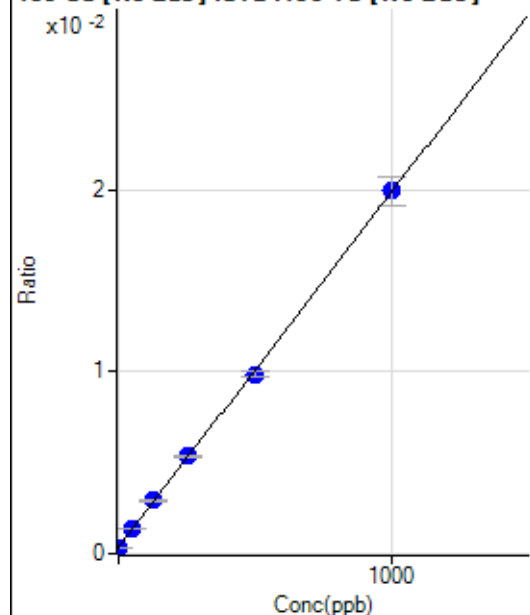
$$DL = 0.008858$$

$$BEC = 0.01204$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3008.76	0.0004	P	4.3
2	☐	1.000	0.383	3030.98	0.0004	P	2.7
3	☐	50.000	52.642	11805.38	0.0014	P	1.1
4	☐	125.000	132.108	24989.86	0.0029	P	3.8
5	☐	250.000	256.214	45782.49	0.0053	P	1.6
6	☐	500.000	487.188	86262.32	0.0098	P	3.5
7	☐	1000.000	1003.833	172314.66	0.0199	P	8.2
8	☐			2936.53	0.0003	P	10.6

$$y = 1.9482\text{E-}005 * x + 3.5658\text{E-}004$$

$$R = 0.9998$$

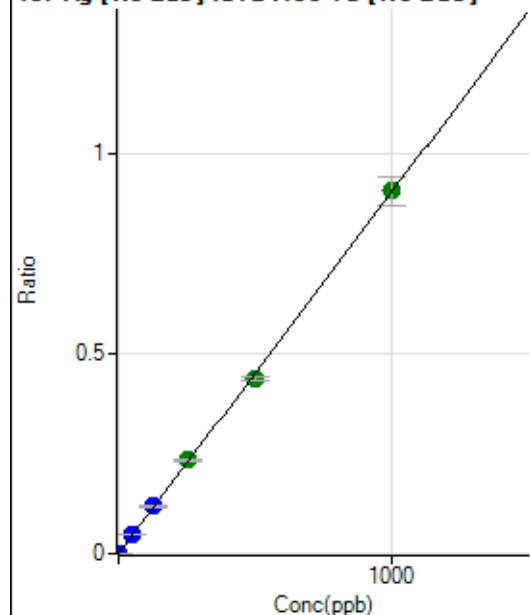
$$DL = 2.385$$

$$BEC = 18.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	28.4
2	☐	1.000	1.052	7994.16	0.0010	P	1.8
3	☐	50.000	52.057	401367.63	0.0470	P	1.3
4	☐	125.000	131.224	1009941.19	0.1184	P	1.5
5	☐	250.000	260.211	2010643.15	0.2349	A	2.2
6	☐	500.000	485.172	3836479.90	0.4379	A	1.5
7	☐	1000.000	1003.980	7842283.59	0.9061	A	8.0
8	☐			2822.60	0.0003	P	4.0

$$y = 9.0255\text{E-}004 * x + 1.0891\text{E-}005$$

$$R = 0.9998$$

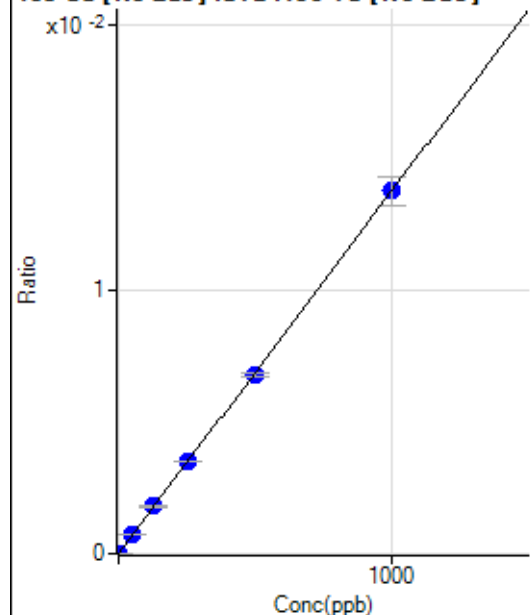
$$DL = 0.01029$$

$$BEC = 0.01207$$

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	44.45	0.0000	P	21.3
2	☐	1.000	0.954	152.78	0.0000	P	10.2
3	☐	50.000	51.852	6111.15	0.0007	P	3.3
4	☐	125.000	130.682	15311.45	0.0018	P	2.1
5	☐	250.000	253.718	29803.18	0.0035	P	0.9
6	☐	500.000	494.206	59368.99	0.0068	P	1.4
7	☐	1000.000	1001.165	118759.35	0.0137	P	7.9
8	☐			80.56	0.0000	P	29.5

$$y = 1.3701\text{E-}005 * x + 5.2787\text{E-}006$$

$$R = 1.0000$$

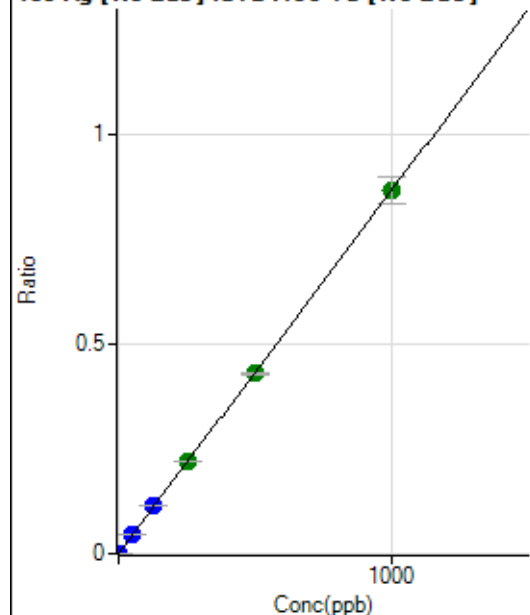
$$DL = 0.2459$$

$$BEC = 0.3853$$

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	66.67	0.0000	P	39.1
2	☐	1.000	1.050	7638.43	0.0009	P	4.7
3	☐	50.000	53.000	392305.32	0.0459	P	1.1
4	☐	125.000	131.558	972119.03	0.1140	P	0.7
5	☐	250.000	255.666	1896601.19	0.2216	A	0.8
6	☐	500.000	496.550	3769853.21	0.4303	A	1.1
7	☐	1000.000	999.338	7496278.72	0.8660	A	7.5
8	☐			2697.57	0.0003	P	0.7

$$y = 8.6653\text{E-}004 * x + 7.9387\text{E-}006$$

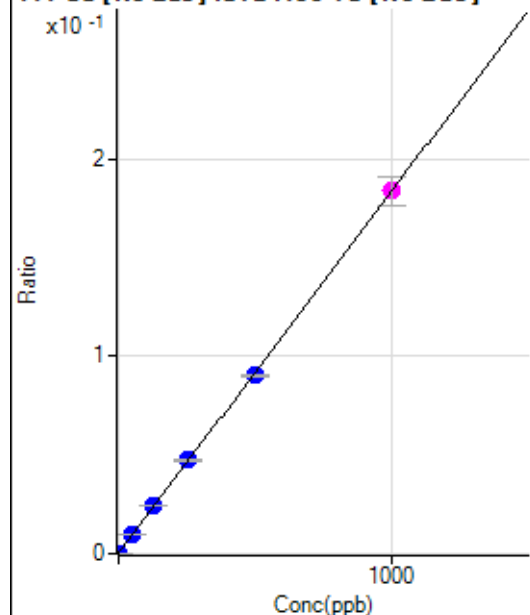
$$R = 1.0000$$

$$DL = 0.01076$$

$$BEC = 0.009161$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2095.85	0.0002	P	4.6
2	☐	1.000	1.075	3709.31	0.0004	P	1.7
3	☐	50.000	51.679	83039.39	0.0097	P	1.1
4	☐	125.000	130.494	206117.11	0.0242	P	0.8
5	☐	250.000	256.751	405084.09	0.0473	P	1.5
6	☐	500.000	491.864	792342.01	0.0904	P	1.4
7	☐	1000.000	1001.609	1591359.43	0.1839	M	8.1
8	☐			2508.92	0.0003	P	8.3

$$y = 1.8334\text{E-}004 * x + 2.4839\text{E-}004$$

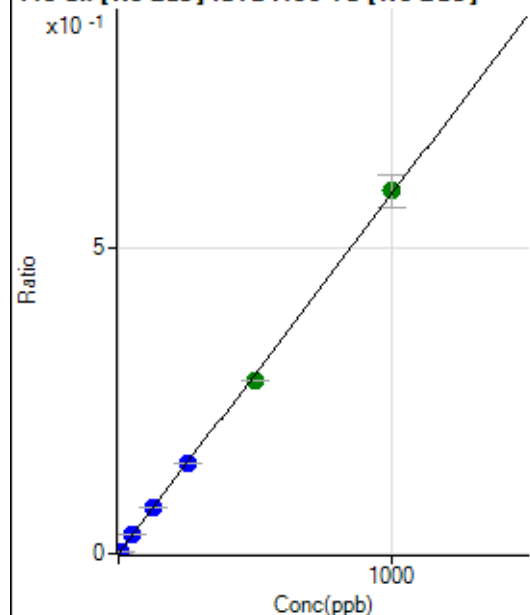
$$R = 0.9999$$

$$DL = 0.1867$$

$$BEC = 1.355$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1172.31	0.0001	P	2.4
2	☐	5.000	4.928	25218.22	0.0030	P	1.6
3	☐	50.000	51.801	260703.85	0.0305	P	1.7
4	☐	125.000	126.623	634568.57	0.0744	P	0.3
5	☐	250.000	251.206	1262750.40	0.1475	P	1.1
6	☐	500.000	480.655	2471805.53	0.2821	A	0.3
7	☐	1000.000	1009.078	5121655.89	0.5921	A	9.3
8	☐			8072.00	0.0009	P	3.8

$$y = 5.8663\text{E-}004 * x + 1.3888\text{E-}004$$

$$R = 0.9997$$

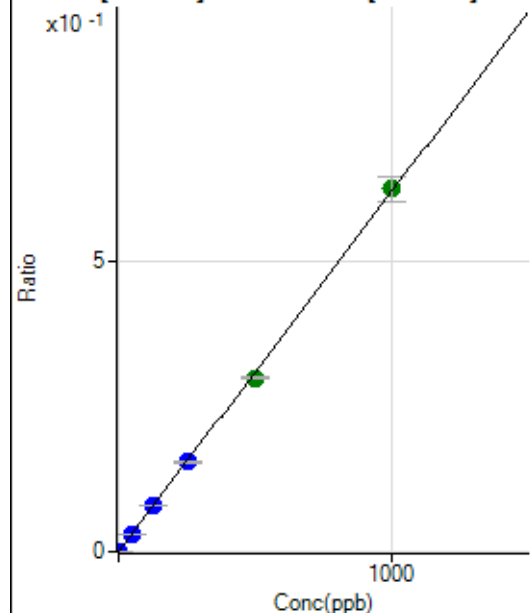
$$DL = 0.01713$$

$$BEC = 0.2367$$

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	41.67	0.0000	P	68.9
2	☐	2.000	2.027	10487.62	0.0013	P	1.7
3	☐	50.000	49.709	262898.28	0.0308	P	1.0
4	☐	125.000	126.730	669036.71	0.0785	P	0.8
5	☐	250.000	249.593	1322869.84	0.1545	P	1.3
6	☐	500.000	482.971	2620132.68	0.2990	A	0.9
7	☐	1000.000	1008.414	5405317.70	0.6243	A	7.2
8	☐			3756.20	0.0004	P	5.6

$$y = 6.1911\text{E-}004 * x + 4.9051\text{E-}006$$

$$R = 0.9998$$

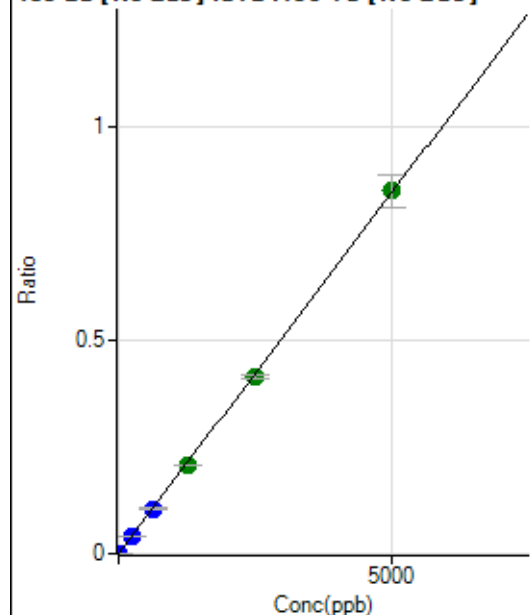
$$DL = 0.01638$$

$$BEC = 0.007923$$

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	25.00	0.0000	P	57.1
2	☐	10.000	9.923	13988.14	0.0017	P	2.0
3	☐	250.000	250.240	361426.61	0.0423	P	0.7
4	☐	625.000	626.209	902870.49	0.1059	P	0.8
5	☐	1250.000	1218.383	1763694.09	0.2060	A	0.6
6	☐	2500.000	2449.134	3628169.00	0.4141	A	1.7
7	☐	5000.000	5033.174	7362822.65	0.8511	A	8.9
8	☐			3758.98	0.0004	P	8.8

$$y = 1.6909\text{E-}004 * x + 2.9459\text{E-}006$$

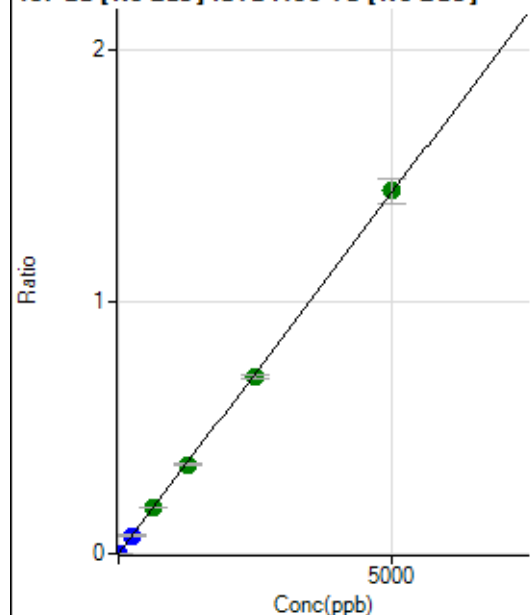
$$R = 0.9999$$

$$DL = 0.02986$$

$$BEC = 0.01742$$

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	36.11	0.0000	P	79.4
2	☐	10.000	10.039	24005.16	0.0029	P	1.0
3	☐	250.000	252.583	618838.87	0.0725	P	1.7
4	☐	625.000	631.745	1545287.53	0.1812	A	1.0
5	☐	1250.000	1236.200	3035839.13	0.3546	A	1.2
6	☐	2500.000	2450.514	6158936.03	0.7030	A	1.6
7	☐	5000.000	5027.221	12485232.66	1.4422	A	7.2
8	☐			6535.10	0.0007	P	3.9

$$y = 2.8687E-004 * x + 4.2436E-006$$

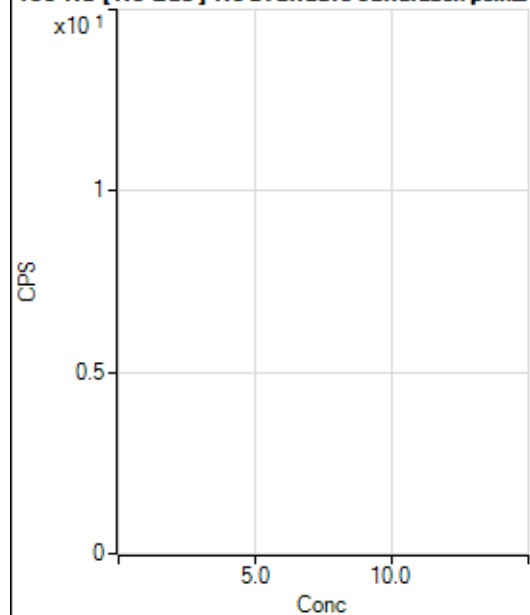
$$R = 0.9999$$

$$DL = 0.03525$$

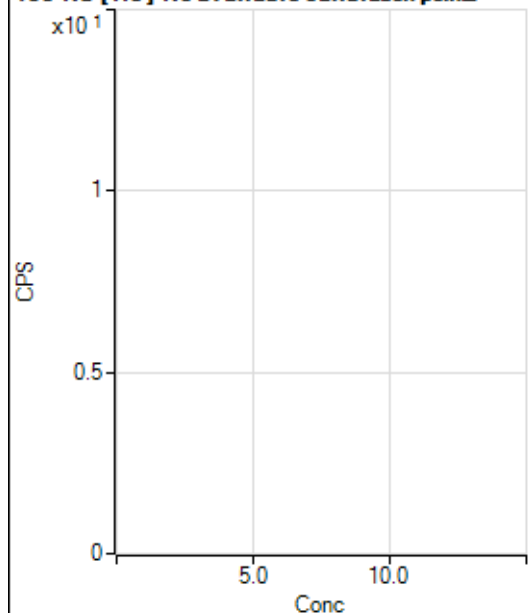
$$BEC = 0.01479$$

Weight: <None>

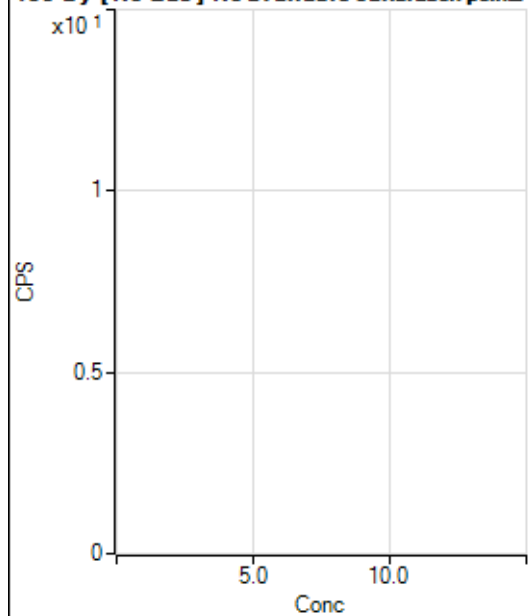
Min Conc: 0

150 Nd [No Gas] No available calibration points

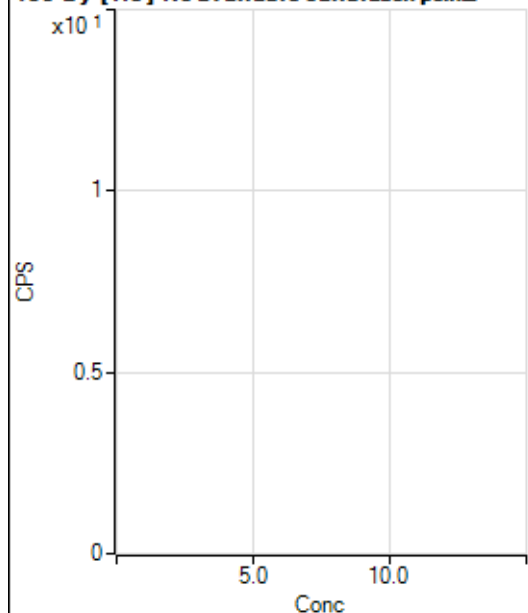
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			2.22		P	173.2
3	☐			20.00		P	33.4
4	☐			62.23		P	22.3
5	☐			128.89		P	10.8
6	☐			206.67		P	19.4
7	☐			435.57		P	2.3
8	☐			120.00		P	14.7

150 Nd [He] No available calibration points

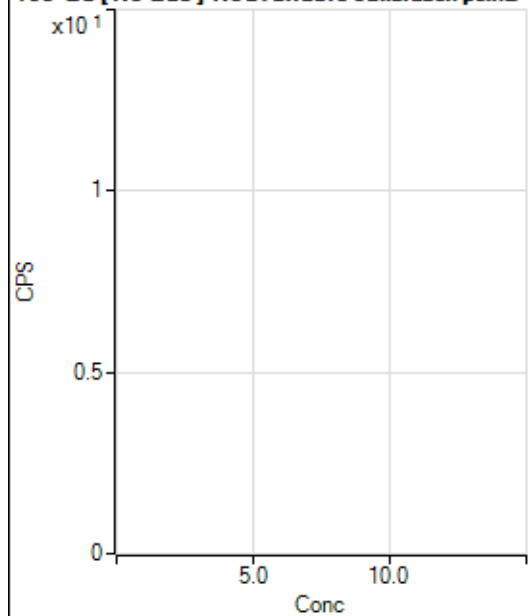
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			3.33		P	0.0
3	☐			2.22		P	86.6
4	☐			5.55		P	69.3
5	☐			10.00		P	57.7
6	☐			18.89		P	44.4
7	☐			31.11		P	22.3
8	☐			40.00		P	16.7

156 Dy [No Gas] No available calibration points

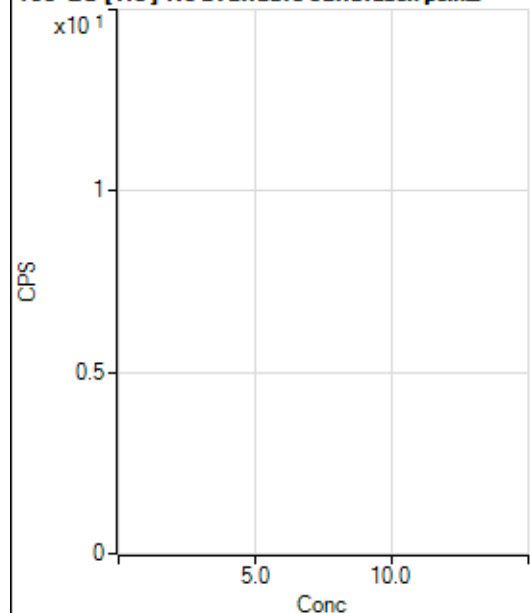
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			8.33		P	100.0
3	☐			16.67		P	50.0
4	☐			19.44		P	49.5
5	☐			75.00		P	29.4
6	☐			97.22		P	30.1
7	☐			250.01		P	6.7
8	☐			769.49		P	9.8

156 Dy [He] No available calibration points

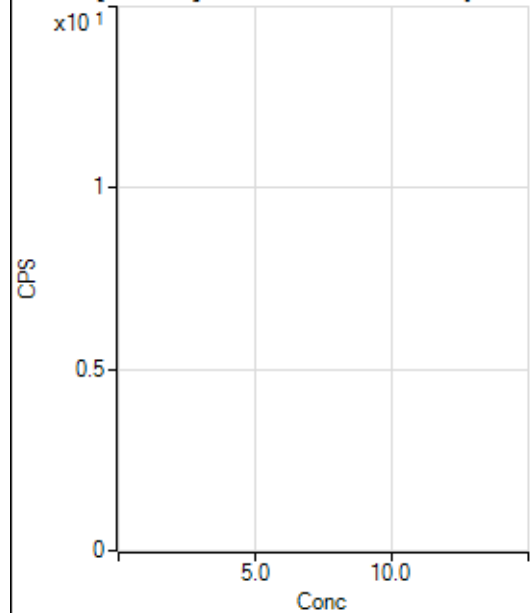
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			3.33		P	0.0
3	☐			8.89		P	57.3
4	☐			13.33		P	43.3
5	☐			23.33		P	28.6
6	☐			62.22		P	8.2
7	☐			107.78		P	20.6
8	☐			250.01		P	20.8

160 Gd [No Gas] Noavailable calibration poin_

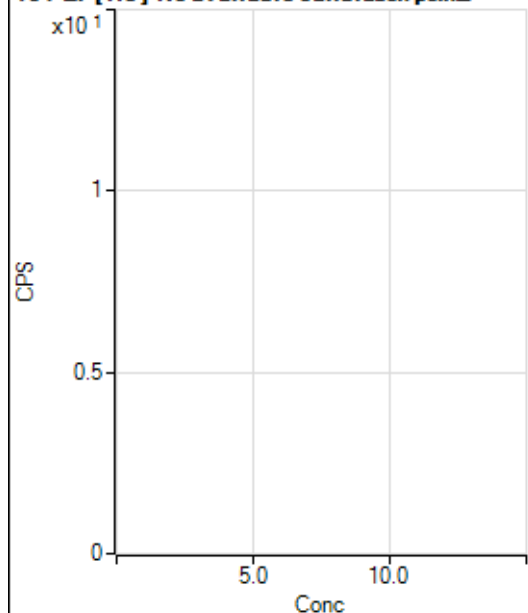
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	24.7
2	☐			38.89		P	12.4
3	☐			63.89		P	58.8
4	☐			63.89		P	19.9
5	☐			91.67		P	41.7
6	☐			111.11		P	15.6
7	☐			177.78		P	15.1
8	☐			522.25		P	23.7

160 Gd [He] No available calibration points

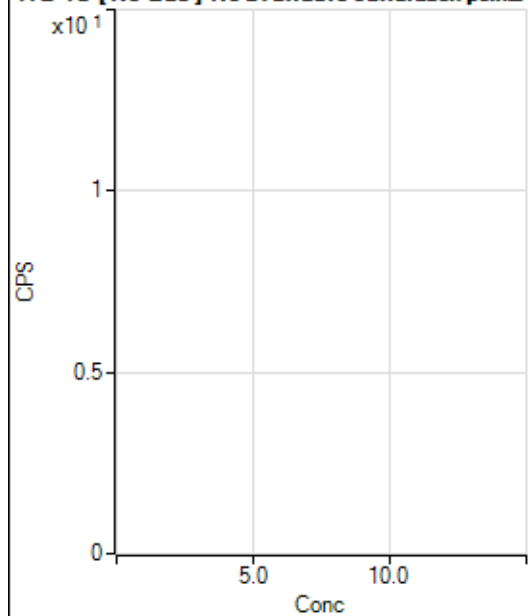
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	18.3
2	☐			56.67		P	15.6
3	☐			57.78		P	17.6
4	☐			70.00		P	12.6
5	☐			76.67		P	19.0
6	☐			82.22		P	2.3
7	☐			98.89		P	1.9
8	☐			310.01		P	5.4

164 Er [No Gas] No available calibration points

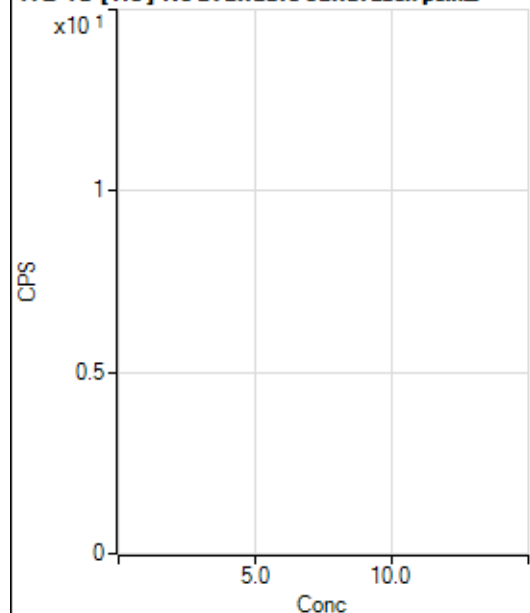
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	57.3
2	☐			63.89		P	32.8
3	☐			38.89		P	49.5
4	☐			77.78		P	6.2
5	☐			63.89		P	19.9
6	☐			83.34		P	26.5
7	☐			83.34		P	60.0
8	☐			144.45		P	8.8

164 Er [He] No available calibration points

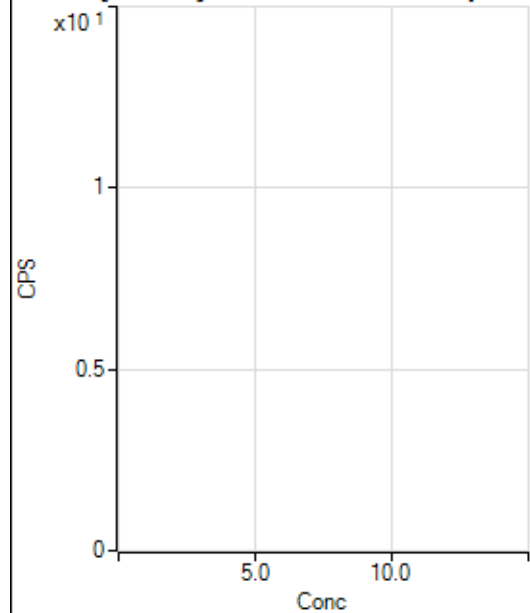
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	52.9
2	☐			24.44		P	20.8
3	☐			34.44		P	14.8
4	☐			23.33		P	42.9
5	☐			23.33		P	28.6
6	☐			31.11		P	27.0
7	☐			51.11		P	21.0
8	☐			60.00		P	29.4

172 Yb [No Gas] No available calibration points

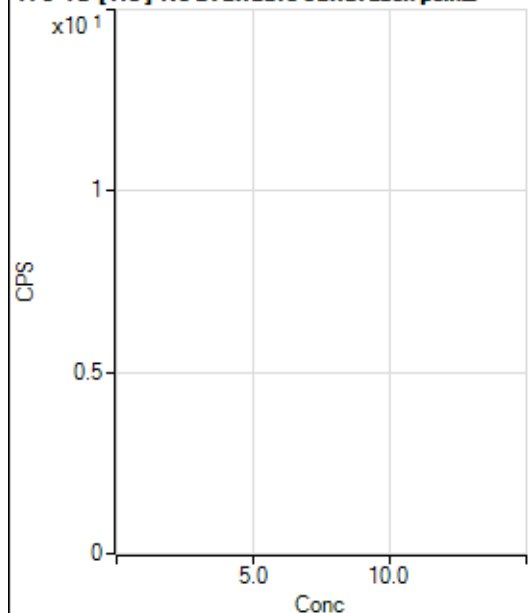
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	32.8
2	☐			63.89		P	61.6
3	☐			52.78		P	18.2
4	☐			61.11		P	43.8
5	☐			72.22		P	35.2
6	☐			88.89		P	14.3
7	☐			83.34		P	52.9
8	☐			186.12		P	30.5

172 Yb [He] No available calibration points

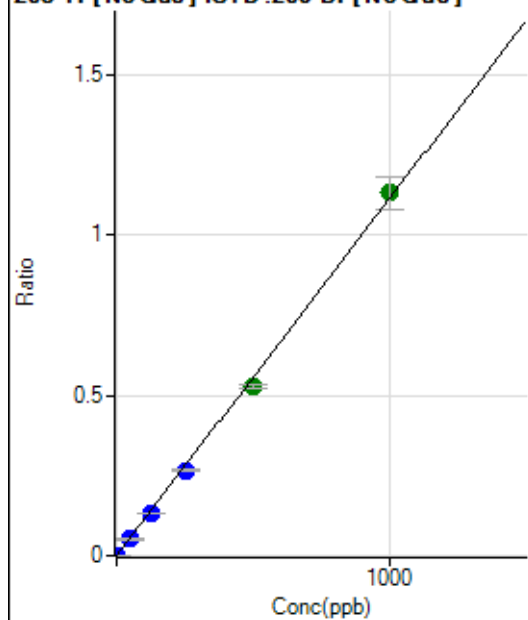
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	80.0
2	☐			24.07		P	35.2
3	☐			24.08		P	74.2
4	☐			25.93		P	12.4
5	☐			18.52		P	75.5
6	☐			40.74		P	15.8
7	☐			48.15		P	24.0
8	☐			85.19		P	33.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1063.97		P	9.5
2	☐			1100.08		P	20.0
3	☐			2141.90		P	13.3
4	☐			3842.34		P	8.3
5	☐			6496.26		P	4.6
6	☐			12286.58		P	2.6
7	☐			24473.30		P	4.0
8	☐			1172.31		P	5.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4121.08		P	7.3
2	☐			4219.25		P	0.9
3	☐			4484.19		P	6.3
4	☐			5351.19		P	3.6
5	☐			6401.67		P	3.2
6	☐			8528.82		P	3.1
7	☐			13701.80		P	1.3
8	☐			4384.13		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	538.92	0.0001	P	20.3
2	☐	1.000	0.925	5645.87	0.0011	P	3.1
3	☐	50.000	45.951	264112.06	0.0512	P	3.1
4	☐	125.000	118.987	674067.00	0.1325	P	2.4
5	☐	250.000	238.195	1339278.14	0.2651	P	1.6
6	☐	500.000	475.130	2730375.97	0.5287	A	2.1
7	☐	1000.000	1016.340	5637548.35	1.1308	A	9.0
8	☐			2814.27	0.0006	P	7.6

$$y = 0.0011 * x + 1.0613E-004$$

$$R = 0.9995$$

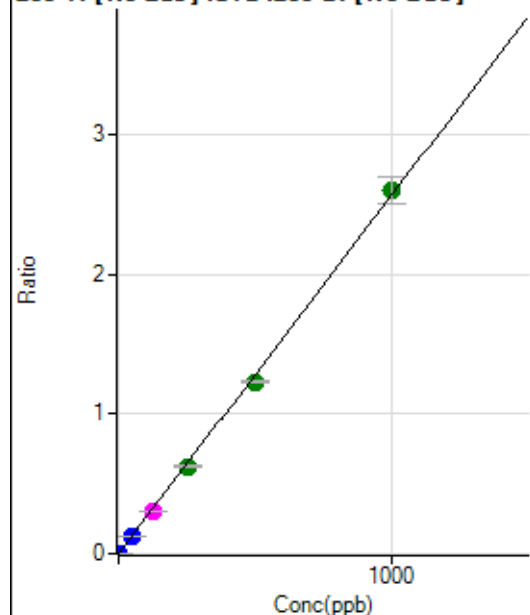
$$DL = 0.05823$$

$$BEC = 0.0954$$

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	1286.21	0.0003	P	15.8
2	☐	1.000	0.960	13504.59	0.0027	P	2.2
3	☐	50.000	47.016	623148.00	0.1209	P	2.7
4	☐	125.000	119.664	1563253.31	0.3072	M	1.6
5	☐	250.000	243.243	3153624.11	0.6242	A	0.9
6	☐	500.000	479.628	6355222.67	1.2305	A	1.1
7	☐	1000.000	1012.691	12960925.46	2.5979	A	7.6
8	☐			6051.61	0.0013	P	2.4

$$y = 0.0026 * x + 2.5327E-004$$

$$R = 0.9997$$

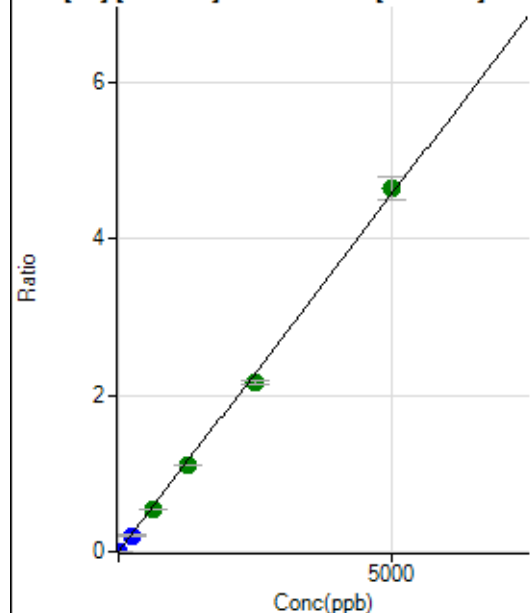
$$DL = 0.0468$$

$$BEC = 0.09874$$

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	672.25	0.0001	P	7.9
2	☐	1.000	0.932	4888.05	0.0010	P	1.5
3	☐	250.000	226.203	1064976.47	0.2066	P	3.3
4	☐	625.000	600.362	2788911.61	0.5480	A	0.9
5	☐	1250.000	1206.033	5561194.86	1.1007	A	1.2
6	☐	2500.000	2373.068	11186369.23	2.1658	A	2.0
7	☐	5000.000	5078.727	23136133.62	4.6349	A	6.5
8	☐			6701.87	0.0014	P	3.4

$$y = 9.1259E-004 * x + 1.3221E-004$$

$$R = 0.9995$$

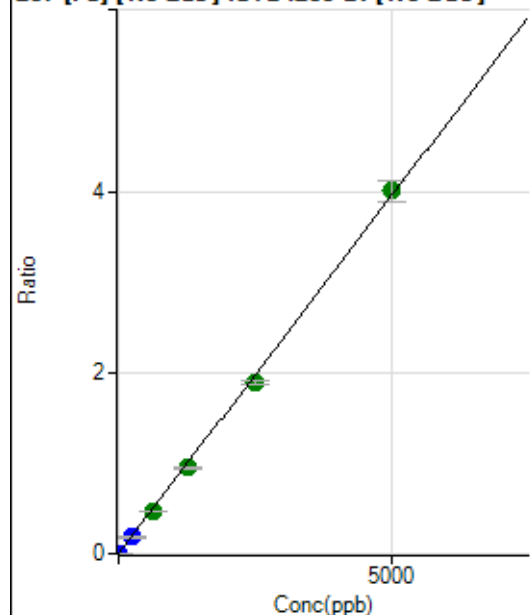
$$DL = 0.03445$$

$$BEC = 0.1449$$

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	533.36	0.0001	P	4.1
2	☐	1.000	0.969	4326.72	0.0009	P	5.1
3	☐	250.000	230.268	938198.14	0.1820	P	4.1
4	☐	625.000	600.580	2415035.21	0.4745	A	0.7
5	☐	1250.000	1198.898	4784975.46	0.9472	A	2.1
6	☐	2500.000	2394.298	9769438.18	1.8915	A	2.7
7	☐	5000.000	5069.665	19994974.98	4.0050	A	6.2
8	☐			5658.75	0.0012	P	1.6

$$y = 7.8997E-004 * x + 1.0492E-004$$

$$R = 0.9996$$

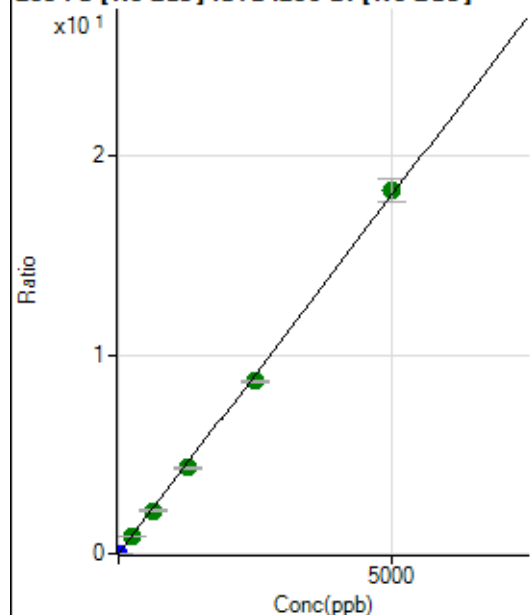
$$DL = 0.01633$$

$$BEC = 0.1328$$

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	2542.74	0.0005	P	5.7
2	☐	1.000	0.950	19533.88	0.0039	P	1.0
3	☐	250.000	235.311	4380204.66	0.8495	A	2.7
4	☐	625.000	603.188	11077683.75	2.1768	A	1.1
5	☐	1250.000	1199.454	21866515.25	4.3281	A	1.1
6	☐	2500.000	2406.052	44840540.59	8.6816	A	1.8
7	☐	5000.000	5063.071	91195577.27	18.2681	A	6.3
8	☐			26038.49	0.0056	P	3.1

$$y = 0.0036 * x + 5.0024E-004$$

$$R = 0.9997$$

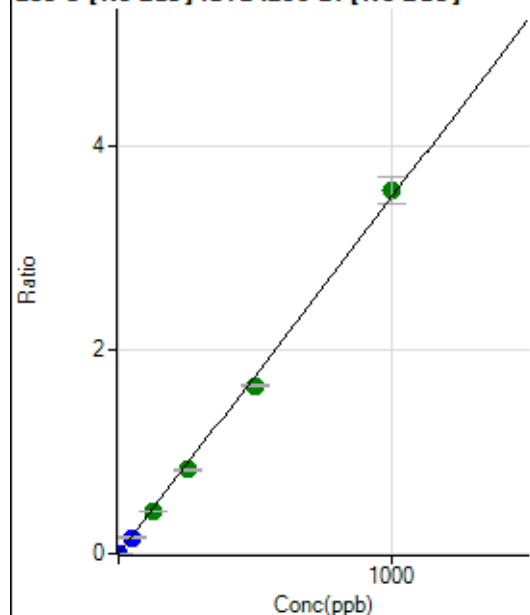
$$DL = 0.0235$$

$$BEC = 0.1386$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	76.7
2	☐	1.000	0.912	15852.05	0.0032	P	2.4
3	☐	50.000	45.407	817096.90	0.1585	P	3.7
4	☐	125.000	119.058	2115002.13	0.4156	A	1.7
5	☐	250.000	234.955	4142789.42	0.8202	A	3.0
6	☐	500.000	472.172	8512533.35	1.6482	A	1.0
7	☐	1000.000	1018.648	17746629.74	3.5558	A	7.3
8	☐			2369.73	0.0005	P	5.9

$$y = 0.0035 * x + 4.3412E-006$$

$$R = 0.9993$$

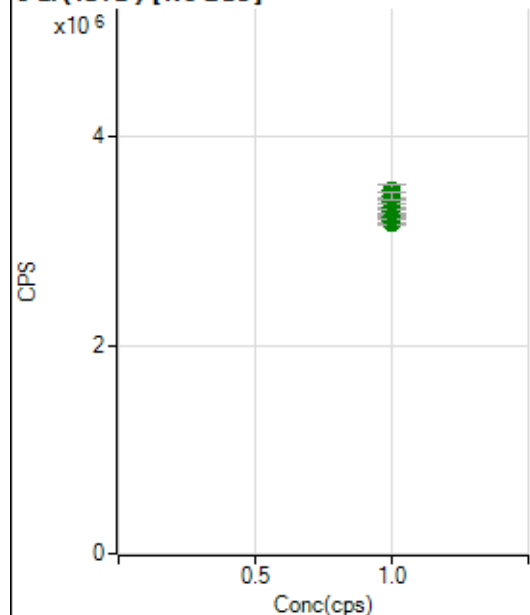
$$DL = 0.002861$$

$$BEC = 0.001244$$

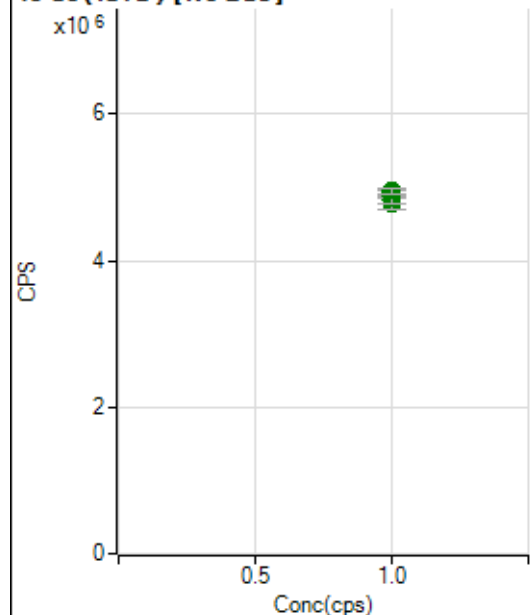
Weight: <None>

Min Conc: 0

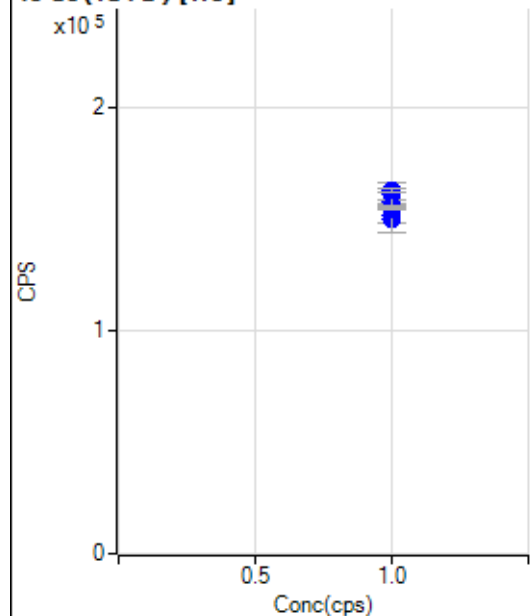
6 Li (ISTD) [No Gas]



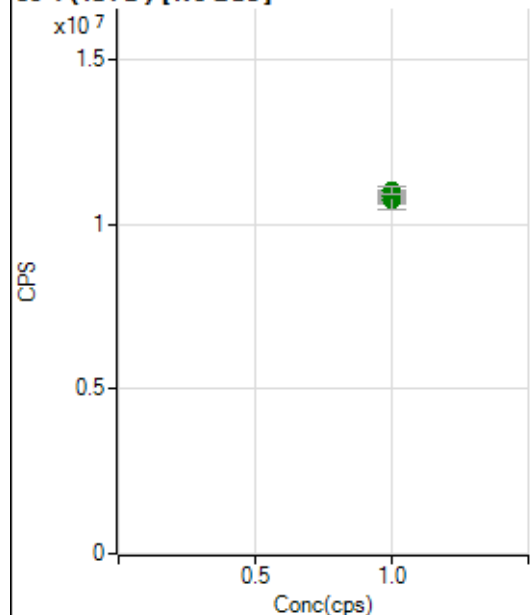
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3170379.15		A	0.8
2	☐	1.000		3195815.92		A	2.5
3	☐	1.000		3232666.86		A	1.6
4	☐	1.000		3294213.78		A	2.1
5	☐	1.000		3331941.17		A	1.5
6	☐	1.000		3387346.30		A	1.4
7	☐	1.000		3483911.36		A	4.0
8	☐	1.000		3435173.24		A	2.1

45 Sc (ISTD) [No Gas]

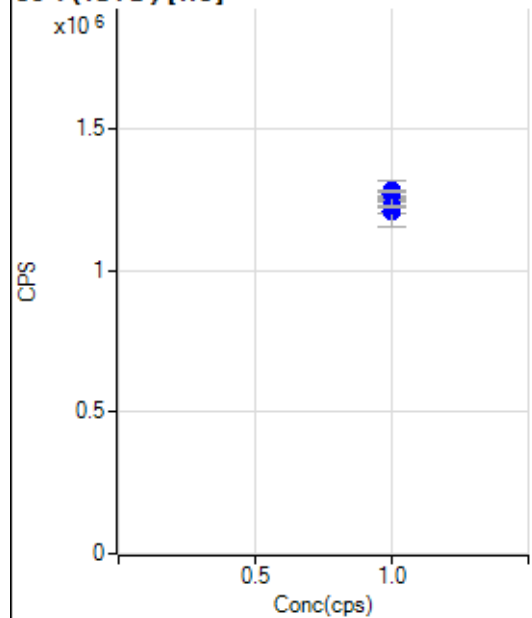
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4817629.75		A	1.4
2	☐	1.000		4817105.73		A	1.8
3	☐	1.000		4933514.30		A	2.6
4	☐	1.000		4924649.06		A	2.7
5	☐	1.000		4788170.83		A	3.5
6	☐	1.000		4866507.91		A	0.9
7	☐	1.000		4877497.11		A	3.8
8	☐	1.000		4950271.73		A	1.5

45 Sc (ISTD) [He]

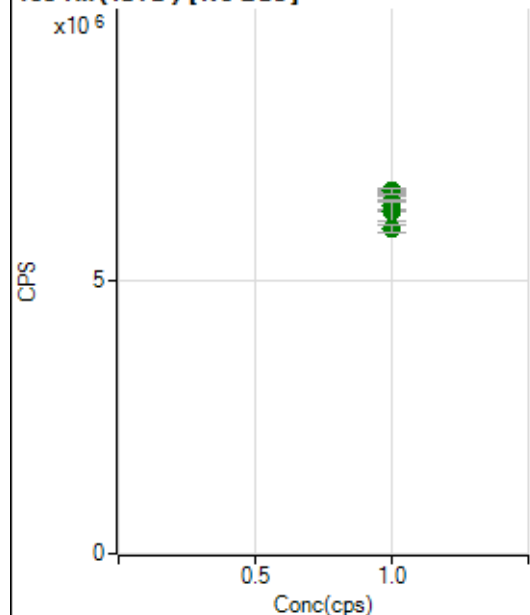
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		151702.95		P	4.5
2	☐	1.000		157562.56		P	1.9
3	☐	1.000		150420.85		P	8.4
4	☐	1.000		157793.66		P	0.8
5	☐	1.000		155364.19		P	0.9
6	☐	1.000		154787.90		P	0.5
7	☐	1.000		161298.62		P	6.9
8	☐	1.000		162729.39		P	1.1

89 Y (ISTD) [No Gas]

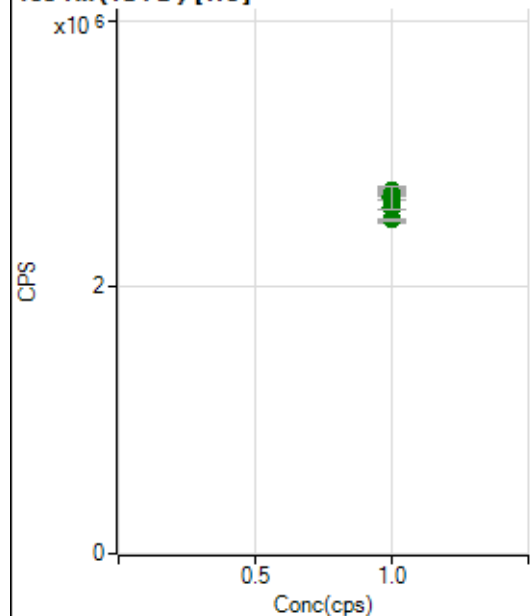
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10723037.76		A	0.2
2	☐	1.000		10723629.91		A	1.7
3	☐	1.000		10822120.12		A	1.7
4	☐	1.000		10889240.53		A	0.2
5	☐	1.000		10876208.86		A	1.6
6	☐	1.000		10760038.04		A	0.9
7	☐	1.000		10754923.04		A	5.5
8	☐	1.000		11015367.06		A	2.2

89 Y (ISTD) [He]

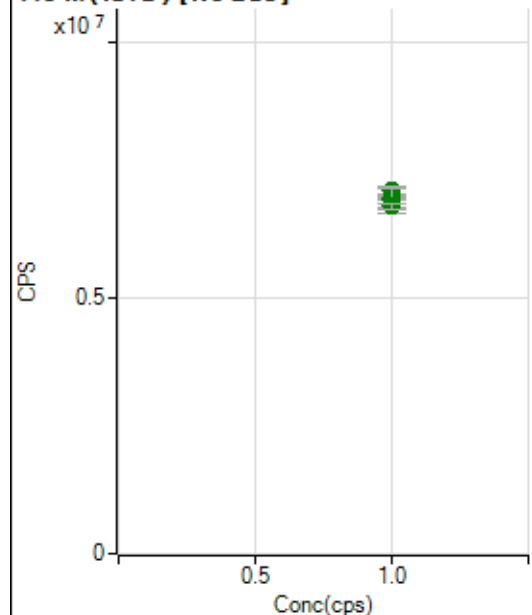
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1222826.70		P	3.9
2	☐	1.000		1261539.09		P	3.2
3	☐	1.000		1206246.68		P	8.7
4	☐	1.000		1258496.94		P	0.9
5	☐	1.000		1250737.74		P	0.3
6	☐	1.000		1228134.81		P	0.3
7	☐	1.000		1268820.25		P	7.9
8	☐	1.000		1280306.43		P	0.5

103 Rh (ISTD) [No Gas]

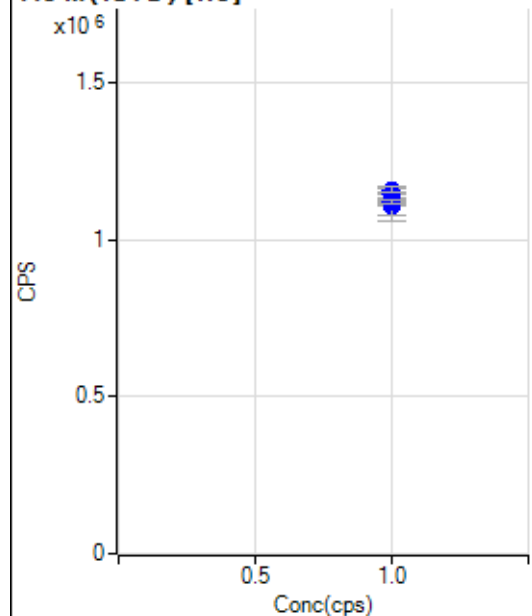
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6648922.68		A	1.2
2	☐	1.000		6595361.87		A	1.1
3	☐	1.000		6601147.02		A	1.4
4	☐	1.000		6659591.51		A	1.9
5	☐	1.000		6406415.42		A	2.5
6	☐	1.000		6300480.43		A	0.7
7	☐	1.000		6278606.52		A	6.0
8	☐	1.000		5955330.21		A	2.2

103 Rh (ISTD) [He]

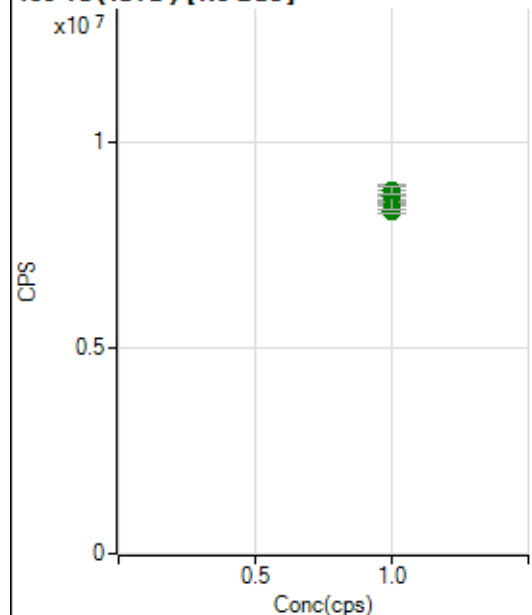
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2708693.21		A	3.9
2	☐	1.000		2723955.72		A	1.3
3	☐	1.000		2601132.64		A	8.6
4	☐	1.000		2707001.28		A	1.5
5	☐	1.000		2701435.41		A	1.3
6	☐	1.000		2678846.42		A	1.6
7	☐	1.000		2673845.19		A	6.4
8	☐	1.000		2507912.74		A	0.3

115 In (ISTD) [No Gas]

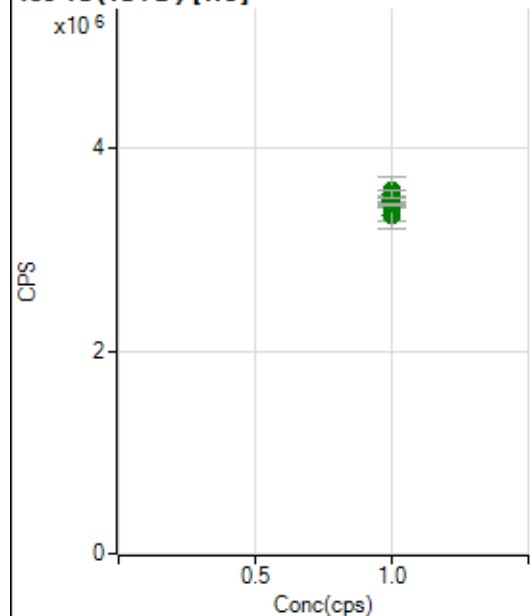
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6999127.07		A	0.9
2	☐	1.000		6934674.24		A	0.7
3	☐	1.000		7089827.68		A	1.6
4	☐	1.000		6905278.15		A	2.1
5	☐	1.000		6799697.56		A	1.5
6	☐	1.000		6960377.82		A	1.1
7	☐	1.000		6914832.34		A	7.1
8	☐	1.000		6786954.96		A	1.2

115 In (ISTD) [He]

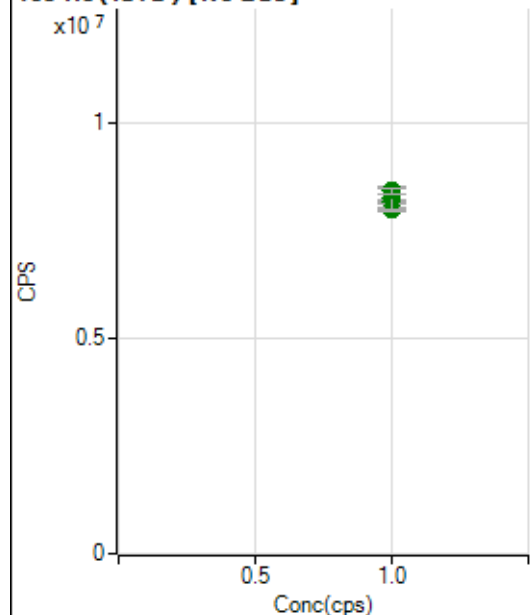
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1128584.66		P	3.5
2	☐	1.000		1155659.68		P	2.3
3	☐	1.000		1110304.91		P	9.5
4	☐	1.000		1146740.97		P	0.5
5	☐	1.000		1142410.08		P	1.4
6	☐	1.000		1114499.72		P	0.9
7	☐	1.000		1123144.71		P	8.2
8	☐	1.000		1121239.04		P	0.7

159 Tb (ISTD) [No Gas]

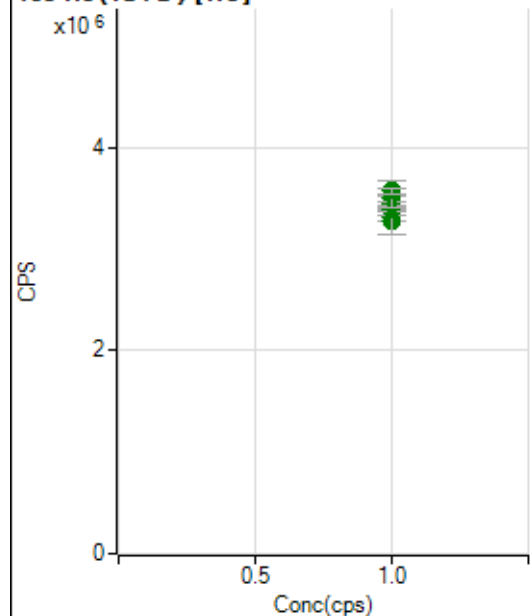
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8441104.53		A	2.0
2	☐	1.000		8323775.36		A	1.5
3	☐	1.000		8541340.78		A	1.3
4	☐	1.000		8526786.47		A	0.7
5	☐	1.000		8560669.94		A	0.2
6	☐	1.000		8762079.31		A	1.2
7	☐	1.000		8685463.69		A	6.7
8	☐	1.000		8822672.02		A	2.0

159 Tb (ISTD) [He]

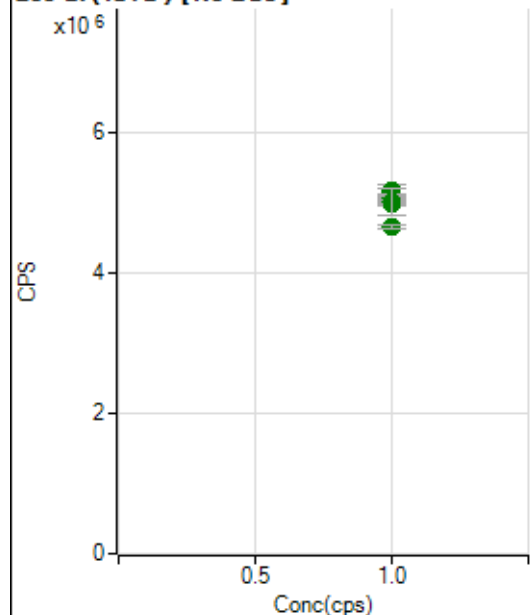
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3344256.03		A	4.1
2	☐	1.000		3439933.21		A	1.0
3	☐	1.000		3333410.26		A	8.2
4	☐	1.000		3448406.62		A	1.2
5	☐	1.000		3475213.73		A	2.1
6	☐	1.000		3492720.19		A	2.3
7	☐	1.000		3579200.12		A	7.7
8	☐	1.000		3550586.44		A	1.9

165 Ho (ISTD) [No Gas]

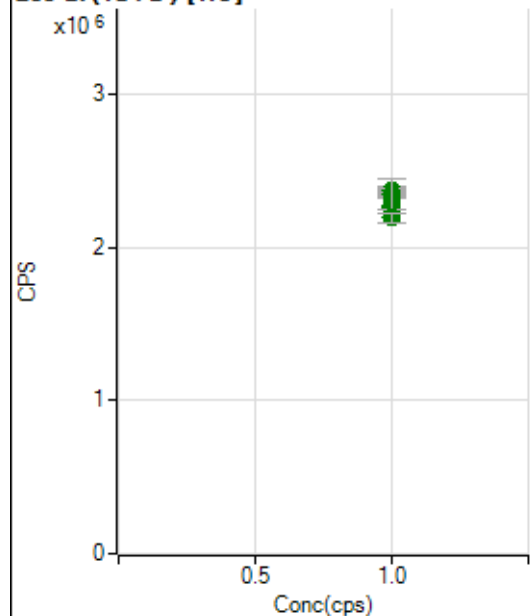
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8036348.44		A	0.6
2	☐	1.000		7981446.01		A	1.1
3	☐	1.000		8161045.84		A	1.1
4	☐	1.000		8161690.89		A	0.8
5	☐	1.000		8173538.38		A	0.9
6	☐	1.000		8352420.85		A	0.4
7	☐	1.000		8261041.24		A	6.2
8	☐	1.000		8428872.06		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3319292.63		A	3.2
2	☐	1.000		3361648.07		A	1.4
3	☐	1.000		3283617.87		A	8.7
4	☐	1.000		3398591.30		A	1.4
5	☐	1.000		3443089.40		A	1.2
6	☐	1.000		3498651.96		A	1.4
7	☐	1.000		3543531.86		A	7.2
8	☐	1.000		3572230.50		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5085181.87		A	1.4
2	☐	1.000		4972611.45		A	0.9
3	☐	1.000		5159594.78		A	3.6
4	☐	1.000		5089494.79		A	1.6
5	☐	1.000		5052711.80		A	1.6
6	☐	1.000		5165171.49		A	1.5
7	☐	1.000		5007270.55		A	7.2
8	☐	1.000		4658321.11		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2273943.70		A	4.5
2	☐	1.000		2360040.66		A	2.7
3	☐	1.000		2262705.02		A	9.2
4	☐	1.000		2351046.67		A	1.2
5	☐	1.000		2368255.52		A	1.0
6	☐	1.000		2340685.24		A	1.0
7	☐	1.000		2349488.28		A	8.7
8	☐	1.000		2195219.60		A	3.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8051822 MS.b
Acq. Date-Time 2022-05-18 14:31:43
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		10835	108352.71			0.564	5.000
24		64706	647062.31			0.229	5.000
25		8708	87084.98			0.257	5.000
26		10039	100394.15			0.263	5.000
59		16113	161125.42			0.408	5.000
113		8602	86015.91			1.140	5.000
115		28047	280466.75			2.413	5.000
206		10702	107024.88			0.974	5.000
207		9017	90166.36			0.977	5.000
208		22194	221936.41			1.292	5.000
220		0	4.40			46.438	

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

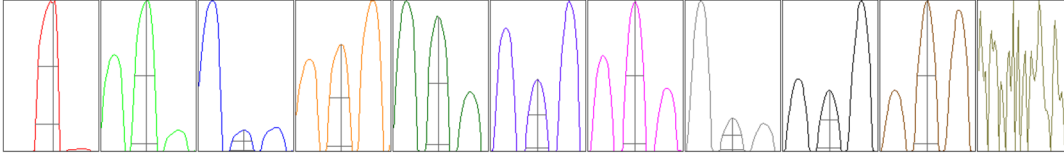
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10760	10872	10796	10915	10834
24	64577	64734	64907	64544	64768
25	8686	8722	8683	8732	8719
26	10029	10048	10031	10009	10080
59	16001	16121	16176	16133	16131
113	8630	8745	8571	8586	8475
115	28842	28668	27787	27665	27272
206	10625	10827	10652	10606	10803
207	8966	9162	8982	8940	9033
208	21923	22626	21942	22221	22256

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	0	0	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17216.76	9.10	8.90 - 9.10	
24	107281.53	23.95	23.90 - 24.10	
25	14490.81	24.95	24.90 - 25.10	
26	16848.90	25.95	25.90 - 26.10	
59	27923.98	58.95	58.90 - 59.10	
113	16223.09	113.00	112.90 - 113.10	
115	53297.42	115.00	114.90 - 115.10	
206	19931.14	206.00	205.90 - 206.10	
207	16686.25	207.00	206.90 - 207.10	
208	41292.86	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.752	0.900	
24	0.64	0.825	0.900	
25	0.63	0.774	0.900	
26	0.63	0.788	0.900	
59	0.61	0.741	0.900	
113	0.56	0.732	0.900	
115	0.55	0.732	0.900	
206	0.57	0.742	0.900	
207	0.57	0.776	0.900	
208	0.58	0.776	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 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	9.5 V	Deflect	15.8 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 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	190 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	-0.1 mm

EM

Discriminator	4.3 mV	Analog HV	2329 V	Pulse HV	1709 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3298	32978.30			1.312	
89		14317	143172.89			1.015	
205		22495	224954.58			0.996	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3297	3289	3342	3231	3330
89	14372	14373	14333	14067	14441
205	22757	22637	22452	22164	22468

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	9.5 V	Deflect	3.6 V

US EPA Tune Check Report

Extract 2	-160.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-80 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	124	Axis Gain	0.9995	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	-0.1 mm		
EM					
Discriminator	4.3 mV	Analog HV	2329 V	Pulse HV	1709 V

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 14:34:40	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				100		%
Bismuth	209-2				105		%
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				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 14:34:40	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				103		%
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				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				103		%
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				100		%
Terbium	159-2				103		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 14:34:40	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				100		%
Yttrium	89-2				102		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:08:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.22	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Barium	135-1	0.01	-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	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.11	0.16	-0.05	0.00	N/A	ppb
Boron	11-1	-0.15	0.10	0.05	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.07	-0.04	0.00	N/A	ppb
Cadmium	106-1	-0.41	0.92	-0.50	0.00	N/A	ppb
Cadmium	108-1	-0.07	0.09	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.47	0.38	0.10	0.00	N/A	ppb
Calcium	44-1	-0.63	0.35	0.27	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.00	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	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	0.94	-0.83	-0.11	0.00	N/A	ppb
Iron	56-2	0.18	-0.18	0.00	0.00	N/A	ppb
Iron	57-2	0.35	-1.65	1.30	0.00	N/A	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:08:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.12	0.46	-0.34	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-16.54	-9.50	-20.14	-15.39		ppb
Potassium	39-2	7.48	-1.59	-5.89	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.27	0.53	-0.80	0.00	N/A	ppb
Selenium	77-2	-0.28	0.57	-0.28	0.00	N/A	ppb
Selenium	78-2	0.25	0.19	-0.44	0.00	N/A	ppb
Silicon	28-1	-1.31	1.23	0.08	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.40	0.85	-2.25	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-153.56	133.16	-27.63	-16.01		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.02	-0.02	0.00	N/A	ppb
Thallium	205-1	0.02	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:08:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.01	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	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	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:11:23	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.73	20.71	18.26	19.57	6.28	ppb
Antimony	121-1	2.04	1.99	2.05	2.03	1.70	ppb
Arsenic	75-2	1.00	1.26	1.08	1.11	11.85	ppb
Barium	135-1	9.83	9.79	10.15	9.92	1.98	ppb
Barium	137-1	10.07	9.92	10.12	10.04	1.04	ppb
Beryllium	9-1	1.12	1.07	1.16	1.12	3.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	20.62	21.77	24.71	22.37	9.42	ppb
Boron	11-1	21.70	23.16	26.14	23.67	9.56	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.11	1.03	1.08	3.74	ppb
Cadmium	106-1	0.37	0.90	-0.12	0.38	133.35	ppb
Cadmium	108-1	1.11	0.91	0.84	0.95	14.33	ppb
Calcium	43-1	497.05	489.50	505.16	497.23	1.58	ppb
Calcium	44-1	487.23	489.54	504.39	493.72	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.95	1.87	1.92	2.18	ppb
Cobalt	59-2	1.14	1.05	0.97	1.05	8.18	ppb
Copper	63-2	2.09	2.03	1.89	2.00	5.22	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				101		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	57.12	51.27	52.99	53.79	5.59	ppb
Iron	56-2	50.58	51.13	49.45	50.39	1.70	ppb
Iron	57-2	55.62	52.65	48.37	52.21	6.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:11:23	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.92	0.93	0.93	1.69	ppb
Lead	207-1	1.00	1.00	0.90	0.97	5.77	ppb
Lead	208-1	0.95	0.96	0.94	0.95	1.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	502.43	509.02	475.84	495.77	3.54	ppb
Manganese	55-2	0.91	1.02	0.90	0.94	7.19	ppb
Molybdenum	94-1	5.97	6.03	5.99	6.00	0.46	ppb
Molybdenum	95-1	4.90	5.06	5.14	5.03	2.42	ppb
Molybdenum	96-1	4.98	5.02	5.21	5.07	2.35	ppb
Molybdenum	97-1	5.06	5.13	4.98	5.06	1.49	ppb
Molybdenum	98-1	4.81	5.23	5.02	5.02	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.01	1.16	1.09	7.05	ppb
Phosphorus	31-2	3.74	22.70	19.74	15.39	66.25	ppb
Potassium	39-2	470.80	469.15	479.97	473.30	1.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	3.79	5.18	4.68	4.55	15.52	ppb
Selenium	77-2	7.00	6.60	1.35	4.98	63.27	ppb
Selenium	78-2	5.23	6.14	5.41	5.60	8.65	ppb
Silicon	28-1	9.38	9.10	11.30	9.93	12.06	ppb
Silver	107-1	1.03	1.06	1.06	1.05	1.79	ppb
Silver	109-1	1.00	1.05	1.10	1.05	4.73	ppb
Sodium	23-2	484.52	489.23	456.61	476.79	3.70	ppb
Strontium	86-1	0.95	0.85	1.10	0.97	13.42	ppb
Strontium	88-1	0.99	1.01	0.98	0.99	1.52	ppb
Sulfur	34-1	-96.59	-66.77	211.38	16.01	1060.99	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.90	0.91	0.93	3.44	ppb
Thallium	205-1	0.97	0.93	0.98	0.96	2.40	ppb
Tin	118-1	5.00	4.84	4.94	4.93	1.63	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:11:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.30	5.28	5.07	5.22	2.40	ppb
Uranium	238-1	0.91	0.93	0.89	0.91	2.39	ppb
Vanadium	51-2	4.90	4.86	4.76	4.84	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	2.24	2.22	1.67	2.04	15.74	ppb
Zirconium	90-1	0.92	0.94	0.96	0.94	2.26	ppb
Zirconium	91-1	0.90	0.91	0.97	0.93	4.02	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:14:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1168.13	994.36	1000.52	1054.34	9.35	ppb
Antimony	121-1	50.09	49.92	49.12	49.71	1.04	ppb
Arsenic	75-2	59.62	51.78	50.39	53.93	9.23	ppb
Barium	135-1	248.16	251.13	251.43	250.24	0.72	ppb
Barium	137-1	249.33	257.57	250.85	252.58	1.74	ppb
Beryllium	9-1	53.18	52.55	54.99	53.57	2.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	45.26	49.42	52.63	49.10	7.52	ppb
Boron	11-1	48.99	51.86	55.82	52.23	6.56	ppb
Bromine	81-1						cps
Cadmium	111-1	51.14	52.33	51.57	51.68	1.16	ppb
Cadmium	106-1	53.41	52.72	51.80	52.64	1.53	ppb
Cadmium	108-1	50.59	53.79	51.18	51.85	3.28	ppb
Calcium	43-1	5592.09	5938.54	5917.39	5816.01	3.34	ppb
Calcium	44-1	5349.84	5532.67	5447.24	5443.25	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.64	50.01	49.48	52.71	9.76	ppb
Cobalt	59-2	61.46	50.08	50.75	54.10	11.80	ppb
Copper	63-2	621.50	526.85	524.69	557.68	9.91	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				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	3141.32	2620.94	2672.23	2811.50	10.20	ppb
Iron	56-2	3122.08	2548.21	2689.31	2786.53	10.73	ppb
Iron	57-2	3054.66	2561.43	2616.91	2744.33	9.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:14:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	217.53	229.69	231.39	226.20	3.34	ppb
Lead	207-1	220.75	239.62	230.43	230.27	4.10	ppb
Lead	208-1	227.91	239.82	238.21	235.31	2.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	5909.01	5083.44	4971.10	5321.18	9.63	ppb
Manganese	55-2	593.64	484.78	491.04	523.15	11.68	ppb
Molybdenum	94-1	500.76	507.46	490.89	499.70	1.67	ppb
Molybdenum	95-1	480.62	494.40	471.09	482.04	2.43	ppb
Molybdenum	96-1	500.39	489.19	469.18	486.25	3.25	ppb
Molybdenum	97-1	506.92	509.90	499.92	505.58	1.01	ppb
Molybdenum	98-1	500.55	505.85	483.30	496.57	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.78	54.34	53.58	57.90	11.81	ppb
Phosphorus	31-2	1251.92	1000.81	958.26	1070.33	14.83	ppb
Potassium	39-2	3038.46	2466.08	2493.57	2666.04	12.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	52.54	54.29	49.42	52.09	4.74	ppb
Selenium	77-2	79.63	45.75	65.13	63.50	26.77	ppb
Selenium	78-2	59.64	49.44	51.50	53.53	10.08	ppb
Silicon	28-1	63.10	71.67	74.99	69.92	8.78	ppb
Silver	107-1	52.23	52.65	51.29	52.06	1.34	ppb
Silver	109-1	52.32	53.48	53.20	53.00	1.14	ppb
Sodium	23-2	5796.78	5036.87	4951.81	5261.82	8.84	ppb
Strontium	86-1	1232.70	1271.19	1223.33	1242.41	2.04	ppb
Strontium	88-1	1204.91	1239.53	1201.69	1215.38	1.73	ppb
Sulfur	34-1	731.38	954.92	1146.76	944.35	22.01	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	44.33	46.89	46.64	45.95	3.07	ppb
Thallium	205-1	45.61	48.13	47.31	47.02	2.73	ppb
Tin	118-1	51.28	52.80	51.32	51.80	1.67	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:14:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	500.92	520.01	509.03	509.99	1.88	ppb
Uranium	238-1	43.48	46.64	46.10	45.41	3.73	ppb
Vanadium	51-2	59.97	49.21	50.62	53.27	10.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	625.43	527.52	523.93	558.96	10.30	ppb
Zirconium	90-1	49.01	50.02	48.34	49.13	1.72	ppb
Zirconium	91-1	48.34	49.19	47.87	48.47	1.38	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:17:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2475.21	2454.78	2423.50	2451.16	1.06	ppb
Antimony	121-1	127.44	125.64	127.11	126.73	0.75	ppb
Arsenic	75-2	125.94	126.02	125.86	125.94	0.06	ppb
Barium	135-1	620.37	627.62	630.64	626.21	0.84	ppb
Barium	137-1	624.83	634.03	636.38	631.74	0.97	ppb
Beryllium	9-1	130.66	135.87	133.06	133.20	1.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	113.36	126.62	125.87	121.95	6.10	ppb
Boron	11-1	120.49	136.49	134.63	130.53	6.70	ppb
Bromine	81-1						cps
Cadmium	111-1	129.61	131.58	130.29	130.49	0.77	ppb
Cadmium	106-1	137.72	132.36	126.24	132.11	4.35	ppb
Cadmium	108-1	133.46	127.87	130.72	130.68	2.14	ppb
Calcium	43-1	14294.64	14377.10	14704.55	14458.76	1.50	ppb
Calcium	44-1	13246.25	13628.97	13622.72	13499.31	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.77	124.07	121.52	123.45	1.39	ppb
Cobalt	59-2	129.24	128.09	125.54	127.63	1.48	ppb
Copper	63-2	1329.51	1327.35	1317.34	1324.73	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				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	6806.47	6676.86	6573.53	6685.62	1.75	ppb
Iron	56-2	6632.82	6578.70	6488.77	6566.77	1.11	ppb
Iron	57-2	6617.64	6555.80	6347.35	6506.93	2.18	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:17:32	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	605.37	600.63	595.08	600.36	0.86	ppb
Lead	207-1	604.77	600.26	596.70	600.58	0.67	ppb
Lead	208-1	610.02	602.16	597.39	603.19	1.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	13110.33	12425.40	12608.06	12714.60	2.79	ppb
Manganese	55-2	1248.49	1230.64	1226.81	1235.31	0.94	ppb
Molybdenum	94-1	1254.30	1229.44	1237.82	1240.52	1.02	ppb
Molybdenum	95-1	1212.79	1229.90	1220.65	1221.11	0.70	ppb
Molybdenum	96-1	1223.33	1221.91	1222.29	1222.51	0.06	ppb
Molybdenum	97-1	1243.85	1225.28	1196.84	1221.99	1.94	ppb
Molybdenum	98-1	1225.07	1229.17	1218.84	1224.36	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.93	127.99	127.64	129.19	1.85	ppb
Phosphorus	31-2	2532.06	2395.18	2542.56	2489.93	3.30	ppb
Potassium	39-2	6334.53	6199.46	6068.79	6200.93	2.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	130.07	126.44	127.70	128.07	1.44	ppb
Selenium	77-2	143.99	125.46	123.28	130.91	8.69	ppb
Selenium	78-2	130.29	135.75	128.07	131.37	3.01	ppb
Silicon	28-1	124.75	134.88	143.53	134.39	6.99	ppb
Silver	107-1	132.67	128.91	132.10	131.22	1.54	ppb
Silver	109-1	132.50	130.80	131.37	131.56	0.66	ppb
Sodium	23-2	12784.85	12229.11	12357.20	12457.05	2.34	ppb
Strontium	86-1	3055.46	3019.85	3022.07	3032.46	0.66	ppb
Strontium	88-1	3007.06	3028.21	2993.12	3009.46	0.59	ppb
Sulfur	34-1	2207.92	2388.75	2652.05	2416.24	9.24	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	122.29	117.62	117.05	118.99	2.42	ppb
Thallium	205-1	121.75	117.88	119.36	119.66	1.63	ppb
Tin	118-1	127.11	126.46	126.30	126.62	0.34	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:17:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1240.80	1264.09	1288.15	1264.35	1.87	ppb
Uranium	238-1	120.42	116.74	120.01	119.06	1.69	ppb
Vanadium	51-2	128.69	125.23	124.86	126.26	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1310.99	1294.77	1279.09	1294.95	1.23	ppb
Zirconium	90-1	123.76	123.92	122.73	123.47	0.52	ppb
Zirconium	91-1	122.02	120.17	121.23	121.14	0.76	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:20:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4941.64	4956.57	4892.09	4930.10	0.68	ppb
Antimony	121-1	245.95	251.97	250.86	249.59	1.28	ppb
Arsenic	75-2	249.24	247.41	249.25	248.63	0.43	ppb
Barium	135-1	1222.87	1209.77	1222.52	1218.38	0.61	ppb
Barium	137-1	1237.42	1250.28	1220.89	1236.20	1.19	ppb
Beryllium	9-1	257.49	261.80	257.12	258.80	1.01	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	236.36	252.74	252.05	247.05	3.75	ppb
Boron	11-1	243.36	264.83	263.38	257.19	4.67	ppb
Bromine	81-1						cps
Cadmium	111-1	253.25	261.09	255.92	256.75	1.55	ppb
Cadmium	106-1	251.39	260.02	257.23	256.21	1.72	ppb
Cadmium	108-1	252.97	251.86	256.33	253.72	0.92	ppb
Calcium	43-1	28635.95	30591.72	28706.43	29311.37	3.78	ppb
Calcium	44-1	26694.27	27789.38	26668.90	27050.85	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247.44	249.23	243.10	246.59	1.28	ppb
Cobalt	59-2	250.75	254.31	250.37	251.81	0.86	ppb
Copper	63-2	2528.22	2617.86	2590.24	2578.77	1.78	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				102		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	54-2	13467.79	13616.91	13048.63	13377.78	2.20	ppb
Iron	56-2	13480.16	12933.03	12733.86	13049.02	2.96	ppb
Iron	57-2	12850.48	13003.17	12893.20	12915.62	0.61	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:20:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1209.68	1218.24	1190.17	1206.03	1.19	ppb
Lead	207-1	1176.09	1226.72	1193.88	1198.90	2.14	ppb
Lead	208-1	1197.48	1213.09	1187.79	1199.45	1.06	ppb
Lithium	6-1				105		%
Magnesium	24-2	26222.94	25259.46	24991.03	25491.14	2.54	ppb
Manganese	55-2	2573.31	2526.23	2483.18	2527.57	1.78	ppb
Molybdenum	94-1	2399.14	2445.91	2437.95	2427.67	1.03	ppb
Molybdenum	95-1	2381.13	2500.93	2378.88	2420.32	2.88	ppb
Molybdenum	96-1	2389.75	2473.37	2408.51	2423.88	1.81	ppb
Molybdenum	97-1	2334.57	2423.33	2411.50	2389.80	2.02	ppb
Molybdenum	98-1	2347.64	2494.47	2379.05	2407.05	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.03	256.47	251.47	254.66	1.09	ppb
Phosphorus	31-2	4974.46	4952.65	4928.33	4951.81	0.47	ppb
Potassium	39-2	12426.18	12635.79	12495.35	12519.11	0.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	247.62	255.15	246.35	249.70	1.90	ppb
Selenium	77-2	249.57	253.45	243.10	248.70	2.10	ppb
Selenium	78-2	247.07	253.08	257.43	252.53	2.06	ppb
Silicon	28-1	269.94	299.03	284.33	284.43	5.11	ppb
Silver	107-1	256.74	257.10	266.79	260.21	2.19	ppb
Silver	109-1	253.97	257.93	255.10	255.67	0.80	ppb
Sodium	23-2	24743.46	24829.10	25146.44	24906.33	0.85	ppb
Strontium	86-1	6032.71	6161.13	6075.60	6089.81	1.07	ppb
Strontium	88-1	5890.10	6117.57	5879.57	5962.41	2.26	ppb
Sulfur	34-1	4620.07	5329.37	4713.51	4887.65	7.88	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	234.23	241.71	238.65	238.19	1.58	ppb
Thallium	205-1	243.77	245.07	240.89	243.24	0.88	ppb
Tin	118-1	248.86	250.64	254.12	251.21	1.07	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:20:37	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2472.00	2533.67	2438.07	2481.25	1.95	ppb
Uranium	238-1	230.98	243.03	230.85	234.95	2.98	ppb
Vanadium	51-2	248.05	252.88	250.30	250.41	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2569.91	2590.62	2545.45	2568.66	0.88	ppb
Zirconium	90-1	235.19	246.10	238.67	239.99	2.32	ppb
Zirconium	91-1	236.00	245.33	239.42	240.25	1.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:23:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9979.72	9732.36	9620.83	9777.63	1.88	ppb
Antimony	121-1	480.11	481.00	487.81	482.97	0.87	ppb
Arsenic	75-2	499.05	497.30	493.33	496.56	0.59	ppb
Barium	135-1	2490.16	2450.87	2406.37	2449.13	1.71	ppb
Barium	137-1	2490.92	2412.42	2448.21	2450.51	1.60	ppb
Beryllium	9-1	503.23	494.94	499.65	499.27	0.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	478.87	493.51	505.84	492.74	2.74	ppb
Boron	11-1	500.95	527.27	539.89	522.70	3.80	ppb
Bromine	81-1						cps
Cadmium	111-1	490.21	486.15	499.24	491.86	1.36	ppb
Cadmium	106-1	507.46	479.41	474.69	487.19	3.64	ppb
Cadmium	108-1	500.33	486.39	495.90	494.21	1.44	ppb
Calcium	43-1	56487.42	57259.27	57691.12	57145.94	1.07	ppb
Calcium	44-1	52923.09	53219.46	53971.55	53371.36	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.00	492.25	482.57	490.94	1.59	ppb
Cobalt	59-2	510.47	492.56	495.26	499.43	1.93	ppb
Copper	63-2	5116.04	5009.27	5009.25	5044.85	1.22	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				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	27303.18	27100.82	26410.70	26938.23	1.74	ppb
Iron	56-2	25612.85	25591.46	25392.38	25532.23	0.48	ppb
Iron	57-2	25865.37	25140.36	25514.48	25506.74	1.42	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:23:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2318.76	2395.11	2405.34	2373.07	1.99	ppb
Lead	207-1	2318.36	2433.75	2430.78	2394.30	2.75	ppb
Lead	208-1	2357.45	2428.04	2432.67	2406.05	1.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	51471.02	49663.88	50024.19	50386.36	1.90	ppb
Manganese	55-2	4981.40	4995.34	4872.04	4949.59	1.36	ppb
Molybdenum	94-1	4969.04	4745.96	4787.98	4834.33	2.45	ppb
Molybdenum	95-1	4869.90	4813.90	4888.92	4857.58	0.80	ppb
Molybdenum	96-1	4880.65	4767.40	4902.98	4850.34	1.50	ppb
Molybdenum	97-1	4881.57	4807.80	4818.64	4836.00	0.82	ppb
Molybdenum	98-1	4933.02	4847.69	4786.31	4855.67	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.04	502.81	499.99	501.61	0.29	ppb
Phosphorus	31-2	9964.18	9415.68	9904.71	9761.52	3.08	ppb
Potassium	39-2	25321.25	24730.91	24094.29	24715.48	2.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	486.32	487.87	496.35	490.18	1.10	ppb
Selenium	77-2	502.17	501.94	508.02	504.05	0.68	ppb
Selenium	78-2	502.89	496.99	493.65	497.84	0.94	ppb
Silicon	28-1	486.80	507.41	528.97	507.73	4.15	ppb
Silver	107-1	493.37	479.66	482.49	485.17	1.49	ppb
Silver	109-1	502.75	492.44	494.46	496.55	1.10	ppb
Sodium	23-2	50830.78	49686.35	49151.95	49889.69	1.72	ppb
Strontium	86-1	12355.75	12074.58	11991.09	12140.47	1.57	ppb
Strontium	88-1	12378.85	11895.34	11931.02	12068.40	2.23	ppb
Sulfur	34-1	9235.48	9345.03	9358.93	9313.14	0.73	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	464.34	484.49	476.56	475.13	2.14	ppb
Thallium	205-1	477.63	485.79	475.46	479.63	1.14	ppb
Tin	118-1	481.82	479.36	480.78	480.66	0.26	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:23:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4749.77	4856.60	4920.53	4842.30	1.78	ppb
Uranium	238-1	470.52	477.36	468.64	472.17	0.97	ppb
Vanadium	51-2	508.50	498.57	497.14	501.40	1.23	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	5075.69	4985.51	5036.54	5032.58	0.90	ppb
Zirconium	90-1	483.13	485.53	476.50	481.72	0.97	ppb
Zirconium	91-1	491.76	488.31	482.42	487.49	0.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:26:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19131.88	18568.00	21289.14	19663.00	7.30	ppb
Antimony	121-1	935.81	1009.03	1080.40	1008.41	7.17	ppb
Arsenic	75-2	973.69	942.31	1089.24	1001.75	7.72	ppb
Barium	135-1	4582.79	5038.24	5478.49	5033.17	8.90	ppb
Barium	137-1	4635.75	5092.38	5353.53	5027.22	7.23	ppb
Beryllium	9-1	941.52	1013.04	1036.31	996.96	4.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	902.87	1027.22	1084.48	1004.86	9.24	ppb
Boron	11-1	877.33	1023.32	1057.59	986.08	9.71	ppb
Bromine	81-1						cps
Cadmium	111-1	920.40	1001.37	1083.06	1001.61	8.12	ppb
Cadmium	106-1	914.55	1015.11	1081.84	1003.83	8.39	ppb
Cadmium	108-1	919.34	1006.29	1077.86	1001.16	7.93	ppb
Calcium	43-1	114930.98	120198.50	126918.19	120682.56	4.98	ppb
Calcium	44-1	106017.21	111470.37	115775.77	111087.78	4.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	969.46	963.02	1083.84	1005.44	6.76	ppb
Cobalt	59-2	974.12	943.29	1080.49	999.30	7.20	ppb
Copper	63-2	9748.82	9394.31	10693.83	9945.65	6.75	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				103		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	52283.48	50973.01	59207.22	54154.57	8.17	ppb
Iron	56-2	49988.77	48361.08	56103.17	51484.34	7.93	ppb
Iron	57-2	50786.17	50308.48	57209.27	52767.97	7.30	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:26:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4718.65	5149.89	5367.65	5078.73	6.50	ppb
Lead	207-1	4727.74	5140.96	5340.30	5069.67	6.16	ppb
Lead	208-1	4743.70	5064.19	5381.32	5063.07	6.30	ppb
Lithium	6-1				110		%
Magnesium	24-2	100010.89	96493.15	111355.48	102619.84	7.57	ppb
Manganese	55-2	9639.40	9583.35	10834.21	10018.99	7.05	ppb
Molybdenum	94-1	9427.39	10345.96	10533.00	10102.12	5.86	ppb
Molybdenum	95-1	9458.68	10310.88	10517.37	10095.64	5.56	ppb
Molybdenum	96-1	9379.17	10162.02	10752.75	10097.98	6.82	ppb
Molybdenum	97-1	9362.02	10314.71	10661.58	10112.77	6.65	ppb
Molybdenum	98-1	9357.79	10236.64	10701.90	10098.78	6.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	962.84	945.07	1083.43	997.11	7.55	ppb
Phosphorus	31-2	19393.87	18932.15	22061.06	20129.03	8.39	ppb
Potassium	39-2	47196.77	46693.56	52744.11	48878.15	6.87	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	937.39	1009.41	1066.70	1004.50	6.45	ppb
Selenium	77-2	932.30	964.07	1094.30	996.89	8.61	ppb
Selenium	78-2	980.48	920.72	1097.21	999.47	8.98	ppb
Silicon	28-1	908.21	988.09	1059.78	985.36	7.69	ppb
Silver	107-1	919.75	1013.45	1078.74	1003.98	7.96	ppb
Silver	109-1	923.92	999.80	1074.29	999.34	7.52	ppb
Sodium	23-2	100380.02	98420.64	109279.38	102693.35	5.64	ppb
Strontium	86-1	23674.83	24937.84	27082.61	25231.76	6.83	ppb
Strontium	88-1	23564.70	25223.05	27123.85	25303.87	7.04	ppb
Sulfur	34-1	19493.09	20034.86	21626.36	20384.77	5.44	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	925.29	1016.14	1107.59	1016.34	8.97	ppb
Thallium	205-1	931.78	1022.27	1084.03	1012.69	7.56	ppb
Tin	118-1	917.13	1005.39	1104.72	1009.08	9.30	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:26:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9492.83	10293.44	10457.47	10081.25	5.12	ppb
Uranium	238-1	961.36	992.41	1102.17	1018.65	7.26	ppb
Vanadium	51-2	974.98	948.27	1073.38	998.88	6.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	9662.67	9492.47	10718.79	9957.98	6.67	ppb
Zirconium	90-1	960.75	1016.53	1058.36	1011.88	4.84	ppb
Zirconium	91-1	947.73	1019.61	1060.40	1009.25	5.65	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:38:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100914.78	101712.50	97654.15	100093.81	2.15	ppb
Antimony	121-1	0.64	0.69	0.71	0.68	5.63	ppb
Arsenic	75-2	0.49	0.35	0.46	0.43	16.69	ppb
Barium	135-1	2.38	2.76	2.37	2.51	8.82	ppb
Barium	137-1	2.46	2.66	2.59	2.57	3.89	ppb
Beryllium	9-1	0.13	0.13	0.15	0.14	9.29	ppb
Bismuth	209-1				92		%
Bismuth	209-2				97		%
Boron	10-1	21.37	21.20	19.91	20.83	3.82	ppb
Boron	11-1	22.23	22.45	20.86	21.85	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.05	0.24	0.19	65.98	ppb
Cadmium	106-1	0.20	-3.27	-0.65	-1.24		ppb
Cadmium	108-1	0.40	0.39	0.06	0.28	69.61	ppb
Calcium	43-1	500750.46	503050.96	480827.17	494876.20	2.47	ppb
Calcium	44-1	502229.75	508561.59	481148.73	497313.36	2.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.39	10.21	10.18	10.26	1.11	ppb
Cobalt	59-2	2.82	2.85	2.75	2.81	1.84	ppb
Copper	63-2	3.26	3.04	3.30	3.20	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				105		%
Holmium	165-2				108		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	252640.63	249067.74	245043.74	248917.37	1.53	ppb
Iron	56-2	253907.42	251394.48	243533.12	249611.67	2.17	ppb
Iron	57-2	257393.73	241995.60	248708.92	249366.08	3.10	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:38:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.42	1.39	1.49	1.43	3.70	ppb
Lead	207-1	1.41	1.38	1.43	1.40	1.78	ppb
Lead	208-1	1.41	1.36	1.46	1.41	3.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	503589.85	511416.83	483206.12	499404.27	2.92	ppb
Manganese	55-2	6.12	6.14	5.61	5.96	5.10	ppb
Molybdenum	94-1	3.95	4.02	3.88	3.95	1.68	ppb
Molybdenum	95-1	3.09	3.34	3.30	3.24	4.06	ppb
Molybdenum	96-1	7.93	7.70	7.95	7.86	1.78	ppb
Molybdenum	97-1	3.16	3.21	3.38	3.25	3.51	ppb
Molybdenum	98-1	2.85	2.96	3.17	2.99	5.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.43	8.35	8.56	8.45	1.22	ppb
Phosphorus	31-2	-26.58	7.45	-1.90	-7.01		ppb
Potassium	39-2	254348.86	252140.57	244265.03	250251.49	2.12	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	1.34	2.26	1.61	1.74	27.29	ppb
Selenium	77-2	3.82	-0.28	2.16	1.90	108.74	ppb
Selenium	78-2	1.17	-0.16	-0.87	0.05	2258.81	ppb
Silicon	28-1	34.35	41.70	43.41	39.82	12.08	ppb
Silver	107-1	0.33	0.33	0.36	0.34	4.15	ppb
Silver	109-1	0.35	0.34	0.34	0.34	0.67	ppb
Sodium	23-2	500924.68	504214.41	493287.47	499475.52	1.12	ppb
Strontium	86-1	7.42	7.86	7.41	7.56	3.40	ppb
Strontium	88-1	7.19	7.50	7.72	7.47	3.62	ppb
Sulfur	34-1	-134.59	-105.14	-217.79	-152.50		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.44	0.49	0.41	0.45	9.28	ppb
Thallium	205-1	0.39	0.41	0.42	0.41	3.01	ppb
Tin	118-1	1.37	1.34	1.26	1.32	4.50	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:38:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.81	1.94	2.22	1.99	10.65	ppb
Uranium	238-1	0.14	0.14	0.15	0.14	6.00	ppb
Vanadium	51-2	0.43	0.41	0.35	0.40	10.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	25.41	24.54	24.49	24.82	2.08	ppb
Zirconium	90-1	0.55	0.56	0.57	0.56	1.98	ppb
Zirconium	91-1	0.60	0.54	0.63	0.59	8.23	ppb

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : ICV043 Instrumnet Name : P8
 Client Sample ID : ICV043 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:45:09 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	516.11	518.79	516.37	517.09	0.29	ppb
Antimony	121-1	202.19	194.14	196.07	197.46	2.13	ppb
Arsenic	75-2	197.25	198.82	197.55	197.87	0.42	ppb
Barium	135-1	100.28	97.43	100.82	99.51	1.83	ppb
Barium	137-1	103.86	99.27	99.95	101.03	2.45	ppb
Beryllium	9-1	103.05	100.21	101.81	101.69	1.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	53.30	54.22	56.90	54.81	3.41	ppb
Boron	11-1	55.52	57.72	61.91	58.38	5.56	ppb
Bromine	81-1						cps
Cadmium	111-1	104.66	100.84	102.06	102.52	1.90	ppb
Cadmium	106-1	86.18	79.45	84.63	83.42	4.22	ppb
Cadmium	108-1	115.79	109.46	111.39	112.21	2.89	ppb
Calcium	43-1	9512.45	9268.53	8970.58	9250.52	2.93	ppb
Calcium	44-1	6550.53	6460.83	6205.90	6405.76	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.91	101.55	98.38	100.28	1.67	ppb
Cobalt	59-2	100.62	100.98	97.77	99.79	1.76	ppb
Copper	63-2	100.86	102.31	100.94	101.37	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				106		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	2086.69	2080.03	2035.21	2067.31	1.35	ppb
Iron	56-2	2067.25	2046.72	1996.73	2036.90	1.78	ppb
Iron	57-2	2025.24	2032.34	1975.33	2010.97	1.55	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICV043	Instrumnet Name :	P8
Client Sample ID :	ICV043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:45:09	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	195.02	190.95	193.54	193.17	1.07	ppb
Lead	207-1	190.35	190.14	187.08	189.19	0.97	ppb
Lead	208-1	193.81	196.11	195.21	195.04	0.60	ppb
Lithium	6-1				115		%
Magnesium	24-2	1225.94	1199.96	1191.87	1205.92	1.48	ppb
Manganese	55-2	96.08	96.02	95.18	95.76	0.52	ppb
Molybdenum	94-1	4320.11	4015.04	4280.77	4205.30	3.95	ppb
Molybdenum	95-1	5396.99	4981.24	5230.18	5202.80	4.02	ppb
Molybdenum	96-1	5293.84	4925.58	5089.48	5102.97	3.62	ppb
Molybdenum	97-1	5231.81	5000.63	5129.04	5120.49	2.26	ppb
Molybdenum	98-1	5264.85	4999.66	5271.35	5178.62	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.95	109.10	104.58	107.21	2.19	ppb
Phosphorus	31-2	1.16	5.12	-7.40	-0.37		ppb
Potassium	39-2	1907.49	1910.83	1834.80	1884.37	2.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	208.81	204.36	208.16	207.11	1.16	ppb
Selenium	77-2	197.76	204.50	212.21	204.82	3.53	ppb
Selenium	78-2	213.93	206.68	203.28	207.96	2.62	ppb
Silicon	28-1	136.30	109.35	112.13	119.26	12.43	ppb
Silver	107-1	50.51	48.11	49.85	49.49	2.51	ppb
Silver	109-1	49.68	48.01	49.39	49.03	1.81	ppb
Sodium	23-2	2006.96	2069.93	2014.06	2030.32	1.70	ppb
Strontium	86-1	12558.14	12188.73	12693.98	12480.28	2.10	ppb
Strontium	88-1	12778.92	12064.88	12357.33	12400.37	2.89	ppb
Sulfur	34-1	-380.79	-502.93	-634.11	-505.94		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	198.43	196.12	198.89	197.81	0.75	ppb
Thallium	205-1	206.43	202.65	203.74	204.27	0.95	ppb
Tin	118-1	45.37	42.41	42.75	43.51	3.73	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICV043	Instrumnet Name :	P8
Client Sample ID :	ICV043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:45:09	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5014.03	4933.88	4869.54	4939.15	1.47	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	9.05	ppb
Vanadium	51-2	98.26	97.42	95.10	96.93	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	212.35	219.76	217.92	216.68	1.78	ppb
Zirconium	90-1	0.21	0.27	0.31	0.26	20.02	ppb
Zirconium	91-1	0.32	0.28	0.38	0.32	15.74	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICB043	Instrumnet Name :	P8
Client Sample ID :	ICB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:49:12	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.32	0.12	0.17	76.25	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	6.97	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	282.75	ppb
Barium	135-1	0.03	-0.01	0.02	0.01	194.65	ppb
Barium	137-1	0.01	0.01	0.00	0.01	106.18	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	84.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	9.50	9.77	8.83	9.37	5.18	ppb
Boron	11-1	10.12	10.30	9.50	9.97	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.10	-0.06	-0.10		ppb
Cadmium	106-1	-2.24	-1.55	-1.11	-1.64		ppb
Cadmium	108-1	0.05	-0.05	-0.11	-0.03		ppb
Calcium	43-1	-1.31	-0.95	-1.91	-1.39		ppb
Calcium	44-1	0.60	-0.10	0.32	0.28	127.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.05	-0.02		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.04	0.07	0.06	29.78	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				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	0.30	1.08	0.34	0.58	76.55	ppb
Iron	56-2	1.09	0.83	0.67	0.87	24.44	ppb
Iron	57-2	-0.53	0.27	1.10	0.28	290.13	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICB043	Instrumnet Name :	P8
Client Sample ID :	ICB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:49:12	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.01	0.03	58.86	ppb
Lead	207-1	0.07	0.04	0.07	0.06	26.42	ppb
Lead	208-1	0.06	0.05	0.05	0.05	14.10	ppb
Lithium	6-1				114		%
Magnesium	24-2	2.60	2.28	2.09	2.32	11.08	ppb
Manganese	55-2	0.00	0.04	0.03	0.02	78.77	ppb
Molybdenum	94-1	0.21	0.14	0.16	0.17	22.60	ppb
Molybdenum	95-1	0.23	0.16	0.14	0.18	29.89	ppb
Molybdenum	96-1	0.29	0.13	0.21	0.21	36.19	ppb
Molybdenum	97-1	0.23	0.16	0.14	0.18	29.52	ppb
Molybdenum	98-1	0.28	0.17	0.17	0.21	29.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.02	0.02	87.43	ppb
Phosphorus	31-2	-24.43	-18.07	-5.61	-16.04		ppb
Potassium	39-2	-7.82	-1.00	-11.41	-6.74		ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.50	0.75	-0.23	0.34	150.35	ppb
Selenium	77-2	1.31	-0.28	-0.28	0.25	371.79	ppb
Selenium	78-2	-0.86	-0.63	-0.38	-0.62		ppb
Silicon	28-1	-4.16	0.39	-0.04	-1.27		ppb
Silver	107-1	0.04	0.04	0.05	0.04	8.67	ppb
Silver	109-1	0.05	0.04	0.03	0.04	26.94	ppb
Sodium	23-2	32.71	34.58	31.22	32.84	5.12	ppb
Strontium	86-1	0.09	0.09	0.21	0.13	52.67	ppb
Strontium	88-1	0.37	0.21	0.18	0.25	40.40	ppb
Sulfur	34-1	-754.63	-501.45	-393.71	-549.93		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.02	-0.01		ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICB043	Instrumnet Name :	P8
Client Sample ID :	ICB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:49:12	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.10	0.07	0.13	62.43	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.89	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	-0.13	0.15	-0.07	-0.02		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	0.00	0.00	0.00		ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSA043	Instrumnet Name :	P8
Client Sample ID :	ICSA043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:52:18	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91346.18	95057.02	92647.71	93016.97	2.02	ppb
Antimony	121-1	1.00	1.13	1.08	1.07	6.07	ppb
Arsenic	75-2	0.28	0.34	0.36	0.33	12.20	ppb
Barium	135-1	1.32	1.30	1.40	1.34	3.79	ppb
Barium	137-1	1.40	1.40	1.46	1.42	2.48	ppb
Beryllium	9-1	0.29	0.25	0.29	0.28	8.20	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	8.52	7.84	7.84	8.07	4.92	ppb
Boron	11-1	8.75	8.74	9.06	8.85	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.11	0.23	0.19	35.54	ppb
Cadmium	106-1	-2.09	-3.01	-0.20	-1.77		ppb
Cadmium	108-1	7.05	6.28	7.16	6.83	7.03	ppb
Calcium	43-1	93377.18	95761.48	96525.92	95221.52	1.72	ppb
Calcium	44-1	93514.50	95805.11	95259.73	94859.78	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.94	18.99	18.60	18.84	1.12	ppb
Cobalt	59-2	1.17	1.15	1.11	1.14	2.73	ppb
Copper	63-2	7.10	7.10	7.35	7.18	2.04	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				114		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	54-2	100985.96	102057.22	99902.52	100981.90	1.07	ppb
Iron	56-2	97177.91	98117.15	98775.83	98023.63	0.82	ppb
Iron	57-2	97441.72	100078.61	99352.44	98957.59	1.38	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSA043	Instrumnet Name :	P8
Client Sample ID :	ICSA043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:52:18	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.71	4.73	4.70	4.71	0.34	ppb
Lead	207-1	4.22	4.42	4.54	4.39	3.67	ppb
Lead	208-1	4.50	4.54	4.58	4.54	0.87	ppb
Lithium	6-1				121		%
Magnesium	24-2	95110.08	97833.17	95530.75	96158.00	1.52	ppb
Manganese	55-2	7.85	7.57	7.58	7.67	2.09	ppb
Molybdenum	94-1	1529.33	1497.42	1533.61	1520.12	1.30	ppb
Molybdenum	95-1	1865.13	1820.40	1916.06	1867.20	2.56	ppb
Molybdenum	96-1	1790.98	1786.92	1871.70	1816.53	2.63	ppb
Molybdenum	97-1	1834.46	1869.71	1906.52	1870.23	1.93	ppb
Molybdenum	98-1	1851.12	1816.41	1886.97	1851.50	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.93	5.11	5.32	5.12	3.86	ppb
Phosphorus	31-2	92992.81	96001.68	95715.11	94903.20	1.75	ppb
Potassium	39-2	91923.13	93476.73	94472.89	93290.92	1.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	82-1	0.35	1.38	0.97	0.90	57.90	ppb
Selenium	77-2	0.49	-0.28	0.48	0.23	194.32	ppb
Selenium	78-2	0.37	-1.81	-1.18	-0.87		ppb
Silicon	28-1	24.08	29.70	27.95	27.24	10.56	ppb
Silver	107-1	0.08	0.06	0.06	0.07	13.92	ppb
Silver	109-1	0.06	0.08	0.08	0.07	10.62	ppb
Sodium	23-2	97570.18	98143.86	96063.60	97259.21	1.10	ppb
Strontium	86-1	33.35	32.26	33.66	33.09	2.23	ppb
Strontium	88-1	33.19	32.84	33.55	33.20	1.07	ppb
Sulfur	34-1	70518.06	72514.56	72367.84	71800.16	1.55	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.18	0.20	0.26	0.21	21.08	ppb
Thallium	205-1	0.17	0.18	0.28	0.21	29.33	ppb
Tin	118-1	3.88	0.18	0.12	1.39	154.37	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSA043	Instrumnet Name :	P8
Client Sample ID :	ICSA043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:52:18	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1839.95	1912.35	1933.74	1895.35	2.59	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.41	ppb
Vanadium	51-2	0.11	0.14	0.16	0.13	17.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	12.02	12.74	11.82	12.19	3.94	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.77	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	21.96	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSAB043	Instrumnet Name :	P8
Client Sample ID :	ICSAB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:55:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91025.31	91323.97	89761.86	90703.72	0.91	ppb
Antimony	121-1	20.03	20.17	20.38	20.19	0.87	ppb
Arsenic	75-2	20.36	19.36	19.40	19.71	2.87	ppb
Barium	135-1	20.21	20.23	20.68	20.37	1.30	ppb
Barium	137-1	20.90	20.87	21.53	21.10	1.77	ppb
Beryllium	9-1	19.87	20.43	20.00	20.10	1.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	6.79	6.68	6.70	6.73	0.89	ppb
Boron	11-1	7.30	7.39	7.43	7.37	0.90	ppb
Bromine	81-1						cps
Cadmium	111-1	18.77	18.34	19.57	18.89	3.33	ppb
Cadmium	106-1	14.08	12.15	14.51	13.58	9.24	ppb
Cadmium	108-1	22.95	23.71	23.38	23.35	1.65	ppb
Calcium	43-1	94946.31	96489.32	97574.04	96336.56	1.37	ppb
Calcium	44-1	94709.64	94549.74	96458.04	95239.14	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.80	37.27	37.59	37.22	1.06	ppb
Cobalt	59-2	19.96	19.77	19.90	19.87	0.49	ppb
Copper	63-2	25.36	25.70	25.64	25.56	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				116		%
Holmium	165-2				115		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	54-2	101116.27	96979.99	100766.88	99621.05	2.30	ppb
Iron	56-2	95824.25	95450.05	97480.68	96251.66	1.12	ppb
Iron	57-2	96071.13	96884.80	98341.60	97099.18	1.18	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSAB043	Instrumnet Name :	P8
Client Sample ID :	ICSAB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:55:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.91	22.60	23.31	23.28	2.81	ppb
Lead	207-1	23.46	22.33	22.51	22.77	2.67	ppb
Lead	208-1	23.43	22.54	22.65	22.87	2.14	ppb
Lithium	6-1				121		%
Magnesium	24-2	94405.00	92937.86	93902.68	93748.52	0.80	ppb
Manganese	55-2	25.36	25.18	24.91	25.15	0.90	ppb
Molybdenum	94-1	1502.13	1498.71	1460.81	1487.22	1.54	ppb
Molybdenum	95-1	1824.07	1806.60	1787.87	1806.18	1.00	ppb
Molybdenum	96-1	1798.53	1756.09	1737.07	1763.90	1.78	ppb
Molybdenum	97-1	1872.78	1803.03	1780.76	1818.86	2.64	ppb
Molybdenum	98-1	1879.95	1801.96	1758.08	1813.33	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.90	23.70	23.81	23.81	0.42	ppb
Phosphorus	31-2	92495.08	91770.44	92946.86	92404.12	0.64	ppb
Potassium	39-2	91806.12	91812.29	91695.66	91771.36	0.07	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				119		%
Scandium	45-2				118		%
Selenium	82-1	19.98	16.65	18.49	18.37	9.07	ppb
Selenium	77-2	20.17	19.27	22.21	20.55	7.31	ppb
Selenium	78-2	19.77	19.78	18.20	19.25	4.73	ppb
Silicon	28-1	27.02	27.22	31.12	28.45	8.12	ppb
Silver	107-1	18.35	18.46	18.49	18.43	0.39	ppb
Silver	109-1	18.09	17.80	18.26	18.05	1.28	ppb
Sodium	23-2	96828.62	97669.31	96095.61	96864.51	0.81	ppb
Strontium	86-1	32.35	33.03	31.31	32.23	2.69	ppb
Strontium	88-1	32.98	32.14	31.64	32.25	2.10	ppb
Sulfur	34-1	70321.93	70156.83	72215.96	70898.24	1.61	ppb
Terbium	159-1				115		%
Terbium	159-2				116		%
Thallium	203-1	19.55	19.15	19.11	19.27	1.26	ppb
Thallium	205-1	19.90	19.31	19.96	19.72	1.81	ppb
Tin	118-1	0.16	0.16	0.24	0.18	24.07	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSAB043	Instrumnet Name :	P8
Client Sample ID :	ICSAB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:55:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1925.01	1872.60	1919.39	1905.67	1.51	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	14.97	ppb
Vanadium	51-2	18.56	18.73	19.04	18.78	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	32.17	31.78	32.05	32.00	0.62	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	36.16	ppb
Zirconium	91-1	0.04	0.03	0.06	0.04	31.02	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:58:07	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49223.63	49290.84	48808.54	49107.67	0.53	ppb
Antimony	121-1	503.07	515.81	492.08	503.65	2.36	ppb
Arsenic	75-2	469.29	478.80	470.38	472.82	1.10	ppb
Barium	135-1	2415.41	2472.56	2370.70	2419.56	2.11	ppb
Barium	137-1	2471.92	2444.71	2325.79	2414.14	3.22	ppb
Beryllium	9-1	481.93	502.28	489.86	491.36	2.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	454.96	505.54	508.62	489.71	6.15	ppb
Boron	11-1	485.24	541.27	542.77	523.09	6.27	ppb
Bromine	81-1						cps
Cadmium	111-1	476.86	497.88	458.24	477.66	4.15	ppb
Cadmium	106-1	475.20	487.32	449.05	470.52	4.16	ppb
Cadmium	108-1	493.00	491.66	473.59	486.08	2.23	ppb
Calcium	43-1	252029.44	249495.00	245167.40	248897.28	1.39	ppb
Calcium	44-1	245171.62	245284.46	242833.83	244429.97	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.18	475.49	467.05	472.24	0.96	ppb
Cobalt	59-2	470.50	477.78	468.28	472.19	1.05	ppb
Copper	63-2	5064.62	4898.07	4967.55	4976.74	1.68	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				111		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	126534.09	125889.63	125085.32	125836.35	0.58	ppb
Iron	56-2	126454.18	123789.18	119080.60	123107.99	3.03	ppb
Iron	57-2	121066.36	124243.24	121638.57	122316.06	1.38	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:58:07	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2563.93	2396.00	2361.86	2440.59	4.43	ppb
Lead	207-1	2508.13	2419.82	2344.97	2424.31	3.37	ppb
Lead	208-1	2490.41	2449.51	2351.37	2430.43	2.94	ppb
Lithium	6-1				119		%
Magnesium	24-2	245955.26	248688.53	238985.29	244543.03	2.05	ppb
Manganese	55-2	4925.17	4801.64	4700.17	4809.00	2.34	ppb
Molybdenum	94-1	4697.02	4886.25	4664.60	4749.29	2.52	ppb
Molybdenum	95-1	4859.48	4970.18	4837.67	4889.11	1.45	ppb
Molybdenum	96-1	4850.43	4850.98	4855.80	4852.41	0.06	ppb
Molybdenum	97-1	4750.32	4722.72	4710.28	4727.77	0.43	ppb
Molybdenum	98-1	4722.65	4797.31	4766.67	4762.21	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.29	500.56	503.23	507.36	1.88	ppb
Phosphorus	31-2	9794.68	9619.51	9666.28	9693.49	0.94	ppb
Potassium	39-2	118310.24	119335.41	118907.85	118851.17	0.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	474.17	492.51	468.46	478.38	2.63	ppb
Selenium	77-2	484.76	491.34	520.59	498.89	3.82	ppb
Selenium	78-2	484.36	495.21	492.69	490.75	1.16	ppb
Silicon	28-1	489.61	501.36	514.43	501.80	2.47	ppb
Silver	107-1	498.19	511.49	467.20	492.29	4.62	ppb
Silver	109-1	499.30	507.02	469.09	491.80	4.08	ppb
Sodium	23-2	249129.07	249069.26	242353.63	246850.65	1.58	ppb
Strontium	86-1	12179.78	12528.63	12075.44	12261.28	1.94	ppb
Strontium	88-1	11927.72	12411.28	11576.90	11971.97	3.50	ppb
Sulfur	34-1	9231.89	9018.54	9460.96	9237.13	2.40	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	525.87	490.44	497.18	504.50	3.73	ppb
Thallium	205-1	520.39	488.67	486.99	498.68	3.77	ppb
Tin	118-1	489.77	487.70	458.82	478.76	3.61	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:58:07	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4840.23	4860.53	4829.10	4843.29	0.33	ppb
Uranium	238-1	509.54	489.12	487.90	495.52	2.45	ppb
Vanadium	51-2	492.21	487.60	500.42	493.41	1.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	4768.64	4766.63	4695.88	4743.71	0.87	ppb
Zirconium	90-1	474.43	485.98	463.33	474.58	2.39	ppb
Zirconium	91-1	478.45	498.68	466.88	481.34	3.34	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:06:05	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.77	0.54	0.74	25.79	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	12.43	ppb
Arsenic	75-2	0.00	0.00	-0.01	-0.01		ppb
Barium	135-1	0.06	0.04	0.01	0.04	59.06	ppb
Barium	137-1	0.07	0.03	0.01	0.04	79.69	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	50.12	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	10-1	10.90	10.92	9.73	10.51	6.50	ppb
Boron	11-1	11.63	11.65	9.92	11.07	8.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.14	-0.04	-0.07		ppb
Cadmium	106-1	-0.65	-2.17	-1.08	-1.30		ppb
Cadmium	108-1	-0.06	0.02	-0.25	-0.10		ppb
Calcium	43-1	3.86	2.46	-1.18	1.72	151.57	ppb
Calcium	44-1	6.90	2.27	1.32	3.50	85.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.02	-0.05	-0.04		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	808.88	ppb
Copper	63-2	0.13	0.12	0.12	0.12	5.94	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				111		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	2.87	2.10	1.58	2.19	29.66	ppb
Iron	56-2	1.41	1.47	1.57	1.48	5.63	ppb
Iron	57-2	1.31	3.27	1.62	2.07	50.94	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:06:05	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.09	0.10	7.03	ppb
Lead	207-1	0.16	0.10	0.10	0.12	29.22	ppb
Lead	208-1	0.13	0.11	0.09	0.11	18.60	ppb
Lithium	6-1				116		%
Magnesium	24-2	2.08	2.56	2.70	2.45	13.37	ppb
Manganese	55-2	0.04	0.02	0.02	0.03	41.93	ppb
Molybdenum	94-1	0.24	0.06	0.05	0.12	90.57	ppb
Molybdenum	95-1	0.18	0.09	0.10	0.12	42.87	ppb
Molybdenum	96-1	0.22	0.08	0.11	0.14	52.09	ppb
Molybdenum	97-1	0.26	0.05	0.12	0.14	72.87	ppb
Molybdenum	98-1	0.22	0.09	0.09	0.13	57.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.05	0.01	385.44	ppb
Phosphorus	31-2	-13.23	-9.76	-23.11	-15.37		ppb
Potassium	39-2	-1.08	-0.18	-1.44	-0.90		ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	0.63	0.36	0.69	0.56	32.24	ppb
Selenium	77-2	-0.28	-0.28	0.47	-0.03		ppb
Selenium	78-2	-0.17	-0.41	-1.37	-0.65		ppb
Silicon	28-1	-3.38	1.74	-3.21	-1.62		ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.95	ppb
Silver	109-1	0.04	0.03	0.03	0.03	18.31	ppb
Sodium	23-2	32.38	34.13	32.79	33.10	2.77	ppb
Strontium	86-1	0.26	0.15	-0.08	0.11	158.39	ppb
Strontium	88-1	0.29	0.10	0.09	0.16	69.75	ppb
Sulfur	34-1	-562.38	-160.86	-404.29	-375.84		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.11	0.11	0.10	22.05	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	13.71	ppb
Tin	118-1	-0.01	-0.04	-0.01	-0.02		ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:06:05	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.19	0.09	0.10	86.30	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	93.79	ppb
Vanadium	51-2	-0.01	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				110		%
Yttrium	89-2				112		%
Zinc	66-2	-0.04	-0.14	0.05	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.50	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	63.58	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BL	Instrumnet Name :	P8
Client Sample ID :	PBS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:12:24	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.23	1.47	0.69	98.91	ppb
Antimony	121-1	0.01	0.01	0.03	0.02	64.53	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	326.48	ppb
Barium	135-1	0.01	0.02	-0.01	0.01	177.82	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	291.44	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	52.86	ppb
Bismuth	209-1				112		%
Bismuth	209-2				113		%
Boron	10-1	5.56	5.47	5.30	5.44	2.45	ppb
Boron	11-1	6.27	6.21	6.03	6.17	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	-0.05	-0.06	0.02	635.77	ppb
Cadmium	106-1	1.85	-0.78	-1.16	-0.03		ppb
Cadmium	108-1	-0.12	-0.07	-0.22	-0.14		ppb
Calcium	43-1	-1.40	0.11	-2.38	-1.22		ppb
Calcium	44-1	-0.31	-0.27	-0.20	-0.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.30	0.32	0.27	26.05	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.06	0.13	0.08	57.39	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				110		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	54-2	0.94	1.31	4.09	2.11	81.43	ppb
Iron	56-2	1.16	1.64	3.58	2.13	60.38	ppb
Iron	57-2	1.42	1.38	4.44	2.41	72.77	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BL	Instrumnet Name :	P8
Client Sample ID :	PBS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:12:24	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	19.56	ppb
Lead	207-1	0.10	0.08	0.08	0.09	16.17	ppb
Lead	208-1	0.08	0.06	0.08	0.07	17.79	ppb
Lithium	6-1				119		%
Magnesium	24-2	0.65	0.06	2.43	1.05	118.16	ppb
Manganese	55-2	-0.01	-0.02	0.03	0.00		ppb
Molybdenum	94-1	0.00	0.05	0.01	0.02	113.18	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	30.23	ppb
Molybdenum	96-1	0.01	0.04	0.03	0.03	43.76	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.04	46.51	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	7.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.06	0.02	236.77	ppb
Phosphorus	31-2	-15.62	-11.26	-24.80	-17.22		ppb
Potassium	39-2	-13.01	-8.22	7.31	-4.64		ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	0.46	0.00	0.45	0.30	85.40	ppb
Selenium	77-2	-0.28	0.46	0.54	0.24	190.34	ppb
Selenium	78-2	-0.75	-1.45	1.41	-0.26		ppb
Silicon	28-1	-2.45	-0.12	-1.18	-1.25		ppb
Silver	107-1	0.02	0.01	0.01	0.01	30.58	ppb
Silver	109-1	0.01	0.02	0.02	0.02	52.07	ppb
Sodium	23-2	16.59	17.66	25.38	19.88	24.14	ppb
Strontium	86-1	0.01	-0.14	-0.20	-0.11		ppb
Strontium	88-1	0.03	0.02	0.01	0.02	39.54	ppb
Sulfur	34-1	-434.59	-293.19	-251.08	-326.29		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.10	0.11	0.09	23.38	ppb
Thallium	205-1	0.09	0.08	0.11	0.09	16.83	ppb
Tin	118-1	0.06	0.11	0.08	0.08	33.45	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BL	Instrumnet Name :	P8
Client Sample ID :	PBS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:12:24	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	-0.04	0.03	0.02	266.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	411.30	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				113		%
Yttrium	89-2				113		%
Zinc	66-2	-0.02	0.15	0.09	0.07	124.86	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00	1064.32	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BS	Instrumnet Name :	P8
Client Sample ID :	LCS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:15:26	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.25	38.41	37.68	38.45	2.04	ppb
Antimony	121-1	3.74	3.84	3.82	3.80	1.40	ppb
Arsenic	75-2	1.85	1.80	2.04	1.90	6.77	ppb
Barium	135-1	18.29	18.46	18.88	18.55	1.64	ppb
Barium	137-1	19.07	18.69	19.28	19.01	1.55	ppb
Beryllium	9-1	1.88	1.99	2.03	1.97	3.94	ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Boron	10-1	44.31	48.52	51.59	48.14	7.59	ppb
Boron	11-1	46.27	51.25	54.94	50.82	8.57	ppb
Bromine	81-1						cps
Cadmium	111-1	1.92	2.04	1.69	1.89	9.35	ppb
Cadmium	106-1	0.06	2.45	-1.02	0.50	357.31	ppb
Cadmium	108-1	2.12	1.85	1.55	1.84	15.39	ppb
Calcium	43-1	1166.51	1125.87	1107.34	1133.24	2.67	ppb
Calcium	44-1	1054.20	1035.02	1016.77	1035.33	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.78	3.58	3.75	3.70	2.83	ppb
Cobalt	59-2	1.89	1.94	1.93	1.92	1.30	ppb
Copper	63-2	3.85	3.92	3.83	3.86	1.22	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				113		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	54-2	405.09	383.26	392.15	393.50	2.79	ppb
Iron	56-2	380.82	379.78	376.81	379.14	0.55	ppb
Iron	57-2	360.81	381.57	397.56	379.98	4.85	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BS	Instrumnet Name :	P8
Client Sample ID :	LCS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:15:26	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.93	1.82	1.86	1.87	2.91	ppb
Lead	207-1	1.84	1.78	1.91	1.85	3.61	ppb
Lead	208-1	1.86	1.81	1.87	1.85	1.68	ppb
Lithium	6-1				121		%
Magnesium	24-2	920.81	960.85	956.76	946.14	2.33	ppb
Manganese	55-2	1.87	1.86	1.96	1.90	2.96	ppb
Molybdenum	94-1	9.57	9.90	9.45	9.64	2.39	ppb
Molybdenum	95-1	7.76	7.79	7.85	7.80	0.53	ppb
Molybdenum	96-1	7.72	7.83	8.02	7.86	1.98	ppb
Molybdenum	97-1	7.58	7.93	7.39	7.63	3.63	ppb
Molybdenum	98-1	7.47	7.93	7.82	7.74	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.04	2.01	1.99	2.89	ppb
Phosphorus	31-2	-24.85	-9.15	-27.15	-20.38		ppb
Potassium	39-2	886.14	903.02	894.25	894.47	0.94	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				118		%
Selenium	82-1	9.68	10.54	10.05	10.09	4.32	ppb
Selenium	77-2	9.98	15.63	5.80	10.47	47.07	ppb
Selenium	78-2	11.15	9.16	7.79	9.37	18.07	ppb
Silicon	28-1	17.73	16.45	15.17	16.45	7.79	ppb
Silver	107-1	1.91	1.97	1.98	1.95	1.80	ppb
Silver	109-1	1.89	1.85	1.90	1.88	1.41	ppb
Sodium	23-2	946.58	927.10	923.75	932.48	1.32	ppb
Strontium	86-1	367.32	373.11	376.89	372.44	1.29	ppb
Strontium	88-1	346.06	370.62	362.43	359.71	3.48	ppb
Sulfur	34-1	-262.99	-347.02	-350.96	-320.32		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	1.86	1.83	1.87	1.85	1.09	ppb
Thallium	205-1	1.91	1.84	1.86	1.87	2.10	ppb
Tin	118-1	0.01	0.03	0.06	0.03	70.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BS	Instrumnet Name :	P8
Client Sample ID :	LCS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:15:26	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.51	9.01	9.13	9.22	2.81	ppb
Uranium	238-1	1.73	1.83	1.77	1.78	2.62	ppb
Vanadium	51-2	9.01	9.32	9.24	9.19	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				114		%
Zinc	66-2	9.85	9.36	9.91	9.71	3.10	ppb
Zirconium	90-1	1.78	1.80	1.89	1.82	3.12	ppb
Zirconium	91-1	1.65	1.75	1.85	1.75	5.63	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BL	Instrumnet Name :	P8
Client Sample ID :	PBS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:18:32	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	0.29	0.21	0.39	63.31	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	39.07	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.03	0.01	-0.01	0.01	141.68	ppb
Barium	137-1	0.00	0.00	0.02	0.01	158.04	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	34.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Boron	10-1	7.25	7.76	7.29	7.43	3.84	ppb
Boron	11-1	7.91	8.45	8.32	8.23	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	-0.14	-0.09	-0.05		ppb
Cadmium	106-1	0.90	-2.19	-1.42	-0.90		ppb
Cadmium	108-1	-0.06	-0.19	0.18	-0.02		ppb
Calcium	43-1	-4.11	-1.57	-3.55	-3.08		ppb
Calcium	44-1	-1.04	-0.85	0.47	-0.47		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.25	0.28	0.29	12.63	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.06	0.04	0.06	25.88	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				110		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	1.99	1.74	1.43	1.72	16.13	ppb
Iron	56-2	1.72	1.65	1.71	1.69	2.34	ppb
Iron	57-2	1.11	2.72	2.07	1.97	41.22	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BL	Instrumnet Name :	P8
Client Sample ID :	PBS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:18:32	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.06	0.03	67.01	ppb
Lead	207-1	0.05	0.04	0.06	0.05	17.89	ppb
Lead	208-1	0.04	0.03	0.06	0.04	38.03	ppb
Lithium	6-1				113		%
Magnesium	24-2	0.37	0.52	1.21	0.70	63.92	ppb
Manganese	55-2	-0.02	0.00	-0.04	-0.02		ppb
Molybdenum	94-1	0.04	0.03	0.06	0.04	28.90	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	46.14	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.02	39.88	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	103.26	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	20.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-29.30	-23.43	-8.35	-20.36		ppb
Potassium	39-2	-7.45	-1.90	-7.72	-5.69		ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				116		%
Selenium	82-1	-1.10	0.30	1.49	0.23	564.45	ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-1.28	-0.16	0.58	-0.29		ppb
Silicon	28-1	-0.12	0.23	6.20	2.10	168.97	ppb
Silver	107-1	0.02	0.03	0.02	0.02	24.68	ppb
Silver	109-1	0.02	0.03	0.02	0.02	27.79	ppb
Sodium	23-2	10.53	11.98	13.06	11.86	10.70	ppb
Strontium	86-1	-0.19	-0.16	0.31	-0.01		ppb
Strontium	88-1	0.04	0.04	0.03	0.04	9.99	ppb
Sulfur	34-1	-207.27	-30.86	374.03	45.30	657.91	ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.05	0.06	0.05	0.06	12.66	ppb
Thallium	205-1	0.05	0.07	0.07	0.06	17.32	ppb
Tin	118-1	0.12	0.06	0.11	0.09	29.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BL	Instrumnet Name :	P8
Client Sample ID :	PBS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:18:32	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.01	0.07	0.02	251.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	298.05	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	0.01	-0.11	-0.08	-0.06		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	144.60	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BS	Instrumnet Name :	P8
Client Sample ID :	LCS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:21:35	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.18	36.56	39.13	38.96	5.95	ppb
Antimony	121-1	3.84	3.72	3.75	3.77	1.71	ppb
Arsenic	75-2	2.13	1.89	2.07	2.03	6.11	ppb
Barium	135-1	18.76	18.68	17.65	18.36	3.38	ppb
Barium	137-1	19.04	18.65	18.71	18.80	1.12	ppb
Beryllium	9-1	2.07	1.93	2.00	2.00	3.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	46.94	47.17	50.43	48.18	4.05	ppb
Boron	11-1	50.70	50.70	54.28	51.89	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	2.08	1.98	1.95	2.00	3.35	ppb
Cadmium	106-1	2.78	0.79	1.93	1.83	54.46	ppb
Cadmium	108-1	1.69	1.54	1.65	1.63	4.96	ppb
Calcium	43-1	1199.47	1179.07	1150.30	1176.28	2.10	ppb
Calcium	44-1	1076.20	1051.62	1039.51	1055.78	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.73	3.66	3.75	2.58	ppb
Cobalt	59-2	2.05	1.91	1.88	1.95	4.56	ppb
Copper	63-2	4.22	3.92	3.98	4.04	3.94	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				111		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	54-2	386.75	402.90	405.44	398.36	2.55	ppb
Iron	56-2	386.49	371.93	387.05	381.83	2.25	ppb
Iron	57-2	387.23	378.86	389.22	385.10	1.43	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BS	Instrumnet Name :	P8
Client Sample ID :	LCS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:21:35	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.97	1.78	1.66	1.80	8.82	ppb
Lead	207-1	1.90	1.88	1.83	1.87	1.72	ppb
Lead	208-1	1.91	1.82	1.75	1.83	4.50	ppb
Lithium	6-1				117		%
Magnesium	24-2	969.28	963.76	945.52	959.52	1.30	ppb
Manganese	55-2	1.96	1.88	1.83	1.89	3.45	ppb
Molybdenum	94-1	10.32	10.30	9.77	10.13	3.08	ppb
Molybdenum	95-1	8.53	8.48	8.31	8.44	1.37	ppb
Molybdenum	96-1	8.69	8.53	8.45	8.56	1.43	ppb
Molybdenum	97-1	8.31	8.41	7.96	8.23	2.85	ppb
Molybdenum	98-1	8.41	8.35	8.12	8.29	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.03	2.08	2.10	3.68	ppb
Phosphorus	31-2	-4.53	1.96	-5.25	-2.61		ppb
Potassium	39-2	881.50	899.84	886.94	889.43	1.06	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	10.18	10.14	9.56	9.96	3.49	ppb
Selenium	77-2	4.96	7.10	10.54	7.53	37.40	ppb
Selenium	78-2	9.85	7.82	10.34	9.34	14.27	ppb
Silicon	28-1	20.99	27.58	18.96	22.51	20.00	ppb
Silver	107-1	1.95	1.99	1.96	1.97	1.22	ppb
Silver	109-1	1.91	1.90	1.97	1.93	2.03	ppb
Sodium	23-2	972.32	946.15	952.12	956.86	1.43	ppb
Strontium	86-1	376.48	365.98	359.80	367.42	2.29	ppb
Strontium	88-1	363.41	358.90	345.33	355.88	2.64	ppb
Sulfur	34-1	46.65	-61.60	-112.01	-42.32		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	1.98	1.84	1.62	1.81	10.00	ppb
Thallium	205-1	1.98	1.93	1.83	1.91	4.03	ppb
Tin	118-1	0.02	0.01	0.02	0.02	27.16	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BS	Instrumnet Name :	P8
Client Sample ID :	LCS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:21:35	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.61	9.71	9.83	9.72	1.11	ppb
Uranium	238-1	1.85	1.76	1.70	1.77	4.14	ppb
Vanadium	51-2	9.85	9.25	8.92	9.34	5.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				113		%
Zinc	66-2	9.97	10.01	10.63	10.20	3.62	ppb
Zirconium	90-1	1.88	1.87	1.82	1.86	1.93	ppb
Zirconium	91-1	1.87	1.92	1.75	1.85	4.81	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01RE	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:24:40	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17225.11	20961.48	18023.47	18736.69	10.50	ppb
Antimony	121-1	1.09	1.21	1.21	1.17	6.21	ppb
Arsenic	75-2	1590.42	1922.27	1685.66	1732.78	9.86	ppb
Barium	135-1	243.28	248.66	257.28	249.74	2.83	ppb
Barium	137-1	242.65	253.00	264.63	253.43	4.34	ppb
Beryllium	9-1	0.40	0.35	0.39	0.38	6.63	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	8.13	8.10	8.31	8.18	1.40	ppb
Boron	11-1	9.10	8.96	8.79	8.95	1.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.21	0.23	0.23	9.47	ppb
Cadmium	106-1	0.15	0.55	0.23	0.31	69.25	ppb
Cadmium	108-1	0.60	1.10	0.76	0.82	31.01	ppb
Calcium	43-1	6880.70	7114.96	7209.55	7068.41	2.40	ppb
Calcium	44-1	6838.93	7222.30	7255.77	7105.66	3.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.99	42.81	35.61	37.80	11.49	ppb
Cobalt	59-2	24.06	29.32	25.08	26.15	10.67	ppb
Copper	63-2	104.88	125.39	109.57	113.28	9.49	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				116		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				106		%
Iron	54-2	68690.52	82508.73	70062.21	73753.82	10.32	ppb
Iron	56-2	69339.33	81052.61	68751.32	73047.75	9.50	ppb
Iron	57-2	70422.26	82192.16	71392.60	74669.01	8.75	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01RE	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:24:40	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	495.06	506.70	532.16	511.30	3.71	ppb
Lead	207-1	461.39	482.93	502.63	482.32	4.28	ppb
Lead	208-1	477.55	492.39	510.41	493.45	3.33	ppb
Lithium	6-1				123		%
Magnesium	24-2	12283.49	14796.25	12513.26	13197.67	10.53	ppb
Manganese	55-2	924.63	1099.14	947.74	990.50	9.57	ppb
Molybdenum	94-1	12.17	12.45	13.06	12.56	3.61	ppb
Molybdenum	95-1	11.09	11.51	11.45	11.35	1.99	ppb
Molybdenum	96-1	12.33	13.06	13.00	12.79	3.18	ppb
Molybdenum	97-1	10.91	11.39	12.11	11.47	5.24	ppb
Molybdenum	98-1	10.50	11.34	11.70	11.18	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.87	32.94	28.12	29.65	9.64	ppb
Phosphorus	31-2	1254.67	1444.89	1425.57	1375.04	7.61	ppb
Potassium	39-2	2117.05	2588.19	2177.26	2294.17	11.18	ppb
Rhodium	103-1				115		%
Rhodium	103-2				106		%
Scandium	45-1				126		%
Scandium	45-2				112		%
Selenium	82-1	6.70	6.82	6.55	6.69	1.99	ppb
Selenium	77-2	13.77	19.74	13.98	15.83	21.40	ppb
Selenium	78-2	7.29	9.61	7.04	7.98	17.76	ppb
Silicon	28-1	2878.46	2970.96	2960.73	2936.72	1.73	ppb
Silver	107-1	2.76	2.87	3.01	2.88	4.46	ppb
Silver	109-1	2.74	2.86	2.87	2.82	2.58	ppb
Sodium	23-2	614.60	765.50	637.66	672.59	12.09	ppb
Strontium	86-1	146.06	155.11	153.72	151.63	3.21	ppb
Strontium	88-1	142.11	145.85	150.16	146.04	2.76	ppb
Sulfur	34-1	5772.91	6168.84	6341.39	6094.38	4.78	ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.42	0.44	0.39	18.14	ppb
Thallium	205-1	0.35	0.41	0.43	0.40	10.22	ppb
Tin	118-1	4.21	4.09	4.45	4.25	4.29	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01RE	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:24:40	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	573.21	589.59	596.16	586.32	2.02	ppb
Uranium	238-1	1.28	1.38	1.32	1.32	3.70	ppb
Vanadium	51-2	89.88	106.35	91.97	96.06	9.33	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	244.20	291.16	260.45	265.27	8.99	ppb
Zirconium	90-1	1.70	1.70	1.77	1.72	2.42	ppb
Zirconium	91-1	1.81	1.95	2.03	1.93	5.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:27:35	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25809.47	25964.31	24237.28	25337.02	3.77	ppb
Antimony	121-1	1.22	1.22	1.29	1.24	3.15	ppb
Arsenic	75-2	1164.65	1187.06	1105.06	1152.26	3.68	ppb
Barium	135-1	207.88	196.73	205.52	203.38	2.89	ppb
Barium	137-1	209.78	201.37	211.75	207.64	2.65	ppb
Beryllium	9-1	0.81	0.76	0.78	0.78	3.15	ppb
Bismuth	209-1				109		%
Bismuth	209-2				117		%
Boron	10-1	7.39	5.97	7.34	6.90	11.62	ppb
Boron	11-1	7.69	7.03	7.70	7.47	5.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.95	1.14	1.01	10.79	ppb
Cadmium	106-1	1.75	2.63	3.82	2.73	37.94	ppb
Cadmium	108-1	1.85	1.82	2.04	1.90	6.41	ppb
Calcium	43-1	9648.38	9616.38	9536.44	9600.40	0.60	ppb
Calcium	44-1	9466.12	9156.07	9374.46	9332.22	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.85	62.52	59.90	62.09	3.24	ppb
Cobalt	59-2	52.10	53.26	49.82	51.73	3.39	ppb
Copper	63-2	157.79	156.86	147.39	154.01	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				114		%
Holmium	165-2				116		%
Indium	115-1				113		%
Indium	115-2				117		%
Iron	54-2	74762.59	78359.17	72031.13	75050.96	4.23	ppb
Iron	56-2	73585.78	75880.93	68597.59	72688.10	5.12	ppb
Iron	57-2	74991.28	75609.38	70081.83	73560.83	4.12	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:27:35	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	190.49	194.88	191.32	192.23	1.21	ppb
Lead	207-1	181.20	184.12	181.89	182.40	0.83	ppb
Lead	208-1	189.23	189.71	188.75	189.23	0.25	ppb
Lithium	6-1				123		%
Magnesium	24-2	17813.31	17501.84	16080.38	17131.84	5.39	ppb
Manganese	55-2	1504.88	1569.00	1434.18	1502.69	4.49	ppb
Molybdenum	94-1	4.66	4.70	4.45	4.60	2.94	ppb
Molybdenum	95-1	3.07	2.95	2.82	2.95	4.22	ppb
Molybdenum	96-1	4.75	4.90	4.64	4.77	2.69	ppb
Molybdenum	97-1	3.02	2.81	2.85	2.89	3.93	ppb
Molybdenum	98-1	3.01	2.86	2.71	2.86	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.70	79.24	75.96	77.96	2.26	ppb
Phosphorus	31-2	1749.57	1734.94	1709.05	1731.18	1.19	ppb
Potassium	39-2	2182.10	2203.95	2128.13	2171.39	1.80	ppb
Rhodium	103-1				112		%
Rhodium	103-2				115		%
Scandium	45-1				121		%
Scandium	45-2				124		%
Selenium	82-1	2.70	4.48	3.23	3.47	26.24	ppb
Selenium	77-2	11.74	14.83	11.83	12.80	13.71	ppb
Selenium	78-2	2.59	2.76	3.77	3.04	20.93	ppb
Silicon	28-1	3347.41	3315.41	3304.08	3322.30	0.68	ppb
Silver	107-1	0.81	0.90	0.82	0.84	5.97	ppb
Silver	109-1	0.88	0.87	0.93	0.89	3.79	ppb
Sodium	23-2	377.41	371.67	348.54	365.87	4.18	ppb
Strontium	86-1	88.98	89.43	85.74	88.05	2.28	ppb
Strontium	88-1	89.39	86.25	84.70	86.78	2.75	ppb
Sulfur	34-1	2913.52	2780.46	2795.64	2829.87	2.57	ppb
Terbium	159-1				115		%
Terbium	159-2				118		%
Thallium	203-1	0.18	0.25	0.25	0.23	18.13	ppb
Thallium	205-1	0.21	0.25	0.22	0.23	8.65	ppb
Tin	118-1	4.43	4.52	4.82	4.59	4.42	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:27:35	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	423.26	428.89	417.05	423.07	1.40	ppb
Uranium	238-1	0.92	0.94	0.90	0.92	1.77	ppb
Vanadium	51-2	123.41	124.46	116.60	121.49	3.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				122		%
Zinc	66-2	810.67	819.36	792.42	807.48	1.70	ppb
Zirconium	90-1	1.06	1.08	1.07	1.07	1.17	ppb
Zirconium	91-1	1.32	1.28	1.23	1.28	3.62	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:30:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11031.40	11223.95	10701.75	10985.70	2.40	ppb
Antimony	121-1	6.74	6.86	6.94	6.85	1.45	ppb
Arsenic	75-2	4264.74	4364.89	4254.32	4294.65	1.42	ppb
Barium	135-1	359.55	359.89	362.48	360.64	0.44	ppb
Barium	137-1	362.00	362.50	373.09	365.86	1.71	ppb
Beryllium	9-1	0.23	0.24	0.21	0.22	6.74	ppb
Bismuth	209-1				117		%
Bismuth	209-2				117		%
Boron	10-1	4.25	4.09	4.30	4.21	2.65	ppb
Boron	11-1	4.69	4.52	4.69	4.64	2.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.28	0.32	0.29	8.38	ppb
Cadmium	106-1	1.51	0.54	1.80	1.29	51.30	ppb
Cadmium	108-1	2.37	2.12	2.33	2.28	5.79	ppb
Calcium	43-1	3508.88	3517.65	3493.43	3506.65	0.35	ppb
Calcium	44-1	3376.80	3404.29	3337.98	3373.02	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.56	19.75	19.12	19.48	1.66	ppb
Cobalt	59-2	12.72	12.83	12.70	12.75	0.52	ppb
Copper	63-2	127.48	129.13	129.14	128.58	0.74	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				114		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	54-2	110291.77	110262.02	107370.68	109308.15	1.54	ppb
Iron	56-2	107586.24	110595.34	106440.43	108207.34	1.98	ppb
Iron	57-2	109769.44	108531.56	106153.34	108151.45	1.70	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:30:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2921.57	3016.53	2912.17	2950.09	1.96	ppb
Lead	207-1	2714.44	2767.81	2840.33	2774.19	2.28	ppb
Lead	208-1	2835.67	2896.80	2910.62	2881.03	1.38	ppb
Lithium	6-1				125		%
Magnesium	24-2	6967.85	7025.15	6817.20	6936.73	1.55	ppb
Manganese	55-2	410.52	410.77	405.07	408.79	0.79	ppb
Molybdenum	94-1	66.66	65.17	64.78	65.54	1.52	ppb
Molybdenum	95-1	73.79	74.47	72.39	73.55	1.45	ppb
Molybdenum	96-1	75.02	75.70	74.08	74.93	1.08	ppb
Molybdenum	97-1	74.95	74.73	72.79	74.16	1.60	ppb
Molybdenum	98-1	73.29	74.64	71.85	73.26	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.38	16.05	14.90	15.44	3.76	ppb
Phosphorus	31-2	1025.63	971.32	961.96	986.30	3.49	ppb
Potassium	39-2	4295.23	4375.66	4315.80	4328.90	0.97	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				122		%
Scandium	45-2				121		%
Selenium	82-1	30.87	29.47	30.21	30.18	2.33	ppb
Selenium	77-2	35.78	33.84	31.45	33.69	6.44	ppb
Selenium	78-2	27.31	31.67	28.06	29.01	8.03	ppb
Silicon	28-1	2354.29	2331.57	2371.48	2352.45	0.85	ppb
Silver	107-1	16.53	17.20	16.86	16.87	2.01	ppb
Silver	109-1	17.62	17.04	16.67	17.11	2.80	ppb
Sodium	23-2	1201.54	1197.06	1149.33	1182.64	2.45	ppb
Strontium	86-1	616.81	637.02	629.30	627.71	1.62	ppb
Strontium	88-1	615.07	608.12	599.79	607.66	1.26	ppb
Sulfur	34-1	18750.97	18573.58	18191.01	18505.19	1.55	ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	0.38	0.34	0.36	0.36	5.37	ppb
Thallium	205-1	0.33	0.37	0.36	0.35	5.61	ppb
Tin	118-1	4.77	4.91	4.81	4.83	1.48	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:30:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	653.58	657.74	654.58	655.30	0.33	ppb
Uranium	238-1	0.27	0.30	0.29	0.29	4.43	ppb
Vanadium	51-2	75.39	77.44	74.67	75.84	1.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				118		%
Zinc	66-2	165.34	163.26	159.42	162.67	1.85	ppb
Zirconium	90-1	3.29	3.05	3.09	3.14	4.03	ppb
Zirconium	91-1	4.04	3.63	3.65	3.78	6.19	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:33:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10782.44	10667.88	10703.79	10718.04	0.55	ppb
Antimony	121-1	6.69	6.63	6.83	6.72	1.50	ppb
Arsenic	75-2	4152.38	4112.68	4157.43	4140.83	0.59	ppb
Barium	135-1	347.68	363.18	368.17	359.68	2.97	ppb
Barium	137-1	360.47	373.97	376.85	370.43	2.36	ppb
Beryllium	9-1	0.26	0.24	0.23	0.24	5.90	ppb
Bismuth	209-1				115		%
Bismuth	209-2				117		%
Boron	10-1	3.58	4.11	4.69	4.13	13.52	ppb
Boron	11-1	4.37	4.37	4.73	4.49	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.27	0.38	0.34	18.87	ppb
Cadmium	106-1	2.23	0.77	1.72	1.57	47.20	ppb
Cadmium	108-1	2.57	3.03	2.72	2.77	8.38	ppb
Calcium	43-1	3456.43	3518.34	3477.17	3483.98	0.90	ppb
Calcium	44-1	3271.00	3402.64	3355.04	3342.89	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.18	20.06	20.32	20.18	0.63	ppb
Cobalt	59-2	12.52	12.55	12.71	12.59	0.82	ppb
Copper	63-2	121.47	120.00	121.94	121.14	0.83	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				114		%
Holmium	165-2				114		%
Indium	115-1				113		%
Indium	115-2				113		%
Iron	54-2	103444.11	100582.03	103383.11	102469.75	1.60	ppb
Iron	56-2	101930.27	100556.16	104673.86	102386.76	2.05	ppb
Iron	57-2	101179.82	102825.40	100064.75	101356.66	1.37	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:33:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2880.32	2783.63	2917.84	2860.60	2.42	ppb
Lead	207-1	2708.18	2617.45	2754.36	2693.33	2.59	ppb
Lead	208-1	2758.35	2698.15	2818.39	2758.30	2.18	ppb
Lithium	6-1				121		%
Magnesium	24-2	6824.17	7009.09	6933.05	6922.10	1.34	ppb
Manganese	55-2	398.05	395.57	395.78	396.47	0.35	ppb
Molybdenum	94-1	62.07	62.24	65.64	63.32	3.18	ppb
Molybdenum	95-1	69.89	68.67	73.29	70.62	3.39	ppb
Molybdenum	96-1	69.63	69.75	75.00	71.46	4.29	ppb
Molybdenum	97-1	69.34	69.29	71.99	70.21	2.20	ppb
Molybdenum	98-1	69.61	68.04	70.55	69.40	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.93	15.08	15.24	15.08	1.04	ppb
Phosphorus	31-2	1010.49	1025.29	1121.51	1052.43	5.73	ppb
Potassium	39-2	4045.86	4047.84	4088.70	4060.80	0.60	ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				119		%
Scandium	45-2				121		%
Selenium	82-1	27.82	27.88	30.24	28.65	4.81	ppb
Selenium	77-2	28.99	43.00	36.37	36.12	19.40	ppb
Selenium	78-2	30.29	29.18	32.06	30.51	4.75	ppb
Silicon	28-1	2503.61	2528.59	2498.30	2510.17	0.64	ppb
Silver	107-1	15.89	16.61	16.73	16.41	2.76	ppb
Silver	109-1	15.97	16.20	16.63	16.26	2.06	ppb
Sodium	23-2	1099.70	1091.59	1112.26	1101.18	0.95	ppb
Strontium	86-1	594.59	582.87	612.65	596.70	2.51	ppb
Strontium	88-1	572.64	581.30	610.10	588.01	3.34	ppb
Sulfur	34-1	16958.12	17650.99	18430.11	17679.74	4.17	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.34	0.32	0.39	0.35	10.07	ppb
Thallium	205-1	0.36	0.34	0.39	0.36	6.00	ppb
Tin	118-1	4.77	4.81	4.96	4.85	2.12	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:33:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	618.31	622.48	631.38	624.05	1.07	ppb
Uranium	238-1	0.31	0.26	0.31	0.29	10.06	ppb
Vanadium	51-2	72.77	72.21	71.68	72.22	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	157.16	158.83	162.24	159.41	1.62	ppb
Zirconium	90-1	2.92	2.97	3.01	2.96	1.52	ppb
Zirconium	91-1	3.55	3.65	3.52	3.57	1.78	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:36:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17170.64	17262.10	16764.78	17065.84	1.55	ppb
Antimony	121-1	1.15	1.19	1.24	1.19	3.67	ppb
Arsenic	75-2	1622.77	1656.03	1613.50	1630.77	1.37	ppb
Barium	135-1	249.30	255.88	252.25	252.48	1.31	ppb
Barium	137-1	253.10	260.94	257.86	257.30	1.54	ppb
Beryllium	9-1	0.40	0.40	0.38	0.39	3.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Boron	10-1	3.12	3.63	3.44	3.40	7.57	ppb
Boron	11-1	3.37	3.86	3.76	3.67	7.05	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.23	0.27	0.27	15.10	ppb
Cadmium	106-1	0.36	-0.13	0.08	0.11	235.52	ppb
Cadmium	108-1	0.48	0.90	0.53	0.63	36.35	ppb
Calcium	43-1	6988.74	7268.10	7310.71	7189.18	2.43	ppb
Calcium	44-1	7021.88	7221.09	7133.33	7125.44	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.13	35.73	34.38	35.08	1.93	ppb
Cobalt	59-2	24.26	24.69	23.83	24.26	1.79	ppb
Copper	63-2	105.19	106.28	104.82	105.43	0.72	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				112		%
Indium	115-1				113		%
Indium	115-2				114		%
Iron	54-2	67674.49	69925.97	66270.73	67957.06	2.71	ppb
Iron	56-2	66291.25	66794.71	65822.92	66302.96	0.73	ppb
Iron	57-2	67516.31	67777.00	66301.16	67198.16	1.17	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:36:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	514.08	533.32	528.99	525.46	1.92	ppb
Lead	207-1	481.36	495.24	493.83	490.15	1.56	ppb
Lead	208-1	491.67	505.95	509.36	502.33	1.87	ppb
Lithium	6-1				120		%
Magnesium	24-2	12189.46	12473.49	11870.28	12177.74	2.48	ppb
Manganese	55-2	906.88	916.35	881.79	901.68	1.98	ppb
Molybdenum	94-1	12.62	12.58	12.39	12.53	0.99	ppb
Molybdenum	95-1	11.47	11.60	10.94	11.33	3.07	ppb
Molybdenum	96-1	14.02	13.03	12.98	13.34	4.38	ppb
Molybdenum	97-1	11.14	11.00	11.72	11.29	3.40	ppb
Molybdenum	98-1	11.23	11.32	11.40	11.31	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.41	26.58	25.91	26.30	1.31	ppb
Phosphorus	31-2	1238.90	1252.34	1089.42	1193.55	7.58	ppb
Potassium	39-2	2100.98	2108.74	2007.88	2072.54	2.71	ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	7.18	7.02	6.71	6.97	3.41	ppb
Selenium	77-2	18.48	13.71	11.40	14.53	24.82	ppb
Selenium	78-2	7.34	7.98	4.29	6.54	30.14	ppb
Silicon	28-1	2963.05	3064.67	3000.81	3009.51	1.71	ppb
Silver	107-1	2.91	3.04	2.85	2.93	3.35	ppb
Silver	109-1	2.81	2.88	2.94	2.87	2.31	ppb
Sodium	23-2	621.66	630.33	601.51	617.84	2.39	ppb
Strontium	86-1	150.78	151.86	151.23	151.29	0.36	ppb
Strontium	88-1	148.56	148.39	147.33	148.09	0.45	ppb
Sulfur	34-1	5231.67	5639.41	5683.00	5518.03	4.51	ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	0.18	0.19	0.20	0.19	3.37	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	0.51	ppb
Tin	118-1	4.25	4.44	4.36	4.35	2.24	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:36:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	575.93	593.74	593.51	587.73	1.74	ppb
Uranium	238-1	1.35	1.39	1.31	1.35	2.72	ppb
Vanadium	51-2	89.08	87.78	88.07	88.31	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				117		%
Zinc	66-2	247.16	247.27	239.15	244.53	1.90	ppb
Zirconium	90-1	1.68	1.74	1.67	1.70	2.13	ppb
Zirconium	91-1	1.93	1.96	1.86	1.92	2.65	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-05	Instrumnet Name :	P8
Client Sample ID :	YB6X6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:39:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23052.59	19222.33	17990.59	20088.50	13.14	ppb
Antimony	121-1	0.76	0.82	0.68	0.75	8.75	ppb
Arsenic	75-2	434.88	372.15	350.61	385.88	11.35	ppb
Barium	135-1	148.15	150.48	150.59	149.74	0.92	ppb
Barium	137-1	151.57	157.15	151.94	153.56	2.03	ppb
Beryllium	9-1	0.35	0.31	0.35	0.34	7.88	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	3.14	2.75	3.06	2.98	6.81	ppb
Boron	11-1	3.23	3.44	3.56	3.41	4.89	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.00	-0.04	0.07	225.95	ppb
Cadmium	106-1	3.17	-0.60	-0.61	0.65	333.05	ppb
Cadmium	108-1	4.17	4.12	3.97	4.09	2.54	ppb
Calcium	43-1	6116.89	6202.01	6106.43	6141.78	0.85	ppb
Calcium	44-1	6119.92	6154.32	5979.63	6084.62	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.52	27.22	26.53	29.09	13.24	ppb
Cobalt	59-2	26.45	22.29	21.13	23.29	12.01	ppb
Copper	63-2	106.75	90.52	83.53	93.60	12.73	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				105		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	54-2	66243.54	54719.51	51590.48	57517.84	13.42	ppb
Iron	56-2	66256.92	54196.13	52221.74	57558.27	13.20	ppb
Iron	57-2	67958.23	55176.67	52882.55	58672.48	13.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-05	Instrumnet Name :	P8
Client Sample ID :	YB6X6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:39:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	59.15	56.78	57.72	57.88	2.06	ppb
Lead	207-1	56.08	55.45	54.75	55.43	1.20	ppb
Lead	208-1	58.01	56.49	55.57	56.69	2.17	ppb
Lithium	6-1				122		%
Magnesium	24-2	18383.80	15010.06	13888.84	15760.90	14.84	ppb
Manganese	55-2	1315.53	1114.67	1044.81	1158.34	12.13	ppb
Molybdenum	94-1	4.77	4.98	5.03	4.93	2.75	ppb
Molybdenum	95-1	3.66	3.34	3.29	3.43	5.88	ppb
Molybdenum	96-1	4.81	4.71	4.63	4.72	1.88	ppb
Molybdenum	97-1	3.69	3.60	3.57	3.62	1.79	ppb
Molybdenum	98-1	3.51	3.44	3.44	3.46	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.18	24.81	23.86	26.29	12.97	ppb
Phosphorus	31-2	1647.41	1472.81	1324.51	1481.58	10.91	ppb
Potassium	39-2	1554.45	1271.13	1212.57	1346.05	13.58	ppb
Rhodium	103-1				115		%
Rhodium	103-2				103		%
Scandium	45-1				123		%
Scandium	45-2				109		%
Selenium	82-1	0.37	1.38	2.43	1.40	73.70	ppb
Selenium	77-2	12.36	8.07	7.74	9.39	27.43	ppb
Selenium	78-2	3.95	1.59	2.63	2.72	43.53	ppb
Silicon	28-1	2484.79	2488.08	2387.14	2453.33	2.34	ppb
Silver	107-1	0.35	0.33	0.33	0.34	2.90	ppb
Silver	109-1	0.36	0.33	0.36	0.35	4.21	ppb
Sodium	23-2	430.62	352.00	328.07	370.23	14.49	ppb
Strontium	86-1	49.07	48.08	49.71	48.96	1.68	ppb
Strontium	88-1	48.47	47.93	48.91	48.44	1.01	ppb
Sulfur	34-1	1446.54	1577.87	1401.30	1475.24	6.22	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.09	0.07	0.08	18.01	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	14.06	ppb
Tin	118-1	2.11	2.13	2.01	2.08	3.05	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-05	Instrumnet Name :	P8
Client Sample ID :	YB6X6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:39:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	328.31	333.31	320.17	327.26	2.03	ppb
Uranium	238-1	0.56	0.53	0.58	0.55	4.36	ppb
Vanadium	51-2	70.06	57.93	55.26	61.08	12.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				108		%
Zinc	66-2	399.38	340.69	329.73	356.60	10.50	ppb
Zirconium	90-1	0.99	1.01	1.02	1.00	1.59	ppb
Zirconium	91-1	1.09	1.06	1.02	1.06	3.34	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-06	Instrumnet Name :	P8
Client Sample ID :	YB6X7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:42:23	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15734.17	15767.07	15751.27	15750.84	0.10	ppb
Antimony	121-1	1.02	1.00	0.97	0.99	2.42	ppb
Arsenic	75-2	196.17	205.12	199.71	200.33	2.25	ppb
Barium	135-1	114.85	110.89	114.19	113.31	1.87	ppb
Barium	137-1	116.53	114.06	118.75	116.45	2.01	ppb
Beryllium	9-1	0.33	0.27	0.38	0.33	16.93	ppb
Bismuth	209-1				113		%
Bismuth	209-2				114		%
Boron	10-1	3.13	3.04	3.24	3.14	3.32	ppb
Boron	11-1	3.78	3.43	4.03	3.75	8.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.18	0.14	0.21	45.17	ppb
Cadmium	106-1	0.39	-0.93	-0.90	-0.48		ppb
Cadmium	108-1	1.51	1.26	1.53	1.43	10.80	ppb
Calcium	43-1	7398.94	7396.77	7595.52	7463.74	1.53	ppb
Calcium	44-1	7369.63	7449.20	7260.99	7359.94	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.92	24.25	23.86	24.01	0.89	ppb
Cobalt	59-2	17.45	17.41	17.31	17.39	0.42	ppb
Copper	63-2	56.51	56.72	56.65	56.63	0.19	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				113		%
Indium	115-1				116		%
Indium	115-2				114		%
Iron	54-2	39827.97	40636.33	40106.37	40190.22	1.02	ppb
Iron	56-2	39374.11	38177.62	39708.71	39086.81	2.06	ppb
Iron	57-2	39697.99	38147.31	39534.53	39126.61	2.18	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-06	Instrumnet Name :	P8
Client Sample ID :	YB6X7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:42:23	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.75	35.24	36.14	35.71	1.27	ppb
Lead	207-1	33.65	35.03	34.80	34.49	2.13	ppb
Lead	208-1	34.53	35.28	35.68	35.16	1.66	ppb
Lithium	6-1				122		%
Magnesium	24-2	13367.15	13376.99	12372.27	13038.80	4.43	ppb
Manganese	55-2	1094.42	1071.93	1072.81	1079.72	1.18	ppb
Molybdenum	94-1	3.74	3.69	3.48	3.64	3.69	ppb
Molybdenum	95-1	2.11	2.11	2.17	2.13	1.72	ppb
Molybdenum	96-1	3.04	3.22	3.11	3.12	2.88	ppb
Molybdenum	97-1	2.13	2.11	1.92	2.06	5.60	ppb
Molybdenum	98-1	2.10	2.02	2.06	2.06	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.75	24.05	24.30	24.37	1.46	ppb
Phosphorus	31-2	1329.91	1265.62	1243.59	1279.71	3.50	ppb
Potassium	39-2	1072.84	1086.57	1097.38	1085.60	1.13	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	0.82	0.89	0.33	0.68	45.07	ppb
Selenium	77-2	4.00	6.39	5.66	5.35	22.88	ppb
Selenium	78-2	1.45	2.18	1.33	1.65	27.82	ppb
Silicon	28-1	2541.47	2513.91	2537.42	2530.94	0.59	ppb
Silver	107-1	0.23	0.23	0.21	0.22	3.53	ppb
Silver	109-1	0.23	0.24	0.24	0.24	1.27	ppb
Sodium	23-2	285.30	293.08	273.07	283.82	3.55	ppb
Strontium	86-1	26.08	26.05	26.02	26.05	0.12	ppb
Strontium	88-1	25.87	25.85	26.58	26.10	1.60	ppb
Sulfur	34-1	-854.92	-853.76	-788.15	-832.28		ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	0.07	0.05	0.08	0.06	26.50	ppb
Thallium	205-1	0.07	0.08	0.05	0.07	21.66	ppb
Tin	118-1	4.16	4.21	4.33	4.23	2.08	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-06	Instrumnet Name :	P8
Client Sample ID :	YB6X7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:42:23	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	254.29	259.91	257.44	257.21	1.09	ppb
Uranium	238-1	0.30	0.34	0.33	0.32	5.10	ppb
Vanadium	51-2	43.96	44.07	44.23	44.09	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				117		%
Zinc	66-2	430.54	423.65	426.69	426.96	0.81	ppb
Zirconium	90-1	1.01	1.00	1.01	1.01	0.69	ppb
Zirconium	91-1	0.99	0.98	0.95	0.97	1.86	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:45:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29344.52	29162.85	39430.49	32645.95	18.00	ppb
Antimony	121-1	1.11	0.99	1.11	1.07	6.72	ppb
Arsenic	75-2	1779.09	1757.75	2389.15	1975.33	18.15	ppb
Barium	135-1	258.83	221.40	252.48	244.23	8.20	ppb
Barium	137-1	262.40	227.54	256.18	248.70	7.48	ppb
Beryllium	9-1	0.97	0.84	1.03	0.94	10.42	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	2.38	2.06	2.75	2.40	14.42	ppb
Boron	11-1	2.52	2.15	2.83	2.50	13.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	0.56	0.54	0.55	1.54	ppb
Cadmium	106-1	0.12	0.58	0.83	0.51	70.53	ppb
Cadmium	108-1	1.22	1.41	1.24	1.29	8.14	ppb
Calcium	43-1	9806.50	8647.05	9946.27	9466.61	7.53	ppb
Calcium	44-1	9527.87	8371.17	9723.61	9207.55	7.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.58	50.60	66.98	56.05	16.88	ppb
Cobalt	59-2	43.17	42.81	58.54	48.17	18.63	ppb
Copper	63-2	179.39	178.52	242.80	200.23	18.41	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				118		%
Holmium	165-2				104		%
Indium	115-1				118		%
Indium	115-2				102		%
Iron	54-2	98935.81	100308.72	134480.24	111241.59	18.10	ppb
Iron	56-2	97942.02	99197.02	128780.59	108639.88	16.07	ppb
Iron	57-2	98111.63	101161.40	133483.83	110918.95	17.67	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:45:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	166.73	144.68	165.04	158.82	7.73	ppb
Lead	207-1	156.32	138.20	158.98	151.16	7.48	ppb
Lead	208-1	164.26	145.52	164.01	157.93	6.81	ppb
Lithium	6-1				125		%
Magnesium	24-2	18688.57	18693.07	25243.90	20875.18	18.12	ppb
Manganese	55-2	1554.85	1573.55	2087.79	1738.73	17.39	ppb
Molybdenum	94-1	7.76	7.16	8.00	7.64	5.65	ppb
Molybdenum	95-1	3.61	3.17	3.80	3.53	9.24	ppb
Molybdenum	96-1	6.17	5.69	6.59	6.15	7.37	ppb
Molybdenum	97-1	3.80	3.41	3.99	3.73	8.01	ppb
Molybdenum	98-1	3.68	3.23	3.85	3.59	8.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.43	50.65	67.82	56.64	17.12	ppb
Phosphorus	31-2	1683.48	1638.38	2139.30	1820.39	15.22	ppb
Potassium	39-2	2461.56	2478.18	3395.78	2778.51	19.24	ppb
Rhodium	103-1				116		%
Rhodium	103-2				103		%
Scandium	45-1				125		%
Scandium	45-2				112		%
Selenium	82-1	2.29	1.07	3.30	2.22	50.41	ppb
Selenium	77-2	15.53	12.65	13.04	13.74	11.37	ppb
Selenium	78-2	6.25	5.72	7.12	6.37	11.11	ppb
Silicon	28-1	3759.07	3352.82	3810.10	3640.66	6.88	ppb
Silver	107-1	0.74	0.67	0.74	0.72	5.79	ppb
Silver	109-1	0.72	0.68	0.77	0.72	6.11	ppb
Sodium	23-2	284.36	271.52	377.52	311.13	18.59	ppb
Strontium	86-1	89.32	75.88	94.46	86.55	11.09	ppb
Strontium	88-1	88.25	76.68	89.53	84.82	8.35	ppb
Sulfur	34-1	1193.63	424.43	1273.73	963.93	48.65	ppb
Terbium	159-1				117		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.14	0.15	0.15	2.62	ppb
Thallium	205-1	0.17	0.12	0.16	0.15	16.71	ppb
Tin	118-1	2.33	1.93	2.30	2.19	10.30	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:45:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	655.44	587.80	674.13	639.12	7.11	ppb
Uranium	238-1	1.10	0.96	1.12	1.06	8.10	ppb
Vanadium	51-2	163.19	164.08	219.02	182.10	17.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				109		%
Zinc	66-2	299.60	291.71	397.02	329.44	17.81	ppb
Zirconium	90-1	2.58	2.10	2.65	2.44	12.37	ppb
Zirconium	91-1	2.60	2.25	2.90	2.58	12.64	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-08	Instrumnet Name :	P8
Client Sample ID :	YB6X9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:48:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38680.66	42001.45	39788.30	40156.81	4.21	ppb
Antimony	121-1	0.91	0.92	0.88	0.90	2.62	ppb
Arsenic	75-2	280.09	299.44	280.37	286.64	3.87	ppb
Barium	135-1	335.25	348.98	336.71	340.31	2.22	ppb
Barium	137-1	341.46	357.23	334.58	344.43	3.37	ppb
Beryllium	9-1	1.71	1.86	1.89	1.82	5.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	4.32	4.19	4.42	4.31	2.67	ppb
Boron	11-1	4.61	4.76	4.96	4.78	3.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.50	0.53	0.71	0.58	19.50	ppb
Cadmium	106-1	0.96	0.92	2.90	1.59	70.64	ppb
Cadmium	108-1	0.99	1.65	1.58	1.41	25.89	ppb
Calcium	43-1	10198.26	10247.65	10045.30	10163.74	1.04	ppb
Calcium	44-1	9838.91	10001.49	9790.61	9877.00	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.80	31.56	30.89	30.75	2.89	ppb
Cobalt	59-2	50.45	54.44	50.46	51.78	4.44	ppb
Copper	63-2	199.60	217.13	200.42	205.72	4.81	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				108		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	134886.13	144769.44	133318.32	137657.96	4.51	ppb
Iron	56-2	132856.05	143713.54	131141.21	135903.60	5.02	ppb
Iron	57-2	131108.63	143330.77	130776.47	135071.96	5.30	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-08	Instrumnet Name :	P8
Client Sample ID :	YB6X9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:48:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	123.73	122.95	122.99	123.22	0.36	ppb
Lead	207-1	122.34	119.83	117.75	119.97	1.92	ppb
Lead	208-1	122.33	121.23	119.71	121.09	1.08	ppb
Lithium	6-1				122		%
Magnesium	24-2	17516.18	19399.83	18037.22	18317.74	5.31	ppb
Manganese	55-2	2809.74	2977.62	2739.99	2842.45	4.30	ppb
Molybdenum	94-1	9.89	9.88	9.55	9.77	1.99	ppb
Molybdenum	95-1	2.35	2.33	2.38	2.35	1.20	ppb
Molybdenum	96-1	5.95	5.67	5.87	5.83	2.43	ppb
Molybdenum	97-1	2.32	2.19	2.10	2.20	5.17	ppb
Molybdenum	98-1	2.09	2.14	2.18	2.14	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.77	29.81	28.00	28.53	3.92	ppb
Phosphorus	31-2	2858.96	2966.91	2899.12	2908.33	1.88	ppb
Potassium	39-2	6178.88	6891.56	6339.06	6469.83	5.78	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				121		%
Scandium	45-2				117		%
Selenium	82-1	0.60	2.16	1.12	1.29	61.59	ppb
Selenium	77-2	30.22	39.89	24.08	31.40	25.38	ppb
Selenium	78-2	6.06	4.18	3.08	4.44	34.01	ppb
Silicon	28-1	3226.30	3241.10	3238.26	3235.22	0.24	ppb
Silver	107-1	0.46	0.51	0.48	0.48	4.76	ppb
Silver	109-1	0.49	0.47	0.47	0.48	2.99	ppb
Sodium	23-2	139.73	153.99	143.99	145.90	5.02	ppb
Strontium	86-1	76.24	76.43	74.64	75.77	1.29	ppb
Strontium	88-1	75.19	74.12	73.96	74.42	0.90	ppb
Sulfur	34-1	-447.63	-306.50	-358.94	-371.02		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.18	0.19	0.19	10.13	ppb
Thallium	205-1	0.15	0.16	0.18	0.16	8.83	ppb
Tin	118-1	2.80	2.88	2.77	2.82	2.15	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-08	Instrumnet Name :	P8
Client Sample ID :	YB6X9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:48:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1518.37	1561.68	1506.93	1529.00	1.89	ppb
Uranium	238-1	1.68	1.71	1.64	1.68	2.12	ppb
Vanadium	51-2	273.69	295.74	278.37	282.60	4.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				115		%
Zinc	66-2	339.42	371.08	349.31	353.27	4.58	ppb
Zirconium	90-1	4.05	4.05	4.01	4.04	0.62	ppb
Zirconium	91-1	4.00	3.86	4.00	3.95	1.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-09	Instrumnet Name :	P8
Client Sample ID :	YB6Y0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:51:12	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24639.47	24586.83	24675.21	24633.84	0.18	ppb
Antimony	121-1	0.43	0.52	0.54	0.50	12.27	ppb
Arsenic	75-2	159.16	159.66	155.09	157.97	1.59	ppb
Barium	135-1	202.13	210.42	202.53	205.03	2.28	ppb
Barium	137-1	201.20	212.65	211.01	208.29	2.97	ppb
Beryllium	9-1	1.18	1.18	1.27	1.21	4.47	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	2.10	2.30	2.45	2.28	7.55	ppb
Boron	11-1	2.27	2.56	2.98	2.60	13.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.57	0.31	0.35	60.04	ppb
Cadmium	106-1	-0.99	3.83	0.34	1.06	234.29	ppb
Cadmium	108-1	1.11	0.84	0.89	0.95	15.11	ppb
Calcium	43-1	5269.85	5145.09	5263.04	5225.99	1.34	ppb
Calcium	44-1	5195.87	5160.95	5222.02	5192.94	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.25	66.07	66.42	66.25	0.27	ppb
Cobalt	59-2	32.63	33.14	32.29	32.69	1.31	ppb
Copper	63-2	126.79	129.01	125.99	127.26	1.23	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				111		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	86072.39	82291.86	84695.27	84353.18	2.27	ppb
Iron	56-2	85107.36	83749.41	81233.67	83363.48	2.36	ppb
Iron	57-2	84594.19	85232.93	82616.41	84147.84	1.62	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-09	Instrumnet Name :	P8
Client Sample ID :	YB6Y0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:51:12	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	274.54	267.64	269.14	270.44	1.34	ppb
Lead	207-1	259.58	260.68	255.83	258.70	0.98	ppb
Lead	208-1	269.70	268.51	270.43	269.54	0.36	ppb
Lithium	6-1				120		%
Magnesium	24-2	10301.75	10145.33	10273.23	10240.10	0.81	ppb
Manganese	55-2	1765.56	1683.61	1672.75	1707.31	2.97	ppb
Molybdenum	94-1	5.38	5.21	4.65	5.08	7.55	ppb
Molybdenum	95-1	1.05	1.02	1.00	1.02	2.69	ppb
Molybdenum	96-1	3.10	3.26	3.05	3.14	3.62	ppb
Molybdenum	97-1	0.99	1.07	1.02	1.02	4.35	ppb
Molybdenum	98-1	0.93	0.88	1.01	0.94	6.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.48	17.51	17.10	17.37	1.32	ppb
Phosphorus	31-2	2138.34	2091.97	2046.12	2092.14	2.20	ppb
Potassium	39-2	3613.98	3586.14	3590.77	3596.96	0.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	0.89	1.41	-1.40	0.30	497.95	ppb
Selenium	77-2	13.97	13.20	19.63	15.60	22.51	ppb
Selenium	78-2	2.97	2.28	3.87	3.04	26.22	ppb
Silicon	28-1	3226.54	3166.01	3301.10	3231.22	2.09	ppb
Silver	107-1	0.27	0.27	0.29	0.27	4.33	ppb
Silver	109-1	0.29	0.23	0.24	0.25	12.68	ppb
Sodium	23-2	119.55	116.66	116.60	117.60	1.43	ppb
Strontium	86-1	39.98	39.54	39.35	39.62	0.82	ppb
Strontium	88-1	38.76	40.01	38.76	39.18	1.84	ppb
Sulfur	34-1	-1175.81	-1273.74	-1171.82	-1207.12		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.12	0.09	0.11	17.17	ppb
Thallium	205-1	0.12	0.12	0.10	0.11	9.08	ppb
Tin	118-1	2.09	2.11	2.25	2.15	4.14	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-09	Instrumnet Name :	P8
Client Sample ID :	YB6Y0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:51:12	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1131.05	1110.40	1153.84	1131.76	1.92	ppb
Uranium	238-1	1.08	1.09	1.05	1.07	1.93	ppb
Vanadium	51-2	184.60	182.51	182.84	183.31	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	290.73	282.81	286.39	286.65	1.38	ppb
Zirconium	90-1	2.15	2.19	2.15	2.16	1.02	ppb
Zirconium	91-1	2.30	2.18	2.16	2.21	3.59	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-10	Instrumnet Name :	P8
Client Sample ID :	YB6Y1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:54:08	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31315.07	30364.77	30491.48	30723.77	1.68	ppb
Antimony	121-1	0.38	0.42	0.43	0.41	5.78	ppb
Arsenic	75-2	155.73	150.86	144.26	150.28	3.83	ppb
Barium	135-1	250.67	256.17	261.12	255.99	2.04	ppb
Barium	137-1	250.96	263.80	268.42	261.06	3.47	ppb
Beryllium	9-1	1.57	1.56	1.51	1.55	1.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	1.74	2.25	2.36	2.12	15.58	ppb
Boron	11-1	2.06	2.31	2.23	2.20	5.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.43	0.43	0.37	0.41	8.58	ppb
Cadmium	106-1	2.26	1.29	0.56	1.37	62.04	ppb
Cadmium	108-1	0.64	0.59	0.77	0.67	13.97	ppb
Calcium	43-1	4860.20	5138.95	5142.69	5047.28	3.21	ppb
Calcium	44-1	4944.29	5157.27	5173.59	5091.72	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.74	55.65	54.65	56.68	4.76	ppb
Cobalt	59-2	41.80	39.37	38.12	39.76	4.71	ppb
Copper	63-2	166.63	157.20	151.29	158.37	4.89	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				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	112178.61	104333.95	103250.12	106587.56	4.57	ppb
Iron	56-2	112258.46	101079.28	101382.63	104906.79	6.07	ppb
Iron	57-2	114701.36	103243.98	104596.95	107514.10	5.82	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-10	Instrumnet Name :	P8
Client Sample ID :	YB6Y1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:54:08	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	204.24	211.92	216.63	210.93	2.97	ppb
Lead	207-1	198.05	203.40	207.19	202.88	2.26	ppb
Lead	208-1	206.01	209.01	214.11	209.71	1.95	ppb
Lithium	6-1				118		%
Magnesium	24-2	13303.83	12398.66	12030.93	12577.81	5.21	ppb
Manganese	55-2	2352.17	2195.37	2157.76	2235.10	4.61	ppb
Molybdenum	94-1	5.45	5.60	5.76	5.60	2.76	ppb
Molybdenum	95-1	1.01	0.94	0.95	0.97	3.88	ppb
Molybdenum	96-1	3.41	3.85	3.81	3.69	6.69	ppb
Molybdenum	97-1	0.93	0.93	1.01	0.96	5.12	ppb
Molybdenum	98-1	0.85	0.82	0.84	0.83	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.05	17.78	17.26	18.03	5.09	ppb
Phosphorus	31-2	2701.45	2274.05	2086.28	2353.93	13.39	ppb
Potassium	39-2	4065.21	3889.83	3868.01	3941.01	2.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	0.81	1.51	1.82	1.38	37.70	ppb
Selenium	77-2	20.14	24.54	16.10	20.26	20.83	ppb
Selenium	78-2	3.02	3.00	2.83	2.95	3.45	ppb
Silicon	28-1	3756.65	3986.50	4018.31	3920.49	3.64	ppb
Silver	107-1	0.25	0.32	0.32	0.30	12.32	ppb
Silver	109-1	0.24	0.24	0.24	0.24	1.76	ppb
Sodium	23-2	113.85	103.08	98.14	105.02	7.65	ppb
Strontium	86-1	43.40	44.47	43.76	43.88	1.24	ppb
Strontium	88-1	43.63	45.36	44.83	44.61	1.99	ppb
Sulfur	34-1	-1459.34	-1223.68	-1200.88	-1294.63		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.10	0.12	0.10	10.54	ppb
Thallium	205-1	0.10	0.15	0.14	0.13	17.87	ppb
Tin	118-1	2.03	2.08	2.23	2.12	5.04	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-10	Instrumnet Name :	P8
Client Sample ID :	YB6Y1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:54:08	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1292.15	1395.51	1376.70	1354.79	4.06	ppb
Uranium	238-1	1.32	1.38	1.38	1.36	2.65	ppb
Vanadium	51-2	246.17	229.46	225.34	233.66	4.72	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	249.25	234.48	230.15	237.96	4.21	ppb
Zirconium	90-1	2.38	2.54	2.50	2.47	3.42	ppb
Zirconium	91-1	2.36	2.55	2.54	2.48	4.33	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-11	Instrumnet Name :	P8
Client Sample ID :	YB6Y2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:57:03	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37172.48	35306.17	36048.47	36175.71	2.60	ppb
Antimony	121-1	0.50	0.56	0.57	0.54	6.92	ppb
Arsenic	75-2	68.45	70.19	67.86	68.83	1.76	ppb
Barium	135-1	349.51	354.67	372.36	358.85	3.34	ppb
Barium	137-1	357.99	362.48	380.14	366.87	3.19	ppb
Beryllium	9-1	1.73	1.92	1.95	1.87	6.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	5.86	6.48	6.11	6.15	5.07	ppb
Boron	11-1	6.41	6.75	7.44	6.86	7.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.36	0.49	0.38	27.90	ppb
Cadmium	106-1	-0.36	0.08	1.37	0.36	247.69	ppb
Cadmium	108-1	1.02	0.90	1.07	1.00	8.97	ppb
Calcium	43-1	10804.72	10714.20	10986.82	10835.24	1.28	ppb
Calcium	44-1	10506.65	10364.02	11020.64	10630.44	3.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.60	27.18	27.49	27.42	0.78	ppb
Cobalt	59-2	48.67	49.48	48.50	48.89	1.07	ppb
Copper	63-2	164.52	166.15	163.41	164.69	0.84	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				110		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	122430.62	121757.84	121143.72	121777.39	0.53	ppb
Iron	56-2	121430.49	116035.03	119324.54	118930.02	2.29	ppb
Iron	57-2	120927.04	117792.97	117075.59	118598.53	1.73	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-11	Instrumnet Name :	P8
Client Sample ID :	YB6Y2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:57:03	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	55.13	57.60	56.97	56.57	2.27	ppb
Lead	207-1	52.77	55.93	55.95	54.88	3.34	ppb
Lead	208-1	54.08	56.66	56.21	55.65	2.47	ppb
Lithium	6-1				121		%
Magnesium	24-2	14304.93	14141.07	14042.01	14162.67	0.94	ppb
Manganese	55-2	3269.01	3197.25	3187.77	3218.01	1.38	ppb
Molybdenum	94-1	7.00	7.42	7.41	7.28	3.25	ppb
Molybdenum	95-1	1.01	0.92	1.04	0.99	6.35	ppb
Molybdenum	96-1	3.96	3.74	4.21	3.97	5.94	ppb
Molybdenum	97-1	1.01	1.02	1.08	1.03	3.76	ppb
Molybdenum	98-1	0.83	0.85	0.88	0.85	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.92	18.70	18.32	18.31	2.12	ppb
Phosphorus	31-2	3196.37	2998.82	2791.88	2995.69	6.75	ppb
Potassium	39-2	6153.77	6148.37	6223.11	6175.09	0.67	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	0.13	0.72	1.91	0.92	98.72	ppb
Selenium	77-2	13.69	18.11	24.77	18.86	29.59	ppb
Selenium	78-2	3.10	4.99	1.31	3.13	58.73	ppb
Silicon	28-1	3386.05	3406.94	3503.72	3432.24	1.83	ppb
Silver	107-1	0.22	0.23	0.27	0.24	10.16	ppb
Silver	109-1	0.20	0.26	0.25	0.24	13.74	ppb
Sodium	23-2	122.11	118.87	117.31	119.43	2.05	ppb
Strontium	86-1	60.84	61.44	63.51	61.93	2.27	ppb
Strontium	88-1	61.27	60.88	63.53	61.90	2.31	ppb
Sulfur	34-1	-1155.04	-1100.61	-920.55	-1058.73		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.19	0.13	0.15	0.16	17.73	ppb
Thallium	205-1	0.18	0.13	0.17	0.16	17.60	ppb
Tin	118-1	1.98	2.15	2.18	2.10	4.98	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-11	Instrumnet Name :	P8
Client Sample ID :	YB6Y2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:57:03	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1455.70	1470.72	1518.36	1481.59	2.21	ppb
Uranium	238-1	1.52	1.56	1.62	1.57	3.27	ppb
Vanadium	51-2	269.88	270.44	265.92	268.75	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				113		%
Zinc	66-2	185.80	185.64	182.56	184.67	0.99	ppb
Zirconium	90-1	3.38	3.34	3.49	3.40	2.25	ppb
Zirconium	91-1	3.18	3.33	3.58	3.36	6.04	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-12	Instrumnet Name :	P8
Client Sample ID :	YB6Y3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:00:01	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38388.74	35549.42	35277.20	36405.12	4.73	ppb
Antimony	121-1	0.56	0.52	0.52	0.53	4.86	ppb
Arsenic	75-2	125.01	123.09	122.35	123.48	1.11	ppb
Barium	135-1	373.17	356.68	364.41	364.75	2.26	ppb
Barium	137-1	383.52	370.01	376.66	376.73	1.79	ppb
Beryllium	9-1	1.90	2.00	1.95	1.95	2.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	5.28	6.08	5.98	5.78	7.52	ppb
Boron	11-1	5.64	6.37	6.65	6.22	8.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.37	0.61	0.44	32.77	ppb
Cadmium	106-1	-1.04	0.30	2.67	0.64	291.38	ppb
Cadmium	108-1	0.67	0.75	0.89	0.77	14.71	ppb
Calcium	43-1	9114.84	8995.12	9289.78	9133.25	1.62	ppb
Calcium	44-1	8826.48	9002.15	9133.84	8987.49	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.27	40.93	39.76	40.66	1.94	ppb
Cobalt	59-2	51.88	51.04	49.91	50.94	1.94	ppb
Copper	63-2	157.87	157.74	153.16	156.26	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				109		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	122441.29	120286.18	119725.38	120817.61	1.19	ppb
Iron	56-2	121586.82	122178.55	118088.74	120618.03	1.83	ppb
Iron	57-2	122860.59	114844.04	119126.81	118943.82	3.37	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-12	Instrumnet Name :	P8
Client Sample ID :	YB6Y3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:00:01	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	76.68	78.63	75.09	76.80	2.30	ppb
Lead	207-1	74.48	76.45	72.33	74.42	2.77	ppb
Lead	208-1	74.43	76.96	74.40	75.26	1.95	ppb
Lithium	6-1				119		%
Magnesium	24-2	15057.21	14965.83	14654.92	14892.65	1.42	ppb
Manganese	55-2	3317.59	3273.06	3137.60	3242.75	2.89	ppb
Molybdenum	94-1	7.32	7.00	7.48	7.27	3.31	ppb
Molybdenum	95-1	1.38	1.30	1.34	1.34	3.01	ppb
Molybdenum	96-1	4.41	4.42	4.31	4.38	1.34	ppb
Molybdenum	97-1	1.43	1.21	1.39	1.34	8.66	ppb
Molybdenum	98-1	1.17	1.12	1.22	1.17	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.16	22.82	23.65	23.54	2.89	ppb
Phosphorus	31-2	2581.73	2667.23	2649.07	2632.67	1.71	ppb
Potassium	39-2	7039.20	7060.14	6925.16	7008.17	1.04	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	1.12	0.91	0.76	0.93	19.54	ppb
Selenium	77-2	33.87	22.25	22.27	26.13	25.65	ppb
Selenium	78-2	5.35	4.13	4.48	4.66	13.40	ppb
Silicon	28-1	3388.87	3493.20	3514.16	3465.41	1.94	ppb
Silver	107-1	0.34	0.31	0.29	0.31	7.26	ppb
Silver	109-1	0.34	0.32	0.28	0.31	9.34	ppb
Sodium	23-2	116.74	113.94	115.53	115.40	1.22	ppb
Strontium	86-1	57.40	57.35	58.66	57.81	1.29	ppb
Strontium	88-1	58.68	57.22	58.22	58.04	1.28	ppb
Sulfur	34-1	-833.47	-741.25	-606.20	-726.97		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.20	0.19	0.19	8.65	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	3.14	ppb
Tin	118-1	2.02	1.94	1.98	1.98	1.85	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-12	Instrumnet Name :	P8
Client Sample ID :	YB6Y3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:00:01	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1329.14	1323.55	1351.21	1334.63	1.10	ppb
Uranium	238-1	1.70	1.71	1.69	1.70	0.57	ppb
Vanadium	51-2	248.83	243.59	242.99	245.14	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	196.62	193.11	189.38	193.04	1.87	ppb
Zirconium	90-1	3.20	3.23	3.26	3.23	0.89	ppb
Zirconium	91-1	3.14	3.05	3.15	3.12	1.72	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-13	Instrumnet Name :	P8
Client Sample ID :	YB6Y4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:02:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34734.00	34695.93	33991.65	34473.86	1.21	ppb
Antimony	121-1	0.26	0.24	0.26	0.25	5.08	ppb
Arsenic	75-2	447.64	442.02	438.37	442.68	1.05	ppb
Barium	135-1	380.04	394.98	388.28	387.77	1.93	ppb
Barium	137-1	398.99	403.02	403.82	401.94	0.64	ppb
Beryllium	9-1	1.51	1.60	1.59	1.57	2.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	0.72	0.96	0.82	0.83	13.94	ppb
Boron	11-1	0.91	1.02	0.97	0.97	5.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.14	0.09	0.09	44.60	ppb
Cadmium	106-1	-0.86	0.68	-0.44	-0.21		ppb
Cadmium	108-1	0.36	0.78	0.33	0.49	51.52	ppb
Calcium	43-1	12838.65	13236.27	13065.94	13046.96	1.53	ppb
Calcium	44-1	12748.92	13116.85	12851.62	12905.79	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.06	147.23	142.25	144.85	1.72	ppb
Cobalt	59-2	56.60	57.60	55.86	56.69	1.54	ppb
Copper	63-2	182.43	185.63	178.09	182.05	2.08	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				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	111692.74	109453.15	109215.49	110120.46	1.24	ppb
Iron	56-2	109812.20	109847.38	107733.10	109130.89	1.11	ppb
Iron	57-2	112437.88	111536.25	108243.58	110739.24	1.99	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-13	Instrumnet Name :	P8
Client Sample ID :	YB6Y4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:02:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	78.36	81.43	80.93	80.24	2.05	ppb
Lead	207-1	75.23	78.81	78.42	77.49	2.53	ppb
Lead	208-1	76.78	80.19	79.98	78.98	2.42	ppb
Lithium	6-1				118		%
Magnesium	24-2	17906.47	18326.41	17877.14	18036.67	1.39	ppb
Manganese	55-2	978.36	968.45	951.99	966.27	1.38	ppb
Molybdenum	94-1	4.07	4.14	4.16	4.12	1.19	ppb
Molybdenum	95-1	1.55	1.60	1.56	1.57	1.80	ppb
Molybdenum	96-1	4.00	4.31	4.27	4.19	4.04	ppb
Molybdenum	97-1	1.54	1.52	1.74	1.60	7.55	ppb
Molybdenum	98-1	1.46	1.49	1.37	1.44	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.50	45.41	44.16	45.03	1.66	ppb
Phosphorus	31-2	1141.65	1020.48	1146.31	1102.81	6.47	ppb
Potassium	39-2	1904.15	1943.46	1891.14	1912.92	1.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				119		%
Scandium	45-2				118		%
Selenium	82-1	1.35	1.54	2.07	1.65	22.67	ppb
Selenium	77-2	26.63	17.56	22.62	22.27	20.42	ppb
Selenium	78-2	4.26	2.96	3.49	3.57	18.35	ppb
Silicon	28-1	3839.34	3912.08	3803.10	3851.51	1.44	ppb
Silver	107-1	0.37	0.36	0.41	0.38	6.72	ppb
Silver	109-1	0.41	0.37	0.39	0.39	5.42	ppb
Sodium	23-2	257.61	254.41	250.23	254.08	1.46	ppb
Strontium	86-1	85.88	88.82	87.88	87.53	1.72	ppb
Strontium	88-1	85.60	85.06	87.76	86.14	1.66	ppb
Sulfur	34-1	-483.92	-353.03	-368.40	-401.78		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.06	0.12	0.10	30.34	ppb
Thallium	205-1	0.08	0.11	0.10	0.10	14.00	ppb
Tin	118-1	1.35	1.52	1.52	1.46	6.63	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-13	Instrumnet Name :	P8
Client Sample ID :	YB6Y4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:02:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	636.66	639.77	627.23	634.55	1.03	ppb
Uranium	238-1	0.73	0.73	0.74	0.74	1.04	ppb
Vanadium	51-2	267.00	274.65	265.46	269.04	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	154.21	156.71	149.73	153.55	2.30	ppb
Zirconium	90-1	1.37	1.37	1.45	1.40	3.25	ppb
Zirconium	91-1	1.31	1.45	1.50	1.42	7.07	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:05:56	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29164.63	28547.60	28905.73	28872.65	1.07	ppb
Antimony	121-1	1.61	1.53	1.59	1.58	2.55	ppb
Arsenic	75-2	4126.04	4095.10	4133.93	4118.36	0.50	ppb
Barium	135-1	481.38	463.65	464.57	469.87	2.12	ppb
Barium	137-1	493.22	469.66	469.77	477.55	2.84	ppb
Beryllium	9-1	1.16	1.15	1.24	1.18	4.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	1.88	2.67	2.51	2.35	17.59	ppb
Boron	11-1	2.16	2.53	2.49	2.39	8.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.64	0.59	0.50	0.58	12.17	ppb
Cadmium	106-1	1.86	1.71	1.05	1.54	28.00	ppb
Cadmium	108-1	0.91	1.41	1.46	1.26	24.13	ppb
Calcium	43-1	7517.96	7639.34	7528.58	7561.96	0.89	ppb
Calcium	44-1	7397.13	7641.52	7570.69	7536.45	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.49	117.12	118.44	117.68	0.58	ppb
Cobalt	59-2	24.98	24.01	24.75	24.58	2.06	ppb
Copper	63-2	183.48	182.43	184.62	183.51	0.60	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				105		%
Indium	115-2				103		%
Iron	54-2	161904.71	156379.07	157925.70	158736.49	1.80	ppb
Iron	56-2	156436.37	154089.33	156461.43	155662.38	0.88	ppb
Iron	57-2	156743.16	157241.84	159236.86	157740.62	0.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:05:56	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	618.73	597.34	604.10	606.72	1.80	ppb
Lead	207-1	583.62	576.97	563.37	574.66	1.80	ppb
Lead	208-1	589.28	578.13	584.41	583.94	0.96	ppb
Lithium	6-1				115		%
Magnesium	24-2	11355.61	10953.23	11239.86	11182.90	1.85	ppb
Manganese	55-2	717.73	715.01	722.87	718.54	0.56	ppb
Molybdenum	94-1	19.60	20.02	20.24	19.96	1.63	ppb
Molybdenum	95-1	11.79	12.37	12.16	12.11	2.41	ppb
Molybdenum	96-1	15.87	16.34	16.40	16.20	1.79	ppb
Molybdenum	97-1	12.05	12.27	12.19	12.17	0.92	ppb
Molybdenum	98-1	11.86	12.35	12.02	12.08	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.75	37.09	38.74	37.86	2.20	ppb
Phosphorus	31-2	1917.07	1746.24	1764.04	1809.12	5.19	ppb
Potassium	39-2	7171.88	7137.31	7076.43	7128.54	0.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	8.80	7.60	7.95	8.12	7.61	ppb
Selenium	77-2	16.60	21.33	20.75	19.56	13.18	ppb
Selenium	78-2	8.34	8.70	9.75	8.93	8.19	ppb
Silicon	28-1	3370.07	3493.57	3447.22	3436.95	1.82	ppb
Silver	107-1	2.22	2.18	2.17	2.19	1.09	ppb
Silver	109-1	2.28	2.20	2.16	2.21	2.76	ppb
Sodium	23-2	456.72	460.93	461.01	459.55	0.53	ppb
Strontium	86-1	288.54	296.34	296.66	293.85	1.57	ppb
Strontium	88-1	283.22	291.44	288.49	287.72	1.45	ppb
Sulfur	34-1	12067.06	12646.13	12331.67	12348.28	2.35	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.24	0.23	0.24	1.86	ppb
Thallium	205-1	0.27	0.23	0.22	0.24	10.26	ppb
Tin	118-1	2.37	2.33	2.31	2.34	1.49	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:05:56	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1057.53	1079.12	1068.93	1068.53	1.01	ppb
Uranium	238-1	1.02	1.02	1.07	1.04	2.84	ppb
Vanadium	51-2	270.46	262.60	266.61	266.56	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	144.06	145.99	142.54	144.20	1.20	ppb
Zirconium	90-1	5.37	5.27	5.29	5.31	1.00	ppb
Zirconium	91-1	5.96	5.78	5.74	5.83	2.02	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:08:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23513.27	25499.53	24034.27	24349.02	4.23	ppb
Antimony	121-1	1.45	1.40	1.38	1.41	2.42	ppb
Arsenic	75-2	3132.78	3454.78	3320.03	3302.53	4.90	ppb
Barium	135-1	387.28	368.37	365.36	373.67	3.18	ppb
Barium	137-1	385.77	375.68	388.62	383.36	1.77	ppb
Beryllium	9-1	0.97	0.94	0.95	0.95	1.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	1.61	1.87	1.94	1.80	9.70	ppb
Boron	11-1	1.96	1.95	2.07	1.99	3.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.33	0.47	0.42	18.39	ppb
Cadmium	106-1	0.53	-0.87	0.93	0.20	479.91	ppb
Cadmium	108-1	1.35	0.84	1.06	1.08	23.78	ppb
Calcium	43-1	6283.20	6223.69	6261.67	6256.19	0.48	ppb
Calcium	44-1	6152.72	6190.47	6223.83	6189.01	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.79	98.68	93.47	94.65	3.79	ppb
Cobalt	59-2	21.14	21.93	20.74	21.27	2.85	ppb
Copper	63-2	149.63	155.43	151.49	152.18	1.95	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				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	123947.67	133376.90	130223.70	129182.75	3.72	ppb
Iron	56-2	122722.36	132190.21	128121.72	127678.09	3.72	ppb
Iron	57-2	127112.01	130727.57	125844.55	127894.71	1.98	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:08:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	484.22	499.57	483.22	489.00	1.87	ppb
Lead	207-1	454.62	468.28	454.11	459.00	1.75	ppb
Lead	208-1	467.10	475.56	471.17	471.27	0.90	ppb
Lithium	6-1				115		%
Magnesium	24-2	9094.01	9394.15	9057.43	9181.87	2.01	ppb
Manganese	55-2	593.53	620.94	600.57	605.01	2.35	ppb
Molybdenum	94-1	16.82	17.47	17.12	17.13	1.90	ppb
Molybdenum	95-1	10.09	10.21	9.96	10.09	1.27	ppb
Molybdenum	96-1	13.67	13.69	13.60	13.65	0.36	ppb
Molybdenum	97-1	10.47	10.38	10.48	10.44	0.50	ppb
Molybdenum	98-1	9.84	10.14	10.11	10.03	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.35	32.48	30.91	31.25	3.54	ppb
Phosphorus	31-2	1424.44	1479.32	1536.32	1480.03	3.78	ppb
Potassium	39-2	5666.46	6096.07	5853.76	5872.10	3.67	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	7.62	9.28	7.78	8.23	11.10	ppb
Selenium	77-2	18.14	8.91	15.66	14.24	33.56	ppb
Selenium	78-2	7.64	8.87	9.94	8.82	13.01	ppb
Silicon	28-1	3309.86	3311.23	3340.57	3320.56	0.52	ppb
Silver	107-1	1.77	1.73	1.81	1.77	2.13	ppb
Silver	109-1	1.82	1.79	1.70	1.77	3.60	ppb
Sodium	23-2	368.93	389.85	372.99	377.25	2.94	ppb
Strontium	86-1	240.10	241.26	240.05	240.47	0.28	ppb
Strontium	88-1	237.14	234.93	229.31	233.79	1.73	ppb
Sulfur	34-1	9481.46	9593.22	9618.54	9564.40	0.76	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.19	0.21	0.20	5.21	ppb
Thallium	205-1	0.19	0.19	0.22	0.20	8.69	ppb
Tin	118-1	2.15	2.01	2.01	2.05	3.88	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:08:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	909.63	930.03	925.81	921.82	1.17	ppb
Uranium	238-1	0.89	0.89	0.84	0.87	2.87	ppb
Vanadium	51-2	213.28	228.22	221.12	220.88	3.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	120.40	127.60	124.54	124.18	2.91	ppb
Zirconium	90-1	4.51	4.65	4.39	4.51	2.89	ppb
Zirconium	91-1	4.89	5.03	4.67	4.86	3.69	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-16	Instrumnet Name :	P8
Client Sample ID :	YB6Y7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:11:48	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29296.51	29677.37	26358.35	28444.08	6.39	ppb
Antimony	121-1	0.89	0.77	0.83	0.83	6.93	ppb
Arsenic	75-2	662.15	683.45	588.21	644.60	7.75	ppb
Barium	135-1	342.75	333.72	349.24	341.90	2.28	ppb
Barium	137-1	353.76	344.40	353.46	350.54	1.52	ppb
Beryllium	9-1	1.58	1.48	1.54	1.54	3.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	1.33	1.46	1.23	1.34	8.77	ppb
Boron	11-1	1.47	1.78	1.76	1.67	10.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.19	0.24	0.24	20.37	ppb
Cadmium	106-1	-0.96	-2.05	-0.77	-1.26		ppb
Cadmium	108-1	0.12	0.42	0.54	0.36	59.43	ppb
Calcium	43-1	6918.18	6959.21	7065.13	6980.84	1.09	ppb
Calcium	44-1	6802.15	6856.60	7096.01	6918.25	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.40	116.60	106.54	112.18	4.58	ppb
Cobalt	59-2	55.41	56.79	51.70	54.63	4.81	ppb
Copper	63-2	126.58	129.97	116.56	124.37	5.61	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				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	107747.89	111519.04	101340.81	106869.25	4.81	ppb
Iron	56-2	105098.27	109036.73	97530.56	103888.52	5.63	ppb
Iron	57-2	106463.72	111614.91	100085.35	106054.66	5.45	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-16	Instrumnet Name :	P8
Client Sample ID :	YB6Y7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:11:48	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	211.46	214.77	202.40	209.54	3.06	ppb
Lead	207-1	203.11	201.66	198.55	201.11	1.16	ppb
Lead	208-1	211.85	211.30	205.14	209.43	1.78	ppb
Lithium	6-1				113		%
Magnesium	24-2	10372.43	10505.23	9543.78	10140.48	5.14	ppb
Manganese	55-2	2397.15	2508.61	2244.10	2383.29	5.57	ppb
Molybdenum	94-1	8.41	8.38	8.33	8.37	0.53	ppb
Molybdenum	95-1	4.59	4.57	4.74	4.63	2.02	ppb
Molybdenum	96-1	7.13	7.16	7.42	7.24	2.18	ppb
Molybdenum	97-1	4.41	4.46	4.55	4.48	1.58	ppb
Molybdenum	98-1	4.69	4.35	4.48	4.50	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.50	45.08	42.20	43.60	3.31	ppb
Phosphorus	31-2	1931.28	1706.93	1581.12	1739.78	10.20	ppb
Potassium	39-2	6444.48	6599.97	5994.79	6346.41	4.95	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	2.95	2.88	1.60	2.48	30.65	ppb
Selenium	77-2	19.52	15.34	15.53	16.80	14.06	ppb
Selenium	78-2	4.82	4.60	3.53	4.32	16.06	ppb
Silicon	28-1	3816.52	3872.64	3913.73	3867.63	1.26	ppb
Silver	107-1	0.97	0.95	0.95	0.96	1.55	ppb
Silver	109-1	0.96	0.95	0.95	0.95	0.13	ppb
Sodium	23-2	189.46	189.65	170.89	183.33	5.88	ppb
Strontium	86-1	73.36	70.40	72.24	72.00	2.08	ppb
Strontium	88-1	73.11	70.46	71.41	71.66	1.87	ppb
Sulfur	34-1	819.21	940.69	1034.15	931.35	11.57	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.16	0.14	0.18	27.69	ppb
Thallium	205-1	0.21	0.20	0.19	0.20	4.07	ppb
Tin	118-1	1.80	1.78	1.72	1.76	2.31	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-16	Instrumnet Name :	P8
Client Sample ID :	YB6Y7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:11:48	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	833.31	837.84	842.80	837.98	0.57	ppb
Uranium	238-1	1.13	1.23	1.19	1.18	4.14	ppb
Vanadium	51-2	219.60	222.29	203.21	215.03	4.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	140.93	146.74	134.23	140.63	4.45	ppb
Zirconium	90-1	2.37	2.34	2.40	2.37	1.41	ppb
Zirconium	91-1	2.30	2.40	2.55	2.42	5.37	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-17	Instrumnet Name :	P8
Client Sample ID :	YB6Y8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:14:43	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26126.95	25632.12	25370.95	25710.01	1.49	ppb
Antimony	121-1	0.40	0.49	0.41	0.44	11.77	ppb
Arsenic	75-2	217.98	213.30	219.66	216.98	1.52	ppb
Barium	135-1	262.70	283.33	264.34	270.12	4.24	ppb
Barium	137-1	268.35	294.58	262.23	275.05	6.25	ppb
Beryllium	9-1	1.42	1.52	1.49	1.48	3.52	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	0.93	0.72	0.71	0.79	16.08	ppb
Boron	11-1	0.83	1.04	1.29	1.05	21.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.27	0.31	0.27	15.78	ppb
Cadmium	106-1	-0.44	-0.19	0.85	0.07	983.29	ppb
Cadmium	108-1	0.38	0.66	0.48	0.51	27.88	ppb
Calcium	43-1	6201.15	6448.17	6098.92	6249.41	2.87	ppb
Calcium	44-1	6074.90	6418.20	5941.20	6144.76	4.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.57	100.09	100.19	100.95	1.39	ppb
Cobalt	59-2	56.40	54.42	53.76	54.86	2.50	ppb
Copper	63-2	100.42	96.34	96.25	97.67	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				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	87845.97	86699.90	86808.40	87118.09	0.73	ppb
Iron	56-2	84844.41	85843.64	83421.82	84703.29	1.44	ppb
Iron	57-2	86644.60	86266.85	86398.41	86436.62	0.22	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-17	Instrumnet Name :	P8
Client Sample ID :	YB6Y8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:14:43	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	82.93	87.16	83.63	84.57	2.68	ppb
Lead	207-1	80.70	82.93	78.34	80.66	2.85	ppb
Lead	208-1	82.18	85.35	80.35	82.63	3.06	ppb
Lithium	6-1				114		%
Magnesium	24-2	9550.67	9313.97	9097.89	9320.84	2.43	ppb
Manganese	55-2	2554.03	2579.54	2558.60	2564.06	0.53	ppb
Molybdenum	94-1	5.01	5.42	4.90	5.11	5.34	ppb
Molybdenum	95-1	1.78	1.85	1.77	1.80	2.46	ppb
Molybdenum	96-1	3.83	3.71	3.77	3.77	1.53	ppb
Molybdenum	97-1	1.68	1.80	1.62	1.70	5.36	ppb
Molybdenum	98-1	1.52	1.66	1.65	1.61	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.26	40.16	40.00	40.47	1.69	ppb
Phosphorus	31-2	1086.80	1196.97	1079.32	1121.03	5.88	ppb
Potassium	39-2	5374.47	5223.00	5225.96	5274.47	1.64	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	1.79	2.30	0.10	1.40	82.25	ppb
Selenium	77-2	13.78	9.07	16.33	13.06	28.23	ppb
Selenium	78-2	2.75	4.20	1.73	2.90	42.84	ppb
Silicon	28-1	3461.49	3696.86	3468.12	3542.16	3.78	ppb
Silver	107-1	0.42	0.47	0.39	0.43	10.16	ppb
Silver	109-1	0.39	0.45	0.41	0.42	6.69	ppb
Sodium	23-2	152.25	146.96	147.70	148.97	1.92	ppb
Strontium	86-1	47.13	49.41	45.82	47.45	3.83	ppb
Strontium	88-1	47.43	49.11	46.41	47.65	2.86	ppb
Sulfur	34-1	-855.53	-664.29	-830.15	-783.32		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.19	0.17	0.17	11.46	ppb
Thallium	205-1	0.17	0.19	0.15	0.17	9.80	ppb
Tin	118-1	1.88	2.12	1.86	1.95	7.47	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-17	Instrumnet Name :	P8
Client Sample ID :	YB6Y8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:14:43	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	714.99	748.92	697.91	720.61	3.60	ppb
Uranium	238-1	1.14	1.11	1.09	1.11	2.55	ppb
Vanadium	51-2	197.40	190.77	190.51	192.90	2.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	130.25	124.68	125.16	126.69	2.44	ppb
Zirconium	90-1	2.60	2.00	1.84	2.15	18.52	ppb
Zirconium	91-1	2.02	2.15	1.79	1.99	9.07	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18	Instrumnet Name :	P8
Client Sample ID :	YB6Y9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:17:40	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35621.12	34458.00	34792.92	34957.34	1.71	ppb
Antimony	121-1	0.41	0.32	0.29	0.34	18.62	ppb
Arsenic	75-2	157.62	160.17	152.99	156.93	2.32	ppb
Barium	135-1	404.86	345.99	351.99	367.62	8.81	ppb
Barium	137-1	410.11	358.02	354.04	374.06	8.36	ppb
Beryllium	9-1	2.23	2.04	1.98	2.08	6.20	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	1.30	0.89	0.54	0.91	41.88	ppb
Boron	11-1	1.23	0.95	1.12	1.10	12.79	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.32	0.21	0.33	37.77	ppb
Cadmium	106-1	1.08	-0.11	-1.23	-0.08		ppb
Cadmium	108-1	0.72	0.66	0.91	0.76	17.13	ppb
Calcium	43-1	9838.75	8784.81	8805.66	9143.07	6.59	ppb
Calcium	44-1	9803.25	8888.24	8911.60	9201.03	5.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.93	100.60	102.62	103.05	2.61	ppb
Cobalt	59-2	62.14	61.70	61.08	61.64	0.86	ppb
Copper	63-2	119.70	120.89	120.02	120.20	0.51	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				100		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	54-2	112237.79	109693.10	110184.26	110705.05	1.22	ppb
Iron	56-2	112058.29	107804.60	109985.40	109949.43	1.93	ppb
Iron	57-2	113968.05	107971.71	109868.06	110602.61	2.77	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18	Instrumnet Name :	P8
Client Sample ID :	YB6Y9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:17:40	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.94	32.96	30.87	33.26	7.67	ppb
Lead	207-1	34.93	31.04	29.43	31.80	8.90	ppb
Lead	208-1	35.44	31.41	30.00	32.28	8.74	ppb
Lithium	6-1				108		%
Magnesium	24-2	13961.17	13512.02	13687.07	13720.09	1.65	ppb
Manganese	55-2	2648.51	2579.83	2619.32	2615.89	1.32	ppb
Molybdenum	94-1	5.87	5.40	5.12	5.46	6.91	ppb
Molybdenum	95-1	0.98	0.83	0.88	0.90	8.22	ppb
Molybdenum	96-1	4.06	3.64	3.54	3.74	7.36	ppb
Molybdenum	97-1	0.89	0.82	0.81	0.84	5.52	ppb
Molybdenum	98-1	0.84	0.79	0.75	0.79	5.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.51	39.24	40.10	39.95	1.63	ppb
Phosphorus	31-2	1301.41	1307.43	1341.58	1316.81	1.64	ppb
Potassium	39-2	5776.32	5738.61	5670.85	5728.59	0.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	82-1	1.41	0.47	0.99	0.95	49.34	ppb
Selenium	77-2	18.88	18.10	29.90	22.29	29.60	ppb
Selenium	78-2	4.37	3.46	3.23	3.69	16.32	ppb
Silicon	28-1	3785.68	3325.76	3328.64	3480.03	7.61	ppb
Silver	107-1	0.18	0.17	0.18	0.18	2.65	ppb
Silver	109-1	0.21	0.14	0.16	0.17	19.99	ppb
Sodium	23-2	135.66	135.46	137.98	136.37	1.03	ppb
Strontium	86-1	60.68	53.21	52.84	55.57	7.96	ppb
Strontium	88-1	59.51	52.22	53.31	55.01	7.15	ppb
Sulfur	34-1	-1207.52	-1526.23	-1547.68	-1427.14		ppb
Terbium	159-1				98		%
Terbium	159-2				106		%
Thallium	203-1	0.17	0.18	0.15	0.17	8.20	ppb
Thallium	205-1	0.24	0.15	0.16	0.18	28.75	ppb
Tin	118-1	2.29	1.95	1.86	2.03	11.04	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18	Instrumnet Name :	P8
Client Sample ID :	YB6Y9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:17:40	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1028.86	934.07	929.23	964.05	5.83	ppb
Uranium	238-1	1.75	1.58	1.46	1.60	9.11	ppb
Vanadium	51-2	236.20	236.47	236.30	236.32	0.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	156.12	155.37	151.66	154.38	1.55	ppb
Zirconium	90-1	2.63	2.48	2.41	2.51	4.50	ppb
Zirconium	91-1	2.56	2.57	2.26	2.46	7.04	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-19	Instrumnet Name :	P8
Client Sample ID :	YB6Y9D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:20:35	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33780.41	34018.61	35234.61	34344.54	2.27	ppb
Antimony	121-1	0.36	0.39	0.37	0.38	3.62	ppb
Arsenic	75-2	155.79	157.45	154.32	155.86	1.01	ppb
Barium	135-1	332.51	341.13	349.48	341.04	2.49	ppb
Barium	137-1	337.88	347.62	343.50	343.00	1.42	ppb
Beryllium	9-1	2.00	1.92	2.05	1.99	3.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	0.67	0.66	0.76	0.70	7.42	ppb
Boron	11-1	0.62	0.98	0.81	0.81	22.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.28	0.40	0.35	18.70	ppb
Cadmium	106-1	0.90	-1.19	1.09	0.27	472.51	ppb
Cadmium	108-1	0.47	0.51	0.61	0.53	13.92	ppb
Calcium	43-1	8335.41	8712.80	8351.81	8466.67	2.52	ppb
Calcium	44-1	8427.48	8748.35	8498.69	8558.17	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.25	104.14	103.44	103.95	0.42	ppb
Cobalt	59-2	61.32	61.80	61.30	61.47	0.46	ppb
Copper	63-2	117.89	119.42	122.25	119.85	1.85	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				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	111275.98	110775.29	110276.17	110775.81	0.45	ppb
Iron	56-2	108254.89	106484.88	107432.96	107390.91	0.82	ppb
Iron	57-2	108334.68	106662.03	109998.72	108331.81	1.54	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-19	Instrumnet Name :	P8
Client Sample ID :	YB6Y9D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:20:35	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	30.68	30.77	30.25	30.57	0.91	ppb
Lead	207-1	29.16	29.68	29.34	29.39	0.90	ppb
Lead	208-1	30.00	30.05	29.60	29.88	0.81	ppb
Lithium	6-1				112		%
Magnesium	24-2	13388.89	13214.69	13802.63	13468.74	2.24	ppb
Manganese	55-2	2599.98	2614.36	2565.57	2593.30	0.97	ppb
Molybdenum	94-1	5.43	5.47	5.35	5.42	1.09	ppb
Molybdenum	95-1	0.91	0.99	1.07	0.99	8.24	ppb
Molybdenum	96-1	3.65	3.74	3.74	3.71	1.47	ppb
Molybdenum	97-1	0.94	0.87	0.93	0.91	3.98	ppb
Molybdenum	98-1	0.93	0.88	0.92	0.91	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.33	39.44	39.61	40.12	2.60	ppb
Phosphorus	31-2	1377.33	1266.82	1246.43	1296.86	5.43	ppb
Potassium	39-2	5875.90	5871.50	5929.14	5892.18	0.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	2.33	0.65	2.38	1.79	55.13	ppb
Selenium	77-2	20.63	28.97	22.13	23.91	18.60	ppb
Selenium	78-2	1.90	3.03	2.30	2.41	23.81	ppb
Silicon	28-1	3302.33	3523.20	3351.60	3392.38	3.42	ppb
Silver	107-1	0.20	0.25	0.20	0.21	13.78	ppb
Silver	109-1	0.18	0.19	0.24	0.20	16.79	ppb
Sodium	23-2	272.47	272.08	275.87	273.47	0.76	ppb
Strontium	86-1	52.26	52.78	51.08	52.04	1.67	ppb
Strontium	88-1	51.30	52.84	52.80	52.31	1.68	ppb
Sulfur	34-1	-1685.61	-1553.33	-1552.96	-1597.30		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.21	0.24	0.23	6.58	ppb
Thallium	205-1	0.22	0.21	0.21	0.21	4.72	ppb
Tin	118-1	1.68	1.84	1.79	1.77	4.51	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-19	Instrumnet Name :	P8
Client Sample ID :	YB6Y9D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:20:35	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	893.72	949.39	911.13	918.08	3.10	ppb
Uranium	238-1	1.62	1.68	1.68	1.66	1.98	ppb
Vanadium	51-2	238.86	239.35	238.58	238.93	0.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	155.09	158.28	153.94	155.77	1.44	ppb
Zirconium	90-1	2.30	2.42	2.36	2.36	2.46	ppb
Zirconium	91-1	2.31	2.43	2.32	2.36	2.78	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-20	Instrumnet Name :	P8
Client Sample ID :	YB6Y9S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:23:33	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26945.87	27400.31	25768.74	26704.98	3.15	ppb
Antimony	121-1	14.26	13.63	13.94	13.94	2.25	ppb
Arsenic	75-2	137.35	138.32	129.54	135.07	3.56	ppb
Barium	135-1	662.20	638.77	643.35	648.11	1.92	ppb
Barium	137-1	658.83	644.10	650.39	651.11	1.13	ppb
Beryllium	9-1	11.62	11.02	10.86	11.17	3.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	0.42	0.32	0.31	0.35	17.89	ppb
Boron	11-1	0.44	0.48	0.39	0.44	11.24	ppb
Bromine	81-1						cps
Cadmium	111-1	10.53	10.17	9.87	10.19	3.25	ppb
Cadmium	106-1	8.06	7.89	7.36	7.77	4.70	ppb
Cadmium	108-1	10.35	9.07	9.77	9.73	6.58	ppb
Calcium	43-1	7808.01	7875.28	7890.87	7858.05	0.56	ppb
Calcium	44-1	7385.71	7523.86	7209.18	7372.92	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.30	119.40	112.21	116.64	3.32	ppb
Cobalt	59-2	138.85	142.27	132.59	137.90	3.56	ppb
Copper	63-2	137.57	138.49	133.20	136.42	2.07	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				105		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	87484.48	89042.62	82363.87	86296.99	4.05	ppb
Iron	56-2	86581.31	86112.52	80237.79	84310.54	4.19	ppb
Iron	57-2	88718.68	90054.25	82724.86	87165.93	4.48	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-20	Instrumnet Name :	P8
Client Sample ID :	YB6Y9S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:23:33	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25.73	25.90	26.58	26.07	1.74	ppb
Lead	207-1	24.93	25.40	25.84	25.39	1.79	ppb
Lead	208-1	25.27	25.51	26.29	25.69	2.08	ppb
Lithium	6-1				113		%
Magnesium	24-2	10638.72	10519.30	10375.91	10511.31	1.25	ppb
Manganese	55-2	2078.14	2108.06	1985.08	2057.09	3.12	ppb
Molybdenum	94-1	69.88	71.21	68.33	69.81	2.07	ppb
Molybdenum	95-1	81.81	81.80	80.25	81.28	1.10	ppb
Molybdenum	96-1	81.19	82.79	81.64	81.87	1.01	ppb
Molybdenum	97-1	80.60	81.77	80.00	80.79	1.11	ppb
Molybdenum	98-1	81.83	81.69	80.12	81.22	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.43	126.69	120.54	123.89	2.51	ppb
Phosphorus	31-2	1118.84	1083.42	982.91	1061.73	6.64	ppb
Potassium	39-2	4628.77	4665.19	4423.37	4572.44	2.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	16.24	14.98	14.61	15.28	5.59	ppb
Selenium	77-2	36.98	34.23	29.76	33.66	10.82	ppb
Selenium	78-2	18.75	17.59	15.60	17.31	9.19	ppb
Silicon	28-1	3323.52	3366.85	3358.94	3349.77	0.69	ppb
Silver	107-1	10.19	10.03	9.96	10.06	1.14	ppb
Silver	109-1	10.28	10.03	10.00	10.10	1.53	ppb
Sodium	23-2	109.31	109.09	105.85	108.08	1.79	ppb
Strontium	86-1	1893.11	1901.34	1917.46	1903.97	0.65	ppb
Strontium	88-1	1866.64	1864.14	1870.43	1867.07	0.17	ppb
Sulfur	34-1	-1760.59	-1645.53	-1613.80	-1673.31		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	8.76	8.67	8.70	8.71	0.49	ppb
Thallium	205-1	8.95	8.92	9.21	9.03	1.77	ppb
Tin	118-1	1.45	1.36	1.44	1.42	3.54	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-20	Instrumnet Name :	P8
Client Sample ID :	YB6Y9S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:23:33	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	790.57	802.15	805.05	799.26	0.96	ppb
Uranium	238-1	36.83	36.76	37.68	37.09	1.38	ppb
Vanadium	51-2	279.55	280.48	265.53	275.19	3.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	219.56	221.42	208.44	216.47	3.24	ppb
Zirconium	90-1	1.97	2.04	1.98	2.00	1.96	ppb
Zirconium	91-1	1.99	2.00	2.10	2.03	3.16	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LREX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:26:37	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7461.56	8226.07	7537.44	7741.69	5.44	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	11.00	ppb
Arsenic	75-2	34.94	38.84	34.99	36.26	6.18	ppb
Barium	135-1	64.78	67.68	67.96	66.80	2.64	ppb
Barium	137-1	67.43	67.99	70.97	68.80	2.76	ppb
Beryllium	9-1	0.38	0.41	0.41	0.40	5.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				93		%
Boron	10-1	-0.72	-0.85	-0.73	-0.76		ppb
Boron	11-1	-0.65	-0.52	-0.50	-0.56		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.15	-0.08	-0.11		ppb
Cadmium	106-1	-2.22	-2.53	-2.16	-2.30		ppb
Cadmium	108-1	-0.08	0.21	-0.24	-0.04		ppb
Calcium	43-1	1802.42	1778.98	1793.06	1791.49	0.66	ppb
Calcium	44-1	1783.43	1786.65	1789.92	1786.67	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.20	26.06	23.58	24.28	6.39	ppb
Cobalt	59-2	13.57	15.40	14.02	14.33	6.64	ppb
Copper	63-2	26.26	29.59	27.42	27.76	6.08	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				103		%
Holmium	165-2				92		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	54-2	24194.54	27700.73	25474.47	25789.91	6.88	ppb
Iron	56-2	24049.38	26858.93	24436.62	25114.98	6.06	ppb
Iron	57-2	23812.12	26060.74	24083.13	24652.00	4.98	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LREX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:26:37	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.27	6.07	6.04	6.13	2.08	ppb
Lead	207-1	6.13	5.58	5.71	5.81	4.96	ppb
Lead	208-1	6.01	5.83	5.92	5.92	1.50	ppb
Lithium	6-1				107		%
Magnesium	24-2	2884.41	3232.92	3012.16	3043.16	5.79	ppb
Manganese	55-2	556.49	624.91	569.10	583.50	6.24	ppb
Molybdenum	94-1	1.01	1.15	0.94	1.03	10.26	ppb
Molybdenum	95-1	0.17	0.20	0.18	0.18	8.56	ppb
Molybdenum	96-1	0.69	0.82	0.76	0.76	8.49	ppb
Molybdenum	97-1	0.16	0.15	0.17	0.16	3.99	ppb
Molybdenum	98-1	0.13	0.13	0.15	0.14	9.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.00	9.94	8.89	9.28	6.20	ppb
Phosphorus	31-2	289.04	282.64	247.83	273.17	8.12	ppb
Potassium	39-2	1286.91	1432.02	1304.83	1341.25	5.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				92		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	82-1	-0.77	-0.19	0.44	-0.17		ppb
Selenium	77-2	6.69	5.69	6.94	6.44	10.28	ppb
Selenium	78-2	1.21	2.03	0.77	1.34	47.55	ppb
Silicon	28-1	688.26	679.43	669.99	679.23	1.35	ppb
Silver	107-1	0.07	0.06	0.06	0.06	10.58	ppb
Silver	109-1	0.06	0.05	0.04	0.05	11.99	ppb
Sodium	23-2	47.85	57.10	45.11	50.02	12.56	ppb
Strontium	86-1	10.07	10.65	10.87	10.53	3.88	ppb
Strontium	88-1	10.46	10.77	10.55	10.59	1.51	ppb
Sulfur	34-1	-1749.70	-1755.52	-1640.00	-1715.07		ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.00	-0.03	-0.02	-0.02		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.38	0.44	0.49	0.44	12.60	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LREX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:26:37	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	184.33	186.94	189.02	186.76	1.26	ppb
Uranium	238-1	0.29	0.28	0.28	0.29	2.08	ppb
Vanadium	51-2	51.42	57.57	51.97	53.65	6.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	37.03	39.29	36.82	37.71	3.64	ppb
Zirconium	90-1	0.49	0.46	0.45	0.47	4.69	ppb
Zirconium	91-1	0.41	0.46	0.54	0.47	13.57	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-21	Instrumnet Name :	P8
Client Sample ID :	YB6Z0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:29:40	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32750.43	33885.32	32674.35	33103.37	2.05	ppb
Antimony	121-1	0.54	0.52	0.55	0.54	2.93	ppb
Arsenic	75-2	281.88	289.56	275.94	282.46	2.42	ppb
Barium	135-1	352.00	347.08	342.17	347.08	1.42	ppb
Barium	137-1	359.78	355.89	351.97	355.88	1.10	ppb
Beryllium	9-1	1.75	1.64	1.71	1.70	3.10	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	1.20	1.34	1.40	1.31	7.92	ppb
Boron	11-1	1.37	1.54	1.42	1.44	5.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.22	0.29	0.27	15.94	ppb
Cadmium	106-1	0.17	-0.54	-0.02	-0.13		ppb
Cadmium	108-1	0.50	0.67	0.47	0.54	20.04	ppb
Calcium	43-1	8702.03	8315.45	8575.04	8530.84	2.31	ppb
Calcium	44-1	8600.80	8102.98	8424.19	8375.99	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.88	81.74	76.92	78.85	3.24	ppb
Cobalt	59-2	51.39	53.67	50.27	51.78	3.35	ppb
Copper	63-2	113.55	115.77	108.59	112.64	3.26	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				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	110793.71	115237.74	107830.23	111287.23	3.35	ppb
Iron	56-2	110837.05	112553.42	105199.09	109529.85	3.51	ppb
Iron	57-2	108624.54	113277.54	108153.63	110018.57	2.57	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-21	Instrumnet Name :	P8
Client Sample ID :	YB6Z0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:29:40	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	71.07	67.95	70.50	69.84	2.37	ppb
Lead	207-1	67.39	65.56	67.51	66.82	1.63	ppb
Lead	208-1	68.72	66.56	68.83	68.04	1.88	ppb
Lithium	6-1				113		%
Magnesium	24-2	12924.14	13381.33	12895.95	13067.14	2.09	ppb
Manganese	55-2	2296.61	2314.37	2236.18	2282.39	1.80	ppb
Molybdenum	94-1	7.94	7.82	7.79	7.85	1.02	ppb
Molybdenum	95-1	1.21	1.03	1.30	1.18	11.59	ppb
Molybdenum	96-1	4.21	3.68	4.14	4.01	7.18	ppb
Molybdenum	97-1	1.20	1.05	1.16	1.14	6.69	ppb
Molybdenum	98-1	1.13	1.01	1.12	1.09	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.54	34.10	32.68	33.44	2.13	ppb
Phosphorus	31-2	1764.79	1697.92	1654.47	1705.73	3.26	ppb
Potassium	39-2	6395.08	6629.83	6258.78	6427.90	2.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	1.26	0.87	0.75	0.96	27.87	ppb
Selenium	77-2	19.93	21.32	19.91	20.39	3.95	ppb
Selenium	78-2	4.88	3.93	3.40	4.07	18.49	ppb
Silicon	28-1	3735.02	3552.15	3701.03	3662.73	2.66	ppb
Silver	107-1	0.32	0.33	0.34	0.33	2.49	ppb
Silver	109-1	0.28	0.30	0.29	0.29	4.47	ppb
Sodium	23-2	127.88	145.44	129.59	134.31	7.21	ppb
Strontium	86-1	69.38	66.94	67.77	68.03	1.83	ppb
Strontium	88-1	69.86	65.27	67.99	67.71	3.41	ppb
Sulfur	34-1	-965.80	-1101.76	-874.93	-980.83		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.07	0.17	0.13	39.41	ppb
Thallium	205-1	0.17	0.12	0.15	0.15	16.86	ppb
Tin	118-1	1.68	1.80	1.67	1.72	4.15	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-21	Instrumnet Name :	P8
Client Sample ID :	YB6Z0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:29:40	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1142.82	1095.79	1108.41	1115.67	2.18	ppb
Uranium	238-1	1.42	1.37	1.41	1.40	1.82	ppb
Vanadium	51-2	228.87	237.18	222.30	229.45	3.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	156.46	160.67	153.70	156.94	2.24	ppb
Zirconium	90-1	3.80	3.66	3.71	3.72	1.94	ppb
Zirconium	91-1	3.82	3.66	4.05	3.84	5.16	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:32:36	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30794.96	29682.17	29248.60	29908.58	2.67	ppb
Antimony	121-1	1.84	1.66	1.50	1.67	9.91	ppb
Arsenic	75-2	1268.92	1261.24	1255.22	1261.79	0.54	ppb
Barium	135-1	395.67	352.29	349.23	365.73	7.10	ppb
Barium	137-1	405.39	364.77	356.92	375.69	6.93	ppb
Beryllium	9-1	1.57	1.46	1.46	1.50	4.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	1.98	2.06	2.10	2.05	3.04	ppb
Boron	11-1	2.12	1.81	2.11	2.01	8.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.31	0.21	0.23	27.63	ppb
Cadmium	106-1	-2.52	-0.10	-0.79	-1.14		ppb
Cadmium	108-1	0.89	0.50	0.97	0.79	31.79	ppb
Calcium	43-1	6379.70	5710.63	5766.36	5952.23	6.24	ppb
Calcium	44-1	6240.10	5580.94	5641.35	5820.79	6.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.03	47.55	45.62	46.73	2.14	ppb
Cobalt	59-2	35.50	35.26	34.99	35.25	0.73	ppb
Copper	63-2	120.69	121.14	119.34	120.39	0.78	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				103		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	111967.43	112910.69	109292.31	111390.15	1.69	ppb
Iron	56-2	110131.20	110295.48	110216.44	110214.37	0.07	ppb
Iron	57-2	111087.63	112425.90	112122.14	111878.56	0.63	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:32:36	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	256.05	225.11	236.44	239.20	6.54	ppb
Lead	207-1	241.25	217.16	221.12	226.51	5.70	ppb
Lead	208-1	257.24	228.66	234.58	240.16	6.28	ppb
Lithium	6-1				107		%
Magnesium	24-2	11277.36	11443.71	10955.51	11225.53	2.21	ppb
Manganese	55-2	1613.06	1596.03	1546.16	1585.09	2.19	ppb
Molybdenum	94-1	13.63	12.24	12.52	12.80	5.76	ppb
Molybdenum	95-1	5.15	4.39	4.46	4.67	9.06	ppb
Molybdenum	96-1	8.42	7.60	7.88	7.97	5.25	ppb
Molybdenum	97-1	5.06	4.53	4.76	4.78	5.64	ppb
Molybdenum	98-1	4.99	4.41	4.45	4.62	7.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.91	26.03	25.72	25.88	0.61	ppb
Phosphorus	31-2	2204.81	2279.96	2164.67	2216.48	2.64	ppb
Potassium	39-2	5853.36	6009.44	5967.04	5943.28	1.36	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				112		%
Selenium	82-1	5.62	4.09	3.64	4.45	23.32	ppb
Selenium	77-2	17.61	23.96	18.45	20.01	17.24	ppb
Selenium	78-2	3.76	5.44	6.12	5.11	23.78	ppb
Silicon	28-1	3381.55	2937.15	2988.55	3102.42	7.84	ppb
Silver	107-1	1.14	0.98	0.96	1.02	9.73	ppb
Silver	109-1	1.05	1.00	0.93	0.99	6.55	ppb
Sodium	23-2	168.76	166.85	164.94	166.85	1.15	ppb
Strontium	86-1	96.82	83.51	88.92	89.75	7.46	ppb
Strontium	88-1	96.94	85.45	85.70	89.36	7.34	ppb
Sulfur	34-1	2251.89	1447.34	1582.34	1760.52	24.47	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.11	0.10	0.13	31.47	ppb
Thallium	205-1	0.14	0.11	0.11	0.12	17.24	ppb
Tin	118-1	2.66	2.36	2.30	2.44	8.06	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:32:36	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1398.43	1238.94	1271.33	1302.90	6.47	ppb
Uranium	238-1	1.44	1.22	1.32	1.33	8.05	ppb
Vanadium	51-2	197.53	198.40	195.05	196.99	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	156.35	159.18	153.24	156.26	1.90	ppb
Zirconium	90-1	4.87	4.26	4.26	4.46	7.87	ppb
Zirconium	91-1	5.04	4.58	4.69	4.77	5.07	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:35:33	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6795.91	6884.00	6835.02	6838.31	0.65	ppb
Antimony	121-1	0.07	0.05	0.06	0.06	12.45	ppb
Arsenic	75-2	32.79	31.76	32.89	32.48	1.93	ppb
Barium	135-1	65.51	70.13	69.51	68.38	3.66	ppb
Barium	137-1	63.50	71.16	70.97	68.54	6.37	ppb
Beryllium	9-1	0.37	0.40	0.41	0.39	5.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	-0.68	-0.54	-0.56	-0.59		ppb
Boron	11-1	-0.63	-0.48	-0.66	-0.59		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.02	-0.10	-0.06		ppb
Cadmium	106-1	-1.34	-1.52	-2.09	-1.65		ppb
Cadmium	108-1	-0.14	-0.20	0.03	-0.10		ppb
Calcium	43-1	1760.24	1861.96	1929.38	1850.52	4.60	ppb
Calcium	44-1	1755.63	1882.29	1915.78	1851.23	4.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.65	20.82	21.41	21.29	2.02	ppb
Cobalt	59-2	12.61	12.70	12.44	12.58	1.04	ppb
Copper	63-2	24.64	24.89	24.95	24.82	0.65	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				98		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	23331.32	22739.05	23109.95	23060.11	1.30	ppb
Iron	56-2	22460.06	22082.46	22310.70	22284.41	0.85	ppb
Iron	57-2	21553.03	21819.28	22228.88	21867.06	1.56	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:35:33	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.88	6.29	6.29	6.16	3.84	ppb
Lead	207-1	5.65	6.04	6.14	5.94	4.38	ppb
Lead	208-1	5.78	6.22	6.23	6.08	4.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	2705.42	2715.05	2723.65	2714.71	0.34	ppb
Manganese	55-2	528.57	523.49	516.90	522.99	1.12	ppb
Molybdenum	94-1	1.13	1.07	1.13	1.11	3.21	ppb
Molybdenum	95-1	0.16	0.18	0.16	0.17	6.76	ppb
Molybdenum	96-1	0.72	0.79	0.70	0.74	6.45	ppb
Molybdenum	97-1	0.17	0.12	0.17	0.15	18.37	ppb
Molybdenum	98-1	0.17	0.14	0.21	0.18	19.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.18	8.66	8.81	8.55	3.85	ppb
Phosphorus	31-2	326.34	227.26	268.89	274.17	18.15	ppb
Potassium	39-2	1186.93	1157.20	1194.15	1179.43	1.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	0.94	0.86	1.08	0.96	12.01	ppb
Selenium	77-2	6.40	3.05	5.64	5.03	34.87	ppb
Selenium	78-2	1.77	0.33	0.05	0.72	128.40	ppb
Silicon	28-1	646.68	719.19	734.19	700.02	6.69	ppb
Silver	107-1	0.02	0.04	0.03	0.03	42.21	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.64	ppb
Sodium	23-2	42.37	41.24	44.76	42.79	4.20	ppb
Strontium	86-1	10.02	10.57	11.65	10.75	7.72	ppb
Strontium	88-1	10.36	10.94	11.59	10.96	5.62	ppb
Sulfur	34-1	-1676.07	-1349.99	-1212.78	-1412.95		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	0.00	0.03	0.00	669.06	ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.48	0.47	0.51	0.49	3.71	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:35:33	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	182.28	196.20	197.76	192.08	4.44	ppb
Uranium	238-1	0.29	0.30	0.29	0.29	1.40	ppb
Vanadium	51-2	47.26	49.10	47.51	47.96	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	35.32	35.20	34.40	34.97	1.43	ppb
Zirconium	90-1	0.46	0.52	0.54	0.51	8.26	ppb
Zirconium	91-1	0.54	0.48	0.52	0.52	5.96	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:38:34	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52129.34	50510.34	50210.09	50949.92	2.03	ppb
Antimony	121-1	498.18	500.84	487.84	495.62	1.38	ppb
Arsenic	75-2	503.37	480.16	478.45	487.32	2.86	ppb
Barium	135-1	2377.91	2448.57	2367.05	2397.84	1.85	ppb
Barium	137-1	2383.62	2398.83	2389.70	2390.71	0.32	ppb
Beryllium	9-1	477.78	496.95	465.92	480.22	3.26	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	443.48	487.04	477.25	469.26	4.87	ppb
Boron	11-1	478.27	512.54	513.75	501.52	4.02	ppb
Bromine	81-1						cps
Cadmium	111-1	478.68	468.01	471.35	472.68	1.15	ppb
Cadmium	106-1	471.41	473.31	473.71	472.81	0.26	ppb
Cadmium	108-1	468.55	474.87	474.58	472.67	0.76	ppb
Calcium	43-1	244494.49	251558.41	257263.00	251105.30	2.55	ppb
Calcium	44-1	238641.17	245168.22	248708.16	244172.52	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.77	483.30	481.40	490.82	3.00	ppb
Cobalt	59-2	505.58	486.75	479.93	490.76	2.71	ppb
Copper	63-2	5327.53	5154.91	5030.97	5171.14	2.88	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				107		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	133937.62	126970.21	126881.96	129263.26	3.13	ppb
Iron	56-2	126881.62	126492.86	125763.18	126379.22	0.45	ppb
Iron	57-2	137146.77	125165.04	124832.79	129048.20	5.44	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:38:34	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2503.02	2406.44	2384.67	2431.38	2.59	ppb
Lead	207-1	2475.35	2393.51	2411.68	2426.85	1.77	ppb
Lead	208-1	2479.15	2437.05	2413.17	2443.12	1.37	ppb
Lithium	6-1				111		%
Magnesium	24-2	260125.53	246927.79	245673.88	250909.07	3.19	ppb
Manganese	55-2	5027.76	4944.86	4955.81	4976.14	0.90	ppb
Molybdenum	94-1	4833.60	4863.64	4896.26	4864.50	0.64	ppb
Molybdenum	95-1	4915.22	4951.84	4820.58	4895.88	1.38	ppb
Molybdenum	96-1	4963.37	4903.47	4826.41	4897.75	1.40	ppb
Molybdenum	97-1	4954.18	4855.46	4910.34	4906.66	1.01	ppb
Molybdenum	98-1	4802.94	4951.84	4835.82	4863.53	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.32	515.43	508.65	517.47	1.93	ppb
Phosphorus	31-2	9999.80	9998.17	9797.10	9931.69	1.17	ppb
Potassium	39-2	126212.63	122288.77	120051.37	122850.92	2.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	485.85	482.70	474.66	481.07	1.20	ppb
Selenium	77-2	540.08	450.56	461.60	484.08	10.08	ppb
Selenium	78-2	525.79	504.96	503.99	511.58	2.41	ppb
Silicon	28-1	483.78	494.69	509.13	495.87	2.57	ppb
Silver	107-1	492.10	494.57	490.37	492.34	0.43	ppb
Silver	109-1	492.32	474.64	487.42	484.80	1.88	ppb
Sodium	23-2	266246.24	248674.08	249346.31	254755.54	3.91	ppb
Strontium	86-1	12211.24	12339.04	12037.21	12195.83	1.24	ppb
Strontium	88-1	11998.55	12296.65	11732.57	12009.26	2.35	ppb
Sulfur	34-1	9859.69	9544.82	9926.47	9777.00	2.08	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	495.64	497.82	486.13	493.20	1.26	ppb
Thallium	205-1	504.03	494.20	475.19	491.14	2.99	ppb
Tin	118-1	476.37	481.97	457.95	472.10	2.66	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:38:34	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4917.36	4897.24	4891.41	4902.01	0.28	ppb
Uranium	238-1	502.95	497.59	499.28	499.94	0.55	ppb
Vanadium	51-2	520.35	504.47	494.25	506.36	2.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	5085.27	4828.06	4837.36	4916.90	2.97	ppb
Zirconium	90-1	491.30	494.66	485.77	490.58	0.91	ppb
Zirconium	91-1	488.03	490.11	477.63	485.26	1.38	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:45:30	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.49	0.21	0.31	51.51	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	13.12	ppb
Arsenic	75-2	0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.03	0.02	0.02	23.42	ppb
Barium	137-1	0.00	0.01	0.01	0.00	126.35	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	57.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	6.89	7.22	7.68	7.26	5.48	ppb
Boron	11-1	7.76	7.29	7.53	7.53	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.21	-0.09	-0.17		ppb
Cadmium	106-1	-3.62	-2.97	-1.73	-2.77		ppb
Cadmium	108-1	-0.32	-0.29	-0.18	-0.26		ppb
Calcium	43-1	-6.81	-5.36	-4.64	-5.61		ppb
Calcium	44-1	-3.39	-2.98	-2.14	-2.84		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.07	-0.03	-0.05		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.15	0.10	0.14	0.13	19.91	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				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	1.32	0.92	3.15	1.80	66.19	ppb
Iron	56-2	1.61	1.08	1.12	1.27	23.15	ppb
Iron	57-2	1.30	2.51	0.06	1.29	95.14	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:45:30	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.04	0.05	31.19	ppb
Lead	207-1	0.07	0.06	0.09	0.07	26.46	ppb
Lead	208-1	0.06	0.06	0.07	0.06	13.06	ppb
Lithium	6-1				113		%
Magnesium	24-2	4.02	2.32	1.56	2.63	47.93	ppb
Manganese	55-2	0.08	0.03	0.03	0.05	58.89	ppb
Molybdenum	94-1	0.06	0.04	0.07	0.06	27.87	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	18.87	ppb
Molybdenum	96-1	0.12	0.09	0.07	0.09	26.98	ppb
Molybdenum	97-1	0.06	0.07	0.04	0.06	23.05	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.07	8.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-28.98	-11.75	-16.98	-19.24		ppb
Potassium	39-2	-5.16	-4.24	-3.04	-4.15		ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	-0.15	0.73	0.76	0.45	115.98	ppb
Selenium	77-2	-0.28	-0.28	0.55	0.00		ppb
Selenium	78-2	0.22	-1.37	-0.61	-0.59		ppb
Silicon	28-1	-9.60	-8.75	-4.02	-7.46		ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.61	ppb
Silver	109-1	0.04	0.03	0.03	0.03	15.59	ppb
Sodium	23-2	15.72	17.00	14.73	15.82	7.18	ppb
Strontium	86-1	-0.38	-0.04	-0.14	-0.18		ppb
Strontium	88-1	0.08	0.06	0.08	0.07	13.18	ppb
Sulfur	34-1	-652.54	-541.66	-287.28	-493.83		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.04	0.05	10.23	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	14.20	ppb
Tin	118-1	-0.08	-0.09	-0.02	-0.06		ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:45:30	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.06	0.06	0.05	21.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.74	ppb
Vanadium	51-2	0.00	-0.01	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				103		%
Zinc	66-2	0.00	0.09	0.01	0.03	151.98	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	140.16	ppb
Zirconium	91-1	0.01	0.03	0.06	0.03	78.50	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01DLX5	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:48:36	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3464.99	3426.39	3356.52	3415.97	1.61	ppb
Antimony	121-1	0.25	0.28	0.24	0.26	7.31	ppb
Arsenic	75-2	313.93	312.01	317.82	314.59	0.94	ppb
Barium	135-1	47.83	48.66	47.39	47.96	1.35	ppb
Barium	137-1	47.18	48.99	48.85	48.34	2.09	ppb
Beryllium	9-1	0.07	0.08	0.06	0.07	17.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	5.12	5.25	4.84	5.07	4.10	ppb
Boron	11-1	5.66	5.46	4.99	5.37	6.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-1.37	-1.65	-1.27	-1.43		ppb
Cadmium	108-1	0.06	-0.04	-0.18	-0.05		ppb
Calcium	43-1	1416.19	1423.31	1433.72	1424.41	0.62	ppb
Calcium	44-1	1395.14	1431.96	1409.87	1412.32	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.29	6.89	7.09	7.09	2.83	ppb
Cobalt	59-2	4.94	4.69	4.71	4.78	2.94	ppb
Copper	63-2	21.15	20.55	20.84	20.85	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				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	13534.75	13228.36	13226.87	13329.99	1.33	ppb
Iron	56-2	13269.30	13321.78	13129.15	13240.07	0.75	ppb
Iron	57-2	12912.45	12930.92	12913.80	12919.06	0.08	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01DLX5	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:48:36	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	94.15	96.84	94.96	95.32	1.45	ppb
Lead	207-1	89.86	92.83	89.02	90.57	2.21	ppb
Lead	208-1	91.20	94.82	92.22	92.75	2.02	ppb
Lithium	6-1				111		%
Magnesium	24-2	2395.90	2373.03	2357.60	2375.51	0.81	ppb
Manganese	55-2	186.01	177.97	180.41	181.46	2.27	ppb
Molybdenum	94-1	2.51	2.58	2.32	2.47	5.51	ppb
Molybdenum	95-1	2.30	2.33	2.39	2.34	1.90	ppb
Molybdenum	96-1	2.64	2.57	2.58	2.60	1.43	ppb
Molybdenum	97-1	2.08	2.45	2.23	2.25	8.15	ppb
Molybdenum	98-1	2.30	2.34	2.21	2.28	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.27	5.30	5.39	5.32	1.18	ppb
Phosphorus	31-2	240.76	220.54	224.32	228.54	4.70	ppb
Potassium	39-2	417.40	405.79	394.11	405.77	2.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	0.10	0.87	2.21	1.06	100.37	ppb
Selenium	77-2	2.16	1.36	-0.28	1.08	115.68	ppb
Selenium	78-2	0.53	1.60	1.15	1.09	49.31	ppb
Silicon	28-1	574.18	582.70	573.89	576.92	0.87	ppb
Silver	107-1	0.53	0.55	0.54	0.54	2.32	ppb
Silver	109-1	0.54	0.64	0.57	0.58	8.69	ppb
Sodium	23-2	139.71	139.06	135.54	138.11	1.62	ppb
Strontium	86-1	28.75	30.10	28.75	29.20	2.66	ppb
Strontium	88-1	29.02	29.89	29.34	29.42	1.49	ppb
Sulfur	34-1	1002.50	984.86	906.85	964.74	5.28	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.05	0.03	0.05	40.18	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	1.63	ppb
Tin	118-1	0.82	0.78	0.90	0.84	7.06	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01DLX5	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:48:36	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	113.43	119.26	115.45	116.05	2.55	ppb
Uranium	238-1	0.25	0.27	0.25	0.26	3.27	ppb
Vanadium	51-2	17.87	17.78	17.01	17.55	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	48.15	48.00	46.64	47.60	1.75	ppb
Zirconium	90-1	0.35	0.35	0.31	0.34	7.54	ppb
Zirconium	91-1	0.36	0.43	0.39	0.40	9.60	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 17:51:38	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12262.04	12674.21	12774.78	12570.34	2.16	ppb
Antimony	121-1	0.62	0.63	0.65	0.63	2.39	ppb
Arsenic	75-2	564.08	579.36	604.45	582.63	3.50	ppb
Barium	135-1	101.41	101.27	99.34	100.67	1.15	ppb
Barium	137-1	102.66	102.39	102.51	102.52	0.13	ppb
Beryllium	9-1	0.36	0.38	0.39	0.38	4.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	4.17	4.35	5.23	4.58	12.32	ppb
Boron	11-1	4.56	4.94	4.59	4.70	4.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.45	0.40	0.43	6.18	ppb
Cadmium	106-1	1.29	0.98	0.58	0.95	37.36	ppb
Cadmium	108-1	0.79	1.42	0.70	0.97	40.01	ppb
Calcium	43-1	4651.79	4627.82	4730.25	4669.95	1.15	ppb
Calcium	44-1	4607.22	4769.26	4725.34	4700.61	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.19	32.37	32.54	32.04	2.29	ppb
Cobalt	59-2	26.99	27.02	27.29	27.10	0.61	ppb
Copper	63-2	77.43	79.85	82.48	79.92	3.16	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				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	37988.69	37780.63	40576.23	38781.85	4.02	ppb
Iron	56-2	37269.66	38148.75	38974.75	38131.05	2.24	ppb
Iron	57-2	35952.96	37500.40	37411.33	36954.90	2.35	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 17:51:38	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	90.62	92.37	91.31	91.44	0.97	ppb
Lead	207-1	88.63	88.58	88.83	88.68	0.15	ppb
Lead	208-1	89.89	90.78	90.95	90.54	0.63	ppb
Lithium	6-1				114		%
Magnesium	24-2	8710.06	8767.02	8970.45	8815.84	1.55	ppb
Manganese	55-2	723.81	748.65	766.76	746.41	2.89	ppb
Molybdenum	94-1	2.23	2.22	2.22	2.22	0.42	ppb
Molybdenum	95-1	1.46	1.45	1.35	1.42	4.23	ppb
Molybdenum	96-1	2.23	2.48	2.20	2.31	6.66	ppb
Molybdenum	97-1	1.39	1.52	1.48	1.46	4.66	ppb
Molybdenum	98-1	1.33	1.43	1.46	1.41	4.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.51	40.28	41.98	40.59	3.11	ppb
Phosphorus	31-2	856.40	850.27	817.24	841.30	2.50	ppb
Potassium	39-2	1074.25	1099.40	1125.27	1099.64	2.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.13	1.41	0.96	0.83	78.10	ppb
Selenium	77-2	4.37	5.36	3.91	4.55	16.33	ppb
Selenium	78-2	1.70	3.00	1.65	2.11	36.12	ppb
Silicon	28-1	1599.41	1607.71	1600.16	1602.42	0.29	ppb
Silver	107-1	0.42	0.46	0.41	0.43	5.82	ppb
Silver	109-1	0.45	0.42	0.41	0.43	5.33	ppb
Sodium	23-2	182.46	193.01	194.74	190.07	3.50	ppb
Strontium	86-1	44.28	44.37	43.46	44.04	1.14	ppb
Strontium	88-1	43.20	43.65	43.33	43.39	0.53	ppb
Sulfur	34-1	1175.07	1028.22	1075.15	1092.81	6.86	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.06	0.05	27.63	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	26.68	ppb
Tin	118-1	2.25	2.21	2.13	2.20	2.78	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 17:51:38	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	203.53	207.10	209.58	206.74	1.47	ppb
Uranium	238-1	0.42	0.42	0.43	0.43	1.97	ppb
Vanadium	51-2	61.18	61.85	62.53	61.85	1.09	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	398.24	413.30	414.19	408.58	2.19	ppb
Zirconium	90-1	0.53	0.53	0.51	0.52	1.96	ppb
Zirconium	91-1	0.61	0.58	0.63	0.61	4.11	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:54:39	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1597.00	1490.17	1109.28	1398.82	18.33	ppb
Antimony	121-1	0.66	0.69	0.70	0.68	3.27	ppb
Arsenic	75-2	610.18	564.79	424.59	533.19	18.15	ppb
Barium	135-1	35.03	34.18	35.40	34.87	1.79	ppb
Barium	137-1	35.43	35.88	36.02	35.78	0.86	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	7.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				86		%
Boron	10-1	2.27	2.34	2.04	2.22	7.24	ppb
Boron	11-1	2.59	2.25	2.44	2.43	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.09	0.05	-0.08		ppb
Cadmium	106-1	-3.08	-1.53	0.27	-1.45		ppb
Cadmium	108-1	0.03	0.04	0.11	0.06	72.63	ppb
Calcium	43-1	345.92	332.84	342.01	340.26	1.97	ppb
Calcium	44-1	325.71	316.28	322.50	321.50	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.00	2.77	2.08	2.62	18.24	ppb
Cobalt	59-2	1.89	1.73	1.32	1.65	18.07	ppb
Copper	63-2	18.32	17.33	13.20	16.28	16.69	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				103		%
Holmium	165-2				87		%
Indium	115-1				103		%
Indium	115-2				85		%
Iron	54-2	15588.65	14703.44	10933.89	13741.99	17.99	ppb
Iron	56-2	15660.82	14909.06	10969.82	13846.57	18.20	ppb
Iron	57-2	15159.44	14312.48	10666.38	13379.43	17.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:54:39	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	298.84	297.26	284.05	293.38	2.77	ppb
Lead	207-1	287.80	275.44	271.04	278.09	3.13	ppb
Lead	208-1	297.30	292.21	285.07	291.53	2.11	ppb
Lithium	6-1				111		%
Magnesium	24-2	975.32	962.27	713.53	883.70	16.69	ppb
Manganese	55-2	59.69	54.71	41.17	51.85	18.47	ppb
Molybdenum	94-1	6.60	6.44	6.36	6.47	1.93	ppb
Molybdenum	95-1	7.05	7.42	7.04	7.17	2.99	ppb
Molybdenum	96-1	7.45	7.42	7.08	7.32	2.78	ppb
Molybdenum	97-1	6.95	7.22	7.07	7.08	1.92	ppb
Molybdenum	98-1	7.15	7.50	6.90	7.18	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.19	1.42	1.95	23.87	ppb
Phosphorus	31-2	96.22	129.04	60.06	95.11	36.28	ppb
Potassium	39-2	656.95	625.02	412.01	564.66	23.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				84		%
Scandium	45-1				106		%
Scandium	45-2				87		%
Selenium	82-1	3.61	2.67	1.81	2.70	33.44	ppb
Selenium	77-2	4.41	5.12	1.37	3.63	54.92	ppb
Selenium	78-2	5.25	8.46	3.29	5.67	46.03	ppb
Silicon	28-1	237.64	226.18	227.87	230.56	2.68	ppb
Silver	107-1	1.52	1.65	1.70	1.62	5.42	ppb
Silver	109-1	1.61	1.62	1.68	1.64	2.35	ppb
Sodium	23-2	199.28	191.30	127.84	172.81	22.65	ppb
Strontium	86-1	59.60	63.65	61.09	61.45	3.33	ppb
Strontium	88-1	60.39	62.01	60.03	60.81	1.74	ppb
Sulfur	34-1	1861.38	1610.68	1662.83	1711.63	7.73	ppb
Terbium	159-1				103		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.01	0.01	0.01	4.53	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	654.90	ppb
Tin	118-1	0.47	0.49	0.42	0.46	7.80	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:54:39	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	64.33	62.70	63.69	63.57	1.29	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.73	ppb
Vanadium	51-2	11.13	10.38	7.59	9.70	19.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				85		%
Zinc	66-2	22.73	20.03	15.34	19.37	19.29	ppb
Zirconium	90-1	0.28	0.28	0.25	0.27	6.61	ppb
Zirconium	91-1	0.36	0.38	0.38	0.37	3.66	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:57:41	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1081.25	943.06	1026.73	1017.02	6.84	ppb
Antimony	121-1	0.59	0.62	0.60	0.60	2.90	ppb
Arsenic	75-2	395.44	343.15	374.38	370.99	7.09	ppb
Barium	135-1	34.39	33.22	33.57	33.73	1.79	ppb
Barium	137-1	35.02	34.92	34.39	34.78	0.98	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	55.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				115		%
Boron	10-1	1.79	1.83	1.36	1.66	15.83	ppb
Boron	11-1	1.98	1.73	1.79	1.83	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.00	-0.11	-0.02		ppb
Cadmium	106-1	0.02	-0.34	-1.92	-0.75		ppb
Cadmium	108-1	0.29	-0.17	-0.07	0.01	1855.03	ppb
Calcium	43-1	335.57	332.60	337.37	335.18	0.72	ppb
Calcium	44-1	323.67	318.34	318.43	320.15	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	1.69	1.86	1.88	10.51	ppb
Cobalt	59-2	1.27	1.06	1.24	1.19	9.19	ppb
Copper	63-2	11.85	10.53	11.40	11.26	5.98	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				101		%
Holmium	165-2				112		%
Indium	115-1				102		%
Indium	115-2				110		%
Iron	54-2	10239.62	8966.22	9812.71	9672.85	6.70	ppb
Iron	56-2	10441.97	9043.39	9605.83	9697.06	7.26	ppb
Iron	57-2	10243.09	8659.10	9484.45	9462.21	8.37	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:57:41	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	275.37	270.50	270.02	271.97	1.09	ppb
Lead	207-1	257.33	259.14	254.48	256.99	0.91	ppb
Lead	208-1	272.40	271.25	269.58	271.07	0.52	ppb
Lithium	6-1				111		%
Magnesium	24-2	692.14	611.24	662.62	655.33	6.25	ppb
Manganese	55-2	40.32	35.52	38.14	37.99	6.33	ppb
Molybdenum	94-1	6.05	6.46	6.38	6.30	3.40	ppb
Molybdenum	95-1	6.98	6.69	6.85	6.84	2.13	ppb
Molybdenum	96-1	7.18	7.13	7.23	7.18	0.70	ppb
Molybdenum	97-1	6.87	6.52	7.00	6.80	3.59	ppb
Molybdenum	98-1	6.78	6.64	6.70	6.71	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.62	1.37	1.50	1.50	8.55	ppb
Phosphorus	31-2	78.91	43.35	40.61	54.29	39.36	ppb
Potassium	39-2	389.53	321.73	383.59	364.95	10.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				103		%
Scandium	45-2				113		%
Selenium	82-1	1.52	2.82	2.16	2.17	30.18	ppb
Selenium	77-2	4.61	2.57	2.06	3.08	43.78	ppb
Selenium	78-2	3.25	1.20	1.54	1.99	55.03	ppb
Silicon	28-1	249.80	246.49	245.49	247.26	0.91	ppb
Silver	107-1	1.60	1.56	1.60	1.59	1.35	ppb
Silver	109-1	1.52	1.57	1.56	1.55	1.48	ppb
Sodium	23-2	120.51	100.88	107.72	109.70	9.08	ppb
Strontium	86-1	59.63	59.17	59.44	59.41	0.39	ppb
Strontium	88-1	59.40	58.18	58.79	58.79	1.04	ppb
Sulfur	34-1	1730.62	1795.92	1682.19	1736.24	3.29	ppb
Terbium	159-1				103		%
Terbium	159-2				113		%
Thallium	203-1	0.01	0.01	0.01	0.01	37.83	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	64.11	ppb
Tin	118-1	0.48	0.46	0.37	0.44	12.70	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:57:41	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	61.71	61.18	61.02	61.30	0.59	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.03	ppb
Vanadium	51-2	7.17	6.41	6.79	6.79	5.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				111		%
Zinc	66-2	15.60	13.40	14.53	14.51	7.57	ppb
Zirconium	90-1	0.29	0.27	0.32	0.29	8.34	ppb
Zirconium	91-1	0.28	0.31	0.37	0.32	14.47	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:00:44	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14075.54	14357.08	14059.80	14164.14	1.18	ppb
Antimony	121-1	0.62	0.54	0.56	0.57	6.90	ppb
Arsenic	75-2	871.39	872.40	881.91	875.23	0.66	ppb
Barium	135-1	132.28	123.57	123.73	126.53	3.94	ppb
Barium	137-1	136.95	127.52	124.47	129.65	5.02	ppb
Beryllium	9-1	0.51	0.52	0.47	0.50	5.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				108		%
Boron	10-1	2.28	2.17	1.98	2.14	7.00	ppb
Boron	11-1	2.21	2.18	2.03	2.14	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.21	0.12	0.18	27.96	ppb
Cadmium	106-1	-0.58	-0.66	-1.83	-1.02		ppb
Cadmium	108-1	0.42	0.33	0.51	0.42	21.66	ppb
Calcium	43-1	5176.02	4904.45	4879.66	4986.71	3.30	ppb
Calcium	44-1	5240.35	4879.82	4791.82	4970.67	4.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.64	25.89	24.80	25.44	2.24	ppb
Cobalt	59-2	21.97	21.90	21.73	21.87	0.57	ppb
Copper	63-2	89.63	90.10	89.48	89.74	0.36	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				101		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	51347.27	51384.56	49868.73	50866.85	1.70	ppb
Iron	56-2	50938.84	49535.99	48731.91	49735.58	2.25	ppb
Iron	57-2	50701.53	50662.83	51592.18	50985.51	1.03	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:00:44	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	90.34	82.14	84.18	85.55	4.99	ppb
Lead	207-1	83.89	77.34	80.99	80.74	4.06	ppb
Lead	208-1	86.71	79.63	82.52	82.95	4.29	ppb
Lithium	6-1				110		%
Magnesium	24-2	9190.71	9368.16	9209.56	9256.14	1.05	ppb
Manganese	55-2	764.81	754.39	756.55	758.59	0.72	ppb
Molybdenum	94-1	4.22	3.74	3.91	3.96	6.18	ppb
Molybdenum	95-1	2.06	1.92	1.81	1.93	6.37	ppb
Molybdenum	96-1	3.20	3.24	3.07	3.17	2.81	ppb
Molybdenum	97-1	2.22	1.85	1.93	2.00	9.79	ppb
Molybdenum	98-1	1.97	1.88	1.83	1.89	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.39	26.08	24.76	25.08	3.55	ppb
Phosphorus	31-2	763.72	756.08	735.81	751.87	1.92	ppb
Potassium	39-2	1243.39	1271.52	1242.91	1252.61	1.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	3.09	2.82	2.13	2.68	18.47	ppb
Selenium	77-2	7.46	5.13	2.88	5.16	44.40	ppb
Selenium	78-2	0.84	1.75	0.87	1.16	44.61	ppb
Silicon	28-1	2121.79	1872.21	1834.80	1942.93	8.03	ppb
Silver	107-1	0.45	0.42	0.38	0.42	8.27	ppb
Silver	109-1	0.46	0.42	0.35	0.41	12.54	ppb
Sodium	23-2	139.20	138.01	136.34	137.85	1.04	ppb
Strontium	86-1	46.99	44.45	45.49	45.64	2.80	ppb
Strontium	88-1	48.10	44.96	44.48	45.85	4.29	ppb
Sulfur	34-1	839.90	486.04	220.83	515.59	60.24	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.03	0.08	0.05	41.61	ppb
Thallium	205-1	0.07	0.04	0.06	0.06	21.31	ppb
Tin	118-1	1.28	1.19	1.09	1.19	8.29	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:00:44	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	344.91	336.75	325.45	335.71	2.91	ppb
Uranium	238-1	0.61	0.53	0.58	0.57	7.46	ppb
Vanadium	51-2	79.73	83.16	81.47	81.45	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	147.79	145.45	144.84	146.03	1.07	ppb
Zirconium	90-1	1.35	1.26	1.24	1.28	4.70	ppb
Zirconium	91-1	1.54	1.37	1.31	1.41	8.69	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DL2X5	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 18:03:42	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5329.76	5364.20	5416.52	5370.16	0.81	ppb
Antimony	121-1	0.21	0.22	0.23	0.22	3.54	ppb
Arsenic	75-2	328.50	341.21	339.32	336.34	2.04	ppb
Barium	135-1	48.26	51.24	47.43	48.98	4.09	ppb
Barium	137-1	49.17	53.31	48.31	50.27	5.32	ppb
Beryllium	9-1	0.19	0.19	0.18	0.19	4.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				110		%
Boron	10-1	1.13	1.36	1.05	1.18	13.58	ppb
Boron	11-1	1.10	1.37	1.04	1.17	15.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	0.16	-0.08	0.00		ppb
Cadmium	106-1	-2.49	0.74	-2.53	-1.43		ppb
Cadmium	108-1	0.20	0.10	-0.15	0.05	361.56	ppb
Calcium	43-1	1891.92	1983.25	1893.13	1922.77	2.72	ppb
Calcium	44-1	1872.03	1972.14	1863.84	1902.67	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.69	9.69	10.19	9.85	2.91	ppb
Cobalt	59-2	8.35	8.32	8.73	8.47	2.66	ppb
Copper	63-2	34.23	35.39	36.10	35.24	2.68	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				110		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	54-2	19208.84	20437.54	19906.15	19850.84	3.10	ppb
Iron	56-2	19060.70	19547.81	19799.99	19469.50	1.93	ppb
Iron	57-2	18109.96	18801.47	19055.41	18655.62	2.62	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DL2X5	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 18:03:42	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	30.38	34.41	31.04	31.94	6.76	ppb
Lead	207-1	29.63	31.94	29.06	30.21	5.04	ppb
Lead	208-1	30.10	33.10	30.06	31.08	5.61	ppb
Lithium	6-1				110		%
Magnesium	24-2	3440.54	3553.43	3599.25	3531.08	2.31	ppb
Manganese	55-2	284.77	297.22	296.69	292.89	2.40	ppb
Molybdenum	94-1	1.57	1.60	1.58	1.59	0.97	ppb
Molybdenum	95-1	0.85	0.85	0.72	0.81	9.07	ppb
Molybdenum	96-1	1.23	1.26	1.26	1.25	1.68	ppb
Molybdenum	97-1	0.87	0.87	0.71	0.81	11.21	ppb
Molybdenum	98-1	0.76	0.81	0.75	0.77	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.52	10.61	10.39	10.17	5.67	ppb
Phosphorus	31-2	256.22	263.73	247.47	255.80	3.18	ppb
Potassium	39-2	451.04	470.90	475.96	465.97	2.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				111		%
Scandium	45-1				107		%
Scandium	45-2				113		%
Selenium	82-1	1.46	0.88	2.67	1.67	54.62	ppb
Selenium	77-2	5.78	4.41	2.07	4.09	45.88	ppb
Selenium	78-2	0.54	1.00	0.31	0.62	56.58	ppb
Silicon	28-1	734.81	769.46	719.85	741.37	3.43	ppb
Silver	107-1	0.16	0.17	0.15	0.16	4.18	ppb
Silver	109-1	0.15	0.16	0.14	0.15	7.48	ppb
Sodium	23-2	56.73	62.75	65.22	61.57	7.09	ppb
Strontium	86-1	18.16	18.78	17.31	18.08	4.10	ppb
Strontium	88-1	17.42	18.62	17.22	17.76	4.26	ppb
Sulfur	34-1	-786.99	-528.27	-839.50	-718.25		ppb
Terbium	159-1				103		%
Terbium	159-2				112		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.01	-0.02	0.00		ppb
Tin	118-1	0.51	0.55	0.50	0.52	5.46	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DL2X5	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 18:03:42	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	126.86	132.33	126.31	128.50	2.59	ppb
Uranium	238-1	0.19	0.22	0.20	0.20	6.65	ppb
Vanadium	51-2	30.67	31.95	31.92	31.51	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	55.25	57.19	56.31	56.25	1.72	ppb
Zirconium	90-1	0.46	0.50	0.45	0.47	6.31	ppb
Zirconium	91-1	0.49	0.57	0.45	0.50	12.85	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:06:46	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2842.89	2769.85	2832.65	2815.13	1.40	ppb
Antimony	121-1	0.15	0.17	0.13	0.15	12.23	ppb
Arsenic	75-2	390.58	395.23	393.60	393.14	0.60	ppb
Barium	135-1	44.91	47.08	43.44	45.14	4.06	ppb
Barium	137-1	45.44	45.48	45.60	45.50	0.18	ppb
Beryllium	9-1	0.10	0.11	0.12	0.11	9.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	0.62	0.73	0.24	0.53	48.11	ppb
Boron	11-1	0.63	0.70	0.55	0.62	11.49	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.08	-0.14	-0.09		ppb
Cadmium	106-1	-1.39	-1.95	-2.39	-1.91		ppb
Cadmium	108-1	-0.32	-0.11	-0.08	-0.17		ppb
Calcium	43-1	748.88	768.56	778.01	765.15	1.94	ppb
Calcium	44-1	748.16	772.38	777.22	765.92	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.40	11.54	11.89	11.94	3.61	ppb
Cobalt	59-2	2.43	2.54	2.54	2.51	2.46	ppb
Copper	63-2	19.01	18.51	18.73	18.75	1.35	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				103		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	16224.98	15583.37	15977.07	15928.48	2.03	ppb
Iron	56-2	16133.04	15932.61	15682.74	15916.13	1.42	ppb
Iron	57-2	15665.56	15256.31	15371.95	15431.27	1.37	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:06:46	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	55.72	55.00	56.92	55.88	1.73	ppb
Lead	207-1	54.47	53.92	54.18	54.19	0.51	ppb
Lead	208-1	54.86	54.48	55.08	54.81	0.55	ppb
Lithium	6-1				108		%
Magnesium	24-2	1077.48	1051.91	1096.99	1075.46	2.10	ppb
Manganese	55-2	74.79	72.37	73.37	73.51	1.65	ppb
Molybdenum	94-1	1.85	2.02	2.01	1.96	4.82	ppb
Molybdenum	95-1	1.13	1.30	1.21	1.22	6.91	ppb
Molybdenum	96-1	1.65	1.67	1.57	1.63	3.16	ppb
Molybdenum	97-1	1.18	1.28	1.29	1.25	4.85	ppb
Molybdenum	98-1	1.24	1.16	1.16	1.19	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.88	3.95	3.55	3.79	5.71	ppb
Phosphorus	31-2	147.02	188.61	155.55	163.73	13.42	ppb
Potassium	39-2	712.97	708.18	717.35	712.83	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	0.92	0.53	-0.84	0.20	455.52	ppb
Selenium	77-2	0.50	2.88	0.52	1.30	105.38	ppb
Selenium	78-2	1.52	0.59	1.79	1.30	48.55	ppb
Silicon	28-1	350.87	357.74	366.69	358.43	2.21	ppb
Silver	107-1	0.21	0.25	0.20	0.22	11.06	ppb
Silver	109-1	0.21	0.22	0.23	0.22	3.77	ppb
Sodium	23-2	51.59	47.43	53.19	50.74	5.86	ppb
Strontium	86-1	28.30	28.95	28.66	28.64	1.12	ppb
Strontium	88-1	29.00	28.78	28.62	28.80	0.66	ppb
Sulfur	34-1	8.13	151.98	159.12	106.41	80.06	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.22	0.19	0.25	0.22	13.71	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:06:46	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	106.51	111.12	111.22	109.61	2.46	ppb
Uranium	238-1	0.11	0.10	0.09	0.10	10.43	ppb
Vanadium	51-2	27.20	26.61	27.58	27.13	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	14.63	14.26	14.40	14.43	1.31	ppb
Zirconium	90-1	0.47	0.54	0.44	0.48	9.80	ppb
Zirconium	91-1	0.65	0.55	0.51	0.57	12.83	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:09:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2364.54	2386.88	2417.79	2389.74	1.12	ppb
Antimony	121-1	0.13	0.18	0.17	0.16	17.50	ppb
Arsenic	75-2	334.02	332.09	327.07	331.06	1.08	ppb
Barium	135-1	37.57	50.74	41.93	43.42	15.45	ppb
Barium	137-1	38.46	51.63	43.19	44.43	15.02	ppb
Beryllium	9-1	0.11	0.14	0.10	0.12	16.39	ppb
Bismuth	209-1				88		%
Bismuth	209-2				107		%
Boron	10-1	0.65	1.23	0.84	0.91	32.81	ppb
Boron	11-1	0.57	1.68	0.71	0.99	61.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.04	-0.28	-0.13		ppb
Cadmium	106-1	-1.63	-1.55	-4.33	-2.51		ppb
Cadmium	108-1	-0.11	-0.20	-0.16	-0.15		ppb
Calcium	43-1	654.97	904.97	758.02	772.65	16.26	ppb
Calcium	44-1	671.96	890.07	751.31	771.11	14.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.54	9.38	9.70	9.54	1.64	ppb
Cobalt	59-2	2.17	2.23	2.16	2.19	1.74	ppb
Copper	63-2	15.45	15.72	16.05	15.74	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				90		%
Holmium	165-2				106		%
Indium	115-1				89		%
Indium	115-2				106		%
Iron	54-2	13155.88	13007.71	13084.57	13082.72	0.57	ppb
Iron	56-2	13273.66	13148.47	13261.17	13227.77	0.52	ppb
Iron	57-2	12598.25	13072.15	12893.75	12854.72	1.86	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:09:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	47.27	63.69	52.47	54.48	15.41	ppb
Lead	207-1	45.19	62.34	48.70	52.08	17.39	ppb
Lead	208-1	46.76	62.09	50.58	53.14	15.02	ppb
Lithium	6-1				93		%
Magnesium	24-2	906.81	921.59	922.40	916.93	0.96	ppb
Manganese	55-2	61.73	62.03	62.50	62.09	0.62	ppb
Molybdenum	94-1	1.89	2.22	1.89	2.00	9.34	ppb
Molybdenum	95-1	1.09	1.50	1.13	1.24	18.05	ppb
Molybdenum	96-1	1.52	2.08	1.64	1.75	16.94	ppb
Molybdenum	97-1	0.99	1.54	1.11	1.21	23.53	ppb
Molybdenum	98-1	1.05	1.37	1.15	1.19	13.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.36	3.32	3.20	3.29	2.45	ppb
Phosphorus	31-2	153.13	132.62	134.75	140.17	8.04	ppb
Potassium	39-2	601.84	608.77	597.96	602.86	0.91	ppb
Rhodium	103-1				87		%
Rhodium	103-2				106		%
Scandium	45-1				91		%
Scandium	45-2				109		%
Selenium	82-1	0.26	1.95	-0.22	0.66	172.32	ppb
Selenium	77-2	0.52	-0.28	1.33	0.52	154.93	ppb
Selenium	78-2	-0.17	0.50	2.10	0.81	143.93	ppb
Silicon	28-1	375.02	517.34	418.23	436.86	16.70	ppb
Silver	107-1	0.17	0.21	0.19	0.19	10.34	ppb
Silver	109-1	0.17	0.24	0.20	0.20	17.37	ppb
Sodium	23-2	43.60	45.82	45.93	45.12	2.92	ppb
Strontium	86-1	24.12	35.08	27.33	28.84	19.54	ppb
Strontium	88-1	24.79	33.34	26.73	28.28	15.84	ppb
Sulfur	34-1	71.67	1840.70	641.21	851.19	106.09	ppb
Terbium	159-1				91		%
Terbium	159-2				107		%
Thallium	203-1	0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.03	0.01	0.02	106.83	ppb
Tin	118-1	0.23	0.28	0.24	0.25	12.24	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:09:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	100.14	133.07	111.28	114.83	14.59	ppb
Uranium	238-1	0.08	0.12	0.08	0.09	25.84	ppb
Vanadium	51-2	22.17	22.69	22.34	22.40	1.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				106		%
Zinc	66-2	12.13	13.19	12.31	12.54	4.52	ppb
Zirconium	90-1	0.46	0.65	0.51	0.54	18.54	ppb
Zirconium	91-1	0.59	0.82	0.56	0.66	21.82	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:12:52	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17095.66	14853.54	14748.23	15565.81	8.52	ppb
Antimony	121-1	0.84	0.79	0.80	0.81	3.43	ppb
Arsenic	75-2	732.92	642.62	636.45	670.66	8.05	ppb
Barium	135-1	181.50	182.34	177.91	180.58	1.30	ppb
Barium	137-1	180.86	184.99	184.89	183.58	1.28	ppb
Beryllium	9-1	0.68	0.69	0.71	0.69	1.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	0.78	1.24	1.34	1.12	26.90	ppb
Boron	11-1	1.22	1.30	1.33	1.29	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.05	0.03	0.11	103.52	ppb
Cadmium	106-1	0.92	-1.55	-1.38	-0.67		ppb
Cadmium	108-1	0.03	0.41	0.20	0.21	91.08	ppb
Calcium	43-1	2823.20	2948.48	2843.62	2871.77	2.34	ppb
Calcium	44-1	2807.52	2941.29	2869.17	2872.66	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.35	24.92	24.04	25.77	8.84	ppb
Cobalt	59-2	20.98	18.43	18.27	19.23	7.90	ppb
Copper	63-2	70.73	61.32	62.29	64.78	7.99	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				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	69908.97	58918.42	59405.77	62744.39	9.90	ppb
Iron	56-2	66144.53	58030.07	56515.25	60229.95	8.60	ppb
Iron	57-2	68129.93	58656.74	56857.34	61214.67	9.89	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:12:52	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	117.79	118.03	117.57	117.80	0.20	ppb
Lead	207-1	111.47	111.71	112.26	111.81	0.36	ppb
Lead	208-1	115.20	115.58	114.74	115.18	0.36	ppb
Lithium	6-1				111		%
Magnesium	24-2	6448.95	5647.40	5532.34	5876.23	8.50	ppb
Manganese	55-2	909.43	796.35	791.65	832.48	8.01	ppb
Molybdenum	94-1	6.24	6.15	6.18	6.19	0.71	ppb
Molybdenum	95-1	2.25	2.28	2.13	2.22	3.57	ppb
Molybdenum	96-1	4.00	3.89	3.95	3.95	1.39	ppb
Molybdenum	97-1	2.25	2.31	2.35	2.30	2.21	ppb
Molybdenum	98-1	2.28	2.29	2.31	2.29	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.18	13.51	13.60	14.43	10.51	ppb
Phosphorus	31-2	1363.45	1063.36	1074.25	1167.02	14.58	ppb
Potassium	39-2	3466.90	3100.25	3114.98	3227.38	6.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	1.70	1.72	1.94	1.78	7.41	ppb
Selenium	77-2	6.78	17.91	10.66	11.78	47.95	ppb
Selenium	78-2	3.70	3.44	2.48	3.21	20.13	ppb
Silicon	28-1	1482.23	1561.74	1557.93	1533.97	2.92	ppb
Silver	107-1	0.55	0.48	0.53	0.52	6.25	ppb
Silver	109-1	0.49	0.53	0.52	0.51	3.52	ppb
Sodium	23-2	102.91	85.80	87.02	91.91	10.39	ppb
Strontium	86-1	42.84	43.14	42.85	42.94	0.40	ppb
Strontium	88-1	43.81	43.73	43.01	43.52	1.01	ppb
Sulfur	34-1	91.02	232.46	52.10	125.19	75.81	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.03	0.03	0.04	50.32	ppb
Thallium	205-1	0.04	0.04	0.06	0.05	17.46	ppb
Tin	118-1	1.06	1.13	1.19	1.13	5.83	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:12:52	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	643.04	661.01	645.71	649.92	1.49	ppb
Uranium	238-1	0.60	0.66	0.63	0.63	4.34	ppb
Vanadium	51-2	116.47	101.82	101.60	106.63	7.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	88.43	76.41	75.94	80.26	8.82	ppb
Zirconium	90-1	2.16	2.28	2.17	2.20	3.10	ppb
Zirconium	91-1	2.05	2.22	2.30	2.19	5.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-01	Instrumnet Name :	P8
Client Sample ID :	YB6S2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:15:52	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32412.28	32303.94	31693.43	32136.55	1.21	ppb
Antimony	121-1	0.86	0.77	0.83	0.82	5.34	ppb
Arsenic	75-2	126.75	124.81	125.08	125.55	0.84	ppb
Barium	135-1	373.31	360.09	369.10	367.50	1.84	ppb
Barium	137-1	378.21	376.32	377.69	377.41	0.26	ppb
Beryllium	9-1	1.83	1.76	1.71	1.77	3.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	5.72	5.88	6.42	6.01	6.18	ppb
Boron	11-1	6.29	6.32	6.55	6.39	2.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.57	0.40	0.51	0.49	17.55	ppb
Cadmium	106-1	1.06	-0.06	0.56	0.52	107.74	ppb
Cadmium	108-1	0.47	0.96	0.52	0.65	42.02	ppb
Calcium	43-1	11670.90	11590.71	11510.04	11590.55	0.69	ppb
Calcium	44-1	11631.51	11406.18	11236.51	11424.73	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.61	132.42	129.36	130.46	1.30	ppb
Cobalt	59-2	59.34	59.99	58.54	59.29	1.23	ppb
Copper	63-2	161.73	162.34	159.15	161.07	1.05	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				110		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	119498.40	120535.68	115124.57	118386.22	2.43	ppb
Iron	56-2	118944.90	118413.52	113268.17	116875.53	2.68	ppb
Iron	57-2	115545.07	119116.67	114608.80	116423.51	2.04	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-01	Instrumnet Name :	P8
Client Sample ID :	YB6S2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:15:52	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	42.40	41.70	42.84	42.32	1.36	ppb
Lead	207-1	41.25	40.17	40.29	40.57	1.46	ppb
Lead	208-1	41.82	41.19	41.43	41.48	0.77	ppb
Lithium	6-1				117		%
Magnesium	24-2	12706.80	12603.05	12078.18	12462.67	2.70	ppb
Manganese	55-2	2815.23	2886.87	2756.73	2819.61	2.31	ppb
Molybdenum	94-1	5.75	5.42	5.50	5.56	3.11	ppb
Molybdenum	95-1	1.01	1.02	0.92	0.98	5.39	ppb
Molybdenum	96-1	3.84	3.83	3.82	3.83	0.29	ppb
Molybdenum	97-1	1.01	0.89	1.07	0.99	9.30	ppb
Molybdenum	98-1	0.98	0.90	0.86	0.91	6.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.16	48.54	47.16	47.62	1.68	ppb
Phosphorus	31-2	2733.08	2615.05	2481.10	2609.75	4.83	ppb
Potassium	39-2	6703.30	6843.32	6619.40	6722.01	1.68	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	0.43	0.51	1.11	0.68	54.90	ppb
Selenium	77-2	27.02	26.60	22.54	25.38	9.75	ppb
Selenium	78-2	4.47	3.53	3.71	3.90	12.78	ppb
Silicon	28-1	2758.70	2725.29	2689.69	2724.56	1.27	ppb
Silver	107-1	0.29	0.26	0.25	0.27	7.70	ppb
Silver	109-1	0.25	0.28	0.27	0.27	5.39	ppb
Sodium	23-2	102.17	112.61	101.31	105.36	5.97	ppb
Strontium	86-1	83.40	84.34	83.46	83.73	0.63	ppb
Strontium	88-1	85.04	83.93	81.74	83.57	2.01	ppb
Sulfur	34-1	-820.35	-834.16	-833.52	-829.34		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.11	0.12	0.14	0.12	11.38	ppb
Thallium	205-1	0.12	0.11	0.13	0.12	7.86	ppb
Tin	118-1	2.40	2.41	2.40	2.41	0.15	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-01	Instrumnet Name :	P8
Client Sample ID :	YB6S2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:15:52	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1332.78	1264.99	1285.21	1294.33	2.69	ppb
Uranium	238-1	1.46	1.53	1.51	1.50	2.31	ppb
Vanadium	51-2	282.82	276.35	273.17	277.45	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	167.67	168.92	164.99	167.19	1.20	ppb
Zirconium	90-1	2.48	2.50	2.37	2.45	2.70	ppb
Zirconium	91-1	2.36	2.39	2.42	2.39	1.12	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-02	Instrumnet Name :	P8
Client Sample ID :	YB6S3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:18:49	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2870.07	2789.67	2775.49	2811.74	1.81	ppb
Antimony	121-1	2.07	1.99	2.25	2.10	6.44	ppb
Arsenic	75-2	578.47	558.94	563.01	566.81	1.82	ppb
Barium	135-1	81.53	82.82	82.91	82.42	0.94	ppb
Barium	137-1	84.54	84.32	86.72	85.19	1.55	ppb
Beryllium	9-1	0.24	0.24	0.24	0.24	0.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	4.28	5.03	5.21	4.84	10.20	ppb
Boron	11-1	4.93	4.99	5.41	5.11	5.06	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	1.09	1.13	1.08	5.33	ppb
Cadmium	106-1	0.25	0.19	0.50	0.31	52.26	ppb
Cadmium	108-1	1.04	0.78	0.69	0.84	21.54	ppb
Calcium	43-1	31179.18	31174.28	32441.69	31598.39	2.31	ppb
Calcium	44-1	31132.24	31399.24	31879.73	31470.41	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.16	9.23	9.31	9.23	0.77	ppb
Cobalt	59-2	12.43	12.09	12.15	12.22	1.49	ppb
Copper	63-2	41.88	42.04	41.53	41.82	0.63	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				107		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	48111.40	48401.15	47196.28	47902.94	1.31	ppb
Iron	56-2	47444.99	47316.54	46866.89	47209.47	0.64	ppb
Iron	57-2	48449.87	46536.97	46596.39	47194.41	2.30	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-02	Instrumnet Name :	P8
Client Sample ID :	YB6S3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:18:49	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	32.31	33.02	32.37	32.57	1.22	ppb
Lead	207-1	30.70	31.29	32.35	31.45	2.67	ppb
Lead	208-1	31.25	32.24	32.15	31.88	1.72	ppb
Lithium	6-1				116		%
Magnesium	24-2	14000.13	13868.17	13500.02	13789.44	1.88	ppb
Manganese	55-2	1045.59	1028.90	1020.75	1031.75	1.23	ppb
Molybdenum	94-1	3.03	2.99	2.81	2.94	4.01	ppb
Molybdenum	95-1	1.60	1.62	1.54	1.59	2.53	ppb
Molybdenum	96-1	2.70	2.94	2.60	2.75	6.41	ppb
Molybdenum	97-1	1.63	1.59	1.59	1.61	1.47	ppb
Molybdenum	98-1	1.60	1.55	1.48	1.54	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.05	37.23	38.01	37.76	1.22	ppb
Phosphorus	31-2	2179.07	2188.34	2111.69	2159.70	1.94	ppb
Potassium	39-2	612.09	583.00	607.59	600.89	2.61	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	1.28	1.70	1.59	1.52	14.11	ppb
Selenium	77-2	5.40	4.46	3.73	4.53	18.49	ppb
Selenium	78-2	0.71	0.58	2.51	1.27	85.15	ppb
Silicon	28-1	1130.29	1156.40	1173.97	1153.55	1.91	ppb
Silver	107-1	0.42	0.47	0.46	0.45	5.47	ppb
Silver	109-1	0.44	0.49	0.47	0.47	5.54	ppb
Sodium	23-2	73.70	75.08	75.14	74.64	1.09	ppb
Strontium	86-1	349.88	358.05	344.80	350.91	1.91	ppb
Strontium	88-1	339.05	343.17	340.89	341.04	0.60	ppb
Sulfur	34-1	537.21	714.88	1087.48	779.86	36.01	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	0.01	0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.60	1.65	1.69	1.64	2.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-02	Instrumnet Name :	P8
Client Sample ID :	YB6S3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:18:49	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	70.31	67.62	72.08	70.00	3.21	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	3.52	ppb
Vanadium	51-2	14.83	14.55	14.80	14.72	1.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	213.28	203.34	211.88	209.50	2.57	ppb
Zirconium	90-1	0.74	0.71	0.76	0.73	3.45	ppb
Zirconium	91-1	0.90	0.77	0.92	0.86	9.32	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-03	Instrumnet Name :	P8
Client Sample ID :	YB6S4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:21:47	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2815.19	2755.10	2775.41	2781.90	1.10	ppb
Antimony	121-1	2.41	2.31	2.17	2.30	5.32	ppb
Arsenic	75-2	625.87	612.23	612.49	616.86	1.27	ppb
Barium	135-1	86.12	84.97	85.00	85.36	0.77	ppb
Barium	137-1	88.99	87.54	84.07	86.87	2.91	ppb
Beryllium	9-1	0.28	0.26	0.24	0.26	8.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	4.77	5.27	4.97	5.00	5.05	ppb
Boron	11-1	4.84	5.16	5.52	5.17	6.60	ppb
Bromine	81-1						cps
Cadmium	111-1	1.33	1.07	1.08	1.16	12.53	ppb
Cadmium	106-1	0.33	0.82	-0.52	0.21	325.50	ppb
Cadmium	108-1	1.23	0.84	0.83	0.97	23.34	ppb
Calcium	43-1	36202.60	35498.37	34889.45	35530.14	1.85	ppb
Calcium	44-1	35449.12	34768.73	34319.55	34845.80	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.00	10.10	9.55	9.88	2.98	ppb
Cobalt	59-2	12.62	12.48	12.43	12.51	0.78	ppb
Copper	63-2	42.36	42.34	42.39	42.36	0.06	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				103		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	51742.04	50448.75	51702.46	51297.75	1.43	ppb
Iron	56-2	50431.88	49895.64	50199.99	50175.83	0.54	ppb
Iron	57-2	51205.41	51704.07	50416.88	51108.79	1.27	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-03	Instrumnet Name :	P8
Client Sample ID :	YB6S4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:21:47	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	37.15	35.27	35.91	36.11	2.65	ppb
Lead	207-1	35.74	34.48	35.11	35.11	1.78	ppb
Lead	208-1	36.54	35.18	35.01	35.58	2.35	ppb
Lithium	6-1				113		%
Magnesium	24-2	15510.92	15040.01	15359.55	15303.50	1.57	ppb
Manganese	55-2	1061.18	1036.98	1049.52	1049.23	1.15	ppb
Molybdenum	94-1	3.27	2.78	2.90	2.98	8.54	ppb
Molybdenum	95-1	1.95	1.74	1.90	1.86	5.87	ppb
Molybdenum	96-1	3.05	3.06	2.79	2.96	5.16	ppb
Molybdenum	97-1	1.86	1.77	1.70	1.77	4.65	ppb
Molybdenum	98-1	1.73	1.56	1.68	1.66	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.30	39.77	40.37	40.15	0.82	ppb
Phosphorus	31-2	2526.89	2423.28	2451.98	2467.38	2.17	ppb
Potassium	39-2	580.73	591.73	596.20	589.56	1.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	2.61	1.19	0.14	1.31	94.35	ppb
Selenium	77-2	6.24	6.93	6.91	6.69	5.86	ppb
Selenium	78-2	2.36	0.18	0.81	1.12	100.84	ppb
Silicon	28-1	1295.24	1275.49	1220.70	1263.81	3.06	ppb
Silver	107-1	0.66	0.51	0.58	0.58	12.65	ppb
Silver	109-1	0.60	0.57	0.54	0.57	5.04	ppb
Sodium	23-2	86.94	89.84	92.26	89.68	2.97	ppb
Strontium	86-1	414.01	384.51	378.84	392.46	4.81	ppb
Strontium	88-1	393.30	370.94	369.07	377.77	3.57	ppb
Sulfur	34-1	1192.24	1125.04	1045.91	1121.07	6.53	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.00	0.01	145.60	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	852.70	ppb
Tin	118-1	6.34	6.31	6.23	6.29	0.90	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-03	Instrumnet Name :	P8
Client Sample ID :	YB6S4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:21:47	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	69.08	67.69	67.23	68.00	1.42	ppb
Uranium	238-1	0.22	0.21	0.22	0.22	2.52	ppb
Vanadium	51-2	15.52	14.70	15.11	15.11	2.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	223.21	214.36	219.40	218.99	2.03	ppb
Zirconium	90-1	0.83	0.75	0.74	0.77	6.14	ppb
Zirconium	91-1	0.97	0.86	0.88	0.90	5.98	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-04	Instrumnet Name :	P8
Client Sample ID :	YB6S5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:24:47	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23429.96	22025.28	23297.22	22917.49	3.38	ppb
Antimony	121-1	0.84	0.79	0.79	0.81	3.31	ppb
Arsenic	75-2	47.25	45.58	46.53	46.45	1.81	ppb
Barium	135-1	406.95	409.61	407.96	408.17	0.33	ppb
Barium	137-1	407.35	412.74	416.78	412.29	1.15	ppb
Beryllium	9-1	1.98	1.96	1.86	1.93	3.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	5.13	5.61	6.44	5.72	11.61	ppb
Boron	11-1	6.20	6.26	6.49	6.32	2.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.49	0.72	0.45	0.55	26.79	ppb
Cadmium	106-1	1.94	3.48	0.98	2.13	58.94	ppb
Cadmium	108-1	0.91	0.86	1.04	0.94	9.98	ppb
Calcium	43-1	9281.38	9337.80	9376.90	9332.03	0.51	ppb
Calcium	44-1	9210.15	9210.65	9406.28	9275.69	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.89	25.94	26.03	26.28	1.99	ppb
Cobalt	59-2	27.96	27.62	27.37	27.65	1.08	ppb
Copper	63-2	110.88	107.10	109.00	108.99	1.74	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				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	104041.38	100778.07	102276.42	102365.29	1.60	ppb
Iron	56-2	103897.69	101808.88	102049.84	102585.47	1.11	ppb
Iron	57-2	103692.44	102324.50	103259.40	103092.11	0.68	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-04	Instrumnet Name :	P8
Client Sample ID :	YB6S5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:24:47	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	44.96	45.69	45.85	45.50	1.05	ppb
Lead	207-1	45.00	45.56	42.63	44.40	3.50	ppb
Lead	208-1	45.19	45.65	44.31	45.05	1.50	ppb
Lithium	6-1				114		%
Magnesium	24-2	6115.22	5865.58	6069.52	6016.77	2.21	ppb
Manganese	55-2	2183.45	2114.32	2166.07	2154.61	1.67	ppb
Molybdenum	94-1	5.54	5.85	5.56	5.65	3.05	ppb
Molybdenum	95-1	0.92	0.87	0.82	0.87	6.01	ppb
Molybdenum	96-1	3.61	3.65	3.49	3.58	2.39	ppb
Molybdenum	97-1	0.94	0.95	0.92	0.94	1.58	ppb
Molybdenum	98-1	0.88	0.87	0.79	0.84	5.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.02	13.51	13.72	13.75	1.86	ppb
Phosphorus	31-2	1912.66	1920.91	2023.88	1952.48	3.17	ppb
Potassium	39-2	5211.13	4997.79	5175.77	5128.23	2.23	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	0.98	1.36	-0.22	0.70	117.20	ppb
Selenium	77-2	24.99	22.58	17.10	21.56	18.75	ppb
Selenium	78-2	5.56	4.67	3.11	4.45	27.86	ppb
Silicon	28-1	3106.12	3126.28	3169.75	3134.05	1.04	ppb
Silver	107-1	0.19	0.19	0.20	0.19	2.62	ppb
Silver	109-1	0.18	0.19	0.18	0.18	3.90	ppb
Sodium	23-2	90.05	89.77	95.15	91.65	3.30	ppb
Strontium	86-1	76.90	77.62	77.12	77.21	0.47	ppb
Strontium	88-1	77.60	76.50	78.45	77.51	1.26	ppb
Sulfur	34-1	-118.03	-413.03	-458.30	-329.79		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.08	0.07	0.08	10.67	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	5.93	ppb
Tin	118-1	4.20	4.43	4.24	4.29	2.87	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-04	Instrumnet Name :	P8
Client Sample ID :	YB6S5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:24:47	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1077.40	1084.59	1094.72	1085.57	0.80	ppb
Uranium	238-1	1.58	1.64	1.61	1.61	1.80	ppb
Vanadium	51-2	188.51	182.57	186.57	185.88	1.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				115		%
Zinc	66-2	141.29	139.84	144.45	141.86	1.66	ppb
Zirconium	90-1	2.46	2.51	2.43	2.46	1.64	ppb
Zirconium	91-1	2.53	2.50	2.39	2.47	3.03	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-05	Instrumnet Name :	P8
Client Sample ID :	YB6S6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:27:42	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37211.23	34690.24	31818.22	34573.23	7.80	ppb
Antimony	121-1	0.91	0.84	0.88	0.88	3.91	ppb
Arsenic	75-2	46.44	43.60	36.76	42.27	11.77	ppb
Barium	135-1	599.96	618.15	622.49	613.53	1.95	ppb
Barium	137-1	629.40	657.19	637.50	641.37	2.23	ppb
Beryllium	9-1	2.34	2.32	2.26	2.31	1.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	6.78	6.76	7.31	6.95	4.49	ppb
Boron	11-1	7.25	7.66	7.60	7.50	2.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.51	0.58	0.53	0.54	6.76	ppb
Cadmium	106-1	-0.06	0.18	-0.58	-0.15		ppb
Cadmium	108-1	0.63	0.22	1.02	0.62	64.61	ppb
Calcium	43-1	12476.51	12461.74	12444.40	12460.88	0.13	ppb
Calcium	44-1	12360.82	12262.34	12357.12	12326.76	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.19	29.19	27.00	29.46	8.85	ppb
Cobalt	59-2	56.98	52.32	48.30	52.53	8.28	ppb
Copper	63-2	188.78	174.20	158.72	173.90	8.65	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				109		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	157995.87	145448.73	133636.98	145693.86	8.36	ppb
Iron	56-2	155274.49	143917.66	133157.78	144116.64	7.67	ppb
Iron	57-2	157927.34	145049.67	129904.82	144293.94	9.72	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-05	Instrumnet Name :	P8
Client Sample ID :	YB6S6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:27:42	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	51.80	50.87	51.39	51.36	0.91	ppb
Lead	207-1	50.22	50.53	50.22	50.32	0.35	ppb
Lead	208-1	51.01	50.73	50.86	50.86	0.28	ppb
Lithium	6-1				118		%
Magnesium	24-2	7994.42	7333.27	6716.23	7347.97	8.70	ppb
Manganese	55-2	4068.69	3687.48	3444.16	3733.45	8.43	ppb
Molybdenum	94-1	4.80	4.91	4.96	4.89	1.69	ppb
Molybdenum	95-1	1.24	1.25	1.18	1.22	2.90	ppb
Molybdenum	96-1	4.35	4.67	4.49	4.50	3.54	ppb
Molybdenum	97-1	1.13	1.18	1.22	1.18	3.69	ppb
Molybdenum	98-1	1.11	1.05	1.09	1.09	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.22	16.66	15.58	16.82	7.89	ppb
Phosphorus	31-2	4680.67	4527.53	4044.18	4417.46	7.52	ppb
Potassium	39-2	6035.70	5610.31	5191.78	5612.60	7.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	82-1	0.45	-0.03	0.06	0.16	159.76	ppb
Selenium	77-2	22.06	26.06	25.62	24.58	8.92	ppb
Selenium	78-2	4.83	3.72	3.50	4.02	17.70	ppb
Silicon	28-1	3054.63	3029.62	3100.43	3061.56	1.17	ppb
Silver	107-1	0.21	0.22	0.23	0.22	3.85	ppb
Silver	109-1	0.20	0.23	0.23	0.22	9.34	ppb
Sodium	23-2	116.35	101.14	92.89	103.46	11.51	ppb
Strontium	86-1	85.87	87.48	85.58	86.31	1.19	ppb
Strontium	88-1	86.01	87.71	86.13	86.62	1.09	ppb
Sulfur	34-1	-772.70	-865.07	-726.53	-788.10		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.16	0.13	0.15	0.15	10.25	ppb
Thallium	205-1	0.17	0.17	0.14	0.16	11.53	ppb
Tin	118-1	4.79	4.72	5.08	4.86	3.94	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-05	Instrumnet Name :	P8
Client Sample ID :	YB6S6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:27:42	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1625.95	1581.26	1591.14	1599.45	1.47	ppb
Uranium	238-1	1.70	1.73	1.78	1.74	2.34	ppb
Vanadium	51-2	349.41	325.18	297.47	324.02	8.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				112		%
Zinc	66-2	224.04	209.40	188.60	207.35	8.59	ppb
Zirconium	90-1	2.07	2.11	2.02	2.07	2.21	ppb
Zirconium	91-1	2.01	2.17	1.93	2.04	6.04	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-06	Instrumnet Name :	P8
Client Sample ID :	YB6S7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:30:39	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29984.59	29610.56	30041.15	29878.77	0.78	ppb
Antimony	121-1	0.91	0.82	0.89	0.87	5.60	ppb
Arsenic	75-2	47.46	47.41	47.86	47.58	0.52	ppb
Barium	135-1	589.61	571.58	577.60	579.60	1.58	ppb
Barium	137-1	610.04	595.46	590.83	598.78	1.67	ppb
Beryllium	9-1	2.06	2.00	1.96	2.00	2.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				109		%
Boron	10-1	4.07	4.04	3.65	3.92	6.08	ppb
Boron	11-1	4.42	4.14	4.50	4.35	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.60	0.59	0.71	0.63	10.56	ppb
Cadmium	106-1	-0.86	1.10	1.07	0.43	258.52	ppb
Cadmium	108-1	0.50	0.81	0.57	0.63	26.25	ppb
Calcium	43-1	11266.90	11147.68	11183.55	11199.38	0.55	ppb
Calcium	44-1	11115.25	11122.40	10948.77	11062.14	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.87	21.98	23.15	22.67	2.69	ppb
Cobalt	59-2	47.77	46.71	47.40	47.30	1.14	ppb
Copper	63-2	186.85	183.70	187.79	186.11	1.15	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				107		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	117645.08	112084.97	117487.80	115739.28	2.74	ppb
Iron	56-2	115252.12	110373.50	116586.64	114070.75	2.87	ppb
Iron	57-2	115077.07	113756.50	115543.15	114792.24	0.81	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-06	Instrumnet Name :	P8
Client Sample ID :	YB6S7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:30:39	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	39.32	38.77	39.89	39.33	1.44	ppb
Lead	207-1	37.95	37.35	38.62	37.97	1.68	ppb
Lead	208-1	38.58	37.75	38.73	38.35	1.36	ppb
Lithium	6-1				114		%
Magnesium	24-2	7855.54	7878.68	7877.47	7870.56	0.17	ppb
Manganese	55-2	3121.29	2978.11	3126.41	3075.27	2.74	ppb
Molybdenum	94-1	3.97	3.95	3.78	3.90	2.72	ppb
Molybdenum	95-1	1.01	0.91	1.01	0.98	6.01	ppb
Molybdenum	96-1	3.59	3.86	3.41	3.62	6.22	ppb
Molybdenum	97-1	0.87	1.07	0.89	0.94	11.56	ppb
Molybdenum	98-1	0.80	0.81	0.82	0.81	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.82	14.13	15.03	14.66	3.22	ppb
Phosphorus	31-2	2540.36	2519.89	2856.69	2638.98	7.16	ppb
Potassium	39-2	6627.13	6526.17	6783.54	6645.62	1.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	1.30	0.00	-0.45	0.28	324.71	ppb
Selenium	77-2	20.93	14.87	23.42	19.74	22.29	ppb
Selenium	78-2	4.37	2.79	2.54	3.23	30.60	ppb
Silicon	28-1	2595.76	2652.44	2637.02	2628.41	1.11	ppb
Silver	107-1	0.20	0.18	0.17	0.18	7.40	ppb
Silver	109-1	0.19	0.18	0.19	0.19	4.40	ppb
Sodium	23-2	109.23	109.14	110.02	109.46	0.44	ppb
Strontium	86-1	66.99	66.65	66.25	66.63	0.55	ppb
Strontium	88-1	67.79	66.90	67.23	67.31	0.67	ppb
Sulfur	34-1	-1240.35	-1271.72	-1257.66	-1256.58		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.15	0.11	0.10	0.12	20.51	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	1.34	ppb
Tin	118-1	3.28	3.09	3.07	3.15	3.66	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-06	Instrumnet Name :	P8
Client Sample ID :	YB6S7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:30:39	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1308.01	1319.43	1309.46	1312.30	0.47	ppb
Uranium	238-1	1.37	1.38	1.33	1.36	2.02	ppb
Vanadium	51-2	250.10	241.99	248.73	246.94	1.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	238.56	219.55	223.99	227.37	4.37	ppb
Zirconium	90-1	1.66	1.63	1.63	1.64	0.93	ppb
Zirconium	91-1	1.54	1.54	1.53	1.54	0.55	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-07	Instrumnet Name :	P8
Client Sample ID :	YB6S8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:33:35	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24557.28	24807.45	23304.41	24223.05	3.32	ppb
Antimony	121-1	0.97	0.98	1.07	1.01	5.62	ppb
Arsenic	75-2	67.18	67.30	65.56	66.68	1.45	ppb
Barium	135-1	488.06	486.04	472.43	482.18	1.76	ppb
Barium	137-1	489.88	488.01	484.71	487.53	0.54	ppb
Beryllium	9-1	1.80	1.84	1.84	1.83	1.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	8.48	9.40	10.00	9.29	8.26	ppb
Boron	11-1	9.25	10.25	10.48	9.99	6.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.55	0.54	0.55	0.55	1.19	ppb
Cadmium	106-1	-0.43	0.13	0.79	0.16	377.48	ppb
Cadmium	108-1	0.59	0.75	0.66	0.67	12.03	ppb
Calcium	43-1	14614.60	14631.07	14687.26	14644.31	0.26	ppb
Calcium	44-1	14526.39	14574.03	14458.36	14519.59	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.34	22.67	22.19	22.40	1.08	ppb
Cobalt	59-2	35.88	35.22	34.76	35.29	1.59	ppb
Copper	63-2	140.79	140.79	139.26	140.28	0.63	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				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	113209.15	113505.37	114548.89	113754.47	0.62	ppb
Iron	56-2	114951.71	113183.66	114735.14	114290.17	0.84	ppb
Iron	57-2	111672.41	113254.83	113669.92	112865.72	0.93	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-07	Instrumnet Name :	P8
Client Sample ID :	YB6S8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:33:35	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	43.48	42.05	43.74	43.09	2.12	ppb
Lead	207-1	42.61	41.19	42.21	42.00	1.75	ppb
Lead	208-1	43.41	42.25	43.01	42.89	1.38	ppb
Lithium	6-1				113		%
Magnesium	24-2	5917.81	5999.15	5811.92	5909.63	1.59	ppb
Manganese	55-2	2546.84	2468.82	2468.05	2494.57	1.81	ppb
Molybdenum	94-1	6.46	6.31	6.54	6.44	1.81	ppb
Molybdenum	95-1	1.26	1.37	1.29	1.31	4.41	ppb
Molybdenum	96-1	4.06	4.22	3.93	4.07	3.50	ppb
Molybdenum	97-1	1.28	1.26	1.44	1.33	7.42	ppb
Molybdenum	98-1	1.21	1.19	1.16	1.19	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.33	16.08	15.59	16.00	2.34	ppb
Phosphorus	31-2	2556.97	2819.55	2769.87	2715.46	5.14	ppb
Potassium	39-2	5117.58	5083.34	5031.36	5077.42	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	2.21	1.22	2.28	1.90	31.16	ppb
Selenium	77-2	17.65	22.08	19.48	19.74	11.28	ppb
Selenium	78-2	3.01	2.97	3.66	3.21	11.96	ppb
Silicon	28-1	2654.02	2610.60	2612.82	2625.81	0.93	ppb
Silver	107-1	0.27	0.27	0.26	0.27	2.01	ppb
Silver	109-1	0.27	0.27	0.26	0.27	1.75	ppb
Sodium	23-2	97.26	98.33	93.39	96.33	2.70	ppb
Strontium	86-1	114.69	111.06	113.10	112.95	1.61	ppb
Strontium	88-1	115.52	109.84	110.59	111.98	2.75	ppb
Sulfur	34-1	-502.37	-645.43	-486.93	-544.91		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.09	0.13	0.10	23.52	ppb
Thallium	205-1	0.12	0.09	0.09	0.10	16.87	ppb
Tin	118-1	9.24	9.15	9.33	9.24	0.95	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-07	Instrumnet Name :	P8
Client Sample ID :	YB6S8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:33:35	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1365.50	1305.87	1338.75	1336.71	2.23	ppb
Uranium	238-1	1.39	1.37	1.41	1.39	1.46	ppb
Vanadium	51-2	240.16	239.48	237.62	239.09	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	175.42	175.21	176.56	175.73	0.41	ppb
Zirconium	90-1	2.82	2.68	2.77	2.76	2.46	ppb
Zirconium	91-1	2.72	2.87	2.61	2.74	4.79	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-08	Instrumnet Name :	P8
Client Sample ID :	YB6S9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:36:32	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17750.92	18660.20	19342.15	18584.42	4.30	ppb
Antimony	121-1	0.70	0.70	0.64	0.68	4.95	ppb
Arsenic	75-2	56.84	59.71	60.91	59.15	3.54	ppb
Barium	135-1	404.29	407.99	412.86	408.38	1.05	ppb
Barium	137-1	419.52	423.86	420.22	421.20	0.55	ppb
Beryllium	9-1	1.53	1.54	1.50	1.52	1.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	4.21	4.39	4.48	4.36	3.22	ppb
Boron	11-1	4.57	4.90	4.99	4.82	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.47	0.48	0.43	16.34	ppb
Cadmium	106-1	-0.81	0.29	0.67	0.05	1615.21	ppb
Cadmium	108-1	0.33	0.20	0.83	0.45	74.52	ppb
Calcium	43-1	10350.64	10419.14	10733.86	10501.21	1.95	ppb
Calcium	44-1	9986.22	10298.33	10378.44	10221.00	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.65	36.71	38.01	36.79	3.21	ppb
Cobalt	59-2	21.70	22.63	23.70	22.67	4.42	ppb
Copper	63-2	85.04	88.69	91.54	88.42	3.68	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				99		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	72560.44	76785.32	78274.88	75873.54	3.91	ppb
Iron	56-2	71256.12	76258.12	76999.81	74838.02	4.17	ppb
Iron	57-2	73404.38	77790.36	79416.59	76870.44	4.05	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-08	Instrumnet Name :	P8
Client Sample ID :	YB6S9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:36:32	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	40.08	40.93	39.67	40.23	1.61	ppb
Lead	207-1	39.13	40.34	38.62	39.36	2.25	ppb
Lead	208-1	39.71	40.50	39.35	39.85	1.48	ppb
Lithium	6-1				113		%
Magnesium	24-2	5094.38	5481.29	5595.06	5390.24	4.87	ppb
Manganese	55-2	2184.84	2346.23	2413.24	2314.77	5.07	ppb
Molybdenum	94-1	4.07	4.12	4.22	4.14	1.80	ppb
Molybdenum	95-1	0.82	0.80	0.99	0.87	12.16	ppb
Molybdenum	96-1	2.47	2.51	2.69	2.56	4.53	ppb
Molybdenum	97-1	0.81	0.85	0.85	0.84	3.08	ppb
Molybdenum	98-1	0.73	0.70	0.76	0.73	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.15	17.84	18.74	17.91	4.44	ppb
Phosphorus	31-2	2340.58	2373.21	2522.81	2412.20	4.03	ppb
Potassium	39-2	5733.37	6037.36	6188.85	5986.53	3.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	0.02	-0.75	2.15	0.48	315.70	ppb
Selenium	77-2	21.86	20.81	21.86	21.51	2.80	ppb
Selenium	78-2	3.44	5.44	4.25	4.38	23.00	ppb
Silicon	28-1	2717.74	2760.12	2853.93	2777.26	2.51	ppb
Silver	107-1	0.26	0.23	0.23	0.24	8.33	ppb
Silver	109-1	0.24	0.22	0.23	0.23	4.56	ppb
Sodium	23-2	99.01	106.11	109.41	104.84	5.07	ppb
Strontium	86-1	71.71	73.48	76.03	73.74	2.95	ppb
Strontium	88-1	72.21	72.84	72.60	72.55	0.44	ppb
Sulfur	34-1	-1130.95	-1095.17	-915.45	-1047.19		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.08	0.05	0.07	33.67	ppb
Thallium	205-1	0.05	0.07	0.07	0.07	17.94	ppb
Tin	118-1	3.98	3.97	4.19	4.05	3.01	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-08	Instrumnet Name :	P8
Client Sample ID :	YB6S9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:36:32	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	638.56	639.25	660.09	645.96	1.89	ppb
Uranium	238-1	1.16	1.23	1.18	1.19	3.11	ppb
Vanadium	51-2	117.27	122.07	126.10	121.82	3.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	176.70	188.62	189.60	184.97	3.88	ppb
Zirconium	90-1	1.74	1.79	1.76	1.76	1.22	ppb
Zirconium	91-1	1.60	1.76	1.83	1.73	6.68	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-09	Instrumnet Name :	P8
Client Sample ID :	YB6T0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:39:30	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30193.71	29208.64	29224.42	29542.26	1.91	ppb
Antimony	121-1	0.33	0.35	0.35	0.34	4.07	ppb
Arsenic	75-2	12.86	13.16	13.34	13.12	1.82	ppb
Barium	135-1	448.53	442.68	454.23	448.48	1.29	ppb
Barium	137-1	453.88	452.16	476.81	460.95	2.99	ppb
Beryllium	9-1	2.05	1.94	2.05	2.01	3.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	1.86	2.14	2.64	2.21	17.94	ppb
Boron	11-1	2.44	2.40	2.98	2.61	12.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.08	0.24	0.18	48.14	ppb
Cadmium	106-1	0.13	-1.29	-0.48	-0.55		ppb
Cadmium	108-1	0.65	0.54	0.40	0.53	23.14	ppb
Calcium	43-1	8184.37	8222.97	8377.95	8261.77	1.24	ppb
Calcium	44-1	8171.32	8289.70	8505.72	8322.24	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.33	28.11	27.42	27.95	1.71	ppb
Cobalt	59-2	58.92	58.48	56.47	57.96	2.25	ppb
Copper	63-2	196.72	197.56	192.62	195.63	1.35	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				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	122819.38	121661.93	117404.68	120628.66	2.36	ppb
Iron	56-2	119535.90	117498.97	116538.61	117857.83	1.30	ppb
Iron	57-2	124280.16	120154.06	115064.44	119832.88	3.85	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-09	Instrumnet Name :	P8
Client Sample ID :	YB6T0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:39:30	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.06	19.16	19.32	19.18	0.68	ppb
Lead	207-1	18.79	18.43	18.81	18.68	1.15	ppb
Lead	208-1	19.01	18.96	18.99	18.99	0.14	ppb
Lithium	6-1				112		%
Magnesium	24-2	6951.33	6753.08	6770.89	6825.10	1.61	ppb
Manganese	55-2	2893.97	2853.52	2724.50	2823.99	3.13	ppb
Molybdenum	94-1	3.56	3.62	3.28	3.49	5.16	ppb
Molybdenum	95-1	0.60	0.69	0.54	0.61	12.12	ppb
Molybdenum	96-1	3.43	3.23	3.38	3.35	3.23	ppb
Molybdenum	97-1	0.58	0.53	0.62	0.58	7.65	ppb
Molybdenum	98-1	0.54	0.57	0.52	0.55	5.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.09	14.80	14.09	14.66	3.51	ppb
Phosphorus	31-2	2168.71	2030.32	1982.02	2060.35	4.70	ppb
Potassium	39-2	5096.82	5064.39	5065.67	5075.63	0.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	1.01	-0.14	2.54	1.14	117.72	ppb
Selenium	77-2	20.65	17.65	18.41	18.90	8.25	ppb
Selenium	78-2	1.20	5.26	2.86	3.11	65.64	ppb
Silicon	28-1	2316.91	2352.41	2360.73	2343.35	0.99	ppb
Silver	107-1	0.10	0.11	0.10	0.10	7.25	ppb
Silver	109-1	0.10	0.10	0.11	0.10	5.09	ppb
Sodium	23-2	185.77	183.98	185.88	185.21	0.58	ppb
Strontium	86-1	49.91	49.56	50.61	50.03	1.07	ppb
Strontium	88-1	50.36	49.82	50.08	50.09	0.53	ppb
Sulfur	34-1	-1614.00	-1592.06	-1447.06	-1551.04		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.11	0.09	0.10	13.85	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	5.26	ppb
Tin	118-1	2.45	2.40	2.45	2.43	1.19	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-09	Instrumnet Name :	P8
Client Sample ID :	YB6T0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:39:30	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1269.83	1240.87	1258.86	1256.52	1.16	ppb
Uranium	238-1	1.39	1.36	1.40	1.38	1.38	ppb
Vanadium	51-2	320.67	317.92	309.10	315.90	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	117.78	116.40	112.04	115.41	2.60	ppb
Zirconium	90-1	1.45	1.48	1.49	1.47	1.70	ppb
Zirconium	91-1	1.41	1.42	1.47	1.43	2.30	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-10	Instrumnet Name :	P8
Client Sample ID :	YB6T1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:42:28	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24729.40	23696.95	24810.63	24412.33	2.54	ppb
Antimony	121-1	0.66	0.66	0.66	0.66	0.57	ppb
Arsenic	75-2	137.69	136.79	139.31	137.93	0.93	ppb
Barium	135-1	471.99	467.24	453.04	464.09	2.13	ppb
Barium	137-1	490.43	482.19	475.67	482.76	1.53	ppb
Beryllium	9-1	1.58	1.64	1.60	1.61	2.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	1.74	2.03	1.47	1.75	15.85	ppb
Boron	11-1	2.05	1.65	1.95	1.88	11.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.17	0.38	0.26	41.23	ppb
Cadmium	106-1	-0.84	-1.50	0.51	-0.61		ppb
Cadmium	108-1	0.60	0.41	0.48	0.50	19.08	ppb
Calcium	43-1	14981.70	14710.40	14158.01	14616.70	2.87	ppb
Calcium	44-1	14684.43	14587.58	13976.23	14416.08	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.16	46.17	46.43	46.25	0.32	ppb
Cobalt	59-2	56.43	56.24	57.87	56.85	1.56	ppb
Copper	63-2	165.68	163.61	170.21	166.50	2.03	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				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	98928.97	99032.86	100769.73	99577.19	1.04	ppb
Iron	56-2	97999.24	95531.21	96560.55	96697.00	1.28	ppb
Iron	57-2	100182.45	96122.94	99586.91	98630.77	2.22	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-10	Instrumnet Name :	P8
Client Sample ID :	YB6T1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:42:28	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.16	18.41	17.17	17.91	3.64	ppb
Lead	207-1	17.82	17.88	16.49	17.40	4.53	ppb
Lead	208-1	17.95	18.14	16.94	17.68	3.64	ppb
Lithium	6-1				112		%
Magnesium	24-2	9539.50	8959.60	9542.13	9347.07	3.59	ppb
Manganese	55-2	2845.86	2803.49	2891.61	2846.99	1.55	ppb
Molybdenum	94-1	3.20	3.46	3.42	3.36	4.29	ppb
Molybdenum	95-1	1.25	1.26	1.27	1.26	0.63	ppb
Molybdenum	96-1	3.57	3.41	3.52	3.50	2.30	ppb
Molybdenum	97-1	1.19	1.21	1.15	1.18	2.65	ppb
Molybdenum	98-1	1.09	1.12	1.06	1.09	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.27	34.01	35.33	34.54	2.02	ppb
Phosphorus	31-2	2073.29	2003.53	1970.77	2015.86	2.60	ppb
Potassium	39-2	4578.77	4618.92	4662.73	4620.14	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	-0.03	-0.09	-0.26	-0.13		ppb
Selenium	77-2	9.48	14.31	10.39	11.39	22.54	ppb
Selenium	78-2	1.84	3.86	2.88	2.86	35.37	ppb
Silicon	28-1	1911.79	1904.89	1788.63	1868.44	3.70	ppb
Silver	107-1	0.21	0.23	0.20	0.21	8.58	ppb
Silver	109-1	0.24	0.19	0.21	0.22	10.46	ppb
Sodium	23-2	158.97	156.21	165.71	160.29	3.05	ppb
Strontium	86-1	89.07	94.38	91.42	91.62	2.91	ppb
Strontium	88-1	89.60	93.83	90.00	91.14	2.57	ppb
Sulfur	34-1	231.10	198.23	3.65	144.33	85.17	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.07	0.08	0.07	28.15	ppb
Thallium	205-1	0.07	0.05	0.07	0.07	17.37	ppb
Tin	118-1	1.70	1.75	1.63	1.69	3.71	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-10	Instrumnet Name :	P8
Client Sample ID :	YB6T1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:42:28	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	880.92	873.61	857.83	870.79	1.36	ppb
Uranium	238-1	0.88	0.86	0.80	0.85	5.37	ppb
Vanadium	51-2	252.59	244.12	253.30	250.01	2.04	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	127.20	127.12	127.61	127.31	0.21	ppb
Zirconium	90-1	1.23	1.27	1.23	1.24	1.58	ppb
Zirconium	91-1	1.23	1.24	1.16	1.21	3.66	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-11	Instrumnet Name :	P8
Client Sample ID :	YB6W2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:45:23	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19713.20	20559.15	19501.60	19924.65	2.81	ppb
Antimony	121-1	0.80	0.76	0.76	0.78	2.99	ppb
Arsenic	75-2	221.06	223.68	204.63	216.46	4.77	ppb
Barium	135-1	132.54	135.94	121.12	129.86	5.98	ppb
Barium	137-1	138.01	138.42	124.41	133.61	5.97	ppb
Beryllium	9-1	0.62	0.63	0.54	0.59	8.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	3.39	3.32	3.36	3.36	1.08	ppb
Boron	11-1	3.55	3.61	3.54	3.57	1.05	ppb
Bromine	81-1						cps
Cadmium	111-1	0.36	0.31	0.37	0.35	9.26	ppb
Cadmium	106-1	-0.13	-0.54	1.09	0.14	608.15	ppb
Cadmium	108-1	1.49	1.37	1.56	1.47	6.26	ppb
Calcium	43-1	11246.02	11316.75	10581.96	11048.24	3.67	ppb
Calcium	44-1	11146.41	11383.19	10446.83	10992.14	4.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.67	65.21	63.53	64.47	1.32	ppb
Cobalt	59-2	37.98	39.11	38.32	38.47	1.52	ppb
Copper	63-2	128.62	135.99	126.64	130.42	3.78	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				108		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	65558.16	67087.69	62807.55	65151.13	3.33	ppb
Iron	56-2	61980.32	64710.17	62281.12	62990.54	2.38	ppb
Iron	57-2	63224.27	66592.32	62987.46	64268.02	3.14	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-11	Instrumnet Name :	P8
Client Sample ID :	YB6W2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:45:23	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	44.99	45.89	41.94	44.27	4.67	ppb
Lead	207-1	43.98	43.95	41.46	43.13	3.35	ppb
Lead	208-1	44.13	44.91	41.74	43.59	3.79	ppb
Lithium	6-1				113		%
Magnesium	24-2	17070.02	16887.62	16924.94	16960.86	0.57	ppb
Manganese	55-2	991.41	1018.91	986.91	999.08	1.73	ppb
Molybdenum	94-1	3.68	3.78	3.36	3.60	6.13	ppb
Molybdenum	95-1	1.73	1.71	1.65	1.70	2.41	ppb
Molybdenum	96-1	3.05	3.44	3.11	3.20	6.55	ppb
Molybdenum	97-1	1.79	1.78	1.62	1.73	5.42	ppb
Molybdenum	98-1	1.73	1.66	1.54	1.64	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.61	82.84	78.98	80.14	2.92	ppb
Phosphorus	31-2	1455.82	1477.29	1299.53	1410.88	6.88	ppb
Potassium	39-2	1988.10	2075.70	1984.63	2016.14	2.56	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				105		%
Selenium	82-1	2.83	0.36	1.14	1.44	87.80	ppb
Selenium	77-2	13.80	14.03	7.50	11.77	31.47	ppb
Selenium	78-2	1.69	1.23	1.59	1.50	16.13	ppb
Silicon	28-1	1854.82	1917.88	1738.36	1837.02	4.96	ppb
Silver	107-1	0.54	0.57	0.50	0.54	6.70	ppb
Silver	109-1	0.55	0.52	0.48	0.52	6.89	ppb
Sodium	23-2	189.19	201.91	190.23	193.78	3.65	ppb
Strontium	86-1	46.93	47.52	43.82	46.09	4.32	ppb
Strontium	88-1	47.60	47.60	44.53	46.58	3.81	ppb
Sulfur	34-1	-700.26	-628.29	-910.52	-746.36		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.04	0.03	22.54	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	26.58	ppb
Tin	118-1	2.84	2.75	2.53	2.71	5.78	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-11	Instrumnet Name :	P8
Client Sample ID :	YB6W2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:45:23	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	423.11	430.44	395.92	416.49	4.37	ppb
Uranium	238-1	0.68	0.68	0.62	0.66	4.98	ppb
Vanadium	51-2	131.95	137.28	131.13	133.45	2.50	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	289.54	300.76	290.82	293.71	2.09	ppb
Zirconium	90-1	1.18	1.17	1.07	1.14	5.61	ppb
Zirconium	91-1	1.12	1.20	0.99	1.10	9.32	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-12	Instrumnet Name :	P8
Client Sample ID :	YB6W3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:48:22	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18507.06	18001.55	18105.75	18204.79	1.47	ppb
Antimony	121-1	1.58	1.60	1.59	1.59	0.56	ppb
Arsenic	75-2	872.17	843.84	859.98	858.66	1.65	ppb
Barium	135-1	261.09	266.18	265.58	264.28	1.05	ppb
Barium	137-1	269.14	272.05	268.29	269.83	0.73	ppb
Beryllium	9-1	0.71	0.70	0.76	0.72	4.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	5.55	5.51	6.02	5.69	4.96	ppb
Boron	11-1	5.42	6.11	6.93	6.16	12.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.70	0.63	0.61	0.65	7.33	ppb
Cadmium	106-1	1.30	0.77	1.09	1.05	25.53	ppb
Cadmium	108-1	1.73	1.59	1.52	1.61	6.44	ppb
Calcium	43-1	15160.11	14882.21	15226.03	15089.45	1.21	ppb
Calcium	44-1	14914.20	14713.24	14898.48	14841.97	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.79	77.66	78.53	78.66	1.36	ppb
Cobalt	59-2	37.33	35.78	35.81	36.30	2.44	ppb
Copper	63-2	142.17	138.77	137.27	139.40	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				105		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	73729.19	72259.25	69882.14	71956.86	2.70	ppb
Iron	56-2	71818.80	69403.96	69054.93	70092.56	2.15	ppb
Iron	57-2	72466.69	70700.45	71581.21	71582.78	1.23	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-12	Instrumnet Name :	P8
Client Sample ID :	YB6W3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:48:22	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	135.86	130.17	129.19	131.74	2.73	ppb
Lead	207-1	134.47	125.07	126.64	128.73	3.91	ppb
Lead	208-1	134.49	128.17	128.63	130.43	2.70	ppb
Lithium	6-1				110		%
Magnesium	24-2	13544.05	12891.28	13454.77	13296.70	2.66	ppb
Manganese	55-2	1286.15	1252.44	1253.88	1264.15	1.51	ppb
Molybdenum	94-1	6.26	5.82	5.78	5.95	4.43	ppb
Molybdenum	95-1	3.15	3.22	3.40	3.26	4.04	ppb
Molybdenum	96-1	4.98	5.08	5.01	5.02	1.02	ppb
Molybdenum	97-1	2.97	3.24	3.13	3.11	4.36	ppb
Molybdenum	98-1	3.33	3.29	3.33	3.32	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.62	83.78	82.87	84.42	2.32	ppb
Phosphorus	31-2	1734.40	1634.72	1874.03	1747.72	6.88	ppb
Potassium	39-2	2343.94	2285.49	2284.28	2304.57	1.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	2.64	1.84	2.73	2.40	20.44	ppb
Selenium	77-2	13.28	8.31	13.24	11.61	24.60	ppb
Selenium	78-2	3.82	5.08	4.22	4.38	14.70	ppb
Silicon	28-1	2610.73	2555.00	2586.92	2584.21	1.08	ppb
Silver	107-1	1.02	0.94	1.00	0.99	4.45	ppb
Silver	109-1	0.99	0.95	1.00	0.98	2.82	ppb
Sodium	23-2	301.52	292.06	291.57	295.05	1.90	ppb
Strontium	86-1	118.15	119.33	117.03	118.17	0.98	ppb
Strontium	88-1	120.99	115.63	118.49	118.37	2.26	ppb
Sulfur	34-1	2380.97	2312.21	2441.30	2378.16	2.72	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.04	0.03	0.05	41.95	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	20.45	ppb
Tin	118-1	2.69	2.77	2.65	2.70	2.34	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-12	Instrumnet Name :	P8
Client Sample ID :	YB6W3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:48:22	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	594.13	587.31	586.77	589.40	0.70	ppb
Uranium	238-1	1.37	1.32	1.34	1.34	1.69	ppb
Vanadium	51-2	141.19	136.71	135.86	137.92	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	526.50	505.09	506.00	512.53	2.36	ppb
Zirconium	90-1	1.72	1.67	1.73	1.71	1.86	ppb
Zirconium	91-1	2.02	1.73	1.85	1.87	7.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:51:20	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16121.94	16442.23	16197.05	16253.74	1.03	ppb
Antimony	121-1	1.45	1.59	1.53	1.52	4.54	ppb
Arsenic	75-2	1097.45	1073.77	1052.82	1074.68	2.08	ppb
Barium	135-1	245.14	243.02	235.87	241.34	2.01	ppb
Barium	137-1	247.14	250.26	237.07	244.82	2.81	ppb
Beryllium	9-1	0.65	0.59	0.59	0.61	5.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	3.16	3.61	3.17	3.32	7.79	ppb
Boron	11-1	3.13	3.57	3.52	3.41	7.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.44	0.28	0.40	25.18	ppb
Cadmium	106-1	0.96	-0.22	-1.46	-0.24		ppb
Cadmium	108-1	0.75	0.98	1.13	0.95	20.18	ppb
Calcium	43-1	9539.92	9516.12	9057.93	9371.32	2.90	ppb
Calcium	44-1	9403.75	9370.01	9242.66	9338.81	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.61	64.04	61.89	62.85	1.74	ppb
Cobalt	59-2	27.04	27.69	27.48	27.40	1.20	ppb
Copper	63-2	130.92	129.08	131.16	130.39	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				107		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	69013.59	70668.65	69409.67	69697.30	1.24	ppb
Iron	56-2	66735.91	68591.38	68552.43	67959.90	1.56	ppb
Iron	57-2	67742.29	71094.22	69198.07	69344.86	2.42	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:51:20	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	119.81	116.64	114.55	117.00	2.26	ppb
Lead	207-1	114.24	111.25	109.36	111.62	2.21	ppb
Lead	208-1	117.25	115.81	111.64	114.90	2.54	ppb
Lithium	6-1				111		%
Magnesium	24-2	10336.08	10562.92	10571.14	10490.04	1.27	ppb
Manganese	55-2	791.71	791.30	791.37	791.46	0.03	ppb
Molybdenum	94-1	5.84	5.61	5.11	5.52	6.78	ppb
Molybdenum	95-1	3.27	3.34	3.00	3.20	5.59	ppb
Molybdenum	96-1	5.17	4.84	4.68	4.90	5.10	ppb
Molybdenum	97-1	3.25	3.09	2.96	3.10	4.73	ppb
Molybdenum	98-1	3.35	3.22	2.94	3.17	6.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.71	64.43	64.65	64.27	0.77	ppb
Phosphorus	31-2	1319.46	1502.61	1371.71	1397.93	6.75	ppb
Potassium	39-2	2035.32	2070.52	2037.30	2047.71	0.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.76	2.69	2.88	2.11	55.63	ppb
Selenium	77-2	11.89	14.21	11.58	12.56	11.45	ppb
Selenium	78-2	2.62	2.83	1.94	2.46	18.91	ppb
Silicon	28-1	2462.19	2462.79	2393.73	2439.57	1.63	ppb
Silver	107-1	2.12	2.02	1.85	2.00	7.00	ppb
Silver	109-1	2.18	2.10	1.94	2.07	5.79	ppb
Sodium	23-2	339.20	344.21	353.86	345.76	2.15	ppb
Strontium	86-1	123.99	120.42	113.28	119.23	4.57	ppb
Strontium	88-1	122.65	119.08	113.75	118.49	3.78	ppb
Sulfur	34-1	2399.18	2318.60	2058.48	2258.75	7.88	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.07	0.05	0.07	22.33	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	12.50	ppb
Tin	118-1	2.37	2.43	2.30	2.37	2.64	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:51:20	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	613.80	606.76	584.95	601.84	2.50	ppb
Uranium	238-1	1.20	1.21	1.17	1.19	1.59	ppb
Vanadium	51-2	117.18	119.53	118.89	118.53	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	423.92	428.44	422.23	424.86	0.76	ppb
Zirconium	90-1	1.52	1.54	1.38	1.48	5.75	ppb
Zirconium	91-1	1.68	1.63	1.43	1.58	8.53	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:54:19	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6634.53	7501.86	7796.61	7311.00	8.26	ppb
Antimony	121-1	13.18	13.40	14.10	13.56	3.52	ppb
Arsenic	75-2	13272.50	15486.93	16605.05	15121.49	11.22	ppb
Barium	135-1	217.15	214.26	224.48	218.63	2.41	ppb
Barium	137-1	225.33	219.53	227.24	224.03	1.79	ppb
Beryllium	9-1	0.27	0.26	0.28	0.27	3.51	ppb
Bismuth	209-1				104		%
Bismuth	209-2				114		%
Boron	10-1	1.47	1.69	1.77	1.65	9.62	ppb
Boron	11-1	1.89	1.72	2.47	2.03	19.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.53	0.28	0.40	31.37	ppb
Cadmium	106-1	0.49	1.32	-0.28	0.51	157.80	ppb
Cadmium	108-1	1.16	0.77	1.21	1.05	22.83	ppb
Calcium	43-1	39219.56	39503.52	40907.80	39876.96	2.27	ppb
Calcium	44-1	38351.23	38283.64	40272.36	38969.07	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.26	36.28	38.26	35.60	8.58	ppb
Cobalt	59-2	10.18	11.28	12.12	11.19	8.71	ppb
Copper	63-2	93.07	102.08	107.62	100.92	7.28	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				105		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	54-2	111817.41	125113.72	130787.61	122572.92	7.94	ppb
Iron	56-2	108698.90	121362.37	127714.39	119258.55	8.12	ppb
Iron	57-2	107734.81	120967.72	130638.44	119780.32	9.60	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:54:19	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2146.43	2144.55	2214.35	2168.44	1.83	ppb
Lead	207-1	2050.74	2065.00	2133.53	2083.09	2.12	ppb
Lead	208-1	2113.73	2111.38	2196.92	2140.68	2.28	ppb
Lithium	6-1				107		%
Magnesium	24-2	3214.71	3669.88	3912.94	3599.18	9.85	ppb
Manganese	55-2	240.99	269.96	285.88	265.61	8.57	ppb
Molybdenum	94-1	16.47	17.03	18.38	17.29	5.68	ppb
Molybdenum	95-1	14.23	13.99	14.63	14.28	2.29	ppb
Molybdenum	96-1	17.16	16.78	17.72	17.22	2.73	ppb
Molybdenum	97-1	13.96	13.93	14.73	14.20	3.19	ppb
Molybdenum	98-1	14.17	13.61	14.27	14.02	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.63	28.90	29.93	27.82	10.10	ppb
Phosphorus	31-2	1543.64	1827.47	1845.78	1738.96	9.74	ppb
Potassium	39-2	2897.42	3236.78	3407.69	3180.63	8.17	ppb
Rhodium	103-1				103		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				115		%
Selenium	82-1	30.99	31.11	33.33	31.81	4.14	ppb
Selenium	77-2	31.94	32.71	32.00	32.22	1.32	ppb
Selenium	78-2	27.19	33.53	36.46	32.39	14.63	ppb
Silicon	28-1	1168.93	1190.18	1222.53	1193.88	2.26	ppb
Silver	107-1	7.18	7.43	7.76	7.46	3.92	ppb
Silver	109-1	7.14	7.21	7.69	7.35	4.03	ppb
Sodium	23-2	1193.48	1372.76	1453.15	1339.80	9.92	ppb
Strontium	86-1	1512.47	1539.95	1575.06	1542.49	2.03	ppb
Strontium	88-1	1489.35	1465.92	1575.52	1510.26	3.82	ppb
Sulfur	34-1	44354.89	44357.00	46934.70	45215.53	3.29	ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	0.43	0.45	0.47	0.45	4.50	ppb
Thallium	205-1	0.46	0.48	0.48	0.47	2.41	ppb
Tin	118-1	3.70	3.71	3.87	3.76	2.47	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:54:19	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	655.34	656.87	673.68	661.97	1.54	ppb
Uranium	238-1	0.58	0.57	0.59	0.58	1.55	ppb
Vanadium	51-2	59.95	66.13	71.10	65.73	8.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	133.11	151.45	161.06	148.54	9.56	ppb
Zirconium	90-1	2.78	2.92	2.89	2.86	2.71	ppb
Zirconium	91-1	5.32	5.35	5.71	5.46	4.00	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:57:12	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7585.68	7535.96	7492.00	7537.88	0.62	ppb
Antimony	121-1	13.49	13.18	13.72	13.46	1.99	ppb
Arsenic	75-2	15879.93	15952.96	16409.82	16080.91	1.79	ppb
Barium	135-1	213.01	217.95	216.72	215.89	1.19	ppb
Barium	137-1	225.81	223.06	222.45	223.77	0.80	ppb
Beryllium	9-1	0.26	0.25	0.26	0.26	2.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	1.42	1.67	1.51	1.53	8.42	ppb
Boron	11-1	1.85	1.75	1.77	1.79	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.59	0.47	0.51	13.14	ppb
Cadmium	106-1	1.31	2.79	1.15	1.75	51.65	ppb
Cadmium	108-1	0.99	1.03	0.62	0.88	25.69	ppb
Calcium	43-1	39647.88	38679.62	39623.71	39317.07	1.40	ppb
Calcium	44-1	39018.94	38011.00	39003.70	38677.88	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.11	37.71	37.39	37.40	0.80	ppb
Cobalt	59-2	11.59	11.86	11.64	11.70	1.24	ppb
Copper	63-2	104.38	104.55	106.15	105.02	0.93	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				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	126890.04	130850.08	127654.74	128464.95	1.64	ppb
Iron	56-2	127717.60	125508.54	124056.44	125760.86	1.47	ppb
Iron	57-2	127706.19	130296.42	127010.11	128337.57	1.35	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:57:12	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2198.63	2067.46	2101.05	2122.38	3.21	ppb
Lead	207-1	2074.23	1992.64	2035.59	2034.15	2.01	ppb
Lead	208-1	2133.50	2040.11	2075.43	2083.01	2.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	3699.55	3649.70	3746.90	3698.72	1.31	ppb
Manganese	55-2	272.63	276.14	272.88	273.88	0.71	ppb
Molybdenum	94-1	17.47	17.22	17.85	17.51	1.80	ppb
Molybdenum	95-1	13.97	13.85	14.40	14.07	2.07	ppb
Molybdenum	96-1	17.32	17.33	17.83	17.49	1.68	ppb
Molybdenum	97-1	13.75	13.83	14.36	13.98	2.35	ppb
Molybdenum	98-1	13.64	13.54	14.14	13.78	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.23	29.24	28.82	29.09	0.83	ppb
Phosphorus	31-2	1828.09	1758.38	1797.04	1794.50	1.95	ppb
Potassium	39-2	3332.43	3299.63	3251.54	3294.54	1.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	31.54	31.13	30.80	31.16	1.19	ppb
Selenium	77-2	36.19	42.85	24.39	34.48	27.11	ppb
Selenium	78-2	32.47	34.75	30.83	32.68	6.02	ppb
Silicon	28-1	1124.62	1117.59	1130.38	1124.20	0.57	ppb
Silver	107-1	7.38	7.42	7.70	7.50	2.36	ppb
Silver	109-1	7.66	7.38	7.64	7.56	2.03	ppb
Sodium	23-2	1411.15	1415.35	1426.80	1417.77	0.57	ppb
Strontium	86-1	1546.20	1499.80	1503.20	1516.40	1.71	ppb
Strontium	88-1	1485.90	1483.17	1475.22	1481.43	0.37	ppb
Sulfur	34-1	44575.67	44622.38	45877.19	45025.08	1.64	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.46	0.51	0.44	0.47	7.28	ppb
Thallium	205-1	0.49	0.47	0.47	0.48	2.76	ppb
Tin	118-1	3.57	3.51	3.65	3.58	2.02	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:57:12	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	659.20	663.36	663.40	661.98	0.36	ppb
Uranium	238-1	0.57	0.57	0.58	0.57	0.96	ppb
Vanadium	51-2	67.38	68.28	67.43	67.70	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	153.94	153.91	149.30	152.38	1.75	ppb
Zirconium	90-1	2.88	2.88	2.89	2.89	0.19	ppb
Zirconium	91-1	5.31	5.14	5.29	5.24	1.74	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LX5	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 19:00:07	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1586.59	1555.06	1573.21	1571.62	1.01	ppb
Antimony	121-1	2.66	2.69	2.82	2.72	3.02	ppb
Arsenic	75-2	3082.82	3132.04	3067.77	3094.21	1.09	ppb
Barium	135-1	44.39	46.26	44.71	45.12	2.22	ppb
Barium	137-1	43.59	44.76	45.59	44.65	2.24	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	12.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	0.08	0.60	0.25	0.31	86.06	ppb
Boron	11-1	0.28	0.53	0.54	0.45	32.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.06	0.09	-0.01		ppb
Cadmium	106-1	-2.02	-1.83	-0.14	-1.33		ppb
Cadmium	108-1	0.00	-0.10	0.08	0.00		ppb
Calcium	43-1	7966.32	8056.92	8014.50	8012.58	0.57	ppb
Calcium	44-1	7932.00	8068.91	7886.23	7962.38	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.67	7.89	7.48	7.68	2.68	ppb
Cobalt	59-2	2.44	2.42	2.46	2.44	0.84	ppb
Copper	63-2	21.58	21.79	22.32	21.90	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				100		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	26663.62	25418.76	27058.02	26380.14	3.24	ppb
Iron	56-2	26851.49	25952.83	26083.87	26296.06	1.85	ppb
Iron	57-2	25335.56	24899.15	25698.65	25311.12	1.58	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LX5	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 19:00:07	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	445.97	471.05	448.30	455.11	3.04	ppb
Lead	207-1	418.61	440.17	418.67	425.82	2.92	ppb
Lead	208-1	433.07	455.03	434.19	440.76	2.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	763.20	763.06	769.56	765.27	0.49	ppb
Manganese	55-2	58.79	57.72	57.02	57.84	1.54	ppb
Molybdenum	94-1	3.19	3.64	3.34	3.39	6.71	ppb
Molybdenum	95-1	2.72	3.11	2.86	2.90	6.81	ppb
Molybdenum	96-1	3.38	3.69	3.37	3.48	5.31	ppb
Molybdenum	97-1	2.69	2.88	2.92	2.83	4.29	ppb
Molybdenum	98-1	2.63	2.76	2.79	2.73	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.74	5.92	6.01	5.89	2.32	ppb
Phosphorus	31-2	330.60	344.97	322.75	332.77	3.39	ppb
Potassium	39-2	684.10	679.95	675.48	679.84	0.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	7.29	6.19	6.23	6.57	9.50	ppb
Selenium	77-2	9.58	7.39	7.24	8.07	16.23	ppb
Selenium	78-2	7.05	6.50	7.30	6.95	5.89	ppb
Silicon	28-1	238.66	238.13	243.12	239.97	1.14	ppb
Silver	107-1	1.52	1.46	1.51	1.50	2.02	ppb
Silver	109-1	1.50	1.47	1.55	1.51	2.69	ppb
Sodium	23-2	300.39	293.08	304.33	299.27	1.91	ppb
Strontium	86-1	306.01	315.44	307.01	309.49	1.67	ppb
Strontium	88-1	303.27	304.90	304.60	304.26	0.29	ppb
Sulfur	34-1	11264.39	11528.19	11307.23	11366.60	1.25	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.04	0.04	0.04	8.83	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	40.24	ppb
Tin	118-1	0.77	0.70	0.75	0.74	4.81	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LX5	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 19:00:07	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	131.17	131.32	134.99	132.49	1.63	ppb
Uranium	238-1	0.13	0.11	0.10	0.11	13.83	ppb
Vanadium	51-2	14.08	13.64	13.97	13.90	1.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	31.62	31.53	31.59	31.58	0.14	ppb
Zirconium	90-1	0.55	0.56	0.54	0.55	1.66	ppb
Zirconium	91-1	1.06	1.08	1.16	1.10	4.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:03:04	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9281.11	8991.83	9819.79	9364.24	4.49	ppb
Antimony	121-1	35.61	33.61	33.86	34.36	3.18	ppb
Arsenic	75-2	17925.47	18087.76	18390.14	18134.46	1.30	ppb
Barium	135-1	670.93	627.97	656.41	651.77	3.35	ppb
Barium	137-1	695.02	635.26	671.19	667.16	4.51	ppb
Beryllium	9-1	10.92	10.75	10.38	10.68	2.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	1.64	1.85	1.78	1.76	6.04	ppb
Boron	11-1	1.96	1.73	1.99	1.89	7.56	ppb
Bromine	81-1						cps
Cadmium	111-1	12.23	10.99	11.54	11.59	5.33	ppb
Cadmium	106-1	11.94	9.33	11.09	10.79	12.34	ppb
Cadmium	108-1	11.49	11.08	11.65	11.41	2.59	ppb
Calcium	43-1	47296.18	47319.17	45972.87	46862.74	1.64	ppb
Calcium	44-1	46224.04	45957.45	43738.00	45306.50	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.52	81.89	89.82	85.41	4.73	ppb
Cobalt	59-2	119.58	118.45	128.44	122.16	4.48	ppb
Copper	63-2	171.63	170.12	182.16	174.64	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				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	147168.01	147817.85	151961.02	148982.30	1.75	ppb
Iron	56-2	145989.08	141204.21	155363.82	147519.04	4.88	ppb
Iron	57-2	144953.21	143025.60	152898.94	146959.25	3.56	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:03:04	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2580.42	2389.81	2432.07	2467.43	4.06	ppb
Lead	207-1	2431.13	2225.94	2310.15	2322.40	4.44	ppb
Lead	208-1	2479.43	2335.30	2388.93	2401.22	3.03	ppb
Lithium	6-1				106		%
Magnesium	24-2	4331.22	4246.31	4546.97	4374.83	3.54	ppb
Manganese	55-2	415.06	408.79	434.35	419.40	3.18	ppb
Molybdenum	94-1	111.83	111.98	110.50	111.44	0.73	ppb
Molybdenum	95-1	129.55	128.36	125.32	127.74	1.71	ppb
Molybdenum	96-1	133.03	130.73	125.11	129.63	3.14	ppb
Molybdenum	97-1	131.51	127.15	127.86	128.84	1.82	ppb
Molybdenum	98-1	126.60	127.36	127.36	127.10	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.48	140.80	151.81	143.70	4.96	ppb
Phosphorus	31-2	2102.01	2108.36	2205.08	2138.48	2.70	ppb
Potassium	39-2	3815.06	3729.88	4027.70	3857.54	3.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	56.01	56.69	53.99	55.57	2.53	ppb
Selenium	77-2	76.79	69.38	57.20	67.79	14.59	ppb
Selenium	78-2	57.07	56.23	60.60	57.96	4.00	ppb
Silicon	28-1	1872.59	1839.61	1856.69	1856.30	0.89	ppb
Silver	107-1	20.28	19.06	19.88	19.74	3.17	ppb
Silver	109-1	20.31	19.46	19.56	19.78	2.34	ppb
Sodium	23-2	1601.38	1553.95	1692.41	1615.91	4.35	ppb
Strontium	86-1	3911.81	3866.28	3781.62	3853.24	1.71	ppb
Strontium	88-1	3812.01	3759.24	3791.89	3787.71	0.70	ppb
Sulfur	34-1	51984.07	51145.63	52403.62	51844.44	1.24	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	10.27	9.69	9.97	9.98	2.93	ppb
Thallium	205-1	10.57	10.05	10.11	10.24	2.79	ppb
Tin	118-1	4.44	4.05	4.51	4.33	5.69	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:03:04	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	722.53	719.49	694.08	712.03	2.19	ppb
Uranium	238-1	40.47	38.26	40.38	39.70	3.15	ppb
Vanadium	51-2	185.28	181.34	197.16	187.93	4.38	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	286.88	282.69	307.32	292.29	4.51	ppb
Zirconium	90-1	3.34	3.23	3.17	3.25	2.59	ppb
Zirconium	91-1	6.15	6.04	5.94	6.05	1.72	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-17	Instrumnet Name :	P8
Client Sample ID :	YB6W6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:06:00	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14640.06	14938.91	14806.39	14795.12	1.01	ppb
Antimony	121-1	0.99	0.94	0.98	0.97	2.66	ppb
Arsenic	75-2	858.22	851.81	834.13	848.05	1.47	ppb
Barium	135-1	226.26	222.91	223.70	224.29	0.78	ppb
Barium	137-1	228.99	229.93	229.08	229.33	0.23	ppb
Beryllium	9-1	0.97	0.86	0.90	0.91	6.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	1.28	1.28	1.18	1.25	4.36	ppb
Boron	11-1	1.57	1.35	1.65	1.53	10.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.77	0.60	0.54	0.64	18.31	ppb
Cadmium	106-1	1.34	-0.11	-0.09	0.38	218.92	ppb
Cadmium	108-1	1.42	1.58	1.63	1.54	7.23	ppb
Calcium	43-1	7393.77	7220.02	7328.45	7314.08	1.20	ppb
Calcium	44-1	7262.92	7292.91	7471.78	7342.54	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.53	55.56	55.75	55.94	0.92	ppb
Cobalt	59-2	32.38	32.75	32.76	32.63	0.66	ppb
Copper	63-2	87.83	87.19	86.12	87.05	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				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	56451.28	58070.43	56096.20	56872.64	1.85	ppb
Iron	56-2	54442.15	56729.12	55993.63	55721.63	2.10	ppb
Iron	57-2	55852.09	56732.11	57207.34	56597.18	1.21	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-17	Instrumnet Name :	P8
Client Sample ID :	YB6W6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:06:00	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	102.85	106.16	100.29	103.10	2.86	ppb
Lead	207-1	98.60	104.12	98.40	100.38	3.24	ppb
Lead	208-1	101.09	105.31	99.32	101.90	3.02	ppb
Lithium	6-1				106		%
Magnesium	24-2	9983.66	10111.41	9868.99	9988.02	1.21	ppb
Manganese	55-2	794.00	817.14	808.05	806.40	1.45	ppb
Molybdenum	94-1	3.25	3.33	3.19	3.26	2.28	ppb
Molybdenum	95-1	1.91	1.92	1.82	1.89	2.95	ppb
Molybdenum	96-1	3.35	3.40	3.40	3.38	0.79	ppb
Molybdenum	97-1	1.81	1.92	1.94	1.89	3.75	ppb
Molybdenum	98-1	1.79	1.85	1.69	1.78	4.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.12	54.19	53.92	53.74	1.03	ppb
Phosphorus	31-2	1624.03	1666.53	1698.60	1663.06	2.25	ppb
Potassium	39-2	2087.64	2128.50	2102.36	2106.17	0.98	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	1.35	2.25	1.57	1.72	27.29	ppb
Selenium	77-2	13.27	8.41	12.96	11.54	23.58	ppb
Selenium	78-2	2.66	3.14	3.29	3.03	10.86	ppb
Silicon	28-1	2511.76	2456.20	2489.04	2485.66	1.12	ppb
Silver	107-1	0.59	0.57	0.52	0.56	6.92	ppb
Silver	109-1	0.62	0.59	0.56	0.59	4.39	ppb
Sodium	23-2	222.52	238.15	225.08	228.59	3.67	ppb
Strontium	86-1	67.15	69.73	67.41	68.10	2.09	ppb
Strontium	88-1	68.13	68.79	67.24	68.05	1.14	ppb
Sulfur	34-1	813.22	582.14	683.55	692.97	16.71	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.08	0.07	0.07	20.63	ppb
Thallium	205-1	0.07	0.05	0.07	0.06	15.05	ppb
Tin	118-1	1.54	1.57	1.59	1.57	1.63	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-17	Instrumnet Name :	P8
Client Sample ID :	YB6W6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:06:00	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	630.20	621.76	633.53	628.50	0.97	ppb
Uranium	238-1	2.15	2.23	2.19	2.19	1.93	ppb
Vanadium	51-2	115.56	117.48	115.26	116.10	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	963.60	954.60	939.34	952.51	1.29	ppb
Zirconium	90-1	0.92	0.91	0.87	0.90	2.93	ppb
Zirconium	91-1	1.11	0.96	0.93	1.00	9.55	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:08:57	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5418.15	5412.07	5493.61	5441.28	0.83	ppb
Antimony	121-1	6.83	6.92	6.75	6.83	1.24	ppb
Arsenic	75-2	10592.84	10225.84	10371.53	10396.73	1.78	ppb
Barium	135-1	277.91	270.82	270.62	273.12	1.52	ppb
Barium	137-1	283.16	281.11	275.50	279.92	1.42	ppb
Beryllium	9-1	0.20	0.19	0.17	0.19	5.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	0.82	1.06	1.53	1.14	31.77	ppb
Boron	11-1	1.04	1.06	1.05	1.05	0.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.11	0.40	0.22	69.42	ppb
Cadmium	106-1	0.53	-0.33	2.85	1.01	161.88	ppb
Cadmium	108-1	2.73	2.27	1.84	2.28	19.53	ppb
Calcium	43-1	25567.19	24792.14	25451.17	25270.17	1.65	ppb
Calcium	44-1	25172.73	24241.71	25533.09	24982.51	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.62	26.00	26.88	26.17	2.48	ppb
Cobalt	59-2	9.08	9.06	9.23	9.13	1.02	ppb
Copper	63-2	91.69	92.60	93.84	92.71	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				105		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	93444.79	89882.22	94369.62	92565.54	2.56	ppb
Iron	56-2	91706.71	89910.96	94199.60	91939.09	2.34	ppb
Iron	57-2	91737.69	93457.04	93986.58	93060.44	1.26	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:08:57	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3591.44	3484.84	3573.45	3549.91	1.61	ppb
Lead	207-1	3394.15	3311.09	3356.40	3353.88	1.24	ppb
Lead	208-1	3477.94	3455.16	3474.77	3469.29	0.36	ppb
Lithium	6-1				108		%
Magnesium	24-2	2686.12	2684.35	2785.40	2718.62	2.13	ppb
Manganese	55-2	223.33	218.77	229.79	223.97	2.47	ppb
Molybdenum	94-1	30.34	30.62	30.15	30.37	0.78	ppb
Molybdenum	95-1	30.32	31.50	29.95	30.59	2.65	ppb
Molybdenum	96-1	33.10	33.60	31.54	32.75	3.28	ppb
Molybdenum	97-1	30.76	31.88	30.09	30.91	2.92	ppb
Molybdenum	98-1	30.83	31.02	29.79	30.55	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.85	16.05	16.31	16.07	1.43	ppb
Phosphorus	31-2	1429.16	1294.59	1363.80	1362.52	4.94	ppb
Potassium	39-2	3628.66	3646.03	3719.90	3664.86	1.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	30.84	29.83	29.52	30.06	2.31	ppb
Selenium	77-2	31.92	36.01	37.59	35.18	8.31	ppb
Selenium	78-2	32.00	31.99	32.32	32.10	0.59	ppb
Silicon	28-1	1137.28	1100.43	1119.56	1119.09	1.65	ppb
Silver	107-1	27.43	26.99	26.45	26.96	1.82	ppb
Silver	109-1	27.06	25.66	26.49	26.40	2.67	ppb
Sodium	23-2	1563.35	1614.08	1637.55	1604.99	2.36	ppb
Strontium	86-1	637.19	650.88	635.49	641.19	1.32	ppb
Strontium	88-1	633.00	635.90	621.22	630.04	1.23	ppb
Sulfur	34-1	30042.87	28905.17	29103.31	29350.45	2.07	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.27	0.23	0.25	8.36	ppb
Thallium	205-1	0.24	0.26	0.27	0.26	5.32	ppb
Tin	118-1	4.05	3.90	4.04	4.00	2.12	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:08:57	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	470.11	455.00	470.81	465.31	1.92	ppb
Uranium	238-1	0.70	0.72	0.67	0.69	3.42	ppb
Vanadium	51-2	55.64	55.52	56.98	56.05	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	102.26	101.16	104.35	102.59	1.58	ppb
Zirconium	90-1	2.56	2.43	2.45	2.48	2.75	ppb
Zirconium	91-1	4.15	3.92	3.97	4.01	3.03	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:11:53	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5871.91	5821.83	5765.61	5819.78	0.91	ppb
Antimony	121-1	6.35	6.37	6.77	6.49	3.66	ppb
Arsenic	75-2	9804.54	10077.86	9901.54	9927.98	1.40	ppb
Barium	135-1	286.38	289.14	294.09	289.87	1.35	ppb
Barium	137-1	290.89	291.25	296.73	292.96	1.12	ppb
Beryllium	9-1	0.21	0.24	0.21	0.22	9.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	1.13	1.29	1.14	1.19	7.39	ppb
Boron	11-1	1.03	1.16	1.43	1.20	16.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.28	0.09	0.22	49.83	ppb
Cadmium	106-1	1.77	1.80	-0.46	1.03	125.51	ppb
Cadmium	108-1	2.36	2.53	2.56	2.48	4.33	ppb
Calcium	43-1	23518.37	23553.90	22903.45	23325.24	1.57	ppb
Calcium	44-1	22800.23	23346.19	22892.56	23013.00	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.59	28.33	28.67	28.86	2.27	ppb
Cobalt	59-2	9.38	9.50	9.38	9.42	0.74	ppb
Copper	63-2	91.90	90.24	91.77	91.30	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				105		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	93395.75	93340.46	94593.21	93776.47	0.75	ppb
Iron	56-2	91934.21	91818.90	91070.06	91607.72	0.51	ppb
Iron	57-2	94870.08	93617.47	89838.76	92775.44	2.82	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:11:53	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3504.81	3448.27	3393.31	3448.80	1.62	ppb
Lead	207-1	3295.11	3250.36	3292.94	3279.47	0.77	ppb
Lead	208-1	3376.23	3357.87	3373.97	3369.36	0.30	ppb
Lithium	6-1				108		%
Magnesium	24-2	2876.69	2935.66	2873.50	2895.29	1.21	ppb
Manganese	55-2	231.85	229.30	228.38	229.84	0.78	ppb
Molybdenum	94-1	29.32	27.94	29.52	28.93	2.96	ppb
Molybdenum	95-1	29.19	28.60	29.27	29.02	1.25	ppb
Molybdenum	96-1	32.28	31.28	31.85	31.80	1.58	ppb
Molybdenum	97-1	29.62	29.11	29.05	29.26	1.07	ppb
Molybdenum	98-1	29.14	29.02	29.62	29.26	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.01	16.99	16.96	16.99	0.17	ppb
Phosphorus	31-2	1382.56	1398.93	1247.26	1342.92	6.20	ppb
Potassium	39-2	3692.15	3647.83	3626.64	3655.54	0.91	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	29.79	28.66	29.54	29.33	2.02	ppb
Selenium	77-2	32.27	40.03	27.35	33.22	19.24	ppb
Selenium	78-2	32.67	33.07	30.10	31.95	5.05	ppb
Silicon	28-1	1441.11	1468.80	1428.69	1446.20	1.42	ppb
Silver	107-1	25.78	25.41	26.57	25.92	2.28	ppb
Silver	109-1	25.73	25.37	26.62	25.91	2.48	ppb
Sodium	23-2	1584.94	1600.40	1563.68	1583.01	1.16	ppb
Strontium	86-1	629.03	621.33	629.24	626.53	0.72	ppb
Strontium	88-1	613.38	614.33	606.41	611.38	0.71	ppb
Sulfur	34-1	27925.42	27244.88	26640.22	27270.17	2.36	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.25	0.22	0.28	0.25	12.01	ppb
Thallium	205-1	0.24	0.23	0.26	0.24	6.49	ppb
Tin	118-1	4.86	4.95	5.22	5.01	3.74	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:11:53	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	472.57	474.78	471.59	472.98	0.35	ppb
Uranium	238-1	0.71	0.68	0.70	0.70	1.87	ppb
Vanadium	51-2	61.08	60.31	59.50	60.30	1.31	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	105.51	105.76	104.06	105.11	0.88	ppb
Zirconium	90-1	2.36	2.29	2.36	2.33	1.80	ppb
Zirconium	91-1	3.86	3.99	3.83	3.90	2.24	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:14:46	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18020.61	17444.23	17821.79	17762.21	1.65	ppb
Antimony	121-1	1.31	1.32	1.37	1.33	2.28	ppb
Arsenic	75-2	1405.13	1374.16	1376.12	1385.14	1.25	ppb
Barium	135-1	180.62	186.27	180.02	182.31	1.89	ppb
Barium	137-1	185.48	186.55	179.54	183.85	2.05	ppb
Beryllium	9-1	0.37	0.37	0.39	0.38	2.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	1.43	1.92	1.47	1.61	16.80	ppb
Boron	11-1	1.49	1.79	1.98	1.75	14.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.36	0.50	0.33	52.63	ppb
Cadmium	106-1	-2.25	-0.40	1.79	-0.29		ppb
Cadmium	108-1	1.34	0.89	1.74	1.32	31.83	ppb
Calcium	43-1	8165.46	8102.58	8030.20	8099.41	0.84	ppb
Calcium	44-1	8232.56	8279.08	8026.48	8179.37	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.50	45.93	45.53	46.32	2.25	ppb
Cobalt	59-2	26.96	26.56	26.18	26.56	1.48	ppb
Copper	63-2	131.18	126.38	126.88	128.15	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				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	70641.45	69265.44	69030.67	69645.86	1.25	ppb
Iron	56-2	71797.51	68160.09	67404.60	69120.73	3.40	ppb
Iron	57-2	72379.96	69394.48	68541.67	70105.37	2.87	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:14:46	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	175.94	183.61	179.71	179.76	2.13	ppb
Lead	207-1	169.80	181.81	173.50	175.04	3.51	ppb
Lead	208-1	178.90	187.94	181.24	182.69	2.57	ppb
Lithium	6-1				109		%
Magnesium	24-2	14210.15	13808.99	14479.72	14166.29	2.38	ppb
Manganese	55-2	844.61	814.92	826.38	828.64	1.81	ppb
Molybdenum	94-1	7.38	7.47	7.69	7.52	2.09	ppb
Molybdenum	95-1	5.22	5.60	5.59	5.47	3.99	ppb
Molybdenum	96-1	6.86	7.30	7.65	7.27	5.48	ppb
Molybdenum	97-1	5.37	5.57	5.49	5.48	1.82	ppb
Molybdenum	98-1	5.07	5.59	5.50	5.39	5.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.79	39.33	40.94	40.35	2.20	ppb
Phosphorus	31-2	1023.68	952.05	1034.60	1003.44	4.47	ppb
Potassium	39-2	1588.40	1568.10	1551.38	1569.29	1.18	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	2.54	4.50	1.79	2.94	47.61	ppb
Selenium	77-2	9.30	7.58	10.74	9.20	17.21	ppb
Selenium	78-2	2.89	4.66	4.04	3.86	23.14	ppb
Silicon	28-1	2043.48	2059.34	2018.18	2040.33	1.02	ppb
Silver	107-1	1.28	1.22	1.18	1.22	4.04	ppb
Silver	109-1	1.21	1.20	1.27	1.23	2.90	ppb
Sodium	23-2	415.66	396.78	407.89	406.78	2.33	ppb
Strontium	86-1	96.06	104.01	102.37	100.81	4.16	ppb
Strontium	88-1	96.35	103.39	100.92	100.22	3.57	ppb
Sulfur	34-1	3496.55	3382.57	3261.45	3380.19	3.48	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.02	0.00	0.01	207.56	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	59.70	ppb
Tin	118-1	2.74	2.69	2.73	2.72	0.80	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:14:46	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	434.66	435.25	429.13	433.01	0.78	ppb
Uranium	238-1	0.55	0.57	0.55	0.56	2.13	ppb
Vanadium	51-2	103.63	99.88	100.48	101.33	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	557.88	550.97	555.20	554.69	0.63	ppb
Zirconium	90-1	1.44	1.56	1.48	1.49	4.10	ppb
Zirconium	91-1	1.57	1.55	1.61	1.58	2.09	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-21	Instrumnet Name :	P8
Client Sample ID :	YB6X0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:17:45	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21715.92	21065.08	20750.68	21177.23	2.32	ppb
Antimony	121-1	0.38	0.39	0.32	0.36	10.88	ppb
Arsenic	75-2	646.31	650.06	624.81	640.39	2.13	ppb
Barium	135-1	271.62	281.51	277.80	276.98	1.80	ppb
Barium	137-1	279.22	291.68	279.94	283.61	2.47	ppb
Beryllium	9-1	0.72	0.72	0.70	0.71	1.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	0.69	0.84	0.75	0.76	10.31	ppb
Boron	11-1	0.97	0.81	0.78	0.85	11.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.49	0.38	0.44	12.10	ppb
Cadmium	106-1	0.37	0.57	-0.66	0.09	697.02	ppb
Cadmium	108-1	0.23	0.71	0.79	0.58	52.06	ppb
Calcium	43-1	10115.19	10097.29	9892.91	10035.13	1.23	ppb
Calcium	44-1	9935.88	9929.27	9822.92	9896.02	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.70	95.09	94.67	94.82	0.25	ppb
Cobalt	59-2	23.94	23.66	23.14	23.58	1.71	ppb
Copper	63-2	172.24	172.09	174.72	173.02	0.85	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				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	90073.24	89770.65	88287.32	89377.07	1.07	ppb
Iron	56-2	89539.77	89591.09	89062.35	89397.74	0.33	ppb
Iron	57-2	91460.43	89488.22	89154.77	90034.47	1.38	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-21	Instrumnet Name :	P8
Client Sample ID :	YB6X0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:17:45	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	66.12	67.02	67.01	66.72	0.78	ppb
Lead	207-1	64.15	63.93	63.72	63.94	0.34	ppb
Lead	208-1	65.60	65.79	65.33	65.57	0.35	ppb
Lithium	6-1				109		%
Magnesium	24-2	9620.86	9634.42	9599.66	9618.31	0.18	ppb
Manganese	55-2	688.84	682.76	674.78	682.13	1.03	ppb
Molybdenum	94-1	4.87	5.29	5.30	5.15	4.73	ppb
Molybdenum	95-1	2.86	3.10	3.07	3.01	4.35	ppb
Molybdenum	96-1	5.16	5.17	5.75	5.36	6.39	ppb
Molybdenum	97-1	3.23	3.28	3.01	3.17	4.40	ppb
Molybdenum	98-1	2.68	2.98	2.78	2.81	5.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.30	33.69	32.96	33.32	1.10	ppb
Phosphorus	31-2	998.22	1041.64	1138.95	1059.60	6.80	ppb
Potassium	39-2	3504.51	3495.11	3487.71	3495.78	0.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	-0.40	1.79	2.22	1.20	116.80	ppb
Selenium	77-2	13.51	14.49	9.27	12.42	22.33	ppb
Selenium	78-2	1.37	2.65	3.66	2.56	44.88	ppb
Silicon	28-1	2492.10	2506.19	2462.13	2486.80	0.90	ppb
Silver	107-1	0.41	0.41	0.38	0.40	5.03	ppb
Silver	109-1	0.40	0.38	0.40	0.39	2.31	ppb
Sodium	23-2	208.95	206.68	205.39	207.01	0.87	ppb
Strontium	86-1	90.62	96.08	95.06	93.92	3.09	ppb
Strontium	88-1	91.65	93.55	95.05	93.42	1.82	ppb
Sulfur	34-1	6557.25	6650.94	6401.55	6536.58	1.93	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.09	0.10	0.10	5.04	ppb
Thallium	205-1	0.08	0.10	0.09	0.09	11.46	ppb
Tin	118-1	1.22	1.38	1.30	1.30	6.49	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-21	Instrumnet Name :	P8
Client Sample ID :	YB6X0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:17:45	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	547.57	544.75	545.99	546.10	0.26	ppb
Uranium	238-1	1.51	1.48	1.57	1.52	3.30	ppb
Vanadium	51-2	190.19	193.79	191.29	191.76	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	161.13	158.66	157.90	159.23	1.06	ppb
Zirconium	90-1	1.29	1.34	1.31	1.31	1.83	ppb
Zirconium	91-1	1.39	1.46	1.53	1.46	4.85	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-22	Instrumnet Name :	P8
Client Sample ID :	YB6X1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:20:42	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10619.64	10892.08	10642.45	10718.05	1.41	ppb
Antimony	121-1	0.23	0.26	0.23	0.24	7.34	ppb
Arsenic	75-2	52.08	50.32	51.00	51.13	1.73	ppb
Barium	135-1	176.26	180.71	171.09	176.02	2.73	ppb
Barium	137-1	180.39	184.50	177.01	180.63	2.08	ppb
Beryllium	9-1	0.51	0.50	0.52	0.51	1.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	-0.15	-0.35	0.29	-0.07		ppb
Boron	11-1	0.25	0.15	0.07	0.16	56.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.03	0.10	0.05	81.16	ppb
Cadmium	106-1	-1.84	-1.64	-0.43	-1.30		ppb
Cadmium	108-1	0.10	0.22	0.44	0.25	68.47	ppb
Calcium	43-1	4944.84	4918.71	4930.24	4931.26	0.27	ppb
Calcium	44-1	4979.19	4956.85	4898.79	4944.94	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.20	31.45	30.44	31.03	1.69	ppb
Cobalt	59-2	16.23	16.48	16.16	16.29	1.05	ppb
Copper	63-2	48.69	49.54	47.53	48.59	2.08	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				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	36177.31	36623.46	34772.70	35857.82	2.69	ppb
Iron	56-2	34557.76	35476.31	34047.43	34693.84	2.09	ppb
Iron	57-2	33371.63	34330.67	33191.82	33631.37	1.82	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-22	Instrumnet Name :	P8
Client Sample ID :	YB6X1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:20:42	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.53	12.70	12.59	12.61	0.67	ppb
Lead	207-1	12.17	12.30	12.26	12.24	0.53	ppb
Lead	208-1	12.41	12.35	12.35	12.37	0.25	ppb
Lithium	6-1				109		%
Magnesium	24-2	6847.03	6988.43	6931.38	6922.28	1.03	ppb
Manganese	55-2	512.20	525.29	508.67	515.39	1.70	ppb
Molybdenum	94-1	5.73	5.50	5.56	5.60	2.12	ppb
Molybdenum	95-1	0.57	0.59	0.63	0.60	4.40	ppb
Molybdenum	96-1	1.77	2.02	1.86	1.88	6.49	ppb
Molybdenum	97-1	0.64	0.61	0.50	0.58	12.61	ppb
Molybdenum	98-1	0.57	0.61	0.51	0.56	8.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.67	22.59	21.00	21.75	3.67	ppb
Phosphorus	31-2	766.57	897.79	937.33	867.23	10.31	ppb
Potassium	39-2	1622.55	1652.29	1626.12	1633.65	0.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	-0.22	-0.11	-0.21	-0.18		ppb
Selenium	77-2	14.31	11.18	9.50	11.66	20.91	ppb
Selenium	78-2	0.56	0.78	1.85	1.06	65.06	ppb
Silicon	28-1	2202.45	2190.86	2188.45	2193.92	0.34	ppb
Silver	107-1	0.09	0.08	0.10	0.09	10.33	ppb
Silver	109-1	0.09	0.09	0.09	0.09	3.17	ppb
Sodium	23-2	160.30	162.94	157.55	160.26	1.68	ppb
Strontium	86-1	37.61	37.71	38.14	37.82	0.75	ppb
Strontium	88-1	37.18	36.90	37.48	37.19	0.77	ppb
Sulfur	34-1	-1402.42	-1355.28	-1372.83	-1376.84		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.10	0.04	0.07	42.13	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	12.64	ppb
Tin	118-1	0.72	0.67	0.64	0.68	5.65	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-22	Instrumnet Name :	P8
Client Sample ID :	YB6X1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:20:42	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	654.70	657.57	643.18	651.82	1.17	ppb
Uranium	238-1	1.58	1.77	1.67	1.67	5.70	ppb
Vanadium	51-2	83.66	85.49	83.94	84.36	1.17	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	101.38	104.26	101.43	102.36	1.61	ppb
Zirconium	90-1	2.74	2.73	2.63	2.70	2.23	ppb
Zirconium	91-1	2.74	2.45	2.84	2.68	7.49	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:23:43	DataFile Name :	083CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48598.53	50449.66	48765.41	49271.20	2.08	ppb
Antimony	121-1	472.45	493.67	498.36	488.16	2.83	ppb
Arsenic	75-2	472.81	462.76	480.53	472.03	1.89	ppb
Barium	135-1	2380.55	2479.22	2436.95	2432.24	2.04	ppb
Barium	137-1	2418.45	2443.56	2428.48	2430.16	0.52	ppb
Beryllium	9-1	471.27	463.28	471.67	468.74	1.01	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	445.09	462.64	489.40	465.71	4.79	ppb
Boron	11-1	479.89	488.31	510.49	492.89	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	455.80	466.28	461.87	461.32	1.14	ppb
Cadmium	106-1	461.47	473.92	460.35	465.25	1.62	ppb
Cadmium	108-1	455.95	469.97	467.21	464.38	1.60	ppb
Calcium	43-1	246199.55	250499.58	251234.90	249311.34	1.09	ppb
Calcium	44-1	244583.95	242119.57	245196.46	243966.66	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.01	484.06	471.74	477.60	1.29	ppb
Cobalt	59-2	479.50	479.16	478.02	478.89	0.16	ppb
Copper	63-2	5020.75	5056.68	5065.22	5047.55	0.47	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				106		%
Holmium	165-2				112		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	130366.41	127882.56	127191.32	128480.09	1.30	ppb
Iron	56-2	127215.50	125720.20	125249.90	126061.87	0.81	ppb
Iron	57-2	125590.32	125467.30	124939.92	125332.51	0.28	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:23:43	DataFile Name :	083CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2361.17	2445.47	2429.98	2412.21	1.86	ppb
Lead	207-1	2409.83	2415.88	2419.14	2414.95	0.20	ppb
Lead	208-1	2405.89	2433.98	2440.55	2426.80	0.76	ppb
Lithium	6-1				111		%
Magnesium	24-2	242903.81	247476.61	240656.12	243678.84	1.43	ppb
Manganese	55-2	4947.05	4925.19	4913.14	4928.46	0.35	ppb
Molybdenum	94-1	5054.13	4732.01	4829.46	4871.87	3.39	ppb
Molybdenum	95-1	4962.44	4696.05	4839.91	4832.80	2.76	ppb
Molybdenum	96-1	5005.34	4688.05	4940.60	4877.99	3.44	ppb
Molybdenum	97-1	4953.02	4731.90	4829.06	4837.99	2.29	ppb
Molybdenum	98-1	4965.52	4724.09	4833.57	4841.06	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.64	506.68	506.59	508.63	0.68	ppb
Phosphorus	31-2	9682.81	9911.67	9278.79	9624.43	3.33	ppb
Potassium	39-2	120383.82	120229.73	121567.00	120726.85	0.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	477.58	464.71	472.37	471.55	1.37	ppb
Selenium	77-2	543.15	462.92	491.25	499.11	8.15	ppb
Selenium	78-2	501.42	486.23	500.57	496.08	1.72	ppb
Silicon	28-1	476.01	494.85	500.23	490.36	2.59	ppb
Silver	107-1	491.78	489.63	485.48	488.97	0.65	ppb
Silver	109-1	481.38	485.93	492.43	486.58	1.14	ppb
Sodium	23-2	247189.97	246974.23	242434.85	245533.02	1.09	ppb
Strontium	86-1	12198.74	12100.31	12061.96	12120.34	0.58	ppb
Strontium	88-1	12272.14	11838.16	12118.34	12076.22	1.82	ppb
Sulfur	34-1	9282.00	9258.83	9331.67	9290.83	0.40	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	482.67	493.22	489.24	488.38	1.09	ppb
Thallium	205-1	477.03	486.99	492.51	485.51	1.62	ppb
Tin	118-1	471.87	478.90	475.55	475.44	0.74	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:23:43	DataFile Name :	083CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4743.52	4780.52	4841.99	4788.67	1.04	ppb
Uranium	238-1	499.53	493.74	499.29	497.52	0.66	ppb
Vanadium	51-2	490.60	499.32	485.39	491.77	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	4772.51	4724.87	4748.41	4748.59	0.50	ppb
Zirconium	90-1	475.39	482.23	483.60	480.41	0.92	ppb
Zirconium	91-1	481.88	468.01	479.26	476.38	1.55	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:31:29	DataFile Name :	084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.10	0.19	0.21	59.08	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	13.57	ppb
Arsenic	75-2	0.13	0.12	0.09	0.11	16.06	ppb
Barium	135-1	0.00	0.01	0.03	0.01	113.23	ppb
Barium	137-1	0.02	0.01	0.01	0.01	28.50	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	14.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	5.70	5.92	6.34	5.98	5.40	ppb
Boron	11-1	6.12	5.81	5.81	5.91	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.34	-0.17	-0.23		ppb
Cadmium	106-1	-2.75	-4.71	-2.79	-3.42		ppb
Cadmium	108-1	-0.18	-0.18	-0.28	-0.21		ppb
Calcium	43-1	-5.47	-5.59	-6.92	-5.99		ppb
Calcium	44-1	-3.80	-2.82	-3.17	-3.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.07	-0.01	0.02	260.60	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.15	0.15	0.14	0.14	4.29	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				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	1.90	3.17	3.10	2.73	26.23	ppb
Iron	56-2	1.08	1.85	1.45	1.46	26.25	ppb
Iron	57-2	0.44	3.61	1.12	1.72	96.82	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:31:29	DataFile Name :	084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	5.82	ppb
Lead	207-1	0.08	0.05	0.02	0.05	61.61	ppb
Lead	208-1	0.07	0.06	0.04	0.06	19.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	1.77	2.10	1.82	1.90	9.58	ppb
Manganese	55-2	0.07	0.09	0.12	0.09	29.41	ppb
Molybdenum	94-1	0.05	0.04	0.03	0.04	21.73	ppb
Molybdenum	95-1	0.06	0.05	0.03	0.05	27.31	ppb
Molybdenum	96-1	0.09	0.06	0.06	0.07	26.37	ppb
Molybdenum	97-1	0.08	0.02	0.04	0.05	64.26	ppb
Molybdenum	98-1	0.08	0.05	0.05	0.06	28.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	68.42	ppb
Phosphorus	31-2	-31.66	-38.42	-13.05	-27.71		ppb
Potassium	39-2	-10.77	8.79	-4.60	-2.19		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.89	0.88	0.34	0.70	45.40	ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.68	-0.55	0.32	-0.30		ppb
Silicon	28-1	-5.44	-4.39	-2.32	-4.05		ppb
Silver	107-1	0.02	0.02	0.03	0.02	29.51	ppb
Silver	109-1	0.02	0.03	0.03	0.02	33.49	ppb
Sodium	23-2	17.88	22.51	21.98	20.79	12.19	ppb
Strontium	86-1	-0.22	-0.06	0.09	-0.06		ppb
Strontium	88-1	0.07	0.05	0.07	0.06	15.32	ppb
Sulfur	34-1	-661.66	-633.92	-489.94	-595.17		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.02	0.00	0.01	175.10	ppb
Thallium	205-1	-0.01	0.01	-0.01	0.00		ppb
Tin	118-1	-0.01	-0.03	0.00	-0.01		ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:31:29	DataFile Name :	084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.04	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.98	ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	-0.14	-0.04	0.10	-0.03		ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	421.02	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	24.21	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 19:53:11	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7906.42	9561.21	8072.14	8513.26	10.70	ppb
Antimony	121-1	0.66	0.73	0.72	0.70	4.82	ppb
Arsenic	75-2	512.20	613.02	514.24	546.49	10.54	ppb
Barium	135-1	116.87	114.71	116.60	116.06	1.01	ppb
Barium	137-1	119.77	120.52	119.40	119.90	0.48	ppb
Beryllium	9-1	0.31	0.31	0.31	0.31	1.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	1.65	1.82	1.04	1.51	27.13	ppb
Boron	11-1	1.57	1.58	1.41	1.52	6.23	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.10	0.24	0.12	96.14	ppb
Cadmium	106-1	-2.30	-1.97	-0.32	-1.53		ppb
Cadmium	108-1	0.36	0.27	0.13	0.25	46.23	ppb
Calcium	43-1	4681.16	4573.08	4711.34	4655.19	1.56	ppb
Calcium	44-1	4741.58	4780.20	4664.29	4728.69	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.86	36.23	31.17	32.42	10.38	ppb
Cobalt	59-2	13.40	15.70	13.56	14.22	9.03	ppb
Copper	63-2	62.57	76.38	64.26	67.74	11.13	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	33916.86	41950.62	34797.01	36888.16	11.94	ppb
Iron	56-2	32036.33	39281.21	33398.36	34905.30	11.03	ppb
Iron	57-2	31532.57	37540.59	32545.74	33872.97	9.50	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 19:53:11	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	58.44	59.78	58.35	58.86	1.36	ppb
Lead	207-1	55.49	56.71	57.19	56.46	1.55	ppb
Lead	208-1	57.09	57.69	57.84	57.54	0.69	ppb
Lithium	6-1				109		%
Magnesium	24-2	4943.36	5952.47	5002.43	5299.42	10.69	ppb
Manganese	55-2	377.89	469.16	390.79	412.61	11.97	ppb
Molybdenum	94-1	2.58	2.62	2.65	2.62	1.42	ppb
Molybdenum	95-1	1.49	1.50	1.53	1.51	1.49	ppb
Molybdenum	96-1	2.56	2.31	2.33	2.40	5.75	ppb
Molybdenum	97-1	1.45	1.48	1.51	1.48	1.89	ppb
Molybdenum	98-1	1.54	1.48	1.57	1.53	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.11	36.46	31.53	32.70	10.18	ppb
Phosphorus	31-2	628.16	804.82	731.27	721.42	12.30	ppb
Potassium	39-2	954.30	1217.16	974.06	1048.51	13.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	0.49	1.13	1.43	1.02	47.16	ppb
Selenium	77-2	2.85	8.02	4.47	5.11	51.75	ppb
Selenium	78-2	2.00	2.86	1.32	2.06	37.66	ppb
Silicon	28-1	1230.41	1191.15	1245.38	1222.31	2.29	ppb
Silver	107-1	0.94	1.03	1.04	1.00	5.61	ppb
Silver	109-1	1.02	0.96	0.97	0.98	3.59	ppb
Sodium	23-2	165.49	211.12	176.26	184.29	12.94	ppb
Strontium	86-1	59.82	58.22	57.37	58.47	2.13	ppb
Strontium	88-1	57.98	58.08	57.08	57.71	0.95	ppb
Sulfur	34-1	1468.78	1206.84	1323.52	1333.05	9.84	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.10	0.11	0.11	8.11	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	0.99	ppb
Tin	118-1	2.92	3.13	3.03	3.03	3.44	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 19:53:11	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	293.90	299.39	302.65	298.64	1.48	ppb
Uranium	238-1	0.57	0.61	0.60	0.59	3.65	ppb
Vanadium	51-2	56.81	70.26	58.96	62.01	11.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	198.53	240.80	201.64	213.66	11.03	ppb
Zirconium	90-1	0.75	0.72	0.75	0.74	2.13	ppb
Zirconium	91-1	0.71	0.81	0.79	0.77	6.73	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:56:13	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	151.63	160.86	163.13	158.54	3.84	ppb
Antimony	121-1	0.27	0.28	0.26	0.27	2.74	ppb
Arsenic	75-2	284.43	303.57	303.86	297.28	3.75	ppb
Barium	135-1	4.27	4.31	4.62	4.40	4.34	ppb
Barium	137-1	4.16	4.25	4.53	4.31	4.44	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	569.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				109		%
Boron	10-1	-0.44	-0.07	-0.38	-0.30		ppb
Boron	11-1	-0.11	0.10	-0.13	-0.05		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.22	-0.07	-0.16		ppb
Cadmium	106-1	-2.66	-3.26	-1.05	-2.32		ppb
Cadmium	108-1	-0.18	-0.21	-0.10	-0.16		ppb
Calcium	43-1	783.48	798.53	798.26	793.43	1.09	ppb
Calcium	44-1	781.48	794.43	800.70	792.20	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.89	0.84	0.81	13.70	ppb
Cobalt	59-2	0.24	0.27	0.25	0.25	5.72	ppb
Copper	63-2	2.17	2.25	2.25	2.22	2.08	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				102		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	2387.12	2587.60	2604.42	2526.38	4.79	ppb
Iron	56-2	2424.61	2634.53	2726.58	2595.24	5.96	ppb
Iron	57-2	2292.03	2546.52	2572.65	2470.40	6.28	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:56:13	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	42.16	41.40	43.74	42.44	2.82	ppb
Lead	207-1	40.98	40.12	40.71	40.60	1.09	ppb
Lead	208-1	41.34	41.17	42.17	41.56	1.29	ppb
Lithium	6-1				106		%
Magnesium	24-2	73.35	73.92	79.42	75.56	4.43	ppb
Manganese	55-2	5.68	6.01	5.73	5.81	3.12	ppb
Molybdenum	94-1	0.35	0.36	0.36	0.36	1.36	ppb
Molybdenum	95-1	0.27	0.26	0.23	0.25	8.44	ppb
Molybdenum	96-1	0.32	0.35	0.41	0.36	12.40	ppb
Molybdenum	97-1	0.29	0.28	0.26	0.28	6.09	ppb
Molybdenum	98-1	0.24	0.32	0.24	0.27	17.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.65	0.60	0.59	10.18	ppb
Phosphorus	31-2	-4.10	11.73	0.22	2.61	313.16	ppb
Potassium	39-2	41.75	65.51	65.66	57.64	23.88	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	-0.25	1.06	0.42	0.41	159.74	ppb
Selenium	77-2	-0.28	1.35	2.99	1.35	121.22	ppb
Selenium	78-2	1.06	1.48	0.72	1.09	35.42	ppb
Silicon	28-1	34.54	35.70	37.78	36.01	4.57	ppb
Silver	107-1	0.15	0.15	0.14	0.15	4.81	ppb
Silver	109-1	0.14	0.15	0.16	0.15	7.31	ppb
Sodium	23-2	29.95	37.75	40.15	35.95	14.83	ppb
Strontium	86-1	30.03	31.19	30.01	30.41	2.23	ppb
Strontium	88-1	29.50	30.67	29.90	30.03	1.98	ppb
Sulfur	34-1	453.62	650.37	733.14	612.38	23.45	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.70	1.79	1.91	1.80	6.01	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:56:13	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.93	13.46	13.55	13.31	2.51	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.32	ppb
Vanadium	51-2	1.39	1.35	1.47	1.40	4.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	3.24	3.35	3.46	3.35	3.36	ppb
Zirconium	90-1	0.04	0.07	0.06	0.06	27.26	ppb
Zirconium	91-1	0.12	0.12	0.10	0.11	11.85	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:59:15	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	156.01	152.50	154.48	154.33	1.14	ppb
Antimony	121-1	0.26	0.26	0.23	0.25	5.80	ppb
Arsenic	75-2	305.28	296.53	293.99	298.60	1.98	ppb
Barium	135-1	4.08	4.31	4.17	4.19	2.68	ppb
Barium	137-1	4.29	4.40	4.43	4.37	1.68	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	-0.59	-0.25	-0.45	-0.43		ppb
Boron	11-1	-0.36	-0.34	-0.38	-0.36		ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.03	-0.14	-0.04		ppb
Cadmium	106-1	0.37	-0.72	-2.29	-0.88		ppb
Cadmium	108-1	-0.21	-0.17	-0.35	-0.24		ppb
Calcium	43-1	801.85	761.09	796.00	786.31	2.80	ppb
Calcium	44-1	788.23	766.51	788.60	781.12	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.78	0.79	0.80	2.54	ppb
Cobalt	59-2	0.24	0.21	0.20	0.22	7.95	ppb
Copper	63-2	2.20	2.08	2.09	2.12	3.21	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				100		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	2510.84	2525.35	2512.87	2516.35	0.31	ppb
Iron	56-2	2586.20	2541.64	2532.21	2553.35	1.13	ppb
Iron	57-2	2523.54	2470.51	2430.98	2475.01	1.88	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:59:15	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	41.36	43.36	40.69	41.80	3.33	ppb
Lead	207-1	40.17	41.54	38.51	40.07	3.79	ppb
Lead	208-1	41.30	42.48	40.04	41.27	2.95	ppb
Lithium	6-1				106		%
Magnesium	24-2	75.32	72.86	79.71	75.96	4.57	ppb
Manganese	55-2	5.59	5.50	5.69	5.59	1.72	ppb
Molybdenum	94-1	0.32	0.37	0.33	0.34	8.08	ppb
Molybdenum	95-1	0.29	0.25	0.26	0.27	6.52	ppb
Molybdenum	96-1	0.38	0.35	0.41	0.38	6.79	ppb
Molybdenum	97-1	0.27	0.29	0.25	0.27	7.73	ppb
Molybdenum	98-1	0.26	0.29	0.30	0.29	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.51	0.64	0.58	11.77	ppb
Phosphorus	31-2	7.76	-4.03	-15.56	-3.95		ppb
Potassium	39-2	58.87	59.88	58.13	58.96	1.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.24	-0.58	0.90	0.03	3021.30	ppb
Selenium	77-2	1.34	1.33	0.52	1.07	44.39	ppb
Selenium	78-2	0.95	1.20	0.50	0.88	40.03	ppb
Silicon	28-1	35.63	32.11	34.55	34.10	5.29	ppb
Silver	107-1	0.14	0.15	0.14	0.14	4.01	ppb
Silver	109-1	0.14	0.14	0.14	0.14	3.33	ppb
Sodium	23-2	35.89	39.44	35.51	36.95	5.87	ppb
Strontium	86-1	29.78	31.08	29.95	30.27	2.34	ppb
Strontium	88-1	29.99	29.91	29.95	29.95	0.13	ppb
Sulfur	34-1	804.74	430.34	709.56	648.21	30.02	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	-0.01	0.01	180.41	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	63.96	ppb
Tin	118-1	0.08	0.09	0.11	0.09	13.97	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:59:15	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.79	12.64	13.60	13.01	3.99	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.35	ppb
Vanadium	51-2	1.33	1.33	1.30	1.32	1.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	2.74	3.03	3.06	2.95	5.99	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	7.52	ppb
Zirconium	91-1	0.14	0.11	0.11	0.12	13.18	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 20:02:20	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	235.90	228.02	224.82	229.58	2.48	ppb
Antimony	121-1	0.68	0.65	0.71	0.68	4.75	ppb
Arsenic	75-2	346.18	334.61	338.89	339.89	1.72	ppb
Barium	135-1	13.27	12.53	12.50	12.77	3.39	ppb
Barium	137-1	13.16	12.89	12.82	12.96	1.37	ppb
Beryllium	9-1	0.22	0.24	0.23	0.23	4.34	ppb
Bismuth	209-1				100		%
Bismuth	209-2				108		%
Boron	10-1	-0.45	-0.81	-0.78	-0.68		ppb
Boron	11-1	-0.65	-0.64	-0.48	-0.59		ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.03	0.23	0.15	69.63	ppb
Cadmium	106-1	-0.24	-2.72	0.19	-0.92		ppb
Cadmium	108-1	-0.13	0.21	0.12	0.06	275.65	ppb
Calcium	43-1	903.35	926.57	953.87	927.93	2.72	ppb
Calcium	44-1	872.33	907.25	929.16	902.91	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.68	1.46	1.74	1.63	8.91	ppb
Cobalt	59-2	2.57	2.35	2.35	2.42	5.40	ppb
Copper	63-2	3.44	3.38	3.47	3.43	1.35	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				102		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	2946.77	2886.72	2890.03	2907.84	1.16	ppb
Iron	56-2	2973.88	2978.74	2955.52	2969.38	0.41	ppb
Iron	57-2	2865.03	2826.35	2795.65	2829.01	1.23	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 20:02:20	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	47.02	47.81	48.03	47.62	1.12	ppb
Lead	207-1	44.59	45.85	44.95	45.13	1.44	ppb
Lead	208-1	46.12	47.53	46.11	46.59	1.75	ppb
Lithium	6-1				105		%
Magnesium	24-2	90.28	88.21	83.84	87.44	3.76	ppb
Manganese	55-2	8.58	8.54	8.30	8.47	1.77	ppb
Molybdenum	94-1	2.32	2.25	2.39	2.32	3.02	ppb
Molybdenum	95-1	2.35	2.44	2.65	2.48	6.13	ppb
Molybdenum	96-1	2.59	2.55	2.47	2.54	2.37	ppb
Molybdenum	97-1	2.42	2.48	2.63	2.51	4.33	ppb
Molybdenum	98-1	2.57	2.65	2.68	2.63	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.86	2.56	2.88	2.76	6.47	ppb
Phosphorus	31-2	29.76	-9.85	13.33	11.08	179.67	ppb
Potassium	39-2	73.04	64.97	74.60	70.87	7.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	-0.30	1.25	1.64	0.86	119.06	ppb
Selenium	77-2	0.53	0.52	2.95	1.33	105.05	ppb
Selenium	78-2	0.82	0.58	0.62	0.67	19.22	ppb
Silicon	28-1	48.80	53.22	55.31	52.44	6.34	ppb
Silver	107-1	0.38	0.35	0.43	0.39	10.73	ppb
Silver	109-1	0.38	0.42	0.39	0.39	5.21	ppb
Sodium	23-2	37.64	34.08	36.02	35.92	4.95	ppb
Strontium	86-1	76.60	79.67	80.20	78.82	2.47	ppb
Strontium	88-1	75.05	77.07	77.12	76.42	1.54	ppb
Sulfur	34-1	720.30	922.01	1074.93	905.74	19.64	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.20	0.17	0.19	11.55	ppb
Thallium	205-1	0.21	0.21	0.20	0.21	1.65	ppb
Tin	118-1	0.05	0.07	0.08	0.07	22.55	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 20:02:20	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.84	14.35	14.90	14.36	3.71	ppb
Uranium	238-1	0.76	0.79	0.77	0.77	1.71	ppb
Vanadium	51-2	3.65	3.55	3.68	3.63	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	5.65	5.73	6.05	5.81	3.59	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	13.50	ppb
Zirconium	91-1	0.08	0.12	0.13	0.11	24.63	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LDLX250	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	250
Date & Time Acquired ::	2022-05-18 20:05:23	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.07	30.91	31.45	30.48	4.09	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	15.31	ppb
Arsenic	75-2	58.45	59.03	58.76	58.75	0.49	ppb
Barium	135-1	0.79	0.92	0.87	0.86	7.38	ppb
Barium	137-1	0.73	0.90	0.82	0.81	10.77	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				107		%
Boron	10-1	-1.04	-0.87	-1.24	-1.05		ppb
Boron	11-1	-0.81	-0.77	-0.80	-0.79		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.07	-0.05	-0.07		ppb
Cadmium	106-1	-1.40	-1.20	-0.96	-1.18		ppb
Cadmium	108-1	-0.13	-0.28	-0.28	-0.23		ppb
Calcium	43-1	147.12	150.00	152.58	149.90	1.82	ppb
Calcium	44-1	150.86	151.88	153.67	152.14	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.16	0.15	0.17	15.17	ppb
Cobalt	59-2	0.05	0.05	0.04	0.05	19.87	ppb
Copper	63-2	0.47	0.41	0.47	0.45	6.95	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				101		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	494.05	497.73	490.48	494.09	0.73	ppb
Iron	56-2	486.03	493.75	480.72	486.83	1.35	ppb
Iron	57-2	488.28	496.79	500.71	495.26	1.28	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LDLX250	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	250
Date & Time Acquired ::	2022-05-18 20:05:23	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.31	8.17	7.98	8.16	2.02	ppb
Lead	207-1	7.90	7.94	7.79	7.88	0.98	ppb
Lead	208-1	8.11	8.09	8.03	8.08	0.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	14.44	14.73	13.37	14.18	5.06	ppb
Manganese	55-2	1.11	1.11	1.12	1.11	0.43	ppb
Molybdenum	94-1	0.04	0.06	0.08	0.06	27.44	ppb
Molybdenum	95-1	0.06	0.04	0.03	0.05	29.56	ppb
Molybdenum	96-1	0.08	0.12	0.06	0.09	32.23	ppb
Molybdenum	97-1	0.02	0.09	0.05	0.05	76.80	ppb
Molybdenum	98-1	0.05	0.06	0.03	0.05	26.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.11	0.11	0.12	12.63	ppb
Phosphorus	31-2	-23.95	-35.15	-23.84	-27.64		ppb
Potassium	39-2	7.99	9.72	6.65	8.12	18.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	-0.44	-0.30	-1.33	-0.69		ppb
Selenium	77-2	-0.28	-0.28	0.53	-0.01		ppb
Selenium	78-2	-0.69	-0.18	0.10	-0.26		ppb
Silicon	28-1	7.76	8.56	9.62	8.65	10.83	ppb
Silver	107-1	0.03	0.03	0.04	0.03	16.53	ppb
Silver	109-1	0.03	0.05	0.02	0.03	43.34	ppb
Sodium	23-2	8.79	9.37	6.89	8.35	15.53	ppb
Strontium	86-1	5.83	6.27	5.77	5.96	4.56	ppb
Strontium	88-1	5.92	5.88	5.78	5.86	1.25	ppb
Sulfur	34-1	-146.53	-140.12	-61.61	-116.09		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	0.03	0.00	0.01	262.40	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	27.04	ppb
Tin	118-1	0.35	0.28	0.29	0.30	13.18	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LDLX250	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	250
Date & Time Acquired ::	2022-05-18 20:05:23	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.52	2.73	2.53	2.59	4.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	144.97	ppb
Vanadium	51-2	0.26	0.25	0.20	0.24	14.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.62	0.58	0.51	0.57	10.04	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.21	ppb
Zirconium	91-1	0.03	0.05	0.00	0.03	81.28	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:08:28	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	220.56	242.90	220.96	228.14	5.60	ppb
Antimony	121-1	0.25	0.25	0.26	0.25	2.63	ppb
Arsenic	75-2	396.13	434.43	393.26	407.94	5.63	ppb
Barium	135-1	10.80	11.25	10.33	10.80	4.25	ppb
Barium	137-1	11.00	10.94	10.80	10.91	0.94	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	286.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	-0.97	-0.87	-1.22	-1.02		ppb
Boron	11-1	-0.87	-0.92	-1.06	-0.95		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.10	-0.16	-0.15		ppb
Cadmium	106-1	-2.44	-1.61	-2.34	-2.13		ppb
Cadmium	108-1	-0.12	-0.22	-0.05	-0.13		ppb
Calcium	43-1	967.17	1010.21	992.96	990.11	2.19	ppb
Calcium	44-1	973.55	1006.87	990.11	990.17	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.42	1.57	1.23	1.40	11.90	ppb
Cobalt	59-2	0.34	0.39	0.41	0.38	9.37	ppb
Copper	63-2	3.78	4.44	4.10	4.11	8.04	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				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	3655.55	3980.25	3622.16	3752.65	5.27	ppb
Iron	56-2	3728.63	4057.86	3692.19	3826.22	5.26	ppb
Iron	57-2	3569.58	3826.82	3587.98	3661.46	3.92	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:08:28	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	139.59	145.95	137.46	141.00	3.14	ppb
Lead	207-1	133.14	140.18	129.67	134.33	3.99	ppb
Lead	208-1	134.61	142.28	135.44	137.44	3.06	ppb
Lithium	6-1				108		%
Magnesium	24-2	111.45	122.40	111.60	115.15	5.45	ppb
Manganese	55-2	9.19	9.93	9.44	9.52	3.92	ppb
Molybdenum	94-1	1.31	1.10	1.28	1.23	9.03	ppb
Molybdenum	95-1	1.22	1.23	1.04	1.17	9.32	ppb
Molybdenum	96-1	1.25	1.29	1.25	1.26	1.75	ppb
Molybdenum	97-1	1.32	1.28	1.12	1.24	8.36	ppb
Molybdenum	98-1	1.19	1.21	1.24	1.22	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.67	0.66	0.66	2.02	ppb
Phosphorus	31-2	9.09	58.06	31.68	32.95	74.39	ppb
Potassium	39-2	135.29	160.17	137.27	144.25	9.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	1.76	0.43	2.08	1.42	61.66	ppb
Selenium	77-2	2.09	0.58	2.09	1.59	54.94	ppb
Selenium	78-2	0.82	3.11	-1.13	0.93	227.53	ppb
Silicon	28-1	65.14	57.24	55.50	59.29	8.66	ppb
Silver	107-1	1.01	1.05	1.07	1.05	2.97	ppb
Silver	109-1	1.01	0.96	1.02	1.00	3.22	ppb
Sodium	23-2	62.89	75.84	61.81	66.85	11.68	ppb
Strontium	86-1	25.50	23.95	24.12	24.52	3.47	ppb
Strontium	88-1	25.53	24.63	24.86	25.01	1.86	ppb
Sulfur	34-1	1097.20	1134.36	1068.11	1099.89	3.02	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.04	0.00	0.01	163.87	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	43.03	ppb
Tin	118-1	0.46	0.39	0.45	0.43	9.69	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:08:28	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	18.44	18.38	18.35	18.39	0.23	ppb
Uranium	238-1	0.02	0.03	0.04	0.03	30.66	ppb
Vanadium	51-2	2.23	2.43	2.20	2.28	5.45	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	4.35	4.85	4.49	4.56	5.65	ppb
Zirconium	90-1	0.09	0.07	0.11	0.09	20.07	ppb
Zirconium	91-1	0.21	0.20	0.18	0.20	8.09	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:11:30	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	239.68	234.47	241.95	238.70	1.61	ppb
Antimony	121-1	0.26	0.24	0.27	0.26	6.20	ppb
Arsenic	75-2	374.72	375.20	369.43	373.12	0.86	ppb
Barium	135-1	11.72	11.52	12.18	11.81	2.87	ppb
Barium	137-1	12.24	12.05	12.37	12.22	1.31	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	106.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				109		%
Boron	10-1	-1.24	-1.17	-0.80	-1.07		ppb
Boron	11-1	-1.14	-1.04	-0.94	-1.04		ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.13	-0.17	-0.09		ppb
Cadmium	106-1	0.47	-2.09	-2.36	-1.33		ppb
Cadmium	108-1	-0.07	-0.07	-0.09	-0.08		ppb
Calcium	43-1	902.60	953.57	926.52	927.56	2.75	ppb
Calcium	44-1	909.76	950.91	921.50	927.39	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.51	1.32	1.38	1.41	6.81	ppb
Cobalt	59-2	0.40	0.40	0.35	0.38	7.92	ppb
Copper	63-2	3.60	3.54	3.64	3.59	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				105		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	3727.76	3690.98	3700.18	3706.31	0.52	ppb
Iron	56-2	3838.55	3746.58	3724.02	3769.72	1.61	ppb
Iron	57-2	3590.51	3636.60	3618.19	3615.10	0.64	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:11:30	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	134.39	137.76	135.05	135.73	1.32	ppb
Lead	207-1	129.72	131.99	133.40	131.70	1.41	ppb
Lead	208-1	132.11	135.65	134.96	134.24	1.39	ppb
Lithium	6-1				108		%
Magnesium	24-2	115.65	115.29	121.42	117.45	2.93	ppb
Manganese	55-2	9.71	9.11	9.87	9.56	4.20	ppb
Molybdenum	94-1	1.16	5.25	1.09	2.50	95.15	ppb
Molybdenum	95-1	1.17	1.09	1.16	1.14	3.72	ppb
Molybdenum	96-1	1.22	1.31	1.32	1.28	4.42	ppb
Molybdenum	97-1	1.21	1.20	1.13	1.18	3.67	ppb
Molybdenum	98-1	1.27	1.18	1.26	1.23	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.66	0.74	0.72	7.09	ppb
Phosphorus	31-2	-18.69	41.85	47.33	23.50	155.95	ppb
Potassium	39-2	137.43	141.34	136.98	138.58	1.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.86	1.32	0.87	1.02	26.29	ppb
Selenium	77-2	0.50	1.30	0.50	0.77	59.93	ppb
Selenium	78-2	1.80	1.79	1.54	1.71	8.50	ppb
Silicon	28-1	73.85	77.90	73.49	75.08	3.26	ppb
Silver	107-1	1.06	1.15	1.03	1.08	6.17	ppb
Silver	109-1	1.06	1.01	1.06	1.04	2.65	ppb
Sodium	23-2	62.31	67.71	63.68	64.56	4.35	ppb
Strontium	86-1	24.81	24.89	24.70	24.80	0.39	ppb
Strontium	88-1	24.61	24.93	24.86	24.80	0.68	ppb
Sulfur	34-1	959.99	1250.36	1096.53	1102.29	13.18	ppb
Terbium	159-1				101		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	-0.01	0.00	2056.25	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00		ppb
Tin	118-1	0.30	0.30	0.35	0.32	8.59	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:11:30	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	18.88	19.83	19.34	19.35	2.44	ppb
Uranium	238-1	0.04	0.02	0.04	0.03	21.25	ppb
Vanadium	51-2	2.23	2.45	2.44	2.37	5.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	4.87	4.55	4.43	4.61	4.92	ppb
Zirconium	90-1	0.11	0.09	0.08	0.09	13.22	ppb
Zirconium	91-1	0.15	0.14	0.17	0.15	10.84	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 20:14:35	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9199.36	9040.64	9086.39	9108.80	0.90	ppb
Antimony	121-1	0.62	0.61	0.70	0.64	7.51	ppb
Arsenic	75-2	691.53	673.67	676.53	680.58	1.41	ppb
Barium	135-1	90.55	91.54	90.49	90.86	0.65	ppb
Barium	137-1	90.40	91.54	93.08	91.67	1.47	ppb
Beryllium	9-1	0.20	0.24	0.19	0.21	12.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				107		%
Boron	10-1	-0.23	0.12	-0.33	-0.15		ppb
Boron	11-1	-0.02	0.05	-0.12	-0.03		ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.02	0.03	0.07	108.98	ppb
Cadmium	106-1	-0.66	-2.10	-2.47	-1.74		ppb
Cadmium	108-1	0.20	0.48	0.44	0.37	40.38	ppb
Calcium	43-1	4033.02	4220.98	4026.80	4093.60	2.70	ppb
Calcium	44-1	4134.64	4300.46	4136.53	4190.55	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.12	23.61	23.39	23.38	1.06	ppb
Cobalt	59-2	13.29	13.36	13.41	13.35	0.43	ppb
Copper	63-2	64.19	64.02	63.57	63.93	0.50	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				103		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	36253.39	35819.19	36337.47	36136.69	0.77	ppb
Iron	56-2	33885.28	34001.66	33867.36	33918.10	0.21	ppb
Iron	57-2	33587.65	33486.84	32795.79	33290.09	1.29	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 20:14:35	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	90.90	91.98	91.68	91.52	0.61	ppb
Lead	207-1	85.80	86.01	88.97	86.93	2.03	ppb
Lead	208-1	88.31	89.11	89.98	89.14	0.94	ppb
Lithium	6-1				108		%
Magnesium	24-2	6867.90	6870.95	6881.49	6873.45	0.10	ppb
Manganese	55-2	418.32	427.48	428.50	424.77	1.32	ppb
Molybdenum	94-1	3.80	3.82	3.95	3.86	2.08	ppb
Molybdenum	95-1	2.69	2.75	2.68	2.70	1.37	ppb
Molybdenum	96-1	3.47	3.87	3.57	3.64	5.73	ppb
Molybdenum	97-1	2.83	2.64	2.80	2.76	3.66	ppb
Molybdenum	98-1	2.64	2.78	2.93	2.78	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.85	20.63	20.14	20.54	1.77	ppb
Phosphorus	31-2	473.41	510.27	524.73	502.80	5.26	ppb
Potassium	39-2	775.23	802.37	810.03	795.88	2.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	-0.54	1.66	0.36	0.50	223.05	ppb
Selenium	77-2	7.60	4.34	5.25	5.73	29.44	ppb
Selenium	78-2	2.35	1.57	1.51	1.81	25.98	ppb
Silicon	28-1	1025.27	1074.46	1029.01	1042.91	2.63	ppb
Silver	107-1	0.60	0.63	0.62	0.62	2.72	ppb
Silver	109-1	0.66	0.65	0.62	0.64	3.52	ppb
Sodium	23-2	195.54	195.40	202.46	197.80	2.04	ppb
Strontium	86-1	49.53	50.86	51.16	50.52	1.72	ppb
Strontium	88-1	50.04	50.46	50.17	50.22	0.42	ppb
Sulfur	34-1	1615.41	1758.38	1267.56	1547.11	16.32	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.08	0.07	0.07	22.45	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	12.79	ppb
Tin	118-1	2.12	2.31	2.26	2.23	4.25	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 20:14:35	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	215.18	224.11	214.51	217.93	2.46	ppb
Uranium	238-1	0.27	0.28	0.29	0.28	4.24	ppb
Vanadium	51-2	50.40	50.56	50.94	50.63	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	275.31	272.45	282.02	276.59	1.78	ppb
Zirconium	90-1	0.72	0.79	0.73	0.74	5.04	ppb
Zirconium	91-1	0.87	0.86	0.91	0.88	3.36	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P8
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:17:34	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50157.35	51092.34	48940.75	50063.48	2.15	ppb
Antimony	121-1	484.14	479.80	491.18	485.04	1.18	ppb
Arsenic	75-2	474.95	468.34	472.59	471.96	0.71	ppb
Barium	135-1	2359.46	2340.93	2439.24	2379.88	2.20	ppb
Barium	137-1	2412.33	2348.49	2345.27	2368.69	1.60	ppb
Beryllium	9-1	476.29	477.01	485.07	479.46	1.02	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	457.37	475.87	504.69	479.31	4.97	ppb
Boron	11-1	485.25	502.63	524.22	504.04	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	453.91	454.42	461.42	456.59	0.92	ppb
Cadmium	106-1	456.85	460.36	459.70	458.97	0.41	ppb
Cadmium	108-1	465.17	458.44	457.37	460.33	0.92	ppb
Calcium	43-1	246635.39	247659.34	235268.87	243187.87	2.83	ppb
Calcium	44-1	243040.66	247905.01	235467.76	242137.81	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.08	481.40	472.07	481.85	2.08	ppb
Cobalt	59-2	488.40	478.48	471.62	479.50	1.76	ppb
Copper	63-2	5123.13	4940.33	4949.97	5004.48	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				104		%
Holmium	165-2				109		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	131787.20	126132.08	128001.37	128640.21	2.24	ppb
Iron	56-2	131539.82	124942.62	124574.39	127018.95	3.09	ppb
Iron	57-2	127208.39	130782.11	126379.41	128123.31	1.83	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P8
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:17:34	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2430.24	2495.86	2431.87	2452.66	1.53	ppb
Lead	207-1	2408.79	2423.16	2429.21	2420.39	0.43	ppb
Lead	208-1	2436.95	2442.40	2434.29	2437.88	0.17	ppb
Lithium	6-1				106		%
Magnesium	24-2	258637.33	246738.36	246130.37	250502.02	2.82	ppb
Manganese	55-2	5003.15	4860.87	4909.61	4924.54	1.47	ppb
Molybdenum	94-1	4966.89	4944.75	4854.10	4921.91	1.21	ppb
Molybdenum	95-1	4866.71	4958.20	4886.43	4903.78	0.98	ppb
Molybdenum	96-1	4851.99	4863.84	5000.45	4905.43	1.68	ppb
Molybdenum	97-1	4793.38	4931.46	4893.41	4872.75	1.46	ppb
Molybdenum	98-1	4812.71	4910.05	4833.52	4852.10	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.43	504.38	491.73	500.52	1.52	ppb
Phosphorus	31-2	9607.67	9559.52	9698.55	9621.91	0.73	ppb
Potassium	39-2	125280.10	122081.59	122372.69	123244.79	1.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	463.63	461.51	459.21	461.45	0.48	ppb
Selenium	77-2	447.25	441.69	492.58	460.51	6.06	ppb
Selenium	78-2	495.01	483.92	496.66	491.86	1.41	ppb
Silicon	28-1	477.59	476.62	487.64	480.62	1.27	ppb
Silver	107-1	480.88	468.35	478.53	475.92	1.40	ppb
Silver	109-1	467.19	477.25	469.65	471.36	1.11	ppb
Sodium	23-2	253873.87	250146.77	248490.17	250836.94	1.10	ppb
Strontium	86-1	12305.09	12010.42	12078.11	12131.21	1.27	ppb
Strontium	88-1	12144.16	12072.69	11809.08	12008.64	1.47	ppb
Sulfur	34-1	9150.75	9043.90	8753.87	8982.84	2.29	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	482.05	497.85	486.44	488.78	1.67	ppb
Thallium	205-1	498.53	495.46	492.19	495.39	0.64	ppb
Tin	118-1	466.40	471.10	476.47	471.33	1.07	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P8
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:17:34	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4910.75	4755.35	4687.01	4784.37	2.40	ppb
Uranium	238-1	500.20	511.47	502.73	504.80	1.17	ppb
Vanadium	51-2	510.29	495.26	487.85	497.80	2.30	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	4827.13	4637.87	4660.11	4708.37	2.20	ppb
Zirconium	90-1	483.40	488.99	471.98	481.46	1.80	ppb
Zirconium	91-1	480.55	489.56	472.90	481.00	1.73	ppb

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : CCB057 Instrumnet Name : P8
 Client Sample ID : CCB057 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 20:22:39 DataFile Name : 099CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.19	-0.06	0.12	128.20	ppb
Antimony	121-1	0.10	0.12	0.13	0.12	14.59	ppb
Arsenic	75-2	0.07	0.02	0.04	0.04	53.20	ppb
Barium	135-1	0.03	0.03	0.03	0.03	9.85	ppb
Barium	137-1	0.03	0.03	0.03	0.03	11.18	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	133.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	10.52	9.47	9.00	9.66	8.08	ppb
Boron	11-1	10.68	10.30	9.32	10.10	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.21	-0.25	-0.22		ppb
Cadmium	106-1	-3.34	-3.03	-3.87	-3.41		ppb
Cadmium	108-1	-0.17	-0.31	-0.21	-0.23		ppb
Calcium	43-1	-6.58	-4.87	-8.07	-6.51		ppb
Calcium	44-1	-1.85	-1.96	-2.51	-2.11		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.02	0.02	97.65	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.11	0.08	0.04	0.07	48.62	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				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.73	0.96	2.34	1.34	64.87	ppb
Iron	56-2	0.81	0.93	0.90	0.88	7.39	ppb
Iron	57-2	-0.85	1.03	1.62	0.60	214.58	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P8
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:22:39	DataFile Name :	099CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.02	0.04	0.03	41.17	ppb
Lead	207-1	0.07	0.06	0.04	0.06	24.51	ppb
Lead	208-1	0.06	0.05	0.06	0.06	10.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.04	1.94	2.55	1.84	41.38	ppb
Manganese	55-2	0.03	0.07	0.05	0.05	41.39	ppb
Molybdenum	94-1	0.12	0.09	0.10	0.10	10.99	ppb
Molybdenum	95-1	0.06	0.04	0.09	0.06	40.22	ppb
Molybdenum	96-1	0.09	0.08	0.07	0.08	8.37	ppb
Molybdenum	97-1	0.08	0.05	0.08	0.07	25.03	ppb
Molybdenum	98-1	0.10	0.10	0.08	0.10	11.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	-36.75	-36.84	-31.36	-34.98		ppb
Potassium	39-2	-14.72	-10.39	-17.16	-14.09		ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-1.06	0.76	-1.13	-0.48		ppb
Selenium	77-2	0.59	-0.28	-0.28	0.01	7107.01	ppb
Selenium	78-2	-0.81	-0.29	0.75	-0.12		ppb
Silicon	28-1	-5.27	-2.17	-2.17	-3.20		ppb
Silver	107-1	0.05	0.03	0.03	0.04	31.42	ppb
Silver	109-1	0.04	0.03	0.03	0.03	5.67	ppb
Sodium	23-2	17.51	15.76	15.09	16.12	7.77	ppb
Strontium	86-1	0.10	-0.31	0.03	-0.06		ppb
Strontium	88-1	0.11	0.09	0.07	0.09	24.24	ppb
Sulfur	34-1	-744.66	-628.05	-678.83	-683.84		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.02	0.03	25.82	ppb
Thallium	205-1	0.03	0.05	0.03	0.04	23.08	ppb
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P8
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:22:39	DataFile Name :	099CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.02	0.06	0.02	223.84	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	121.74	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.06	-0.16	-0.01	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	70.47	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	20.92	ppb

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 14:34:40	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	101	92	99	5.96	cps
Antimony	121-1	575	617	625	606	4.42	cps
Arsenic	75-2	23	33	38	31	24.38	cps
Barium	135-1	133	83	125	114	23.52	cps
Barium	137-1	133	200	167	167	20.00	cps
Beryllium	9-1	384	366	338	363	6.39	cps
Bismuth	209-1	5012176	5194762	5028652	5078530	1.99	cps
Bismuth	209-2	2378970	2341151	2417237	2379119	1.60	cps
Boron	10-1	1812	1784	1766	1787	1.30	cps
Boron	11-1	8125	8141	8327	8197	1.37	cps
Bromine	81-1	33906	33926	32501	33445	2.44	cps
Cadmium	111-1	2815	2580	2775	2724	4.62	cps
Cadmium	106-1	3942	3526	3926	3798	6.21	cps
Cadmium	108-1	450	304	396	383	19.23	cps
Calcium	43-1	370	425	426	407	7.89	cps
Calcium	44-1	8562	8674	8589	8608	0.68	cps
Carbon	12-1	3607008	3558340	3553582	3572977	0.83	cps
Carbon	12-2	42688	43256	42412	42785	1.01	cps
Chlorine	35-1	1174240	1172355	1123849	1156815	2.47	cps
Chlorine	35-2	9162	9228	8719	9036	3.06	cps
Chromium	52-2	633	637	600	623	3.25	cps
Cobalt	59-2	133	160	180	158	14.84	cps
Copper	63-2	690	660	660	670	2.59	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	33	83	142	86	62.97	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	83	42	58	61	34.32	cps
Gadolinium	160-2	73	60	70	68	10.24	cps
Holmium	165-1	7904229	7997707	8160533	8020823	1.62	cps
Holmium	165-2	3435368	3458255	3377127	3423583	1.22	cps
Indium	115-1	6732775	6911131	7121846	6921918	2.81	cps
Indium	115-2	1156340	1160601	1162521	1159821	0.27	cps
Iron	54-2	483	533	594	537	10.36	cps
Iron	56-2	5690	5346	5629	5555	3.31	cps
Iron	57-2	228	200	250	226	11.09	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 14:34:40	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4075	3979	4015	4023	1.21	cps
Lead	206-1	1372	1339	1433	1382	3.47	cps
Lead	207-1	1183	1217	1061	1154	7.10	cps
Lead	208-1	5545	5401	5334	5426	1.99	cps
Lithium	6-1	3147742	3279663	3331256	3252887	2.91	cps
Magnesium	24-2	392	475	383	417	12.17	cps
Manganese	55-2	93	87	83	88	5.80	cps
Molybdenum	94-1	475	517	567	519	8.84	cps
Molybdenum	95-1	525	467	633	542	15.61	cps
Molybdenum	96-1	975	942	917	945	3.10	cps
Molybdenum	97-1	342	358	358	353	2.73	cps
Molybdenum	98-1	967	967	975	970	0.50	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	107	90	133	110	19.87	cps
Phosphorus	31-2	158	158	158	158	0.00	cps
Potassium	39-2	15492	15467	15050	15336	1.62	cps
Rhodium	103-1	6279046	6374261	6626136	6426481	2.79	cps
Rhodium	103-2	2689691	2674009	2735093	2699598	1.18	cps
Scandium	45-1	4685923	4750988	4968063	4801658	3.08	cps
Scandium	45-2	155947	156441	158270	156886	0.78	cps
Selenium	82-1	-61	123	-109	-16	-771.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	73	105	86	19.56	cps
Silicon	28-1	351451	352424	352911	352262	0.21	cps
Silver	107-1	192	133	117	147	26.75	cps
Silver	109-1	117	108	83	103	16.88	cps
Sodium	23-2	13999	13215	14015	13743	3.33	cps
Strontium	86-1	6602	6735	6402	6580	2.55	cps
Strontium	88-1	1675	1592	1483	1583	6.07	cps
Sulfur	34-1	190946	190053	192661	191220	0.69	cps
Terbium	159-1	8402694	8498452	8528497	8476547	0.78	cps
Terbium	159-2	3407408	3455402	3477282	3446697	1.04	cps
Thallium	203-1	4343	4468	4901	4570	6.41	cps
Thallium	205-1	10930	11455	10905	11097	2.80	cps
Tin	118-1	1275	1067	1317	1220	10.98	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 14:34:40	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	200	242	214	11.24	cps
Uranium	238-1	767	458	750	658	26.34	cps
Vanadium	51-2	43	43	43	43	0.00	cps
Ytterbium	172-1	133	200	92	142	38.57	cps
Ytterbium	172-2	50	72	78	67	22.05	cps
Ytterbium	176-1	1542	1425	1584	1517	5.41	cps
Ytterbium	176-2	3945	4312	4045	4101	4.62	cps
Yttrium	89-1	10523080	10820985	10722567	10688877	1.42	cps
Yttrium	89-2	1226742	1247868	1252766	1242459	1.11	cps
Zinc	66-2	107	180	123	137	28.13	cps
Zirconium	90-1	600	542	467	536	12.47	cps
Zirconium	91-1	92	83	142	106	29.89	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:08:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64	47	61	57	15.22	cps
Antimony	121-1	58	8	58	42	69.29	cps
Arsenic	75-2	8	3	1	4	90.14	cps
Barium	135-1	33	8	33	25	57.74	cps
Barium	137-1	67	33	8	36	81.06	cps
Beryllium	9-1	46	28	40	38	24.13	cps
Bismuth	209-1	5029845	5057207	5168494	5085182	1.44	cps
Bismuth	209-2	2162628	2298416	2360786	2273944	4.46	cps
Boron	10-1	730	784	738	751	3.88	cps
Boron	11-1	3070	3268	3246	3194	3.40	cps
Bromine	81-1	34308	33675	34729	34237	1.55	cps
Cadmium	111-1	2092	2172	2024	2096	3.53	cps
Cadmium	106-1	3009	3109	2909	3009	3.32	cps
Cadmium	108-1	38	54	42	44	19.52	cps
Calcium	43-1	356	364	362	361	1.11	cps
Calcium	44-1	7599	7713	7780	7697	1.19	cps
Carbon	12-1	3327790	3298417	3289055	3305088	0.61	cps
Carbon	12-2	37457	36939	36981	37125	0.78	cps
Chlorine	35-1	158924	159353	157802	158693	0.50	cps
Chlorine	35-2	1142	1600	1283	1342	17.49	cps
Chromium	52-2	517	497	447	487	7.41	cps
Cobalt	59-2	53	50	53	52	3.68	cps
Copper	63-2	437	493	427	452	7.95	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	67	50	44	57.28	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	67	47	53	56	18.33	cps
Holmium	165-1	8064614	8067544	7976888	8036348	0.64	cps
Holmium	165-2	3204473	3342401	3411004	3319293	3.17	cps
Indium	115-1	7023587	7048992	6924803	6999127	0.94	cps
Indium	115-2	1083105	1144512	1158137	1128585	3.54	cps
Iron	54-2	439	350	411	400	11.37	cps
Iron	56-2	3117	2867	3189	3058	5.53	cps
Iron	57-2	161	111	206	159	29.67	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:08:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3933	3960	4031	3975	1.28	cps
Lead	206-1	622	728	667	672	7.88	cps
Lead	207-1	539	544	517	533	2.76	cps
Lead	208-1	2517	2672	2439	2543	4.67	cps
Lithium	6-1	3196717	3145614	3168807	3170379	0.81	cps
Magnesium	24-2	108	183	92	128	38.21	cps
Manganese	55-2	70	80	83	78	8.92	cps
Molybdenum	94-1	142	175	125	147	17.30	cps
Molybdenum	95-1	33	42	42	39	12.38	cps
Molybdenum	96-1	225	158	225	203	18.98	cps
Molybdenum	97-1	42	25	17	28	45.82	cps
Molybdenum	98-1	50	50	75	58	24.74	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	20	27	27	24	15.75	cps
Phosphorus	31-2	108	133	108	117	12.37	cps
Potassium	39-2	15684	15592	15742	15673	0.48	cps
Rhodium	103-1	6599589	6607668	6739511	6648923	1.18	cps
Rhodium	103-2	2587405	2760682	2777993	2708693	3.89	cps
Scandium	45-1	4886521	4754413	4811955	4817630	1.37	cps
Scandium	45-2	144588	152292	158230	151703	4.51	cps
Selenium	82-1	3	36	-134	-32	-284.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	91	94	89	91	2.76	cps
Silicon	28-1	341177	343077	342160	342138	0.28	cps
Silver	107-1	67	92	117	92	27.27	cps
Silver	109-1	42	92	67	67	37.50	cps
Sodium	23-2	10804	11255	10963	11007	2.08	cps
Strontium	86-1	6402	6360	6560	6441	1.64	cps
Strontium	88-1	283	342	242	289	17.39	cps
Sulfur	34-1	197889	202999	199519	200135	1.30	cps
Terbium	159-1	8632124	8302657	8388532	8441105	2.02	cps
Terbium	159-2	3225050	3313903	3493815	3344256	4.09	cps
Thallium	203-1	525	650	442	539	19.46	cps
Thallium	205-1	1492	1242	1125	1286	14.57	cps
Tin	118-1	1208	1175	1133	1172	3.21	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:08:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	167	133	164	17.86	cps
Uranium	238-1	17	8	42	22	78.07	cps
Vanadium	51-2	13	3	17	11	62.48	cps
Ytterbium	172-1	42	83	67	64	32.83	cps
Ytterbium	172-2	6	28	50	28	79.99	cps
Ytterbium	176-1	1100	1142	950	1064	9.48	cps
Ytterbium	176-2	3773	4323	4267	4121	7.35	cps
Yttrium	89-1	10707402	10714409	10747302	10723038	0.20	cps
Yttrium	89-2	1175008	1223475	1269997	1222827	3.88	cps
Zinc	66-2	130	143	147	140	6.30	cps
Zirconium	90-1	425	517	450	464	10.21	cps
Zirconium	91-1	83	92	33	69	45.44	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:11:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1016	1047	966	1010	4.06	cps
Antimony	121-1	10621	10404	10438	10488	1.11	cps
Arsenic	75-2	172	203	185	187	8.34	cps
Barium	135-1	13924	13966	14074	13988	0.55	cps
Barium	137-1	24197	24005	23813	24005	0.80	cps
Beryllium	9-1	2128	2030	2094	2084	2.39	cps
Bismuth	209-1	4984423	4921607	5011805	4972611	0.93	cps
Bismuth	209-2	2390766	2287112	2402244	2360041	2.69	cps
Boron	10-1	5802	6080	6512	6131	5.84	cps
Boron	11-1	24988	26435	28186	26536	6.03	cps
Bromine	81-1	33646	34679	35302	34542	2.42	cps
Cadmium	111-1	3748	3800	3580	3709	3.10	cps
Cadmium	106-1	3042	3150	2900	3031	4.14	cps
Cadmium	108-1	171	150	138	153	11.02	cps
Calcium	43-1	10636	10439	10454	10510	1.05	cps
Calcium	44-1	170993	171084	171010	171029	0.03	cps
Carbon	12-1	3393751	3322991	3351510	3356084	1.06	cps
Carbon	12-2	38476	38785	39337	38866	1.12	cps
Chlorine	35-1	154216	154199	152699	153705	0.57	cps
Chlorine	35-2	1442	1608	1275	1442	11.56	cps
Chromium	52-2	3480	3427	3444	3450	0.79	cps
Cobalt	59-2	3000	2714	2614	2776	7.23	cps
Copper	63-2	4464	4291	4167	4307	3.46	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	23	20	30	24	20.83	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	60	47	63	57	15.56	cps
Holmium	165-1	8045911	7877984	8020443	7981446	1.13	cps
Holmium	165-2	3365158	3313012	3406774	3361648	1.40	cps
Indium	115-1	6960469	6965301	6878252	6934674	0.71	cps
Indium	115-2	1153118	1130893	1182968	1155660	2.26	cps
Iron	54-2	4145	3706	3962	3938	5.60	cps
Iron	56-2	64188	63866	64222	64092	0.31	cps
Iron	57-2	1850	1733	1667	1750	5.30	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:11:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4069	4029	4020	4039	0.64	cps
Lead	206-1	4979	4779	4907	4888	2.07	cps
Lead	207-1	4468	4406	4106	4327	4.47	cps
Lead	208-1	19628	19495	19478	19534	0.42	cps
Lithium	6-1	3242040	3240589	3104819	3195816	2.47	cps
Magnesium	24-2	62125	61984	60150	61420	1.79	cps
Manganese	55-2	873	960	890	908	5.07	cps
Molybdenum	94-1	12831	12815	12456	12701	1.67	cps
Molybdenum	95-1	15067	15384	15292	15248	1.07	cps
Molybdenum	96-1	16777	16735	16953	16822	0.68	cps
Molybdenum	97-1	9579	9620	9128	9442	2.89	cps
Molybdenum	98-1	23721	25482	23946	24383	3.93	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	763	703	837	768	8.70	cps
Phosphorus	31-2	175	225	225	208	13.86	cps
Potassium	39-2	65959	64787	68412	66386	2.79	cps
Rhodium	103-1	6514062	6639213	6632811	6595362	1.07	cps
Rhodium	103-2	2748938	2683093	2739837	2723956	1.31	cps
Scandium	45-1	4876220	4856908	4718189	4817106	1.79	cps
Scandium	45-2	157195	154811	160682	157563	1.87	cps
Selenium	82-1	458	631	554	548	15.90	cps
Selenium	77-2	30	27	7	21	59.77	cps
Selenium	78-2	168	170	169	169	0.59	cps
Silicon	28-1	388572	385780	384337	386230	0.56	cps
Silver	107-1	7869	8161	7953	7994	1.88	cps
Silver	109-1	7310	7744	7861	7638	3.80	cps
Sodium	23-2	124773	123966	120866	123202	1.67	cps
Strontium	86-1	8469	8178	8503	8383	2.13	cps
Strontium	88-1	17962	18129	17211	17767	2.75	cps
Sulfur	34-1	199603	199924	204284	201270	1.30	cps
Terbium	159-1	8364036	8420119	8187171	8323775	1.46	cps
Terbium	159-2	3478705	3417664	3423430	3439933	0.98	cps
Thallium	203-1	5860	5460	5618	5646	3.57	cps
Thallium	205-1	13658	13032	13824	13505	3.09	cps
Tin	118-1	25716	25099	24840	25218	1.79	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:11:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5101	5068	4734	4968	4.08	cps
Uranium	238-1	15919	16052	15585	15852	1.52	cps
Vanadium	51-2	6021	5881	5985	5962	1.22	cps
Ytterbium	172-1	33	50	108	64	61.65	cps
Ytterbium	172-2	33	22	17	24	35.24	cps
Ytterbium	176-1	1183	1267	850	1100	20.04	cps
Ytterbium	176-2	4256	4184	4217	4219	0.86	cps
Yttrium	89-1	10877842	10767401	10525646	10723630	1.68	cps
Yttrium	89-2	1290410	1215251	1278957	1261539	3.21	cps
Zinc	66-2	707	690	577	658	10.75	cps
Zirconium	90-1	10496	10654	10604	10585	0.77	cps
Zirconium	91-1	2317	2300	2400	2339	2.29	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:14:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48963	48474	48697	48712	0.50	cps
Antimony	121-1	267283	260163	261250	262898	1.46	cps
Arsenic	75-2	8441	8587	8296	8442	1.72	cps
Barium	135-1	361635	357457	365188	361427	1.07	cps
Barium	137-1	616396	621982	618139	618839	0.46	cps
Beryllium	9-1	99400	98209	100020	99210	0.93	cps
Bismuth	209-1	5369335	5010671	5098778	5159595	3.62	cps
Bismuth	209-2	2022795	2371614	2393706	2262705	9.20	cps
Boron	10-1	11890	12911	13331	12711	5.83	cps
Boron	11-1	52629	55513	57902	55348	4.77	cps
Bromine	81-1	33324	33565	32311	33067	2.01	cps
Cadmium	111-1	82930	82839	83350	83039	0.33	cps
Cadmium	106-1	12039	11647	11730	11805	1.75	cps
Cadmium	108-1	6018	6247	6068	6111	1.97	cps
Calcium	43-1	120709	123542	121439	121897	1.21	cps
Calcium	44-1	1874082	1867962	1814383	1852142	1.77	cps
Carbon	12-1	3748625	3730868	3777738	3752410	0.63	cps
Carbon	12-2	44610	45036	43240	44295	2.12	cps
Chlorine	35-1	158182	158502	159448	158711	0.41	cps
Chlorine	35-2	1550	1450	1300	1433	8.78	cps
Chromium	52-2	77840	77264	76330	77145	0.99	cps
Cobalt	59-2	136882	129712	131227	132607	2.85	cps
Copper	63-2	1027050	1012448	1006716	1015405	1.03	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	30	40	33	34	14.78	cps
Gadolinium	160-1	100	67	25	64	58.82	cps
Gadolinium	160-2	60	67	47	58	17.62	cps
Holmium	165-1	8070655	8165869	8246613	8161046	1.08	cps
Holmium	165-2	2956566	3485759	3408529	3283618	8.71	cps
Indium	115-1	7216380	6993086	7060017	7089828	1.62	cps
Indium	115-2	988918	1165683	1176314	1110305	9.48	cps
Iron	54-2	177520	172294	175382	175065	1.50	cps
Iron	56-2	3255567	3090322	3256146	3200678	2.99	cps
Iron	57-2	80097	78125	79688	79303	1.31	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:14:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3948	3968	4060	3992	1.50	cps
Lead	206-1	1066611	1050985	1077333	1064976	1.24	cps
Lead	207-1	936882	949027	928686	938198	1.09	cps
Lead	208-1	4417831	4338103	4384680	4380205	0.91	cps
Lithium	6-1	3262020	3261759	3174222	3232667	1.57	cps
Magnesium	24-2	629818	630050	615162	625010	1.36	cps
Manganese	55-2	448835	426215	431041	435363	2.74	cps
Molybdenum	94-1	1051502	1058399	1056415	1055438	0.34	cps
Molybdenum	95-1	1457055	1488740	1463678	1469825	1.14	cps
Molybdenum	96-1	1645180	1597578	1580956	1607905	2.07	cps
Molybdenum	97-1	946385	945554	956542	949493	0.64	cps
Molybdenum	98-1	2432586	2441813	2407197	2427199	0.74	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	38733	37209	36631	37524	2.89	cps
Phosphorus	31-2	3192	3000	2875	3023	5.28	cps
Potassium	39-2	291069	277774	280247	283030	2.50	cps
Rhodium	103-1	6695729	6513874	6593839	6601147	1.38	cps
Rhodium	103-2	2345341	2701768	2756289	2601133	8.58	cps
Scandium	45-1	5077646	4894521	4828376	4933514	2.62	cps
Scandium	45-2	135768	157871	157623	150421	8.44	cps
Selenium	82-1	6685	6863	6443	6663	3.17	cps
Selenium	77-2	277	187	263	242	20.05	cps
Selenium	78-2	767	761	783	770	1.48	cps
Silicon	28-1	656438	671487	677229	668384	1.61	cps
Silver	107-1	406331	400062	397710	401368	1.11	cps
Silver	109-1	390742	390142	396032	392305	0.83	cps
Sodium	23-2	1181182	1194929	1173099	1183070	0.93	cps
Strontium	86-1	2496232	2556684	2538937	2530618	1.23	cps
Strontium	88-1	21362637	21828942	21835548	21675709	1.25	cps
Sulfur	34-1	240107	239842	243708	241219	0.90	cps
Terbium	159-1	8617473	8417291	8589259	8541341	1.27	cps
Terbium	159-2	3023367	3444727	3532137	3333410	8.16	cps
Thallium	203-1	265363	261888	265086	264112	0.73	cps
Thallium	205-1	629576	619842	620027	623148	0.89	cps
Tin	118-1	260451	261870	259790	260704	0.41	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:14:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	486087	486408	469705	480733	1.99	cps
Uranium	238-1	814875	815850	820567	817097	0.37	cps
Vanadium	51-2	63560	60645	62288	62165	2.35	cps
Ytterbium	172-1	42	58	58	53	18.23	cps
Ytterbium	172-2	44	11	17	24	74.19	cps
Ytterbium	176-1	1934	2025	2467	2142	13.32	cps
Ytterbium	176-2	4173	4718	4562	4484	6.26	cps
Yttrium	89-1	10757006	10684771	11024583	10822120	1.65	cps
Yttrium	89-2	1085371	1271315	1262054	1206247	8.69	cps
Zinc	66-2	135610	133025	131912	133516	1.42	cps
Zirconium	90-1	530125	537479	535947	534517	0.73	cps
Zirconium	91-1	118881	120167	120655	119901	0.76	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:17:32	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119703	119313	119000	119339	0.29	cps
Antimony	121-1	675580	666279	665251	669037	0.85	cps
Arsenic	75-2	20700	20487	20821	20669	0.82	cps
Barium	135-1	898181	908993	901437	902870	0.61	cps
Barium	137-1	1534753	1557870	1543239	1545288	0.76	cps
Beryllium	9-1	250745	250439	252675	251286	0.48	cps
Bismuth	209-1	4996462	5133177	5138845	5089495	1.58	cps
Bismuth	209-2	2334856	2334380	2383904	2351047	1.21	cps
Boron	10-1	29393	31443	32207	31014	4.69	cps
Boron	11-1	127996	138828	141124	135983	5.16	cps
Bromine	81-1	32321	33676	32531	32843	2.22	cps
Cadmium	111-1	205586	208751	204015	206117	1.17	cps
Cadmium	106-1	26025	25140	23805	24990	4.47	cps
Cadmium	108-1	15701	15050	15184	15311	2.24	cps
Calcium	43-1	306844	300248	299017	302037	1.39	cps
Calcium	44-1	4611379	4615808	4492582	4573256	1.53	cps
Carbon	12-1	3832026	3873698	3895945	3867223	0.84	cps
Carbon	12-2	46148	46550	45513	46070	1.13	cps
Chlorine	35-1	150418	149601	150181	150067	0.28	cps
Chlorine	35-2	1267	1333	1175	1258	6.32	cps
Chromium	52-2	190624	190507	188510	189880	0.63	cps
Cobalt	59-2	332208	330921	327645	330258	0.71	cps
Copper	63-2	2535739	2544374	2551064	2543726	0.30	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	13	33	23	23	42.86	cps
Gadolinium	160-1	50	67	75	64	19.92	cps
Gadolinium	160-2	60	73	77	70	12.60	cps
Holmium	165-1	8109887	8230985	8144200	8161691	0.76	cps
Holmium	165-2	3348164	3444142	3403468	3398591	1.42	cps
Indium	115-1	7076020	6807960	6831854	6905278	2.15	cps
Indium	115-2	1139694	1151121	1149408	1146741	0.54	cps
Iron	54-2	443544	437296	434947	438595	1.01	cps
Iron	56-2	7980681	7955447	7927139	7954422	0.34	cps
Iron	57-2	200122	199252	194898	198091	1.41	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:17:32	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3948	3945	4071	3988	1.81	cps
Lead	206-1	2761001	2814330	2791404	2788912	0.96	cps
Lead	207-1	2387596	2434639	2422870	2415035	1.01	cps
Lead	208-1	10999549	11154811	11078691	11077684	0.70	cps
Lithium	6-1	3350047	3217646	3314949	3294214	2.08	cps
Magnesium	24-2	1612959	1536395	1574953	1574769	2.43	cps
Manganese	55-2	1089595	1079431	1087093	1085373	0.49	cps
Molybdenum	94-1	2664987	2620032	2624843	2636621	0.94	cps
Molybdenum	95-1	3720486	3784365	3737322	3747391	0.88	cps
Molybdenum	96-1	4069778	4077295	4058405	4068493	0.23	cps
Molybdenum	97-1	2349868	2321745	2256650	2309421	2.07	cps
Molybdenum	98-1	6024579	6062948	5982264	6023264	0.67	cps
Neodymium	150-1	47	73	67	62	22.30	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	89651	87410	88064	88375	1.30	cps
Phosphorus	31-2	7285	6935	7427	7216	3.51	cps
Potassium	39-2	682914	672065	664987	673322	1.34	cps
Rhodium	103-1	6806467	6562534	6609773	6659592	1.94	cps
Rhodium	103-2	2663034	2713302	2744667	2707001	1.52	cps
Scandium	45-1	5059120	4922015	4792812	4924649	2.70	cps
Scandium	45-2	156730	157519	159133	157794	0.78	cps
Selenium	82-1	16794	16373	16456	16541	1.35	cps
Selenium	77-2	580	500	500	527	8.77	cps
Selenium	78-2	1834	1886	1816	1846	1.97	cps
Silicon	28-1	941989	962508	975479	959992	1.76	cps
Silver	107-1	1025305	996582	1007937	1009941	1.43	cps
Silver	109-1	983160	970835	962362	972119	1.08	cps
Sodium	23-2	2993590	2878377	2938206	2936724	1.96	cps
Strontium	86-1	6251505	6197334	6171230	6206690	0.66	cps
Strontium	88-1	53949974	54493162	53595478	54012871	0.84	cps
Sulfur	34-1	296548	295341	297271	296386	0.33	cps
Terbium	159-1	8562133	8565016	8453211	8526786	0.75	cps
Terbium	159-2	3488103	3405200	3451916	3448407	1.21	cps
Thallium	203-1	680274	672242	669685	674067	0.82	cps
Thallium	205-1	1561681	1553409	1574670	1563253	0.69	cps
Tin	118-1	639619	636603	627483	634569	1.00	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:17:32	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1199418	1188808	1179628	1189285	0.83	cps
Uranium	238-1	2100289	2091850	2152867	2115002	1.56	cps
Vanadium	51-2	157430	153966	155088	155495	1.14	cps
Ytterbium	172-1	50	92	42	61	43.83	cps
Ytterbium	172-2	28	22	28	26	12.38	cps
Ytterbium	176-1	4201	3584	3742	3842	8.34	cps
Ytterbium	176-2	5168	5335	5551	5351	3.59	cps
Yttrium	89-1	10885376	10918154	10864192	10889241	0.25	cps
Yttrium	89-2	1260358	1246585	1268547	1258497	0.88	cps
Zinc	66-2	327988	325563	324918	326156	0.50	cps
Zirconium	90-1	1354014	1359848	1340151	1351338	0.75	cps
Zirconium	91-1	303554	299874	301014	301481	0.62	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:20:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238263	235058	235523	236281	0.73	cps
Antimony	121-1	1304141	1331978	1332490	1322870	1.23	cps
Arsenic	75-2	40782	40262	40612	40552	0.65	cps
Barium	135-1	1770963	1746596	1773523	1763694	0.84	cps
Barium	137-1	3040271	3062400	3004846	3035839	0.96	cps
Beryllium	9-1	490565	492429	498696	493897	0.86	cps
Bismuth	209-1	5086915	4962846	5108375	5052712	1.55	cps
Bismuth	209-2	2368605	2391090	2345072	2368256	0.97	cps
Boron	10-1	59992	63277	65075	62781	4.11	cps
Boron	11-1	253257	271790	278755	267934	4.92	cps
Bromine	81-1	33255	31839	30775	31956	3.89	cps
Cadmium	111-1	399771	410816	404665	405084	1.37	cps
Cadmium	106-1	44999	46295	46053	45782	1.50	cps
Cadmium	108-1	29728	29507	30175	29803	1.14	cps
Calcium	43-1	595758	595986	592016	594587	0.37	cps
Calcium	44-1	9004399	8777930	8917416	8899915	1.28	cps
Carbon	12-1	3868834	3909229	3864490	3880851	0.64	cps
Carbon	12-2	46608	45404	46675	46229	1.55	cps
Chlorine	35-1	136877	137760	137414	137350	0.32	cps
Chlorine	35-2	1208	1067	1258	1178	8.44	cps
Chromium	52-2	376500	372978	369341	372940	0.96	cps
Cobalt	59-2	642721	641144	640786	641550	0.16	cps
Copper	63-2	4808307	4897010	4918903	4874740	1.20	cps
Dysprosium	156-1	92	83	50	75	29.40	cps
Dysprosium	156-2	30	23	17	23	28.56	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	17	23	30	23	28.56	cps
Gadolinium	160-1	125	50	100	92	41.66	cps
Gadolinium	160-2	87	60	83	77	18.95	cps
Holmium	165-1	8239269	8191735	8089611	8173538	0.94	cps
Holmium	165-2	3489786	3425190	3414292	3443089	1.19	cps
Indium	115-1	6837536	6686654	6874902	6799698	1.47	cps
Indium	115-2	1123668	1153332	1150230	1142410	1.43	cps
Iron	54-2	874805	869960	846327	863697	1.76	cps
Iron	56-2	16171490	15260456	15253600	15561849	3.39	cps
Iron	57-2	387382	385545	388090	387006	0.34	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:20:37 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3964	3905	3945	3938	0.76	cps
Lead	206-1	5616352	5518146	5549087	5561195	0.90	cps
Lead	207-1	4726653	4809883	4818390	4784975	1.06	cps
Lead	208-1	21980733	21724041	21894772	21866515	0.60	cps
Lithium	6-1	3326092	3283648	3386084	3331941	1.54	cps
Magnesium	24-2	3217169	3048077	3061470	3108905	3.02	cps
Manganese	55-2	2239537	2162455	2157874	2186622	2.10	cps
Molybdenum	94-1	5167899	5099701	5191444	5153015	0.92	cps
Molybdenum	95-1	7405851	7529017	7314247	7416372	1.45	cps
Molybdenum	96-1	8060239	8074739	8030593	8055190	0.28	cps
Molybdenum	97-1	4471525	4492685	4566071	4510094	1.10	cps
Molybdenum	98-1	11705043	12038275	11726031	11823117	1.58	cps
Neodymium	150-1	113	133	140	129	10.76	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	173472	170922	170133	171509	1.02	cps
Phosphorus	31-2	14116	13824	13965	13968	1.05	cps
Potassium	39-2	1320400	1320355	1325682	1322146	0.23	cps
Rhodium	103-1	6443237	6230660	6545350	6406415	2.51	cps
Rhodium	103-2	2663139	2706616	2734551	2701435	1.33	cps
Scandium	45-1	4906338	4594613	4863561	4788171	3.53	cps
Scandium	45-2	156297	153731	156065	155364	0.91	cps
Selenium	82-1	32445	32360	31909	32238	0.89	cps
Selenium	77-2	1000	1010	970	993	2.10	cps
Selenium	78-2	3379	3440	3502	3440	1.79	cps
Silicon	28-1	1571158	1594715	1622097	1595990	1.60	cps
Silver	107-1	1984661	1981337	2065932	2010643	2.38	cps
Silver	109-1	1884908	1908357	1896538	1896601	0.62	cps
Sodium	23-2	5767120	5692003	5852126	5770416	1.39	cps
Strontium	86-1	12507623	12364098	12452454	12441392	0.58	cps
Strontium	88-1	107139292	107708561	105724923	106857592	0.96	cps
Sulfur	34-1	378401	379365	378589	378785	0.13	cps
Terbium	159-1	8564526	8538125	8579359	8560670	0.24	cps
Terbium	159-2	3514618	3392298	3518724	3475214	2.07	cps
Thallium	203-1	1326067	1335001	1356766	1339278	1.18	cps
Thallium	205-1	3182043	3121022	3157807	3153624	0.97	cps
Tin	118-1	1251516	1256577	1280159	1262750	1.21	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:20:37	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2317220	2224130	2265485	2268945	2.06	cps
Uranium	238-1	4101453	4210328	4116587	4142789	1.42	cps
Vanadium	51-2	302606	303428	304893	303643	0.38	cps
Ytterbium	172-1	67	50	100	72	35.25	cps
Ytterbium	172-2	33	6	17	19	75.47	cps
Ytterbium	176-1	6427	6235	6827	6496	4.65	cps
Ytterbium	176-2	6174	6468	6563	6402	3.17	cps
Yttrium	89-1	11036244	10682337	10910046	10876209	1.65	cps
Yttrium	89-2	1254774	1247929	1249511	1250738	0.29	cps
Zinc	66-2	641036	635590	633990	636872	0.58	cps
Zirconium	90-1	2608324	2641725	2616607	2622219	0.66	cps
Zirconium	91-1	595202	598893	596920	597005	0.31	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:23:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	473839	466887	459669	466798	1.52	cps
Antimony	121-1	2567542	2622740	2670116	2620133	1.96	cps
Arsenic	75-2	80126	79746	78693	79522	0.93	cps
Barium	135-1	3637126	3649944	3597437	3628169	0.75	cps
Barium	137-1	6172383	6095131	6209294	6158936	0.95	cps
Beryllium	9-1	960291	965871	979776	968646	1.04	cps
Bismuth	209-1	5183700	5079332	5232483	5165171	1.51	cps
Bismuth	209-2	2362492	2317040	2342524	2340685	0.97	cps
Boron	10-1	120933	127431	131223	126529	4.11	cps
Boron	11-1	518618	558051	574088	550252	5.19	cps
Bromine	81-1	32291	30715	29071	30692	5.25	cps
Cadmium	111-1	778451	787172	811402	792342	2.15	cps
Cadmium	106-1	88476	85398	84913	86262	2.24	cps
Cadmium	108-1	59256	58737	60114	59369	1.17	cps
Calcium	43-1	1175338	1181064	1180026	1178810	0.26	cps
Calcium	44-1	17851698	17795994	17896572	17848088	0.28	cps
Carbon	12-1	4219307	4335131	4303643	4286027	1.40	cps
Carbon	12-2	53230	53180	52913	53107	0.32	cps
Chlorine	35-1	134386	135943	136345	135558	0.76	cps
Chlorine	35-2	1242	1233	1133	1203	5.01	cps
Chromium	52-2	745766	744817	727220	739268	1.41	cps
Cobalt	59-2	1288591	1256274	1258033	1267633	1.43	cps
Copper	63-2	9582350	9479643	9441243	9501078	0.77	cps
Dysprosium	156-1	100	125	67	97	30.10	cps
Dysprosium	156-2	63	57	67	62	8.18	cps
Erbium	164-1	92	100	58	83	26.45	cps
Erbium	164-2	30	40	23	31	26.97	cps
Gadolinium	160-1	92	125	117	111	15.61	cps
Gadolinium	160-2	80	83	83	82	2.34	cps
Holmium	165-1	8338409	8328949	8389905	8352421	0.39	cps
Holmium	165-2	3554602	3473346	3468008	3498652	1.39	cps
Indium	115-1	6886327	7037120	6957686	6960378	1.08	cps
Indium	115-2	1126284	1111017	1106199	1114500	0.94	cps
Iron	54-2	1746249	1751279	1699785	1732438	1.64	cps
Iron	56-2	30259044	30547208	30186915	30331056	0.63	cps
Iron	57-2	767765	753986	762106	761286	0.91	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:23:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3921	3810	3770	3834	2.04	cps
Lead	206-1	10969784	11102863	11486461	11186369	2.40	cps
Lead	207-1	9494135	9765987	10048193	9769438	2.84	cps
Lead	208-1	44093622	44499405	45928595	44840541	2.15	cps
Lithium	6-1	3331538	3407024	3423477	3387346	1.45	cps
Magnesium	24-2	6219120	6062982	6082248	6121450	1.39	cps
Manganese	55-2	4269646	4325985	4202122	4265918	1.45	cps
Molybdenum	94-1	10331577	10022719	10099503	10151266	1.58	cps
Molybdenum	95-1	14620164	14678983	14890113	14729753	0.96	cps
Molybdenum	96-1	15889431	15764478	16193623	15949177	1.38	cps
Molybdenum	97-1	9025032	9028233	9037884	9030383	0.07	cps
Molybdenum	98-1	23740785	23696487	23368779	23602017	0.86	cps
Neodymium	150-1	167	207	247	207	19.35	cps
Neodymium	150-2	10	20	27	19	44.42	cps
Nickel	60-2	334991	338983	335723	336565	0.63	cps
Phosphorus	31-2	27685	26442	27694	27274	2.64	cps
Potassium	39-2	2633411	2599055	2522313	2584926	2.20	cps
Rhodium	103-1	6254553	6340577	6306311	6300480	0.69	cps
Rhodium	103-2	2665751	2726272	2644516	2678846	1.58	cps
Scandium	45-1	4908430	4865876	4825218	4866508	0.86	cps
Scandium	45-2	153934	155530	154900	154788	0.52	cps
Selenium	82-1	61537	62702	63718	62652	1.74	cps
Selenium	77-2	1974	1970	1983	1976	0.35	cps
Selenium	78-2	6653	6568	6490	6571	1.24	cps
Silicon	28-1	2554500	2624952	2699058	2626170	2.75	cps
Silver	107-1	3846422	3812869	3850149	3836480	0.54	cps
Silver	109-1	3763128	3758269	3788163	3769853	0.43	cps
Sodium	23-2	11656513	11512450	11342650	11503871	1.37	cps
Strontium	86-1	24720378	24537338	24338906	24532207	0.78	cps
Strontium	88-1	217344013	212134509	212519113	213999212	1.36	cps
Sulfur	34-1	552389	551690	547595	550558	0.47	cps
Terbium	159-1	8637854	8807284	8841100	8762079	1.24	cps
Terbium	159-2	3583525	3444179	3450456	3492720	2.25	cps
Thallium	203-1	2678260	2738243	2774625	2730376	1.78	cps
Thallium	205-1	6352170	6330616	6382882	6355223	0.41	cps
Tin	118-1	2442704	2477905	2494807	2471806	1.08	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:23:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4454116	4514802	4536016	4501645	0.94	cps
Uranium	238-1	8514024	8463870	8559706	8512533	0.56	cps
Vanadium	51-2	610940	605220	601041	605734	0.82	cps
Ytterbium	172-1	75	100	92	89	14.32	cps
Ytterbium	172-2	33	44	44	41	15.76	cps
Ytterbium	176-1	12022	12198	12640	12287	2.59	cps
Ytterbium	176-2	8292	8820	8475	8529	3.14	cps
Yttrium	89-1	10652782	10820064	10807269	10760038	0.87	cps
Yttrium	89-2	1231307	1229794	1223303	1228135	0.35	cps
Zinc	66-2	1246793	1237339	1244944	1243026	0.40	cps
Zirconium	90-1	5171305	5278683	5174330	5208106	1.17	cps
Zirconium	91-1	1197059	1207338	1191350	1198582	0.68	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:26:47 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	977342	971610	975788	974913	0.30	cps
Antimony	121-1	5400400	5350697	5464856	5405318	1.06	cps
Arsenic	75-2	164623	166189	164364	165059	0.60	cps
Barium	135-1	7223105	7296886	7568477	7362823	2.47	cps
Barium	137-1	12395882	12512476	12547341	12485233	0.64	cps
Beryllium	9-1	1963332	1991201	2005948	1986827	1.09	cps
Bismuth	209-1	5380670	4984814	4656328	5007271	7.24	cps
Bismuth	209-2	2388961	2530272	2129232	2349488	8.66	cps
Boron	10-1	248402	266278	276800	263827	5.44	cps
Boron	11-1	989783	1087640	1106847	1061423	5.91	cps
Bromine	81-1	32270	32843	30856	31990	3.20	cps
Cadmium	111-1	1575200	1574574	1624304	1591359	1.79	cps
Cadmium	106-1	169399	172439	175106	172315	1.66	cps
Cadmium	108-1	117454	118131	120693	118759	1.44	cps
Calcium	43-1	2457381	2500286	2517409	2491692	1.24	cps
Calcium	44-1	36745866	37587645	37225682	37186398	1.14	cps
Carbon	12-1	4992576	5116347	5224916	5111280	2.27	cps
Carbon	12-2	64048	65061	63898	64336	0.98	cps
Chlorine	35-1	136405	138610	135732	136916	1.10	cps
Chlorine	35-2	1083	1200	1158	1147	5.15	cps
Chromium	52-2	1561589	1588961	1566393	1572315	0.93	cps
Cobalt	59-2	2645730	2624322	2633077	2634376	0.41	cps
Copper	63-2	19646351	19392441	19336301	19458364	0.85	cps
Dysprosium	156-1	233	250	267	250	6.67	cps
Dysprosium	156-2	113	83	127	108	20.60	cps
Erbium	164-1	133	83	33	83	60.00	cps
Erbium	164-2	63	43	47	51	20.96	cps
Gadolinium	160-1	158	208	167	178	15.07	cps
Gadolinium	160-2	100	97	100	99	1.94	cps
Holmium	165-1	8831844	8100319	7850961	8261041	6.17	cps
Holmium	165-2	3622486	3749995	3258115	3543532	7.20	cps
Indium	115-1	7465250	6761548	6517699	6914832	7.12	cps
Indium	115-2	1147922	1200084	1021428	1123145	8.18	cps
Iron	54-2	3597584	3592734	3655323	3615214	0.96	cps
Iron	56-2	63540368	62966711	63984249	63497109	0.80	cps
Iron	57-2	1621856	1645680	1639226	1635587	0.75	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:26:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4074	3955	4049	4026	1.56	cps
Lead	206-1	23170922	23427999	22809480	23136134	1.34	cps
Lead	207-1	20096091	20244847	19643987	19994975	1.57	cps
Lead	208-1	92094576	91083221	90408935	91195577	0.93	cps
Lithium	6-1	3640639	3431657	3379438	3483911	3.97	cps
Magnesium	24-2	13002021	12849824	12989294	12947046	0.65	cps
Manganese	55-2	8889725	9053005	8964911	8969214	0.91	cps
Molybdenum	94-1	20958693	21485128	21039603	21161141	1.34	cps
Molybdenum	95-1	30362899	30917409	30334222	30538176	1.08	cps
Molybdenum	96-1	32649317	33043356	33631165	33107946	1.49	cps
Molybdenum	97-1	18507172	19046806	18936734	18830237	1.51	cps
Molybdenum	98-1	48154480	49205702	49480844	48947009	1.43	cps
Neodymium	150-1	427	433	447	436	2.34	cps
Neodymium	150-2	23	37	33	31	22.31	cps
Nickel	60-2	691253	694999	697902	694718	0.48	cps
Phosphorus	31-2	57816	57816	58988	58206	1.16	cps
Potassium	39-2	5266580	5337348	5279011	5294313	0.71	cps
Rhodium	103-1	6633804	6315554	5886462	6278607	5.97	cps
Rhodium	103-2	2736389	2805910	2479237	2673845	6.44	cps
Scandium	45-1	5044707	4907882	4679902	4877497	3.78	cps
Scandium	45-2	165629	169657	148610	161299	6.93	cps
Selenium	82-1	126859	127606	129708	128058	1.15	cps
Selenium	77-2	3857	4161	4041	4020	3.80	cps
Selenium	78-2	13568	13297	13541	13468	1.11	cps
Silicon	28-1	4588011	4825478	4911078	4774856	3.51	cps
Silver	107-1	7737794	7834531	7954526	7842284	1.38	cps
Silver	109-1	7462666	7420542	7605628	7496279	1.29	cps
Sodium	23-2	24756275	24863677	24180758	24600237	1.49	cps
Strontium	86-1	50640803	49826923	52048700	50838809	2.21	cps
Strontium	88-1	442395493	442324460	457523294	447414416	1.96	cps
Sulfur	34-1	964777	959012	971613	965134	0.65	cps
Terbium	159-1	9321176	8565161	8170054	8685464	6.73	cps
Terbium	159-2	3678764	3790975	3267861	3579200	7.69	cps
Thallium	203-1	5539240	5635546	5737859	5637548	1.76	cps
Thallium	205-1	12861675	13072464	12948638	12960925	0.82	cps
Tin	118-1	5016251	5052867	5295850	5121656	2.97	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:26:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9148913	9651433	9349764	9383370	2.70	cps
Uranium	238-1	18056619	17268583	17914688	17746630	2.37	cps
Vanadium	51-2	1260371	1255662	1245001	1253678	0.63	cps
Ytterbium	172-1	133	50	67	83	52.92	cps
Ytterbium	172-2	39	61	44	48	24.01	cps
Ytterbium	176-1	23346	25033	25041	24473	3.99	cps
Ytterbium	176-2	13730	13857	13518	13702	1.25	cps
Yttrium	89-1	11390545	10639937	10234287	10754923	5.45	cps
Yttrium	89-2	1296637	1352563	1157261	1268820	7.93	cps
Zinc	66-2	2553730	2569771	2541742	2555081	0.55	cps
Zirconium	90-1	10995416	10867116	10882953	10915162	0.64	cps
Zirconium	91-1	2466707	2478928	2479803	2475146	0.30	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:38:20	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5012310	5096124	4959940	5022791	1.37	cps
Antimony	121-1	3542	3742	3984	3756	5.89	cps
Arsenic	75-2	85	63	81	76	15.35	cps
Barium	135-1	3601	4051	3626	3759	6.73	cps
Barium	137-1	6302	6610	6694	6535	3.16	cps
Beryllium	9-1	308	292	350	317	9.46	cps
Bismuth	209-1	4704192	4623923	4646848	4658321	0.89	cps
Bismuth	209-2	2260657	2194417	2130584	2195220	2.96	cps
Boron	10-1	6420	6144	6036	6200	3.19	cps
Boron	11-1	27376	26609	25890	26625	2.79	cps
Bromine	81-1	33123	32130	32170	32475	1.73	cps
Cadmium	111-1	2682	2220	2625	2509	10.03	cps
Cadmium	106-1	3200	2525	3084	2937	12.29	cps
Cadmium	108-1	96	92	54	81	28.48	cps
Calcium	43-1	10399137	10473300	10265295	10379244	1.02	cps
Calcium	44-1	169064107	171627927	166507977	169066670	1.51	cps
Carbon	12-1	4071532	4188731	4127813	4129358	1.42	cps
Carbon	12-2	53055	53130	52436	52874	0.72	cps
Chlorine	35-1	125230	125156	126468	125618	0.59	cps
Chlorine	35-2	975	958	1183	1039	12.07	cps
Chromium	52-2	16787	16656	16823	16755	0.52	cps
Cobalt	59-2	7495	7655	7485	7545	1.26	cps
Copper	63-2	6868	6488	7098	6818	4.52	cps
Dysprosium	156-1	800	683	825	769	9.83	cps
Dysprosium	156-2	190	280	280	250	20.79	cps
Erbium	164-1	142	133	158	144	8.81	cps
Erbium	164-2	67	40	73	60	29.40	cps
Gadolinium	160-1	658	417	492	522	23.69	cps
Gadolinium	160-2	293	327	310	310	5.38	cps
Holmium	165-1	8507747	8253306	8525563	8428872	1.81	cps
Holmium	165-2	3627048	3557502	3532141	3572231	1.38	cps
Indium	115-1	6875929	6708712	6776224	6786955	1.24	cps
Indium	115-2	1118950	1129602	1115165	1121239	0.67	cps
Iron	54-2	16901467	16808206	16763609	16824427	0.42	cps
Iron	56-2	313798618	313410785	307777051	311662151	1.08	cps
Iron	57-2	7991792	7579434	7896603	7822610	2.76	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:38:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3996	3895	3925	3939	1.32	cps
Lead	206-1	6702	6468	6935	6702	3.48	cps
Lead	207-1	5718	5524	5735	5659	2.08	cps
Lead	208-1	26278	25043	26795	26038	3.46	cps
Lithium	6-1	3478211	3351080	3476229	3435173	2.12	cps
Magnesium	24-2	63658074	65212983	62461351	63777469	2.16	cps
Manganese	55-2	5571	5638	5224	5478	4.05	cps
Molybdenum	94-1	8678	8578	8670	8642	0.64	cps
Molybdenum	95-1	9679	10162	10488	10110	4.03	cps
Molybdenum	96-1	26985	25499	27503	26663	3.90	cps
Molybdenum	97-1	6085	6018	6610	6238	5.20	cps
Molybdenum	98-1	14291	14425	16144	14953	6.91	cps
Neodymium	150-1	127	100	133	120	14.70	cps
Neodymium	150-2	33	40	47	40	16.68	cps
Nickel	60-2	5908	5908	6135	5984	2.19	cps
Phosphorus	31-2	92	192	167	150	34.69	cps
Potassium	39-2	27523940	27523799	27030578	27359439	1.04	cps
Rhodium	103-1	6061676	5810229	5994086	5955330	2.19	cps
Rhodium	103-2	2499103	2513018	2511618	2507913	0.31	cps
Scandium	45-1	4900360	4912738	5037717	4950272	1.53	cps
Scandium	45-2	161047	162456	164685	162729	1.13	cps
Selenium	82-1	144	258	181	194	29.85	cps
Selenium	77-2	17	0	10	9	94.38	cps
Selenium	78-2	111	94	84	96	14.17	cps
Silicon	28-1	503480	538067	559698	533748	5.31	cps
Silver	107-1	2775	2692	3000	2823	5.65	cps
Silver	109-1	2725	2617	2750	2698	2.63	cps
Sodium	23-2	120076594	121922382	120917469	120972149	0.76	cps
Strontium	86-1	22035	22335	22385	22252	0.85	cps
Strontium	88-1	131217	133213	143341	135923	4.78	cps
Sulfur	34-1	199163	200776	201529	200489	0.60	cps
Terbium	159-1	8876405	8624381	8967230	8822672	2.01	cps
Terbium	159-2	3472902	3591226	3587631	3550586	1.90	cps
Thallium	203-1	2800	3025	2617	2814	7.27	cps
Thallium	205-1	5943	6068	6143	6052	1.67	cps
Tin	118-1	8386	7969	7861	8072	3.44	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:38:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1859	1984	2309	2050	11.33	cps
Uranium	238-1	2384	2217	2509	2370	6.18	cps
Vanadium	51-2	550	527	463	513	8.74	cps
Ytterbium	172-1	250	167	142	186	30.48	cps
Ytterbium	172-2	117	61	78	85	33.47	cps
Ytterbium	176-1	1242	1117	1158	1172	5.43	cps
Ytterbium	176-2	4179	4412	4562	4384	4.41	cps
Yttrium	89-1	11054286	10756316	11235499	11015367	2.20	cps
Yttrium	89-2	1273038	1285888	1281993	1280306	0.51	cps
Zinc	66-2	6678	6512	6588	6593	1.27	cps
Zirconium	90-1	6577	6518	6935	6677	3.38	cps
Zirconium	91-1	1583	1392	1700	1558	9.99	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : ICV043 Instrumnet Name : P8
 Client Sample ID : ICV043 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:45:09 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26174	25837	26219	26077	0.80	cps
Antimony	121-1	1113384	1096795	1091859	1100679	1.02	cps
Arsenic	75-2	33798	33871	33574	33747	0.46	cps
Barium	135-1	150836	150346	153365	151516	1.07	cps
Barium	137-1	265034	259881	257940	260952	1.40	cps
Beryllium	9-1	213128	213720	211333	212727	0.58	cps
Bismuth	209-1	5272452	5339490	5340330	5317424	0.73	cps
Bismuth	209-2	2505376	2505554	2452089	2487673	1.24	cps
Boron	10-1	15345	16084	16384	15938	3.35	cps
Boron	11-1	65527	70091	72912	69510	5.36	cps
Bromine	81-1	31619	32101	32501	32074	1.38	cps
Cadmium	111-1	172867	170964	170525	171452	0.73	cps
Cadmium	106-1	18104	17378	18037	17840	2.25	cps
Cadmium	108-1	14157	13732	13774	13888	1.69	cps
Calcium	43-1	204098	200047	197744	200629	1.60	cps
Calcium	44-1	2282047	2264180	2221393	2255873	1.38	cps
Carbon	12-1	4231126	4263314	4304083	4266174	0.86	cps
Carbon	12-2	50813	51215	53557	51862	2.86	cps
Chlorine	35-1	127770	126550	125583	126634	0.87	cps
Chlorine	35-2	1158	1067	1025	1083	6.30	cps
Chromium	52-2	161461	159571	157626	159553	1.20	cps
Cobalt	59-2	270734	266819	263380	266978	1.38	cps
Copper	63-2	201798	201028	202206	201678	0.30	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	58	58	58	58	0.01	cps
Erbium	164-2	43	23	33	33	30.00	cps
Gadolinium	160-1	67	83	50	67	25.00	cps
Gadolinium	160-2	67	63	70	67	5.00	cps
Holmium	165-1	8565501	8525980	8556023	8549168	0.24	cps
Holmium	165-2	3542245	3652132	3605510	3599963	1.53	cps
Indium	115-1	7269357	7329628	7103189	7234058	1.62	cps
Indium	115-2	1196779	1198035	1183052	1192622	0.70	cps
Iron	54-2	142627	139620	139290	140513	1.31	cps
Iron	56-2	2605725	2533547	2520029	2553100	1.80	cps
Iron	57-2	64223	63290	62721	63411	1.20	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICV043	Instrumnet Name :	P8
Client Sample ID :	ICV043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:45:09	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4053	4183	4176	4137	1.77	cps
Lead	206-1	939040	931148	943952	938046	0.69	cps
Lead	207-1	793371	802560	789808	795246	0.83	cps
Lead	208-1	3689416	3780793	3764026	3744745	1.30	cps
Lithium	6-1	3610267	3722855	3623487	3652203	1.69	cps
Magnesium	24-2	157993	151870	153794	154552	2.03	cps
Manganese	55-2	87842	86211	87131	87061	0.94	cps
Molybdenum	94-1	9198165	8908965	9294193	9133774	2.20	cps
Molybdenum	95-1	16591844	15959213	16396197	16315752	1.99	cps
Molybdenum	96-1	17648697	17113182	17302093	17354657	1.56	cps
Molybdenum	97-1	9904964	9866342	9901955	9891087	0.22	cps
Molybdenum	98-1	25946522	25678219	26491056	26038599	1.59	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	76786	76210	74481	75826	1.58	cps
Phosphorus	31-2	175	183	150	169	10.24	cps
Potassium	39-2	227102	223386	219362	223284	1.73	cps
Rhodium	103-1	6741736	6838371	6858636	6812914	0.92	cps
Rhodium	103-2	2817216	2843051	2905063	2855110	1.58	cps
Scandium	45-1	5053675	5083471	5191524	5109556	1.42	cps
Scandium	45-2	164046	161100	164247	163131	1.08	cps
Selenium	82-1	27038	27577	27485	27367	1.05	cps
Selenium	77-2	830	853	883	856	3.13	cps
Selenium	78-2	3077	2959	2905	2980	2.95	cps
Silicon	28-1	994863	874243	906153	925087	6.76	cps
Silver	107-1	405580	396299	404797	402225	1.28	cps
Silver	109-1	382962	379717	385022	382567	0.70	cps
Sodium	23-2	501913	507999	504264	504726	0.61	cps
Strontium	86-1	25728861	26024841	26520136	26091279	1.53	cps
Strontium	88-1	229759130	226064738	226561980	227461950	0.88	cps
Sulfur	34-1	195847	192237	191098	193061	1.28	cps
Terbium	159-1	8894338	9124783	8994538	9004553	1.28	cps
Terbium	159-2	3612285	3625186	3579401	3605624	0.65	cps
Thallium	203-1	1164431	1165527	1182170	1170709	0.85	cps
Thallium	205-1	2793171	2776885	2792213	2787423	0.33	cps
Tin	118-1	237988	228308	226805	231033	2.63	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICV043	Instrumnet Name :	P8
Client Sample ID :	ICV043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:45:09	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4841053	4791751	4829793	4820866	0.54	cps
Uranium	238-1	433	492	417	447	8.81	cps
Vanadium	51-2	125818	122500	121925	123414	1.70	cps
Ytterbium	172-1	50	17	17	28	69.27	cps
Ytterbium	172-2	22	33	17	24	35.24	cps
Ytterbium	176-1	1133	950	1050	1045	8.79	cps
Ytterbium	176-2	4306	4645	4662	4538	4.42	cps
Yttrium	89-1	10908730	11368556	11123923	11133736	2.07	cps
Yttrium	89-2	1313921	1306384	1303260	1307855	0.42	cps
Zinc	66-2	55733	56636	57262	56544	1.36	cps
Zirconium	90-1	2750	3534	3976	3420	18.15	cps
Zirconium	91-1	867	792	1033	897	13.79	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : ICB043 Instrumnet Name : P8
 Client Sample ID : ICB043 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:49:12 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66	77	70	71	8.04	cps
Antimony	121-1	458	475	408	447	7.76	cps
Arsenic	75-2	6	6	3	5	34.64	cps
Barium	135-1	67	8	50	42	72.12	cps
Barium	137-1	67	67	33	56	34.65	cps
Beryllium	9-1	50	78	56	61	24.04	cps
Bismuth	209-1	5387589	5179752	5373282	5313541	2.18	cps
Bismuth	209-2	2543387	2503264	2494863	2513838	1.03	cps
Boron	10-1	3442	3464	3296	3400	2.69	cps
Boron	11-1	14935	14913	14410	14753	2.01	cps
Bromine	81-1	32702	32451	33856	33003	2.27	cps
Cadmium	111-1	2043	2066	2084	2065	1.00	cps
Cadmium	106-1	2842	2934	2934	2903	1.82	cps
Cadmium	108-1	54	42	33	43	24.36	cps
Calcium	43-1	367	359	334	353	4.96	cps
Calcium	44-1	8688	8053	8090	8277	4.31	cps
Carbon	12-1	3598239	3579619	3585053	3587637	0.27	cps
Carbon	12-2	40590	42211	41635	41479	1.98	cps
Chlorine	35-1	103746	102747	103024	103173	0.50	cps
Chlorine	35-2	900	1017	992	970	6.34	cps
Chromium	52-2	513	520	460	498	6.61	cps
Cobalt	59-2	40	50	53	48	14.52	cps
Copper	63-2	637	560	637	611	7.24	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	75	75	67	21.65	cps
Erbium	164-2	47	17	23	29	54.53	cps
Gadolinium	160-1	67	25	58	50	44.10	cps
Gadolinium	160-2	53	67	53	58	13.33	cps
Holmium	165-1	8476075	8462166	8361398	8433213	0.74	cps
Holmium	165-2	3643968	3501146	3572169	3572428	2.00	cps
Indium	115-1	7332109	7256476	7278042	7288875	0.53	cps
Indium	115-2	1199909	1211531	1202316	1204585	0.51	cps
Iron	54-2	456	500	467	474	4.88	cps
Iron	56-2	4701	4295	4245	4414	5.66	cps
Iron	57-2	156	178	211	181	15.41	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICB043	Instrumnet Name :	P8
Client Sample ID :	ICB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:49:12	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4035	3969	4233	4079	3.36	cps
Lead	206-1	972	867	772	870	11.50	cps
Lead	207-1	872	717	850	813	10.35	cps
Lead	208-1	3850	3478	3589	3639	5.25	cps
Lithium	6-1	3613210	3561908	3655434	3610184	1.30	cps
Magnesium	24-2	475	425	417	439	7.19	cps
Manganese	55-2	87	117	113	106	15.58	cps
Molybdenum	94-1	642	458	500	533	18.02	cps
Molybdenum	95-1	808	533	467	603	30.05	cps
Molybdenum	96-1	1242	675	942	953	29.76	cps
Molybdenum	97-1	500	333	292	375	29.40	cps
Molybdenum	98-1	1508	925	917	1117	30.38	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	27	40	38	26.95	cps
Phosphorus	31-2	100	117	158	125	24.04	cps
Potassium	39-2	16159	16610	16043	16271	1.84	cps
Rhodium	103-1	7031111	6778551	6684158	6831274	2.63	cps
Rhodium	103-2	2869112	2901755	2865839	2878902	0.69	cps
Scandium	45-1	5299647	5060355	4993606	5117870	3.14	cps
Scandium	45-2	164555	161610	167478	164548	1.78	cps
Selenium	82-1	35	68	-64	13	529.38	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	86	90	92	89	3.42	cps
Silicon	28-1	356067	361257	354495	357273	0.99	cps
Silver	107-1	433	442	475	450	4.90	cps
Silver	109-1	492	375	308	392	23.69	cps
Sodium	23-2	19964	20056	19947	19989	0.29	cps
Strontium	86-1	7160	6935	7144	7080	1.77	cps
Strontium	88-1	7296	4201	3526	5007	40.15	cps
Sulfur	34-1	190177	191421	193024	191541	0.75	cps
Terbium	159-1	9080286	8990929	8760393	8943869	1.85	cps
Terbium	159-2	3617650	3708473	3632085	3652736	1.34	cps
Thallium	203-1	508	600	500	536	10.35	cps
Thallium	205-1	1158	1267	1058	1161	8.97	cps
Tin	118-1	1125	1083	1092	1100	2.00	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICB043	Instrumnet Name :	P8
Client Sample ID :	ICB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:49:12	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	400	267	233	300	29.40	cps
Uranium	238-1	75	67	67	69	6.93	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	42	17	67	42	60.00	cps
Ytterbium	172-2	28	0	0	9	173.21	cps
Ytterbium	176-1	1108	917	1200	1075	13.45	cps
Ytterbium	176-2	4467	4912	4640	4673	4.80	cps
Yttrium	89-1	11595130	11231667	11168050	11331616	2.03	cps
Yttrium	89-2	1308964	1321880	1300631	1310492	0.82	cps
Zinc	66-2	117	187	137	147	24.58	cps
Zirconium	90-1	550	467	408	475	14.99	cps
Zirconium	91-1	33	83	83	67	43.31	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : ICSA043 Instrumnet Name : P8
 Client Sample ID : ICSA043 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:52:18 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4938919	5092882	4919674	4983825	1.90	cps
Antimony	121-1	5851	6718	6268	6279	6.91	cps
Arsenic	75-2	54	64	68	62	11.63	cps
Barium	135-1	2117	2125	2225	2156	2.80	cps
Barium	137-1	3792	3884	3942	3873	1.95	cps
Beryllium	9-1	672	618	680	657	5.14	cps
Bismuth	209-1	5321001	5338923	5405453	5355126	0.83	cps
Bismuth	209-2	2439845	2396601	2442443	2426297	1.06	cps
Boron	10-1	3362	3272	3108	3247	3.97	cps
Boron	11-1	14196	14664	14298	14386	1.71	cps
Bromine	81-1	36526	34217	36727	35823	3.89	cps
Cadmium	111-1	2716	2563	2700	2660	3.15	cps
Cadmium	106-1	2959	2842	3284	3028	7.56	cps
Cadmium	108-1	954	871	963	929	5.46	cps
Calcium	43-1	2152727	2180074	2202630	2178477	1.15	cps
Calcium	44-1	34947923	35355958	35237232	35180371	0.60	cps
Carbon	12-1	27855853	28800292	29494438	28716861	2.86	cps
Carbon	12-2	330859	322825	329484	327723	1.31	cps
Chlorine	35-1	9101082	11034197	12410210	10848496	15.32	cps
Chlorine	35-2	125954	133488	137795	132412	4.53	cps
Chromium	52-2	32848	32634	31692	32391	1.90	cps
Cobalt	59-2	3414	3340	3184	3313	3.55	cps
Copper	63-2	15665	15525	15919	15703	1.27	cps
Dysprosium	156-1	8	33	42	28	62.46	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	67	117	83	89	28.64	cps
Erbium	164-2	23	30	33	29	17.63	cps
Gadolinium	160-1	58	67	83	69	18.33	cps
Gadolinium	160-2	60	60	100	73	31.49	cps
Holmium	165-1	9259711	9177412	9001381	9146168	1.44	cps
Holmium	165-2	3750383	3697979	3735218	3727860	0.72	cps
Indium	115-1	7446559	7535585	7566605	7516250	0.83	cps
Indium	115-2	1216137	1216428	1215533	1216032	0.04	cps
Iron	54-2	7354556	7365073	7145496	7288375	1.70	cps
Iron	56-2	130739936	130804792	130512283	130685671	0.12	cps
Iron	57-2	3293548	3351953	3298051	3314517	0.98	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSA043	Instrumnet Name :	P8
Client Sample ID :	ICSA043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:52:18	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4254	4110	4165	4176	1.74	cps
Lead	206-1	23577	23761	23900	23746	0.68	cps
Lead	207-1	18313	19187	19971	19157	4.33	cps
Lead	208-1	88993	90072	91944	90337	1.65	cps
Lithium	6-1	3825854	3956648	3758172	3846891	2.62	cps
Magnesium	24-2	13087747	13340204	12910459	13112803	1.65	cps
Manganese	55-2	7756	7415	7352	7508	2.89	cps
Molybdenum	94-1	3483329	3504596	3504007	3497310	0.35	cps
Molybdenum	95-1	6133774	6151560	6320996	6202110	1.67	cps
Molybdenum	96-1	6387288	6548319	6696049	6543885	2.36	cps
Molybdenum	97-1	3715222	3890917	3873246	3826462	2.53	cps
Molybdenum	98-1	9759000	9839717	9979076	9859265	1.13	cps
Neodymium	150-1	67	47	73	62	22.30	cps
Neodymium	150-2	3	10	17	10	66.70	cps
Nickel	60-2	3774	3874	4001	3883	2.93	cps
Phosphorus	31-2	292734	299455	295908	296033	1.14	cps
Potassium	39-2	10839959	10922761	10940840	10901187	0.49	cps
Rhodium	103-1	6808248	6799484	6801898	6803210	0.07	cps
Rhodium	103-2	2838920	2843908	2825285	2836038	0.34	cps
Scandium	45-1	5439180	5371154	5383757	5398030	0.67	cps
Scandium	45-2	175312	173720	172175	173735	0.90	cps
Selenium	82-1	14	161	100	92	80.84	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	106	74	85	88	18.40	cps
Silicon	28-1	507237	528758	521301	519099	2.11	cps
Silver	107-1	742	617	608	656	11.39	cps
Silver	109-1	592	717	692	667	9.92	cps
Sodium	23-2	25470397	25387423	24628675	25162165	1.84	cps
Strontium	86-1	80071	79829	81018	80306	0.78	cps
Strontium	88-1	638671	649398	647671	645246	0.89	cps
Sulfur	34-1	3169733	3212371	3213848	3198650	0.78	cps
Terbium	159-1	9370061	9539799	9312799	9407553	1.25	cps
Terbium	159-2	3685662	3752835	3761503	3733334	1.11	cps
Thallium	203-1	1625	1742	2167	1845	15.46	cps
Thallium	205-1	3659	3776	5235	4223	20.79	cps
Tin	118-1	22629	2334	1967	8977	131.73	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSA043	Instrumnet Name :	P8
Client Sample ID :	ICSA043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:52:18	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1912104	1962483	1989088	1954558	2.00	cps
Uranium	238-1	458	425	342	408	14.72	cps
Vanadium	51-2	163	200	223	196	15.47	cps
Ytterbium	172-1	0	58	83	47	90.56	cps
Ytterbium	172-2	17	33	39	30	39.02	cps
Ytterbium	176-1	967	1133	1150	1083	9.36	cps
Ytterbium	176-2	4384	4718	4673	4592	3.94	cps
Yttrium	89-1	11669405	11990796	11705901	11788700	1.49	cps
Yttrium	89-2	1347639	1330303	1365155	1347699	1.29	cps
Zinc	66-2	3524	3691	3407	3540	4.02	cps
Zirconium	90-1	675	650	617	647	4.52	cps
Zirconium	91-1	133	158	167	153	11.35	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : ICSAB043 Instrumnet Name : P8
 Client Sample ID : ICSAB043 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:55:11 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5080496	5030708	4961554	5024253	1.19	cps
Antimony	121-1	122245	122530	120806	121860	0.76	cps
Arsenic	75-2	3666	3512	3531	3569	2.35	cps
Barium	135-1	33709	33567	33492	33590	0.33	cps
Barium	137-1	59131	58762	59163	59019	0.38	cps
Beryllium	9-1	44402	44137	43960	44166	0.50	cps
Bismuth	209-1	5319574	5510525	5457383	5429161	1.82	cps
Bismuth	209-2	2457487	2428593	2531298	2472459	2.14	cps
Boron	10-1	2918	2790	2842	2850	2.26	cps
Boron	11-1	12717	12393	12661	12590	1.38	cps
Bromine	81-1	38814	39507	39296	39205	0.91	cps
Cadmium	111-1	36357	35401	36728	36162	1.89	cps
Cadmium	106-1	6218	5818	6118	6051	3.44	cps
Cadmium	108-1	3150	3238	3117	3168	1.97	cps
Calcium	43-1	2311248	2365425	2326011	2334228	1.20	cps
Calcium	44-1	37372897	37573855	37274363	37407038	0.41	cps
Carbon	12-1	29226650	29894970	30484144	29868588	2.11	cps
Carbon	12-2	324872	335820	332040	330910	1.68	cps
Chlorine	35-1	14644412	16823047	18251304	16572921	10.96	cps
Chlorine	35-2	164638	168465	175338	169480	3.20	cps
Chromium	52-2	65332	65301	66072	65569	0.67	cps
Cobalt	59-2	59283	57951	58540	58591	1.14	cps
Copper	63-2	56372	56375	56445	56397	0.07	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	3	7	20	10	88.20	cps
Erbium	164-1	92	83	83	86	5.58	cps
Erbium	164-2	57	33	30	40	36.33	cps
Gadolinium	160-1	92	83	142	106	29.89	cps
Gadolinium	160-2	57	57	87	67	25.98	cps
Holmium	165-1	9361655	9144872	9361112	9289213	1.35	cps
Holmium	165-2	3824343	3850832	3794475	3823217	0.74	cps
Indium	115-1	7914732	7863529	7716103	7831455	1.32	cps
Indium	115-2	1233290	1238668	1248824	1240261	0.64	cps
Iron	54-2	7601841	7195840	7502354	7433345	2.85	cps
Iron	56-2	133081797	130833775	134073650	132663074	1.25	cps
Iron	57-2	3352083	3336396	3398133	3362204	0.95	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSAB043	Instrumnet Name :	P8
Client Sample ID :	ICSAB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:55:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4205	4480	4499	4395	3.74	cps
Lead	206-1	116789	114401	116834	116008	1.20	cps
Lead	207-1	99156	97789	97609	98185	0.86	cps
Lead	208-1	452432	450810	448672	450638	0.42	cps
Lithium	6-1	3898179	3768940	3833460	3833526	1.69	cps
Magnesium	24-2	13410215	13029684	13209933	13216611	1.44	cps
Manganese	55-2	25643	25136	24949	25242	1.42	cps
Molybdenum	94-1	3643286	3668822	3610071	3640726	0.81	cps
Molybdenum	95-1	6387822	6385502	6379445	6384257	0.07	cps
Molybdenum	96-1	6830236	6731123	6721564	6760974	0.89	cps
Molybdenum	97-1	4038842	3924609	3913005	3958818	1.76	cps
Molybdenum	98-1	10553808	10210067	10056202	10273359	2.48	cps
Neodymium	150-1	47	27	20	31	44.61	cps
Neodymium	150-2	20	3	17	13	66.16	cps
Nickel	60-2	18779	18379	18526	18561	1.09	cps
Phosphorus	31-2	300570	294329	299118	298006	1.10	cps
Potassium	39-2	11175779	11030808	11054464	11087017	0.70	cps
Rhodium	103-1	7135723	7101645	7083964	7107111	0.37	cps
Rhodium	103-2	2934048	2953388	2915057	2934164	0.65	cps
Scandium	45-1	5743214	5783859	5624270	5717114	1.45	cps
Scandium	45-2	180973	178613	179223	179603	0.68	cps
Selenium	82-1	2913	2444	2745	2701	8.79	cps
Selenium	77-2	90	87	100	92	7.52	cps
Selenium	78-2	392	395	373	387	3.09	cps
Silicon	28-1	551201	556163	561057	556140	0.89	cps
Silver	107-1	163373	163500	159828	162234	1.28	cps
Silver	109-1	154612	151329	151498	152480	1.21	cps
Sodium	23-2	26093142	25976419	25645416	25904992	0.90	cps
Strontium	86-1	82939	85312	82032	83428	2.03	cps
Strontium	88-1	675857	664616	660669	667048	1.18	cps
Sulfur	34-1	3338268	3354566	3350868	3347901	0.26	cps
Terbium	159-1	9856156	9806419	9572111	9744895	1.56	cps
Terbium	159-2	3901889	3788858	3943624	3878124	2.06	cps
Thallium	203-1	116245	117969	116588	116934	0.78	cps
Thallium	205-1	272822	274347	280729	275966	1.52	cps
Tin	118-1	2284	2275	2650	2403	8.91	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	ICSAB043	Instrumnet Name :	P8
Client Sample ID :	ICSAB043	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:55:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2112313	2069350	2062530	2081398	1.30	cps
Uranium	238-1	342	333	267	314	13.10	cps
Vanadium	51-2	26231	26117	26648	26332	1.06	cps
Ytterbium	172-1	92	100	83	92	9.09	cps
Ytterbium	172-2	33	17	11	20	56.76	cps
Ytterbium	176-1	1017	1150	1183	1117	7.90	cps
Ytterbium	176-2	4279	4573	4512	4455	3.49	cps
Yttrium	89-1	12426296	12541902	12661209	12543136	0.94	cps
Yttrium	89-2	1379195	1389184	1393892	1387424	0.54	cps
Zinc	66-2	9457	9223	9330	9336	1.25	cps
Zirconium	90-1	650	608	692	650	6.41	cps
Zirconium	91-1	192	167	242	200	19.10	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : CCV054 Instrumnet Name : P8
 Client Sample ID : CCV054 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 15:58:07 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2652459	2617909	2638149	2636172	0.66	cps
Antimony	121-1	2928746	2945074	3002880	2958900	1.32	cps
Arsenic	75-2	83987	82817	83683	83496	0.73	cps
Barium	135-1	3840568	3855716	3951231	3882505	1.55	cps
Barium	137-1	6668097	6467674	6576431	6570734	1.53	cps
Beryllium	9-1	1072202	1058975	1053582	1061586	0.90	cps
Bismuth	209-1	5012450	5253298	5333978	5199909	3.22	cps
Bismuth	209-2	2398589	2328978	2328743	2352103	1.71	cps
Boron	10-1	133999	141005	144715	139906	3.89	cps
Boron	11-1	585803	618805	633012	612540	3.95	cps
Bromine	81-1	35723	35232	37519	36158	3.33	cps
Cadmium	111-1	824429	844082	830533	833015	1.21	cps
Cadmium	106-1	90405	90841	89743	90330	0.61	cps
Cadmium	108-1	63562	62169	64007	63246	1.52	cps
Calcium	43-1	5923625	5917410	5761347	5867460	1.57	cps
Calcium	44-1	93408302	94301472	92501552	93403776	0.96	cps
Carbon	12-1	4830037	4904336	4922003	4885459	1.00	cps
Carbon	12-2	57722	58701	57965	58130	0.88	cps
Chlorine	35-1	3957505	3769295	3513230	3746677	5.95	cps
Chlorine	35-2	26942	26525	26350	26606	1.14	cps
Chromium	52-2	806009	796611	796332	799651	0.69	cps
Cobalt	59-2	1348050	1349239	1345815	1347701	0.13	cps
Copper	63-2	10766877	10263177	10592878	10540977	2.43	cps
Dysprosium	156-1	408	467	508	461	10.89	cps
Dysprosium	156-2	143	130	167	147	12.65	cps
Erbium	164-1	125	100	133	119	14.53	cps
Erbium	164-2	33	23	50	36	37.90	cps
Gadolinium	160-1	317	350	308	325	6.78	cps
Gadolinium	160-2	207	190	203	200	4.41	cps
Holmium	165-1	9046909	8995901	9234823	9092544	1.38	cps
Holmium	165-2	3689390	3679618	3696649	3688552	0.23	cps
Indium	115-1	7470104	7488469	7355637	7438070	0.97	cps
Indium	115-2	1205430	1179657	1202860	1195982	1.19	cps
Iron	54-2	9183875	9005789	9106542	9098735	0.98	cps
Iron	56-2	169550715	163592220	160153515	164432150	2.89	cps
Iron	57-2	4078179	4125042	4110006	4104409	0.58	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:58:07	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4301	4303	4428	4344	1.67	cps
Lead	206-1	11728874	11487376	11497629	11571293	1.18	cps
Lead	207-1	9931895	10042671	9881498	9952022	0.83	cps
Lead	208-1	45041490	46430429	45254903	45575607	1.64	cps
Lithium	6-1	3884146	3680819	3754938	3773301	2.73	cps
Magnesium	24-2	33730276	33614979	32874827	33406694	1.39	cps
Manganese	55-2	4791448	4604138	4586569	4660718	2.44	cps
Molybdenum	94-1	10980977	11307087	11084269	11124111	1.50	cps
Molybdenum	95-1	16403849	16606747	16598385	16536327	0.69	cps
Molybdenum	96-1	17755602	17576849	18067149	17799867	1.39	cps
Molybdenum	97-1	9874985	9717665	9952549	9848400	1.22	cps
Molybdenum	98-1	25555949	25695730	26217734	25823138	1.35	cps
Neodymium	150-1	260	247	207	238	11.67	cps
Neodymium	150-2	37	13	23	24	47.91	cps
Nickel	60-2	392528	373658	382294	382827	2.47	cps
Phosphorus	31-2	30892	29907	30583	30461	1.65	cps
Potassium	39-2	13899257	13818059	14012171	13909829	0.70	cps
Rhodium	103-1	6605460	6576791	6660076	6614109	0.64	cps
Rhodium	103-2	2790752	2733921	2731348	2752007	1.22	cps
Scandium	45-1	5545914	5596369	5544946	5562410	0.53	cps
Scandium	45-2	174719	172208	175254	174060	0.93	cps
Selenium	82-1	67463	69361	67745	68189	1.50	cps
Selenium	77-2	2124	2080	2267	2157	4.53	cps
Selenium	78-2	7147	7059	7225	7144	1.16	cps
Silicon	28-1	2900665	2987773	3027198	2971879	2.18	cps
Silver	107-1	4228152	4257422	4156346	4213973	1.23	cps
Silver	109-1	4068491	4051813	4006605	4042303	0.79	cps
Sodium	23-2	64794683	63848168	63225947	63956266	1.24	cps
Strontium	86-1	27400043	27897693	27611463	27636400	0.90	cps
Strontium	88-1	235477347	242529564	232304572	236770494	2.21	cps
Sulfur	34-1	623978	620493	633615	626029	1.09	cps
Terbium	159-1	9403280	9222173	9856682	9494045	3.44	cps
Terbium	159-2	3707323	3777945	3751065	3745444	0.95	cps
Thallium	203-1	2932916	2866773	2950799	2916829	1.52	cps
Thallium	205-1	6692091	6586237	6664387	6647572	0.83	cps
Tin	118-1	2702994	2639754	2654401	2665716	1.24	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P8
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 15:58:07	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5128437	5196794	5115747	5146993	0.85	cps
Uranium	238-1	8915534	8969466	9084421	8989807	0.96	cps
Vanadium	51-2	671220	655373	684504	670366	2.18	cps
Ytterbium	172-1	125	83	83	97	24.74	cps
Ytterbium	172-2	89	44	61	65	34.64	cps
Ytterbium	176-1	13274	12865	13774	13304	3.42	cps
Ytterbium	176-2	9593	9543	9631	9589	0.46	cps
Yttrium	89-1	11978082	11856144	12174772	12002999	1.34	cps
Yttrium	89-2	1372480	1326480	1364349	1354436	1.81	cps
Zinc	66-2	1329542	1309881	1313267	1317563	0.80	cps
Zirconium	90-1	5709954	5789474	5667937	5722455	1.08	cps
Zirconium	91-1	1309557	1351026	1298889	1319824	2.09	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : CCB054 Instrumnet Name : P8
 Client Sample ID : CCB054 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 16:06:05 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	106	94	105	10.69	cps
Antimony	121-1	450	500	567	506	11.58	cps
Arsenic	75-2	4	5	2	4	41.66	cps
Barium	135-1	117	83	50	83	40.00	cps
Barium	137-1	225	125	67	139	57.66	cps
Beryllium	9-1	92	78	62	77	19.41	cps
Bismuth	209-1	5573673	5407173	5767615	5582820	3.23	cps
Bismuth	209-2	2490652	2526389	2485921	2500987	0.88	cps
Boron	10-1	3830	3788	3694	3770	1.85	cps
Boron	11-1	16650	16476	15515	16214	3.77	cps
Bromine	81-1	39447	36265	36857	37523	4.51	cps
Cadmium	111-1	2225	2023	2221	2156	5.37	cps
Cadmium	106-1	3167	2850	3100	3039	5.49	cps
Cadmium	108-1	42	50	17	36	48.03	cps
Calcium	43-1	504	437	380	440	14.06	cps
Calcium	44-1	11437	8991	9177	9868	13.80	cps
Carbon	12-1	3884809	3809624	3835467	3843300	0.99	cps
Carbon	12-2	43758	43064	43072	43298	0.92	cps
Chlorine	35-1	1013150	982019	948459	981210	3.30	cps
Chlorine	35-2	8144	7594	7819	7852	3.52	cps
Chromium	52-2	483	517	463	488	5.52	cps
Cobalt	59-2	73	30	87	63	46.78	cps
Copper	63-2	800	770	753	774	3.05	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	75	75	75	0.00	cps
Erbium	164-2	43	27	20	30	40.05	cps
Gadolinium	160-1	33	42	67	47	36.74	cps
Gadolinium	160-2	70	73	77	73	4.55	cps
Holmium	165-1	9018601	8539491	9048247	8868780	3.22	cps
Holmium	165-2	3660278	3719628	3653500	3677802	0.99	cps
Indium	115-1	7786993	7327464	7736095	7616851	3.31	cps
Indium	115-2	1251618	1254055	1261410	1255694	0.41	cps
Iron	54-2	672	606	567	615	8.68	cps
Iron	56-2	5429	5412	5535	5459	1.21	cps
Iron	57-2	228	289	233	250	13.52	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:06:05	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4228	4214	4351	4264	1.78	cps
Lead	206-1	1250	1217	1233	1233	1.35	cps
Lead	207-1	1289	1000	1050	1113	13.87	cps
Lead	208-1	5356	4917	4706	4993	6.64	cps
Lithium	6-1	3619950	3577340	3811205	3669498	3.39	cps
Magnesium	24-2	433	492	508	478	8.24	cps
Manganese	55-2	130	110	107	116	10.92	cps
Molybdenum	94-1	717	300	275	431	57.62	cps
Molybdenum	95-1	658	333	358	450	40.19	cps
Molybdenum	96-1	1017	508	625	717	37.16	cps
Molybdenum	97-1	567	142	267	325	67.21	cps
Molybdenum	98-1	1275	517	558	783	54.43	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	27	63	34	75.17	cps
Phosphorus	31-2	142	150	108	133	16.54	cps
Potassium	39-2	17995	17795	17586	17792	1.15	cps
Rhodium	103-1	7239376	6788718	7123742	7050612	3.32	cps
Rhodium	103-2	2900285	3086130	2951760	2979392	3.22	cps
Scandium	45-1	5519094	5125406	5434254	5359585	3.87	cps
Scandium	45-2	175183	172220	171605	173002	1.11	cps
Selenium	82-1	55	15	63	44	57.84	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	99	96	83	93	9.18	cps
Silicon	28-1	374804	372287	369872	372321	0.66	cps
Silver	107-1	383	333	342	353	7.59	cps
Silver	109-1	400	308	317	342	14.84	cps
Sodium	23-2	21166	21258	20840	21088	1.04	cps
Strontium	86-1	7802	7385	6885	7358	6.24	cps
Strontium	88-1	6052	2200	2142	3465	64.68	cps
Sulfur	34-1	206193	207276	209616	207695	0.84	cps
Terbium	159-1	9211438	9067938	9239362	9172913	1.00	cps
Terbium	159-2	3700991	3689987	3623964	3671647	1.13	cps
Thallium	203-1	1042	1225	1325	1197	12.00	cps
Thallium	205-1	3025	2575	2850	2817	8.05	cps
Tin	118-1	1225	1025	1250	1167	10.57	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P8
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:06:05	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	358	275	281	26.79	cps
Uranium	238-1	300	117	58	158	79.65	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Ytterbium	172-1	83	58	67	69	18.34	cps
Ytterbium	172-2	17	28	39	28	39.99	cps
Ytterbium	176-1	958	992	950	967	2.28	cps
Ytterbium	176-2	4529	4501	4540	4523	0.44	cps
Yttrium	89-1	12008970	11731064	11766804	11835613	1.28	cps
Yttrium	89-2	1357275	1363775	1377113	1366054	0.74	cps
Zinc	66-2	150	120	173	148	18.09	cps
Zirconium	90-1	600	617	592	603	2.11	cps
Zirconium	91-1	158	92	158	136	28.28	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BL	Instrumnet Name :	P8
Client Sample ID :	PBS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:12:24	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	80	139	103	30.18	cps
Antimony	121-1	100	133	233	156	44.61	cps
Arsenic	75-2	5	4	6	5	20.00	cps
Barium	135-1	42	67	17	42	60.00	cps
Barium	137-1	50	67	25	47	44.41	cps
Beryllium	9-1	58	74	60	64	13.62	cps
Bismuth	209-1	5807994	5732845	5492114	5677651	2.91	cps
Bismuth	209-2	2726280	2600326	2370669	2565758	7.03	cps
Boron	10-1	2512	2396	2412	2440	2.58	cps
Boron	11-1	11288	10810	10892	10997	2.33	cps
Bromine	81-1	40460	37961	40209	39544	3.48	cps
Cadmium	111-1	2586	2325	2227	2379	7.80	cps
Cadmium	106-1	3651	3309	3125	3362	7.93	cps
Cadmium	108-1	33	42	21	32	32.84	cps
Calcium	43-1	395	416	361	391	7.10	cps
Calcium	44-1	9028	8722	8827	8859	1.76	cps
Carbon	12-1	3581897	3557372	3597905	3579058	0.57	cps
Carbon	12-2	40356	40523	40298	40393	0.29	cps
Chlorine	35-1	603638	603636	591825	599700	1.14	cps
Chlorine	35-2	5309	5109	4793	5070	5.14	cps
Chromium	52-2	933	1083	1050	1022	7.70	cps
Cobalt	59-2	77	57	40	58	31.78	cps
Copper	63-2	653	670	767	697	8.78	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	92	108	81	43.07	cps
Erbium	164-2	20	40	23	28	38.58	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	67	97	63	76	24.30	cps
Holmium	165-1	8995177	9036490	9010968	9014212	0.23	cps
Holmium	165-2	3858368	3743438	3334181	3645329	7.56	cps
Indium	115-1	7933782	7594819	8001051	7843217	2.78	cps
Indium	115-2	1327184	1271608	1151038	1249944	7.20	cps
Iron	54-2	561	567	722	617	14.83	cps
Iron	56-2	5373	5824	7930	6376	21.41	cps
Iron	57-2	244	233	317	265	17.09	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BL	Instrumnet Name :	P8
Client Sample ID :	PBS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:12:24	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4359	4476	4333	4389	1.74	cps
Lead	206-1	1150	1011	1045	1069	6.79	cps
Lead	207-1	1083	961	917	987	8.74	cps
Lead	208-1	4606	4045	4239	4297	6.63	cps
Lithium	6-1	3832897	3694100	3794522	3773840	1.90	cps
Magnesium	24-2	250	158	458	289	53.22	cps
Manganese	55-2	80	67	110	86	25.94	cps
Molybdenum	94-1	175	292	200	222	27.64	cps
Molybdenum	95-1	150	100	142	131	20.52	cps
Molybdenum	96-1	283	358	350	331	12.44	cps
Molybdenum	97-1	67	125	125	106	31.90	cps
Molybdenum	98-1	242	242	217	233	6.19	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	20	30	67	39	63.18	cps
Phosphorus	31-2	142	150	100	131	20.52	cps
Potassium	39-2	17520	17403	18028	17650	1.88	cps
Rhodium	103-1	7502753	7386229	7436275	7441752	0.79	cps
Rhodium	103-2	3191059	3102670	2794900	3029543	6.86	cps
Scandium	45-1	5725081	5521817	5572510	5606469	1.89	cps
Scandium	45-2	184973	177706	166381	176353	5.31	cps
Selenium	82-1	31	-35	29	8	450.29	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	100	83	114	99	15.68	cps
Silicon	28-1	393719	391597	389718	391678	0.51	cps
Silver	107-1	250	217	183	217	15.38	cps
Silver	109-1	125	258	217	200	34.11	cps
Sodium	23-2	18003	17578	18370	17984	2.21	cps
Strontium	86-1	7411	6960	6810	7060	4.43	cps
Strontium	88-1	925	700	592	739	23.01	cps
Sulfur	34-1	219503	217700	221499	219567	0.87	cps
Terbium	159-1	9298873	9693200	9360813	9450962	2.24	cps
Terbium	159-2	3883093	3793949	3374834	3683959	7.37	cps
Thallium	203-1	1058	1225	1258	1181	9.08	cps
Thallium	205-1	2750	2667	2959	2792	5.38	cps
Tin	118-1	1592	1975	1758	1775	10.83	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BL	Instrumnet Name :	P8
Client Sample ID :	PBS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:12:24	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	142	225	217	32.86	cps
Uranium	238-1	25	42	17	28	45.82	cps
Vanadium	51-2	10	17	0	9	94.38	cps
Ytterbium	172-1	83	58	83	75	19.25	cps
Ytterbium	172-2	33	28	6	22	66.13	cps
Ytterbium	176-1	1225	1292	1175	1231	4.76	cps
Ytterbium	176-2	4656	4934	4423	4671	5.48	cps
Yttrium	89-1	12303832	12102899	12081567	12162766	1.01	cps
Yttrium	89-2	1495037	1395820	1269893	1386917	8.14	cps
Zinc	66-2	163	207	177	182	12.18	cps
Zirconium	90-1	450	567	492	503	11.76	cps
Zirconium	91-1	58	92	92	81	23.89	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BS	Instrumnet Name :	P8
Client Sample ID :	LCS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:15:26	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2254	2195	2147	2199	2.42	cps
Antimony	121-1	22018	22670	22335	22341	1.46	cps
Arsenic	75-2	348	328	370	349	6.02	cps
Barium	135-1	29366	29700	30134	29733	1.30	cps
Barium	137-1	51925	51014	52177	51705	1.18	cps
Beryllium	9-1	4306	4384	4384	4358	1.03	cps
Bismuth	209-1	5504642	5539940	5536910	5527164	0.35	cps
Bismuth	209-2	2590560	2454954	2612271	2552595	3.34	cps
Boron	10-1	14132	14781	15395	14769	4.28	cps
Boron	11-1	60467	63940	67111	63839	5.21	cps
Bromine	81-1	36857	40210	38302	38456	4.37	cps
Cadmium	111-1	5702	5915	5269	5629	5.85	cps
Cadmium	106-1	3392	3842	3175	3470	9.80	cps
Cadmium	108-1	325	292	250	289	13.01	cps
Calcium	43-1	28059	27481	27123	27555	1.71	cps
Calcium	44-1	413826	412244	406442	410837	0.95	cps
Carbon	12-1	3997347	3982893	3962793	3981011	0.44	cps
Carbon	12-2	44150	43298	43339	43596	1.10	cps
Chlorine	35-1	512462	511643	498437	507514	1.55	cps
Chlorine	35-2	4084	3992	3967	4015	1.53	cps
Chromium	52-2	7209	6832	7098	7046	2.75	cps
Cobalt	59-2	5658	5761	5728	5716	0.92	cps
Copper	63-2	8996	9093	8863	8984	1.29	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	83	92	81	15.80	cps
Erbium	164-2	23	40	40	34	27.94	cps
Gadolinium	160-1	67	25	58	50	44.10	cps
Gadolinium	160-2	63	87	70	73	16.39	cps
Holmium	165-1	9023015	8776803	9231115	9010311	2.52	cps
Holmium	165-2	3735107	3758880	3786569	3760185	0.68	cps
Indium	115-1	8020305	7845467	7775899	7880557	1.60	cps
Indium	115-2	1272809	1251836	1257964	1260870	0.86	cps
Iron	54-2	30850	29057	29620	29842	3.07	cps
Iron	56-2	531129	526868	521006	526334	0.97	cps
Iron	57-2	12745	13395	13901	13347	4.34	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BS	Instrumnet Name :	P8
Client Sample ID :	LCS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:15:26	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4271	4356	4500	4376	2.64	cps
Lead	206-1	10421	9943	10143	10169	2.36	cps
Lead	207-1	8586	8375	8953	8638	3.39	cps
Lead	208-1	39780	39018	40125	39641	1.43	cps
Lithium	6-1	3954165	3798988	3734676	3829276	2.95	cps
Magnesium	24-2	130611	135554	134521	133562	1.95	cps
Manganese	55-2	1970	1953	2047	1990	2.50	cps
Molybdenum	94-1	23412	23537	22611	23187	2.17	cps
Molybdenum	95-1	27269	26609	26943	26941	1.22	cps
Molybdenum	96-1	29583	29173	30067	29607	1.51	cps
Molybdenum	97-1	16393	16685	15626	16235	3.37	cps
Molybdenum	98-1	42039	43411	43034	42828	1.65	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1537	1613	1590	1580	2.49	cps
Phosphorus	31-2	108	158	100	122	25.81	cps
Potassium	39-2	126082	127443	125958	126494	0.65	cps
Rhodium	103-1	7413854	7459792	7205024	7359557	1.85	cps
Rhodium	103-2	2997040	3060173	3036177	3031130	1.05	cps
Scandium	45-1	5591331	5670907	5689208	5650482	0.92	cps
Scandium	45-2	180500	179535	178927	179654	0.44	cps
Selenium	82-1	1394	1480	1417	1430	3.13	cps
Selenium	77-2	47	70	27	48	45.39	cps
Selenium	78-2	275	237	216	243	12.32	cps
Silicon	28-1	488687	488926	483785	487133	0.60	cps
Silver	107-1	16494	16994	16961	16816	1.66	cps
Silver	109-1	15584	15334	15634	15517	1.04	cps
Sodium	23-2	267398	260764	258989	262384	1.69	cps
Strontium	86-1	865623	854864	868277	862921	0.82	cps
Strontium	88-1	7097185	7390793	7267992	7251990	2.03	cps
Sulfur	34-1	221737	221236	221778	221584	0.14	cps
Terbium	159-1	9483624	9504967	9428339	9472310	0.42	cps
Terbium	159-2	3719057	3725773	3734258	3726363	0.20	cps
Thallium	203-1	11964	11864	12098	11975	0.98	cps
Thallium	205-1	28423	27505	27864	27931	1.66	cps
Tin	118-1	1383	1475	1625	1495	8.16	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144814BS	Instrumnet Name :	P8
Client Sample ID :	LCS814	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:15:26	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10346	9954	10121	10140	1.94	cps
Uranium	238-1	33336	35333	34205	34292	2.92	cps
Vanadium	51-2	12702	13079	12916	12899	1.47	cps
Ytterbium	172-1	58	42	75	58	28.57	cps
Ytterbium	172-2	28	28	28	28	0.00	cps
Ytterbium	176-1	1200	1358	1342	1300	6.69	cps
Ytterbium	176-2	4390	4534	5134	4686	8.43	cps
Yttrium	89-1	12442414	12098705	12166401	12235840	1.49	cps
Yttrium	89-2	1425208	1379321	1373205	1392578	2.04	cps
Zinc	66-2	3004	2847	2994	2948	2.98	cps
Zirconium	90-1	22803	22410	23604	22939	2.65	cps
Zirconium	91-1	4768	4926	5209	4968	4.51	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : PB144813BL Instrumnet Name : P8
 Client Sample ID : PBS813 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 16:18:32 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	81	79	88	15.66	cps
Antimony	121-1	83	83	108	92	15.74	cps
Arsenic	75-2	4	5	4	4	13.32	cps
Barium	135-1	75	50	17	47	61.97	cps
Barium	137-1	33	50	75	53	39.74	cps
Beryllium	9-1	64	50	52	55	13.69	cps
Bismuth	209-1	5473136	5656425	5059142	5396234	5.67	cps
Bismuth	209-2	2567684	2455118	2535284	2519362	2.30	cps
Boron	10-1	3022	2882	2686	2863	5.89	cps
Boron	11-1	13321	12693	12221	12745	4.33	cps
Bromine	81-1	37459	39135	39025	38540	2.43	cps
Cadmium	111-1	2445	2080	2007	2178	10.78	cps
Cadmium	106-1	3476	2925	2850	3084	11.07	cps
Cadmium	108-1	42	25	67	44	47.19	cps
Calcium	43-1	320	371	304	332	10.62	cps
Calcium	44-1	8498	8373	8273	8381	1.35	cps
Carbon	12-1	3669812	3622113	3610774	3634233	0.86	cps
Carbon	12-2	39195	40431	40665	40097	1.97	cps
Chlorine	35-1	410379	405328	400636	405448	1.20	cps
Chlorine	35-2	3384	3367	2934	3228	7.91	cps
Chromium	52-2	1120	980	1053	1051	6.66	cps
Cobalt	59-2	33	67	73	58	37.09	cps
Copper	63-2	677	633	617	642	4.82	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	37	27	37	33	17.32	cps
Gadolinium	160-1	83	83	25	64	52.72	cps
Gadolinium	160-2	80	60	70	70	14.29	cps
Holmium	165-1	9142683	8838103	8492843	8824543	3.68	cps
Holmium	165-2	3612123	3651671	3676072	3646622	0.88	cps
Indium	115-1	7938797	7777430	7215537	7643922	4.97	cps
Indium	115-2	1261496	1243365	1240442	1248434	0.91	cps
Iron	54-2	611	583	572	589	3.40	cps
Iron	56-2	5885	5685	5879	5816	1.96	cps
Iron	57-2	222	272	256	250	10.18	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BL	Instrumnet Name :	P8
Client Sample ID :	PBS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:18:32	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4406	4258	4265	4310	1.94	cps
Lead	206-1	789	894	928	870	8.33	cps
Lead	207-1	811	794	789	798	1.45	cps
Lead	208-1	3434	3522	3695	3550	3.74	cps
Lithium	6-1	3861954	3508552	3416915	3595807	6.54	cps
Magnesium	24-2	200	217	317	244	25.81	cps
Manganese	55-2	67	93	47	69	33.99	cps
Molybdenum	94-1	275	242	275	264	7.29	cps
Molybdenum	95-1	108	125	67	100	30.04	cps
Molybdenum	96-1	308	300	333	314	5.53	cps
Molybdenum	97-1	92	50	33	58	51.51	cps
Molybdenum	98-1	233	183	167	194	17.84	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	17	23	10	17	39.99	cps
Phosphorus	31-2	92	108	158	119	29.05	cps
Potassium	39-2	17344	17694	17361	17467	1.13	cps
Rhodium	103-1	7380307	7222226	6699118	7100550	5.02	cps
Rhodium	103-2	2991632	2971749	2950343	2971241	0.69	cps
Scandium	45-1	5565479	5437131	5073534	5358715	4.76	cps
Scandium	45-2	176177	173183	176678	175346	1.08	cps
Selenium	82-1	-199	7	165	-9	-2083.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	100	111	99	13.23	cps
Silicon	28-1	394673	387354	389426	390485	0.97	cps
Silver	107-1	308	350	233	297	19.89	cps
Silver	109-1	200	283	200	228	21.12	cps
Sodium	23-2	15559	15667	16268	15831	2.41	cps
Strontium	86-1	7019	7002	7369	7130	2.91	cps
Strontium	88-1	1133	1108	900	1047	12.23	cps
Sulfur	34-1	223091	225306	226001	224799	0.68	cps
Terbium	159-1	9288012	9316389	8665742	9090047	4.05	cps
Terbium	159-2	3756667	3767671	3684038	3736126	1.22	cps
Thallium	203-1	883	1000	842	908	9.04	cps
Thallium	205-1	2109	2409	2225	2247	6.73	cps
Tin	118-1	1917	1633	1742	1764	8.11	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BL	Instrumnet Name :	P8
Client Sample ID :	PBS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:18:32	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	192	242	200	19.10	cps
Uranium	238-1	25	17	42	28	45.82	cps
Vanadium	51-2	10	20	3	11	75.52	cps
Ytterbium	172-1	67	50	75	64	19.92	cps
Ytterbium	172-2	39	44	56	46	18.33	cps
Ytterbium	176-1	1342	1058	925	1108	19.20	cps
Ytterbium	176-2	4601	4834	4518	4651	3.53	cps
Yttrium	89-1	12423089	12264770	11196799	11961553	5.58	cps
Yttrium	89-2	1387896	1367380	1371867	1375714	0.78	cps
Zinc	66-2	167	130	140	146	13.02	cps
Zirconium	90-1	583	492	392	489	19.61	cps
Zirconium	91-1	75	92	100	89	14.32	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BS	Instrumnet Name :	P8
Client Sample ID :	LCS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:21:35	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2260	2066	2180	2169	4.49	cps
Antimony	121-1	22010	21559	21885	21818	1.07	cps
Arsenic	75-2	393	354	369	372	5.29	cps
Barium	135-1	29316	29533	28105	28985	2.66	cps
Barium	137-1	50462	50027	50528	50339	0.54	cps
Beryllium	9-1	4328	4238	4298	4288	1.07	cps
Bismuth	209-1	5336910	5415245	5676126	5476094	3.24	cps
Bismuth	209-2	2487814	2531120	2479436	2499456	1.11	cps
Boron	10-1	13646	14396	14969	14337	4.63	cps
Boron	11-1	60275	63300	65918	63164	4.47	cps
Bromine	81-1	38844	39588	39096	39176	0.97	cps
Cadmium	111-1	5813	5711	5705	5743	1.06	cps
Cadmium	106-1	3792	3476	3709	3659	4.49	cps
Cadmium	108-1	263	246	263	257	3.75	cps
Calcium	43-1	27822	27661	27161	27548	1.25	cps
Calcium	44-1	407374	402705	400609	403563	0.86	cps
Carbon	12-1	4034732	3998852	3997014	4010199	0.53	cps
Carbon	12-2	43072	44552	43983	43869	1.70	cps
Chlorine	35-1	360238	352000	350864	354367	1.44	cps
Chlorine	35-2	3000	2992	2825	2939	3.36	cps
Chromium	52-2	7022	6995	6792	6936	1.81	cps
Cobalt	59-2	5861	5615	5464	5647	3.55	cps
Copper	63-2	9383	8980	9000	9121	2.49	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	40	37	13	30	48.44	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	63	73	57	64	13.01	cps
Holmium	165-1	8716734	8747772	8829619	8764708	0.67	cps
Holmium	165-2	3680062	3680431	3653278	3671257	0.42	cps
Indium	115-1	7600207	7738127	7624511	7654282	0.96	cps
Indium	115-2	1243905	1247477	1248495	1246626	0.19	cps
Iron	54-2	28212	30138	29954	29434	3.61	cps
Iron	56-2	515888	509548	523644	516360	1.37	cps
Iron	57-2	13078	13134	13323	13179	0.97	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BS	Instrumnet Name :	P8
Client Sample ID :	LCS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:21:35	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4379	4361	4400	4380	0.44	cps
Lead	206-1	10321	9515	9342	9726	5.37	cps
Lead	207-1	8553	8614	8820	8662	1.61	cps
Lead	208-1	39452	38301	38601	38784	1.54	cps
Lithium	6-1	3617696	3799541	3710429	3709222	2.45	cps
Magnesium	24-2	131585	134252	130105	131980	1.59	cps
Manganese	55-2	1970	1950	1870	1930	2.74	cps
Molybdenum	94-1	24021	24072	22986	23693	2.59	cps
Molybdenum	95-1	28522	28472	28079	28357	0.86	cps
Molybdenum	96-1	31687	31227	31144	31353	0.93	cps
Molybdenum	97-1	17119	17395	16577	17030	2.44	cps
Molybdenum	98-1	45083	44940	43979	44667	1.34	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1663	1590	1610	1621	2.34	cps
Phosphorus	31-2	167	192	167	175	8.25	cps
Potassium	39-2	120140	125460	122409	122670	2.18	cps
Rhodium	103-1	7238674	7182928	7408634	7276745	1.62	cps
Rhodium	103-2	2976860	2947490	2987151	2970500	0.69	cps
Scandium	45-1	5394031	5454127	5487544	5445234	0.87	cps
Scandium	45-2	172764	177274	175108	175048	1.29	cps
Selenium	82-1	1399	1399	1325	1374	3.10	cps
Selenium	77-2	23	33	47	34	34.00	cps
Selenium	78-2	250	223	249	241	6.36	cps
Silicon	28-1	487654	526243	485835	499911	4.57	cps
Silver	107-1	16327	16919	16761	16669	1.84	cps
Silver	109-1	15359	15476	16168	15668	2.79	cps
Sodium	23-2	262557	262507	260854	261972	0.37	cps
Strontium	86-1	844638	824755	816077	828490	1.77	cps
Strontium	88-1	7096840	7038414	6815230	6983495	2.13	cps
Sulfur	34-1	226728	224723	223978	225143	0.63	cps
Terbium	159-1	9231964	9343170	9408883	9328006	0.96	cps
Terbium	159-2	3634986	3644713	3493304	3591001	2.36	cps
Thallium	203-1	12306	11664	10821	11597	6.42	cps
Thallium	205-1	28465	28189	28073	28243	0.71	cps
Tin	118-1	1417	1375	1425	1406	1.91	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	PB144813BS	Instrumnet Name :	P8
Client Sample ID :	LCS813	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:21:35	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10087	10304	10488	10293	1.95	cps
Uranium	238-1	34464	33277	33779	33840	1.76	cps
Vanadium	51-2	13290	12809	12202	12767	4.27	cps
Ytterbium	172-1	33	75	50	53	39.74	cps
Ytterbium	172-2	50	22	33	35	39.74	cps
Ytterbium	176-1	1200	1183	1183	1189	0.81	cps
Ytterbium	176-2	4262	4362	4884	4503	7.42	cps
Yttrium	89-1	11848069	11898133	11973345	11906516	0.53	cps
Yttrium	89-2	1395421	1414194	1351167	1386928	2.33	cps
Zinc	66-2	2907	2994	3130	3010	3.74	cps
Zirconium	90-1	22894	22928	22360	22727	1.40	cps
Zirconium	91-1	5143	5309	4868	5107	4.37	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01RE	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:24:40	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	977281	978829	976161	977424	0.14	cps
Antimony	121-1	6910	7419	7219	7183	3.57	cps
Arsenic	75-2	308309	300844	306000	305051	1.25	cps
Barium	135-1	419680	414076	414870	416209	0.73	cps
Barium	137-1	710157	714743	723960	716287	0.98	cps
Beryllium	9-1	928	842	912	894	5.12	cps
Bismuth	209-1	5980397	5761634	5690746	5810925	2.60	cps
Bismuth	209-2	2632594	2117929	2450894	2400472	10.87	cps
Boron	10-1	3304	3362	3344	3336	0.89	cps
Boron	11-1	14859	14981	14428	14756	1.97	cps
Bromine	81-1	37800	40330	39588	39240	3.31	cps
Cadmium	111-1	3004	2821	2775	2867	4.22	cps
Cadmium	106-1	3667	3617	3442	3576	3.30	cps
Cadmium	108-1	138	200	150	163	20.35	cps
Calcium	43-1	182819	183132	181412	182454	0.50	cps
Calcium	44-1	2947845	3015465	2961665	2974992	1.20	cps
Carbon	12-1	5486189	5510974	5475329	5490831	0.33	cps
Carbon	12-2	59178	60408	60383	59990	1.17	cps
Chlorine	35-1	24406468	29711664	34395009	29504380	16.94	cps
Chlorine	35-2	330513	334078	358139	340910	4.41	cps
Chromium	52-2	63176	63494	61351	62674	1.84	cps
Cobalt	59-2	72625	72839	72286	72583	0.38	cps
Copper	63-2	235282	231433	234620	233779	0.88	cps
Dysprosium	156-1	17028	18346	16661	17345	5.11	cps
Dysprosium	156-2	6485	6785	6665	6645	2.27	cps
Erbium	164-1	15384	15343	15801	15509	1.64	cps
Erbium	164-2	6308	5978	5801	6029	4.27	cps
Gadolinium	160-1	17328	16995	16920	17081	1.27	cps
Gadolinium	160-2	6902	7215	7009	7042	2.26	cps
Holmium	165-1	9252079	9402949	9287784	9314271	0.85	cps
Holmium	165-2	3820483	3092221	3662015	3524906	10.87	cps
Indium	115-1	8229199	8041266	8131489	8133985	1.16	cps
Indium	115-2	1315512	1034179	1255775	1201822	12.33	cps
Iron	54-2	5249234	5189494	5111040	5183256	1.34	cps
Iron	56-2	97884936	94174544	92649813	94903097	2.84	cps
Iron	57-2	2497636	2399261	2417125	2438007	2.15	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01RE	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:24:40	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4458	4398	4551	4469	1.73	cps
Lead	206-1	2702638	2664982	2764419	2710680	1.85	cps
Lead	207-1	2180382	2198662	2260184	2213076	1.89	cps
Lead	208-1	10307310	10238748	10482674	10342911	1.22	cps
Lithium	6-1	3892722	3969575	3876091	3912796	1.27	cps
Magnesium	24-2	1773716	1758491	1724882	1752363	1.43	cps
Manganese	55-2	947131	926666	926736	933511	1.26	cps
Molybdenum	94-1	31837	31119	32080	31678	1.58	cps
Molybdenum	95-1	41697	41346	40443	41162	1.57	cps
Molybdenum	96-1	50435	51061	49949	50482	1.10	cps
Molybdenum	97-1	25265	25199	26334	25599	2.49	cps
Molybdenum	98-1	63270	65280	66209	64920	2.31	cps
Neodymium	150-1	27255	27809	27021	27362	1.48	cps
Neodymium	150-2	8683	8496	8246	8475	2.59	cps
Nickel	60-2	22254	21643	21430	21776	1.97	cps
Phosphorus	31-2	4334	4084	4676	4365	6.81	cps
Potassium	39-2	280545	278807	274912	278088	1.04	cps
Rhodium	103-1	7787302	7653371	7583693	7674789	1.35	cps
Rhodium	103-2	3115062	2514365	2972309	2867245	10.95	cps
Scandium	45-1	6253755	6058728	5923266	6078583	2.73	cps
Scandium	45-2	183951	151403	175602	170318	9.93	cps
Selenium	82-1	1021	994	938	984	4.34	cps
Selenium	77-2	67	77	63	69	10.08	cps
Selenium	78-2	226	212	208	215	4.39	cps
Silicon	28-1	17062531	17047801	16610704	16907012	1.52	cps
Silver	107-1	25483	25633	26026	25714	1.09	cps
Silver	109-1	24289	24498	23771	24186	1.55	cps
Sodium	23-2	181623	183490	179406	181506	1.13	cps
Strontium	86-1	373336	378434	368813	373528	1.29	cps
Strontium	88-1	3120425	3060718	3098271	3093138	0.98	cps
Sulfur	34-1	537639	539279	535064	537327	0.40	cps
Terbium	159-1	10201489	9847380	9535846	9861572	3.38	cps
Terbium	159-2	3905813	3118990	3712068	3578957	11.45	cps
Thallium	203-1	2675	3275	3376	3109	12.18	cps
Thallium	205-1	6944	7536	7761	7413	5.69	cps
Tin	118-1	26618	25007	26217	25947	3.23	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01RE	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:24:40	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	685048	682637	674808	680831	0.79	cps
Uranium	238-1	26720	27706	26228	26885	2.80	cps
Vanadium	51-2	129050	125678	126061	126929	1.45	cps
Ytterbium	172-1	5826	5526	5651	5668	2.66	cps
Ytterbium	172-2	2284	2517	2356	2385	5.01	cps
Ytterbium	176-1	4726	4334	4501	4520	4.35	cps
Ytterbium	176-2	6101	5401	6324	5942	8.10	cps
Yttrium	89-1	13321392	12731389	12517330	12856704	3.24	cps
Yttrium	89-2	1486718	1200276	1392209	1359734	10.73	cps
Zinc	66-2	71845	70475	73135	71818	1.85	cps
Zirconium	90-1	23320	22285	22819	22808	2.27	cps
Zirconium	91-1	5601	5768	5901	5757	2.61	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:27:35	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1478693	1478940	1451908	1469847	1.06	cps
Antimony	121-1	7360	7544	7636	7513	1.87	cps
Arsenic	75-2	224290	224770	223648	224236	0.25	cps
Barium	135-1	339664	330519	330674	333619	1.57	cps
Barium	137-1	581524	573973	578009	577835	0.65	cps
Beryllium	9-1	1812	1802	1776	1796	1.03	cps
Bismuth	209-1	5642803	5468230	5589270	5566768	1.61	cps
Bismuth	209-2	2623172	2619106	2725986	2656088	2.28	cps
Boron	10-1	3032	2776	3044	2950	5.13	cps
Boron	11-1	12925	12845	13055	12942	0.82	cps
Bromine	81-1	39316	39327	40641	39761	1.92	cps
Cadmium	111-1	4082	4196	4349	4209	3.18	cps
Cadmium	106-1	3776	4051	4101	3976	4.40	cps
Cadmium	108-1	296	300	317	304	3.62	cps
Calcium	43-1	240833	236681	237907	238474	0.89	cps
Calcium	44-1	3832425	3655385	3793221	3760344	2.47	cps
Carbon	12-1	8165124	8180197	8308946	8218089	0.96	cps
Carbon	12-2	92474	92374	89472	91440	1.86	cps
Chlorine	35-1	35750409	39296978	42032072	39026486	8.07	cps
Chlorine	35-2	385253	403055	407417	398575	2.95	cps
Chromium	52-2	115916	112848	113733	114165	1.38	cps
Cobalt	59-2	158767	161365	158739	159624	0.94	cps
Copper	63-2	357173	353033	348888	353032	1.17	cps
Dysprosium	156-1	23121	23112	22378	22870	1.86	cps
Dysprosium	156-2	9026	9147	8856	9010	1.62	cps
Erbium	164-1	24390	24172	23647	24070	1.59	cps
Erbium	164-2	9240	9260	9160	9220	0.57	cps
Gadolinium	160-1	22962	23421	22804	23062	1.39	cps
Gadolinium	160-2	10024	10521	9987	10177	2.93	cps
Holmium	165-1	9210820	9188753	9058394	9152656	0.90	cps
Holmium	165-2	3872887	3802528	3890250	3855222	1.20	cps
Indium	115-1	8019128	7922929	7870628	7937562	0.95	cps
Indium	115-2	1291040	1312012	1364042	1322364	2.84	cps
Iron	54-2	5769418	6011885	5811982	5864428	2.21	cps
Iron	56-2	104901313	107545969	102247344	104898209	2.53	cps
Iron	57-2	2685837	2692274	2624409	2667507	1.40	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:27:35	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4380	4345	4384	4370	0.49	cps
Lead	206-1	981691	973227	976615	977177	0.44	cps
Lead	207-1	808333	795903	803675	802637	0.78	cps
Lead	208-1	3855314	3745573	3809234	3803374	1.45	cps
Lithium	6-1	3822286	4041993	3856278	3906852	3.03	cps
Magnesium	24-2	2597447	2537238	2451638	2528775	2.90	cps
Manganese	55-2	1556614	1613517	1551092	1573741	2.20	cps
Molybdenum	94-1	11580	11739	11488	11602	1.09	cps
Molybdenum	95-1	10913	10538	10421	10624	2.42	cps
Molybdenum	96-1	18463	19122	18738	18774	1.76	cps
Molybdenum	97-1	6610	6177	6477	6421	3.46	cps
Molybdenum	98-1	17111	16377	16035	16508	3.33	cps
Neodymium	150-1	31237	31858	32199	31765	1.54	cps
Neodymium	150-2	10054	9757	10077	9963	1.79	cps
Nickel	60-2	63394	63461	63977	63611	0.50	cps
Phosphorus	31-2	6026	5943	6160	6043	1.81	cps
Potassium	39-2	291420	292440	297662	293841	1.14	cps
Rhodium	103-1	7365724	7485089	7397491	7416102	0.83	cps
Rhodium	103-2	2998388	3149840	3213200	3120476	3.54	cps
Scandium	45-1	5879421	5797234	5876039	5850898	0.79	cps
Scandium	45-2	185760	184683	194226	188223	2.78	cps
Selenium	82-1	366	634	461	487	27.84	cps
Selenium	77-2	57	70	60	62	11.15	cps
Selenium	78-2	151	151	178	160	9.74	cps
Silicon	28-1	18586575	18155489	18340799	18360955	1.18	cps
Silver	107-1	7169	8178	7110	7486	8.02	cps
Silver	109-1	7411	7552	7744	7569	2.21	cps
Sodium	23-2	117834	115574	114859	116089	1.34	cps
Strontium	86-1	217105	219356	217602	218021	0.54	cps
Strontium	88-1	1848533	1793415	1819529	1820492	1.51	cps
Sulfur	34-1	376462	365281	370931	370891	1.51	cps
Terbium	159-1	9662302	9935087	9514559	9703982	2.20	cps
Terbium	159-2	3890776	3899061	4070543	3953460	2.57	cps
Thallium	203-1	1717	2084	2150	1984	11.77	cps
Thallium	205-1	4501	4901	4618	4673	4.40	cps
Tin	118-1	26459	27737	28221	27473	3.31	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:27:35	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475613	475195	468372	473060	0.86	cps
Uranium	238-1	18213	17888	17654	17919	1.57	cps
Vanadium	51-2	178934	179417	176763	178372	0.79	cps
Ytterbium	172-1	7669	8203	7536	7803	4.52	cps
Ytterbium	172-2	3095	3217	3345	3219	3.88	cps
Ytterbium	176-1	6052	5977	5960	5996	0.82	cps
Ytterbium	176-2	6769	7008	7108	6961	2.50	cps
Yttrium	89-1	12543991	12612806	13030576	12729124	2.07	cps
Yttrium	89-2	1476943	1452169	1552128	1493747	3.48	cps
Zinc	66-2	240449	241615	245752	242605	1.15	cps
Zirconium	90-1	13891	14283	14625	14266	2.57	cps
Zirconium	91-1	3876	3776	3751	3801	1.74	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:30:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629841	626225	605577	620548	2.11	cps
Antimony	121-1	41054	41229	41923	41402	1.11	cps
Arsenic	75-2	821641	801787	803692	809040	1.35	cps
Barium	135-1	597188	589889	597324	594800	0.72	cps
Barium	137-1	1020031	1008012	1043048	1023697	1.74	cps
Beryllium	9-1	554	598	520	557	7.02	cps
Bismuth	209-1	6013603	5886954	5928193	5942917	1.09	cps
Bismuth	209-2	2640873	2680749	2683016	2668212	0.89	cps
Boron	10-1	2182	2188	2216	2195	0.83	cps
Boron	11-1	9623	9655	9705	9661	0.43	cps
Bromine	81-1	40501	39868	41947	40772	2.61	cps
Cadmium	111-1	2933	2904	2989	2942	1.48	cps
Cadmium	106-1	3792	3559	3817	3723	3.83	cps
Cadmium	108-1	371	333	363	356	5.54	cps
Calcium	43-1	87856	87534	88476	87955	0.54	cps
Calcium	44-1	1373016	1375628	1372939	1373861	0.11	cps
Carbon	12-1	5034769	5103219	5083940	5073976	0.70	cps
Carbon	12-2	54644	56451	57095	56063	2.27	cps
Chlorine	35-1	41878495	45426704	47837084	45047428	6.65	cps
Chlorine	35-2	436015	437125	435229	436123	0.22	cps
Chromium	52-2	35802	35310	34689	35267	1.58	cps
Cobalt	59-2	38673	38105	38275	38351	0.76	cps
Copper	63-2	287664	284730	288799	287064	0.73	cps
Dysprosium	156-1	8928	8845	8511	8761	2.52	cps
Dysprosium	156-2	3204	3470	3370	3348	4.02	cps
Erbium	164-1	7969	8011	8078	8019	0.68	cps
Erbium	164-2	3034	3030	3017	3027	0.29	cps
Gadolinium	160-1	8278	8303	8011	8197	1.97	cps
Gadolinium	160-2	3724	3674	3661	3686	0.91	cps
Holmium	165-1	9148200	9102239	9314355	9188265	1.21	cps
Holmium	165-2	3757365	3725058	3773177	3751867	0.65	cps
Indium	115-1	8108051	7930085	7937665	7991934	1.26	cps
Indium	115-2	1292185	1284633	1285947	1287588	0.31	cps
Iron	54-2	8481108	8285527	8182918	8316518	1.82	cps
Iron	56-2	152831420	153524315	149856287	152070674	1.28	cps
Iron	57-2	3917547	3785068	3754736	3819117	2.27	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:30:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4205	4490	4340	4345	3.28	cps
Lead	206-1	16034245	16206729	15755647	15998874	1.42	cps
Lead	207-1	12895718	12872357	13302140	13023405	1.86	cps
Lead	208-1	61528833	61531444	62258225	61772834	0.68	cps
Lithium	6-1	3916625	4016421	3951108	3961385	1.28	cps
Magnesium	24-2	1012547	997600	981831	997326	1.54	cps
Manganese	55-2	423211	413816	413869	416965	1.30	cps
Molybdenum	94-1	165455	163243	161863	163520	1.11	cps
Molybdenum	95-1	264211	269103	260918	264744	1.56	cps
Molybdenum	96-1	291490	296821	289757	292689	1.26	cps
Molybdenum	97-1	165261	166298	161584	164381	1.51	cps
Molybdenum	98-1	420637	432380	415156	422724	2.08	cps
Neodymium	150-1	13587	13567	13293	13483	1.22	cps
Neodymium	150-2	4047	4044	4244	4112	2.79	cps
Nickel	60-2	12369	12616	11875	12287	3.07	cps
Phosphorus	31-2	3601	3342	3359	3434	4.21	cps
Potassium	39-2	553072	550233	550678	551328	0.28	cps
Rhodium	103-1	7326067	7551464	7557797	7478443	1.77	cps
Rhodium	103-2	3091188	3009660	3085832	3062227	1.49	cps
Scandium	45-1	5878789	5842734	5946339	5889287	0.89	cps
Scandium	45-2	185109	180889	183459	183152	1.16	cps
Selenium	82-1	4623	4452	4554	4543	1.90	cps
Selenium	77-2	170	153	147	157	7.67	cps
Selenium	78-2	538	578	539	552	4.13	cps
Silicon	28-1	13194740	12991226	13440675	13208880	1.70	cps
Silver	107-1	146619	150621	148427	148556	1.35	cps
Silver	109-1	150066	143159	140881	144702	3.31	cps
Sodium	23-2	344467	335407	327143	335672	2.58	cps
Strontium	86-1	1478812	1541116	1518706	1512878	2.09	cps
Strontium	88-1	12877878	12849988	12642186	12790017	1.01	cps
Sulfur	34-1	1090816	1076173	1077800	1081596	0.74	cps
Terbium	159-1	9822176	9692982	9745059	9753406	0.67	cps
Terbium	159-2	3751996	3856998	3848494	3819163	1.53	cps
Thallium	203-1	3167	2850	3034	3017	5.27	cps
Thallium	205-1	6677	7136	6919	6910	3.32	cps
Tin	118-1	28831	29240	28839	28970	0.81	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:30:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	734232	734378	743805	737472	0.74	cps
Uranium	238-1	5777	6177	5993	5982	3.35	cps
Vanadium	51-2	108939	109348	106937	108408	1.19	cps
Ytterbium	172-1	2742	3209	3142	3031	8.33	cps
Ytterbium	172-2	1395	1233	1222	1283	7.51	cps
Ytterbium	176-1	3092	2992	3075	3053	1.76	cps
Ytterbium	176-2	5373	5779	5907	5687	4.90	cps
Yttrium	89-1	12702886	12820202	12788097	12770395	0.47	cps
Yttrium	89-2	1477564	1408779	1448828	1445057	2.39	cps
Zinc	66-2	49005	47286	46834	47708	2.40	cps
Zirconium	90-1	42507	39892	40209	40869	3.49	cps
Zirconium	91-1	11822	10713	10755	11096	5.67	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:33:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	614232	605050	601767	607017	1.06	cps
Antimony	121-1	40536	38814	39332	39561	2.23	cps
Arsenic	75-2	773170	763928	757361	764820	1.04	cps
Barium	135-1	574439	579992	578570	577667	0.50	cps
Barium	137-1	1010394	1013205	1004693	1009431	0.43	cps
Beryllium	9-1	612	578	532	574	6.99	cps
Bismuth	209-1	5873918	5958800	5645539	5826085	2.78	cps
Bismuth	209-2	2664450	2660801	2668823	2664691	0.15	cps
Boron	10-1	1960	2148	2206	2104	6.11	cps
Boron	11-1	9119	9267	9219	9202	0.82	cps
Bromine	81-1	40200	38965	41495	40220	3.15	cps
Cadmium	111-1	3101	2810	2961	2957	4.93	cps
Cadmium	106-1	3909	3509	3626	3681	5.59	cps
Cadmium	108-1	396	442	396	411	6.44	cps
Calcium	43-1	85547	84989	84626	85054	0.55	cps
Calcium	44-1	1314892	1334729	1326001	1325207	0.75	cps
Carbon	12-1	4915349	4929544	4994593	4946495	0.85	cps
Carbon	12-2	55723	56493	55698	55971	0.81	cps
Chlorine	35-1	41018395	44864306	47642167	44508289	7.47	cps
Chlorine	35-2	428138	429690	443369	433732	1.93	cps
Chromium	52-2	36821	36457	36587	36621	0.50	cps
Cobalt	59-2	37977	37907	38058	37981	0.20	cps
Copper	63-2	273509	269028	270965	271167	0.83	cps
Dysprosium	156-1	8003	8203	8353	8186	2.15	cps
Dysprosium	156-2	3174	3194	3337	3235	2.75	cps
Erbium	164-1	8161	7769	7861	7930	2.59	cps
Erbium	164-2	2920	2787	2957	2888	3.10	cps
Gadolinium	160-1	8136	8078	7994	8069	0.88	cps
Gadolinium	160-2	3544	3607	3487	3546	1.69	cps
Holmium	165-1	9331303	9228167	8947606	9169025	2.17	cps
Holmium	165-2	3845493	3761688	3747723	3784968	1.40	cps
Indium	115-1	8008513	7904850	7865327	7926230	0.93	cps
Indium	115-2	1276544	1268847	1290112	1278501	0.84	cps
Iron	54-2	7936529	7683224	7827981	7815911	1.63	cps
Iron	56-2	144468570	141898081	146414292	144260314	1.57	cps
Iron	57-2	3602816	3645405	3516454	3588225	1.83	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:33:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4359	4454	4338	4383	1.41	cps
Lead	206-1	15440704	15138042	15033637	15204127	1.39	cps
Lead	207-1	12567142	12321659	12284484	12391095	1.24	cps
Lead	208-1	58461050	58011555	57411117	57961241	0.91	cps
Lithium	6-1	3871302	3933590	3737420	3847437	2.61	cps
Magnesium	24-2	989422	1011787	992043	997751	1.23	cps
Manganese	55-2	409426	405096	401763	405428	0.95	cps
Molybdenum	94-1	156543	156113	157781	156812	0.55	cps
Molybdenum	95-1	254265	248501	254156	252307	1.31	cps
Molybdenum	96-1	274902	273884	282224	277004	1.64	cps
Molybdenum	97-1	155356	154420	153732	154503	0.53	cps
Molybdenum	98-1	405959	394661	392196	397605	1.85	cps
Neodymium	150-1	12559	12800	12773	12711	1.04	cps
Neodymium	150-2	3937	3894	4107	3980	2.83	cps
Nickel	60-2	11982	12045	12072	12033	0.38	cps
Phosphorus	31-2	3542	3576	3859	3659	4.76	cps
Potassium	39-2	520889	518857	519312	519686	0.21	cps
Rhodium	103-1	7388368	7420614	7375720	7394901	0.31	cps
Rhodium	103-2	3124723	3029823	3040832	3065126	1.69	cps
Scandium	45-1	5810735	5671749	5714050	5732178	1.24	cps
Scandium	45-2	184689	183881	182270	183614	0.67	cps
Selenium	82-1	4230	4216	4385	4277	2.19	cps
Selenium	77-2	133	197	163	164	19.26	cps
Selenium	78-2	565	547	579	564	2.85	cps
Silicon	28-1	13842982	13642663	13584654	13690100	0.99	cps
Silver	107-1	140253	141660	140438	140784	0.54	cps
Silver	109-1	135264	132614	133968	133949	0.99	cps
Sodium	23-2	315693	312093	314965	314250	0.61	cps
Strontium	86-1	1448763	1412681	1422581	1428008	1.31	cps
Strontium	88-1	12182522	12299883	12371226	12284544	0.78	cps
Sulfur	34-1	998253	1004529	1046180	1016321	2.56	cps
Terbium	159-1	9770607	9443933	9293252	9502597	2.57	cps
Terbium	159-2	3732817	3701940	3832143	3755633	1.81	cps
Thallium	203-1	2875	2767	3059	2900	5.08	cps
Thallium	205-1	6852	6752	7010	6871	1.90	cps
Tin	118-1	28672	27979	28347	28333	1.22	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:33:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	686577	674673	689426	683559	1.14	cps
Uranium	238-1	6368	5443	6210	6007	8.24	cps
Vanadium	51-2	104905	103646	101987	103513	1.41	cps
Ytterbium	172-1	3034	2759	2625	2806	7.42	cps
Ytterbium	172-2	1295	1261	1122	1226	7.45	cps
Ytterbium	176-1	2859	2900	2975	2912	2.03	cps
Ytterbium	176-2	5268	5585	5874	5575	5.43	cps
Yttrium	89-1	12907306	12837719	12302483	12682503	2.61	cps
Yttrium	89-2	1428023	1424572	1397124	1416573	1.20	cps
Zinc	66-2	46483	46771	47352	46869	0.95	cps
Zirconium	90-1	38403	38813	37718	38312	1.44	cps
Zirconium	91-1	10563	10779	9987	10443	3.92	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:36:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967068	964149	954178	961798	0.70	cps
Antimony	121-1	6844	6852	7219	6971	3.07	cps
Arsenic	75-2	306450	306378	300928	304585	1.04	cps
Barium	135-1	401924	400364	398964	400418	0.37	cps
Barium	137-1	692249	692634	691905	692262	0.05	cps
Beryllium	9-1	934	892	878	901	3.23	cps
Bismuth	209-1	5659279	5525633	5475716	5553542	1.71	cps
Bismuth	209-2	2519695	2523512	2595517	2546241	1.68	cps
Boron	10-1	1842	1884	1912	1879	1.87	cps
Boron	11-1	8003	8129	8365	8165	2.25	cps
Bromine	81-1	38573	41877	40873	40441	4.19	cps
Cadmium	111-1	2907	2683	2793	2794	4.00	cps
Cadmium	106-1	3467	3276	3351	3364	2.87	cps
Cadmium	108-1	113	163	117	131	21.25	cps
Calcium	43-1	177000	176149	176822	176657	0.25	cps
Calcium	44-1	2884934	2839045	2798995	2840992	1.51	cps
Carbon	12-1	5268174	5303802	5284475	5285483	0.34	cps
Carbon	12-2	59245	60274	60366	59962	1.04	cps
Chlorine	35-1	41690477	45823046	48031401	45181641	7.12	cps
Chlorine	35-2	439126	432977	448649	440251	1.79	cps
Chromium	52-2	62962	63490	62268	62907	0.97	cps
Cobalt	59-2	72712	73392	72162	72755	0.85	cps
Copper	63-2	234246	234713	235889	234949	0.36	cps
Dysprosium	156-1	16803	16461	16669	16644	1.04	cps
Dysprosium	156-2	6342	6412	6318	6357	0.76	cps
Erbium	164-1	15710	15584	15818	15704	0.74	cps
Erbium	164-2	6001	6115	5998	6038	1.10	cps
Gadolinium	160-1	15801	16127	16118	16016	1.16	cps
Gadolinium	160-2	6879	7202	7012	7031	2.31	cps
Holmium	165-1	9234552	9042622	9080913	9119362	1.11	cps
Holmium	165-2	3700639	3792812	3693971	3729141	1.48	cps
Indium	115-1	8147005	7641533	7905916	7898151	3.20	cps
Indium	115-2	1276845	1292865	1291268	1286993	0.69	cps
Iron	54-2	5133787	5260535	5080370	5158231	1.79	cps
Iron	56-2	92897988	92826485	93215310	92979928	0.22	cps
Iron	57-2	2377073	2366442	2358932	2367482	0.39	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:36:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4324	4360	4468	4384	1.71	cps
Lead	206-1	2655788	2690075	2644117	2663327	0.90	cps
Lead	207-1	2152570	2162362	2136726	2150552	0.60	cps
Lead	208-1	10042139	10089682	10065889	10065903	0.24	cps
Lithium	6-1	3905253	3694945	3854588	3818262	2.87	cps
Magnesium	24-2	1747270	1773139	1719482	1746630	1.54	cps
Manganese	55-2	922165	924055	906118	917446	1.07	cps
Molybdenum	94-1	31077	30626	30376	30693	1.16	cps
Molybdenum	95-1	40577	40585	38555	39906	2.93	cps
Molybdenum	96-1	53973	49640	49782	51132	4.81	cps
Molybdenum	97-1	24288	23704	25440	24478	3.61	cps
Molybdenum	98-1	63688	63480	64375	63848	0.73	cps
Neodymium	150-1	27001	26847	25304	26384	3.56	cps
Neodymium	150-2	8289	8403	8449	8380	0.98	cps
Nickel	60-2	20929	20889	20755	20858	0.44	cps
Phosphorus	31-2	4251	4259	3801	4103	6.39	cps
Potassium	39-2	276523	275172	267906	273200	1.70	cps
Rhodium	103-1	7469634	7349533	7269893	7363020	1.37	cps
Rhodium	103-2	3096369	3045190	3018184	3053248	1.30	cps
Scandium	45-1	5961356	5705208	5693700	5786755	2.61	cps
Scandium	45-2	182606	181090	184533	182743	0.94	cps
Selenium	82-1	1033	998	959	996	3.70	cps
Selenium	77-2	87	63	53	68	25.24	cps
Selenium	78-2	221	226	172	206	14.46	cps
Silicon	28-1	16730316	16546653	16177611	16484860	1.71	cps
Silver	107-1	25157	25483	24130	24923	2.83	cps
Silver	109-1	23254	23153	23888	23432	1.70	cps
Sodium	23-2	182214	183039	178604	181286	1.30	cps
Strontium	86-1	362663	361105	362152	361973	0.22	cps
Strontium	88-1	3071614	3033847	3033354	3046271	0.72	cps
Sulfur	34-1	487744	484636	485563	485981	0.33	cps
Terbium	159-1	9533833	9252508	9353125	9379822	1.52	cps
Terbium	159-2	3739368	3814588	3751777	3768578	1.07	cps
Thallium	203-1	1759	1733	1775	1756	1.20	cps
Thallium	205-1	4451	4318	4301	4356	1.89	cps
Tin	118-1	25082	25391	25241	25238	0.61	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:36:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	656117	647333	645782	649744	0.86	cps
Uranium	238-1	26695	26779	25134	26203	3.54	cps
Vanadium	51-2	126968	124073	126854	125965	1.30	cps
Ytterbium	172-1	5134	5034	5310	5160	2.70	cps
Ytterbium	172-2	2661	2095	2195	2317	13.06	cps
Ytterbium	176-1	4351	4343	4668	4454	4.16	cps
Ytterbium	176-2	5968	6374	6563	6302	4.82	cps
Yttrium	89-1	12543547	12403221	12490078	12478948	0.57	cps
Yttrium	89-2	1448287	1418867	1430362	1432505	1.04	cps
Zinc	66-2	72180	71614	70586	71460	1.13	cps
Zirconium	90-1	21759	22202	21501	21820	1.62	cps
Zirconium	91-1	5618	5635	5393	5548	2.43	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-05	Instrumnet Name :	P8
Client Sample ID :	YB6X6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:39:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1018374	1025155	998980	1014170	1.34	cps
Antimony	121-1	4634	4893	4217	4581	7.44	cps
Arsenic	75-2	65619	66741	65503	65954	1.04	cps
Barium	135-1	245627	244137	250567	246777	1.36	cps
Barium	137-1	426345	432560	428896	429267	0.73	cps
Beryllium	9-1	840	724	812	792	7.64	cps
Bismuth	209-1	5527841	5682283	5701202	5637109	1.69	cps
Bismuth	209-2	1963609	2495330	2552329	2337089	13.89	cps
Boron	10-1	1852	1718	1788	1786	3.75	cps
Boron	11-1	7851	8007	8059	7972	1.36	cps
Bromine	81-1	41194	42941	43011	42382	2.43	cps
Cadmium	111-1	2858	2377	2380	2538	10.92	cps
Cadmium	106-1	4101	3309	3392	3601	12.09	cps
Cadmium	108-1	613	592	588	597	2.24	cps
Calcium	43-1	153754	154898	155962	154871	0.71	cps
Calcium	44-1	2495767	2493821	2478013	2489200	0.39	cps
Carbon	12-1	5419382	5377433	5450943	5415919	0.68	cps
Carbon	12-2	59722	59689	59170	59527	0.52	cps
Chlorine	35-1	45724560	50029973	52454562	49403032	6.90	cps
Chlorine	35-2	459357	481777	485961	475698	3.01	cps
Chromium	52-2	47141	46312	47021	46824	0.96	cps
Cobalt	59-2	62179	63273	62453	62635	0.91	cps
Copper	63-2	186461	190954	183499	186971	2.01	cps
Dysprosium	156-1	14125	14241	15109	14492	3.71	cps
Dysprosium	156-2	5581	5585	5551	5572	0.33	cps
Erbium	164-1	14700	14667	13774	14380	3.65	cps
Erbium	164-2	5688	5388	5378	5485	3.21	cps
Gadolinium	160-1	14767	13799	15050	14539	4.51	cps
Gadolinium	160-2	6582	6548	6278	6469	2.57	cps
Holmium	165-1	9341667	9247448	9477887	9355667	1.24	cps
Holmium	165-2	3036511	3639443	3731653	3469202	10.88	cps
Indium	115-1	7903739	7989523	8099599	7997621	1.23	cps
Indium	115-2	1020029	1223089	1267083	1170067	11.26	cps
Iron	54-2	3941684	3930799	3858668	3910384	1.15	cps
Iron	56-2	72829263	71918116	72151996	72299791	0.65	cps
Iron	57-2	1876723	1839556	1835685	1850655	1.22	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-05	Instrumnet Name :	P8
Client Sample ID :	YB6X6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:39:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4469	4426	4431	4442	0.52	cps
Lead	206-1	299137	295198	301051	298462	1.00	cps
Lead	207-1	245457	249511	247183	247383	0.82	cps
Lead	208-1	1159763	1161011	1146012	1155595	0.72	cps
Lithium	6-1	3915467	3868214	3825311	3869664	1.17	cps
Magnesium	24-2	2066915	2037357	1962814	2022362	2.65	cps
Manganese	55-2	1049224	1073279	1047445	1056649	1.37	cps
Molybdenum	94-1	11822	12790	12798	12470	4.50	cps
Molybdenum	95-1	12948	12264	11964	12392	4.07	cps
Molybdenum	96-1	18630	18938	18463	18677	1.29	cps
Molybdenum	97-1	8044	8136	7994	8058	0.89	cps
Molybdenum	98-1	19898	20215	20040	20051	0.79	cps
Neodymium	150-1	19755	21484	20890	20710	4.24	cps
Neodymium	150-2	5915	6148	6252	6105	2.83	cps
Nickel	60-2	18763	18622	18649	18678	0.40	cps
Phosphorus	31-2	4384	4751	4467	4534	4.24	cps
Potassium	39-2	164331	165487	165223	165014	0.37	cps
Rhodium	103-1	7483891	7620903	7738728	7614507	1.67	cps
Rhodium	103-2	2375551	2898710	3060908	2778389	12.89	cps
Scandium	45-1	5914382	5876867	6009551	5933600	1.15	cps
Scandium	45-2	143232	172914	180035	165394	11.80	cps
Selenium	82-1	19	175	334	176	89.57	cps
Selenium	77-2	47	37	37	40	14.43	cps
Selenium	78-2	135	126	147	136	7.75	cps
Silicon	28-1	13987120	13916250	13670464	13857945	1.20	cps
Silver	107-1	3184	2984	3034	3067	3.40	cps
Silver	109-1	3109	2842	3142	3031	5.43	cps
Sodium	23-2	102200	103148	100982	102110	1.06	cps
Strontium	86-1	122762	124966	127798	125175	2.02	cps
Strontium	88-1	999705	1025675	1037308	1020896	1.89	cps
Sulfur	34-1	312128	316070	315065	314421	0.65	cps
Terbium	159-1	9804225	9593834	9838876	9745645	1.36	cps
Terbium	159-2	3020666	3635460	3733455	3463194	11.16	cps
Thallium	203-1	1000	1200	1075	1092	9.26	cps
Thallium	205-1	2250	2467	2609	2442	7.39	cps
Tin	118-1	13499	13315	12973	13262	2.01	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-05	Instrumnet Name :	P8
Client Sample ID :	YB6X6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:39:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	371160	374420	367784	371121	0.89	cps
Uranium	238-1	10772	10513	11505	10930	4.71	cps
Vanadium	51-2	78327	78199	77666	78064	0.45	cps
Ytterbium	172-1	4893	5026	4759	4893	2.73	cps
Ytterbium	172-2	2289	2011	1906	2069	9.57	cps
Ytterbium	176-1	3842	4543	3976	4120	9.02	cps
Ytterbium	176-2	4907	5985	5940	5611	10.87	cps
Yttrium	89-1	12508564	12978373	12863606	12783514	1.92	cps
Yttrium	89-2	1157163	1375322	1432748	1321744	11.00	cps
Zinc	66-2	91404	94155	94883	93481	1.96	cps
Zirconium	90-1	12923	13699	13690	13437	3.32	cps
Zirconium	91-1	3200	3217	3084	3167	2.29	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-06	Instrumnet Name :	P8
Client Sample ID :	YB6X7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:42:23	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883294	883757	883941	883664	0.04	cps
Antimony	121-1	6210	6102	5760	6024	3.90	cps
Arsenic	75-2	37445	37716	36639	37267	1.50	cps
Barium	135-1	189831	184262	183696	185930	1.82	cps
Barium	137-1	326771	321545	324066	324128	0.81	cps
Beryllium	9-1	764	676	886	775	13.60	cps
Bismuth	209-1	5842275	5710505	5676243	5743008	1.53	cps
Bismuth	209-2	2535777	2646234	2569538	2583850	2.19	cps
Boron	10-1	1804	1866	1834	1834	1.69	cps
Boron	11-1	8309	8287	8589	8395	2.01	cps
Bromine	81-1	40381	39437	40199	40006	1.25	cps
Cadmium	111-1	3005	2765	2604	2791	7.23	cps
Cadmium	106-1	3559	3326	3225	3370	5.08	cps
Cadmium	108-1	254	221	250	242	7.51	cps
Calcium	43-1	183467	183089	184231	183596	0.32	cps
Calcium	44-1	2964387	2990998	2857252	2937545	2.41	cps
Carbon	12-1	7326951	7426613	7409230	7387598	0.72	cps
Carbon	12-2	80597	78981	79508	79695	1.03	cps
Chlorine	35-1	41320381	45343073	47976450	44879968	7.47	cps
Chlorine	35-2	426831	430901	440893	432875	1.67	cps
Chromium	52-2	42907	43436	42791	43045	0.80	cps
Cobalt	59-2	52149	51958	51707	51938	0.43	cps
Copper	63-2	125690	125962	125961	125871	0.12	cps
Dysprosium	156-1	11722	12089	12389	12067	2.77	cps
Dysprosium	156-2	4871	4781	4698	4783	1.81	cps
Erbium	164-1	11964	12106	12089	12053	0.64	cps
Erbium	164-2	4324	4531	4481	4445	2.43	cps
Gadolinium	160-1	12690	12481	12306	12492	1.54	cps
Gadolinium	160-2	5528	5428	5241	5399	2.70	cps
Holmium	165-1	9515853	9411667	9035821	9321114	2.71	cps
Holmium	165-2	3784075	3715527	3740538	3746713	0.93	cps
Indium	115-1	8194169	8234330	7910665	8113054	2.17	cps
Indium	115-2	1280668	1294101	1293492	1289420	0.59	cps
Iron	54-2	3011737	3068052	3031715	3037168	0.94	cps
Iron	56-2	54999678	53245121	55447422	54564073	2.13	cps
Iron	57-2	1393203	1336696	1386976	1372292	2.26	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-06	Instrumnet Name :	P8
Client Sample ID :	YB6X7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:42:23	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4324	4398	4355	4359	0.85	cps
Lead	206-1	191368	184392	187972	187911	1.86	cps
Lead	207-1	155933	158618	156626	157059	0.89	cps
Lead	208-1	730791	729716	733525	731344	0.27	cps
Lithium	6-1	3818791	4008888	3812030	3879903	2.88	cps
Magnesium	24-2	1909848	1908266	1767089	1861734	4.40	cps
Manganese	55-2	1109229	1084739	1086940	1093636	1.24	cps
Molybdenum	94-1	9612	9454	8936	9334	3.78	cps
Molybdenum	95-1	7736	7711	7936	7794	1.58	cps
Molybdenum	96-1	12256	12915	12506	12559	2.65	cps
Molybdenum	97-1	4826	4751	4334	4637	5.71	cps
Molybdenum	98-1	12322	11847	12072	12081	1.97	cps
Neodymium	150-1	17345	16991	16577	16971	2.26	cps
Neodymium	150-2	5258	5468	5278	5334	2.17	cps
Nickel	60-2	19557	18973	19193	19241	1.53	cps
Phosphorus	31-2	4534	4317	4251	4367	3.39	cps
Potassium	39-2	149959	151400	152905	151421	0.97	cps
Rhodium	103-1	7520604	7680209	7486510	7562441	1.37	cps
Rhodium	103-2	3096159	3024607	3026480	3049082	1.34	cps
Scandium	45-1	5837401	5827086	5710345	5791611	1.22	cps
Scandium	45-2	182013	181728	181948	181897	0.08	cps
Selenium	82-1	89	99	13	67	70.75	cps
Selenium	77-2	20	30	27	26	19.92	cps
Selenium	78-2	132	138	125	132	4.94	cps
Silicon	28-1	14110537	13937350	13782077	13943321	1.18	cps
Silver	107-1	2117	2125	1942	2061	5.02	cps
Silver	109-1	2042	2092	2034	2056	1.53	cps
Sodium	23-2	90505	92468	87161	90045	2.98	cps
Strontium	86-1	71115	70764	70663	70847	0.33	cps
Strontium	88-1	552003	549349	564767	555373	1.48	cps
Sulfur	34-1	204983	204672	203446	204367	0.40	cps
Terbium	159-1	9773762	9825385	9512038	9703729	1.73	cps
Terbium	159-2	3798676	3765043	3823567	3795762	0.77	cps
Thallium	203-1	1050	900	1108	1020	10.54	cps
Thallium	205-1	2525	2642	2200	2456	9.32	cps
Tin	118-1	25182	25658	25474	25438	0.94	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-06	Instrumnet Name :	P8
Client Sample ID :	YB6X7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:42:23	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283780	289533	281037	284783	1.52	cps
Uranium	238-1	6235	6710	6560	6502	3.74	cps
Vanadium	51-2	62459	62527	62827	62604	0.31	cps
Ytterbium	172-1	3726	4001	3792	3840	3.74	cps
Ytterbium	172-2	1556	1667	1650	1624	3.69	cps
Ytterbium	176-1	3484	3326	3459	3423	2.49	cps
Ytterbium	176-2	5579	5707	5762	5683	1.66	cps
Yttrium	89-1	12937272	12887010	12882125	12902136	0.24	cps
Yttrium	89-2	1463749	1409996	1406821	1426855	2.24	cps
Zinc	66-2	125203	123010	124042	124085	0.88	cps
Zirconium	90-1	13665	13482	13649	13599	0.75	cps
Zirconium	91-1	3009	2967	2892	2956	2.00	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:45:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1667744	1659621	1688724	1672030	0.90	cps
Antimony	121-1	6602	6577	6585	6588	0.19	cps
Arsenic	75-2	337236	333373	342068	337559	1.29	cps
Barium	135-1	415658	399611	406656	407308	1.97	cps
Barium	137-1	714896	696749	700018	703888	1.37	cps
Beryllium	9-1	2196	2086	2272	2184	4.28	cps
Bismuth	209-1	5542265	6360793	5527255	5810105	8.21	cps
Bismuth	209-2	2550357	2593999	1958228	2367528	15.00	cps
Boron	10-1	1618	1666	1678	1654	1.92	cps
Boron	11-1	6940	7112	7114	7056	1.42	cps
Bromine	81-1	39597	39879	40159	39878	0.70	cps
Cadmium	111-1	3328	3748	3316	3464	7.10	cps
Cadmium	106-1	3409	3926	3551	3628	7.36	cps
Cadmium	108-1	208	263	213	228	13.23	cps
Calcium	43-1	242187	238680	240431	240433	0.73	cps
Calcium	44-1	3816616	3748178	3812343	3792379	1.01	cps
Carbon	12-1	5211632	5443150	5360368	5338383	2.20	cps
Carbon	12-2	61111	60090	58953	60051	1.80	cps
Chlorine	35-1	42209354	45980560	48603534	45597816	7.05	cps
Chlorine	35-2	435308	440272	451324	442301	1.85	cps
Chromium	52-2	91206	91363	90867	91145	0.28	cps
Cobalt	59-2	130516	129608	133342	131155	1.48	cps
Copper	63-2	402751	401320	410634	404901	1.24	cps
Dysprosium	156-1	27337	27387	27153	27292	0.45	cps
Dysprosium	156-2	10844	10968	11088	10967	1.11	cps
Erbium	164-1	29450	28865	29325	29213	1.05	cps
Erbium	164-2	11028	10768	11538	11111	3.53	cps
Gadolinium	160-1	29133	27395	28773	28434	3.23	cps
Gadolinium	160-2	12616	12356	12666	12546	1.33	cps
Holmium	165-1	8796175	10284585	9248931	9443231	8.08	cps
Holmium	165-2	3726204	3768799	2827855	3440953	15.44	cps
Indium	115-1	8041684	8922605	7729980	8231423	7.51	cps
Indium	115-2	1248068	1261132	942950	1150716	15.65	cps
Iron	54-2	7573524	7688811	7757548	7673294	1.21	cps
Iron	56-2	138502667	140463653	137235217	138733846	1.17	cps
Iron	57-2	3485683	3598802	3573704	3552729	1.67	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:45:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4459	4400	4245	4368	2.53	cps
Lead	206-1	844030	840659	833229	839306	0.66	cps
Lead	207-1	684967	695081	694752	691600	0.83	cps
Lead	208-1	3287390	3342809	3273612	3301270	1.11	cps
Lithium	6-1	3886264	4251570	3780333	3972722	6.22	cps
Magnesium	24-2	2703230	2707472	2751603	2720768	0.98	cps
Manganese	55-2	1595407	1616735	1614331	1608824	0.73	cps
Molybdenum	94-1	19748	20683	19431	19954	3.26	cps
Molybdenum	95-1	13198	13140	13273	13204	0.51	cps
Molybdenum	96-1	24581	25741	25090	25137	2.31	cps
Molybdenum	97-1	8545	8703	8586	8611	0.95	cps
Molybdenum	98-1	21525	21459	21542	21509	0.21	cps
Neodymium	150-1	38964	39840	38609	39138	1.62	cps
Neodymium	150-2	12149	11959	12579	12229	2.60	cps
Nickel	60-2	41109	40541	40842	40831	0.70	cps
Phosphorus	31-2	5760	5618	5476	5618	2.52	cps
Potassium	39-2	323666	326155	331024	326949	1.14	cps
Rhodium	103-1	7497019	8240561	7311125	7682902	6.40	cps
Rhodium	103-2	2971504	3054187	2338112	2787934	14.05	cps
Scandium	45-1	5817317	6500218	5694107	6003881	7.23	cps
Scandium	45-2	184272	184517	138863	169217	15.53	cps
Selenium	82-1	314	143	448	301	50.75	cps
Selenium	77-2	73	60	47	60	22.22	cps
Selenium	78-2	205	197	165	189	11.20	cps
Silicon	28-1	20601022	20581530	20432958	20538503	0.45	cps
Silver	107-1	6418	6560	6502	6493	1.10	cps
Silver	109-1	6001	6377	6418	6266	3.66	cps
Sodium	23-2	91371	87966	88109	89149	2.16	cps
Strontium	86-1	224383	217594	226278	222752	2.05	cps
Strontium	88-1	1879223	1852495	1821170	1850962	1.57	cps
Sulfur	34-1	295717	292066	292953	293579	0.65	cps
Terbium	159-1	9496752	10673568	9524731	9898350	6.78	cps
Terbium	159-2	3724002	3826961	2854495	3468486	15.40	cps
Thallium	203-1	1525	1700	1517	1581	6.55	cps
Thallium	205-1	3876	3634	3609	3706	3.98	cps
Tin	118-1	14299	13549	14191	14013	2.90	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:45:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	728620	730166	733522	730770	0.34	cps
Uranium	238-1	21277	21402	21669	21449	0.93	cps
Vanadium	51-2	234722	236312	237386	236140	0.57	cps
Ytterbium	172-1	10688	9929	10463	10360	3.76	cps
Ytterbium	172-2	4434	4601	4606	4547	2.15	cps
Ytterbium	176-1	7077	7936	8086	7700	7.07	cps
Ytterbium	176-2	7130	7536	6213	6959	9.74	cps
Yttrium	89-1	12916911	14654965	12339654	13303843	9.06	cps
Yttrium	89-2	1453748	1454540	1098056	1335448	15.39	cps
Zinc	66-2	88257	86053	88095	87468	1.40	cps
Zirconium	90-1	34059	31528	33449	33012	4.00	cps
Zirconium	91-1	7744	7627	8262	7878	4.29	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-08	Instrumnet Name :	P8
Client Sample ID :	YB6X9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:48:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2205592	2205996	2193609	2201732	0.32	cps
Antimony	121-1	5393	5335	5260	5329	1.25	cps
Arsenic	75-2	52542	52819	51745	52369	1.06	cps
Barium	135-1	540000	546219	546952	544390	0.70	cps
Barium	137-1	933099	948586	922067	934584	1.43	cps
Beryllium	9-1	3880	4208	4174	4087	4.41	cps
Bismuth	209-1	5427656	5409049	5506381	5447695	0.95	cps
Bismuth	209-2	2454935	2222576	2448214	2375241	5.57	cps
Boron	10-1	2200	2156	2178	2178	1.01	cps
Boron	11-1	9519	9673	9709	9634	1.05	cps
Bromine	81-1	39466	40811	38764	39681	2.62	cps
Cadmium	111-1	3232	3200	3630	3354	7.14	cps
Cadmium	106-1	3576	3467	3967	3670	7.17	cps
Cadmium	108-1	179	258	258	232	19.71	cps
Calcium	43-1	252667	252400	250671	251913	0.43	cps
Calcium	44-1	3953761	3995391	3962660	3970604	0.55	cps
Carbon	12-1	10557065	10823211	10826529	10735602	1.44	cps
Carbon	12-2	119057	120945	119577	119860	0.81	cps
Chlorine	35-1	38687041	42471474	44174292	41777602	6.72	cps
Chlorine	35-2	404907	403047	408481	405478	0.68	cps
Chromium	52-2	54155	52801	54259	53738	1.51	cps
Cobalt	59-2	153021	152071	147967	151020	1.78	cps
Copper	63-2	449541	450400	436431	445458	1.76	cps
Dysprosium	156-1	50747	50889	52488	51375	1.88	cps
Dysprosium	156-2	20065	20022	20012	20033	0.14	cps
Erbium	164-1	52270	51618	52203	52030	0.69	cps
Erbium	164-2	20145	19595	19588	19776	1.62	cps
Gadolinium	160-1	51601	51057	51140	51266	0.57	cps
Gadolinium	160-2	22726	22345	22035	22369	1.55	cps
Holmium	165-1	8993296	8785087	8840871	8873085	1.21	cps
Holmium	165-2	3679655	3386751	3674502	3580303	4.68	cps
Indium	115-1	7926917	7826258	7684070	7812415	1.56	cps
Indium	115-2	1241673	1141648	1204071	1195797	4.23	cps
Iron	54-2	10359474	10241322	9899959	10166918	2.35	cps
Iron	56-2	188495376	187813376	179900182	185402978	2.58	cps
Iron	57-2	4673325	4705900	4507101	4628775	2.30	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-08	Instrumnet Name :	P8
Client Sample ID :	YB6X9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:48:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4388	4228	4408	4341	2.27	cps
Lead	206-1	613571	607617	618777	613322	0.91	cps
Lead	207-1	525132	512599	512760	516830	1.39	cps
Lead	208-1	2398258	2368526	2381136	2382640	0.63	cps
Lithium	6-1	3914831	3902519	3822505	3879951	1.29	cps
Magnesium	24-2	2542033	2593268	2530950	2555417	1.30	cps
Manganese	55-2	2892484	2823475	2727261	2814407	2.95	cps
Molybdenum	94-1	25182	25424	24480	25029	1.96	cps
Molybdenum	95-1	8611	8645	8811	8689	1.23	cps
Molybdenum	96-1	23788	22953	23654	23465	1.91	cps
Molybdenum	97-1	5259	5001	4784	5015	4.74	cps
Molybdenum	98-1	12323	12740	12923	12662	2.43	cps
Neodymium	150-1	73031	72952	72347	72777	0.51	cps
Neodymium	150-2	22602	22319	22042	22321	1.26	cps
Nickel	60-2	22284	22034	21727	22015	1.27	cps
Phosphorus	31-2	9679	9245	9487	9470	2.29	cps
Potassium	39-2	786253	805724	779441	790472	1.73	cps
Rhodium	103-1	7292520	7283055	7346709	7307428	0.47	cps
Rhodium	103-2	3008277	2695450	2954036	2885921	5.79	cps
Scandium	45-1	5836292	5802090	5878214	5838866	0.65	cps
Scandium	45-2	184881	170295	178758	177978	4.12	cps
Selenium	82-1	54	298	135	162	76.57	cps
Selenium	77-2	140	173	110	141	22.45	cps
Selenium	78-2	200	161	152	171	14.92	cps
Silicon	28-1	17797681	17772656	17990411	17853582	0.67	cps
Silver	107-1	4067	4334	4267	4223	3.29	cps
Silver	109-1	4142	3817	3984	3981	4.08	cps
Sodium	23-2	51876	51399	51291	51522	0.60	cps
Strontium	86-1	193213	195808	190619	193214	1.34	cps
Strontium	88-1	1605515	1600227	1590125	1598622	0.49	cps
Sulfur	34-1	223183	228158	228786	226709	1.35	cps
Terbium	159-1	9525402	9255989	9606236	9462543	1.94	cps
Terbium	159-2	3653636	3416478	3684786	3584967	4.09	cps
Thallium	203-1	1875	1633	1759	1756	6.89	cps
Thallium	205-1	3517	3567	3951	3678	6.45	cps
Tin	118-1	16978	16944	16919	16947	0.17	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-08	Instrumnet Name :	P8
Client Sample ID :	YB6X9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:48:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1693150	1731237	1692469	1705619	1.30	cps
Uranium	238-1	31799	32392	31607	31933	1.28	cps
Vanadium	51-2	394936	393091	388390	392139	0.86	cps
Ytterbium	172-1	18539	17871	18856	18422	2.73	cps
Ytterbium	172-2	7975	8208	8219	8134	1.70	cps
Ytterbium	176-1	12665	12731	11989	12462	3.30	cps
Ytterbium	176-2	9142	9226	9465	9277	1.80	cps
Yttrium	89-1	12953341	13096644	13041793	13030593	0.55	cps
Yttrium	89-2	1438570	1352699	1415320	1402196	3.17	cps
Zinc	66-2	100296	100985	99795	100359	0.60	cps
Zirconium	90-1	53218	53897	53060	53392	0.83	cps
Zirconium	91-1	11914	11647	12006	11855	1.57	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-09	Instrumnet Name :	P8
Client Sample ID :	YB6Y0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:51:12	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1337025	1353102	1352268	1347465	0.67	cps
Antimony	121-1	2567	2975	3159	2900	10.45	cps
Arsenic	75-2	28903	29047	28653	28868	0.69	cps
Barium	135-1	326014	325986	317438	323146	1.53	cps
Barium	137-1	550536	558903	561086	556842	1.00	cps
Beryllium	9-1	2670	2674	2702	2682	0.65	cps
Bismuth	209-1	5502707	5574084	5509352	5528714	0.71	cps
Bismuth	209-2	2445800	2513241	2475060	2478034	1.36	cps
Boron	10-1	1532	1598	1536	1555	2.38	cps
Boron	11-1	6620	7012	7026	6886	3.35	cps
Bromine	81-1	38915	37238	38302	38152	2.22	cps
Cadmium	111-1	2644	3233	2835	2904	10.34	cps
Cadmium	106-1	3217	3951	3367	3512	11.04	cps
Cadmium	108-1	196	154	163	171	12.91	cps
Calcium	43-1	126251	125286	125109	125548	0.49	cps
Calcium	44-1	2019984	2039248	2014343	2024525	0.65	cps
Carbon	12-1	6188942	6139509	6268853	6199101	1.05	cps
Carbon	12-2	69281	69490	70754	69841	1.14	cps
Chlorine	35-1	43285536	48489042	49626128	47133569	7.17	cps
Chlorine	35-2	449712	465318	467618	460882	2.11	cps
Chromium	52-2	113890	115183	115307	114794	0.68	cps
Cobalt	59-2	94214	97031	94136	95127	1.73	cps
Copper	63-2	271934	280618	272910	275154	1.73	cps
Dysprosium	156-1	33484	31713	33201	32799	2.90	cps
Dysprosium	156-2	12599	12933	12129	12554	3.22	cps
Erbium	164-1	33534	33794	33468	33599	0.51	cps
Erbium	164-2	12886	12990	12172	12683	3.51	cps
Gadolinium	160-1	33042	33083	32524	32883	0.95	cps
Gadolinium	160-2	14017	14718	13917	14218	3.07	cps
Holmium	165-1	8967557	8815421	8695028	8826002	1.55	cps
Holmium	165-2	3737767	3622172	3648438	3669459	1.65	cps
Indium	115-1	7816374	7853682	7529547	7733201	2.29	cps
Indium	115-2	1216882	1200121	1196275	1204426	0.91	cps
Iron	54-2	6290930	6099991	6251791	6214237	1.62	cps
Iron	56-2	114910636	114681919	110770377	113454311	2.05	cps
Iron	57-2	2869552	2932247	2830312	2877370	1.79	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-09	Instrumnet Name :	P8
Client Sample ID :	YB6Y0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:51:12	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4184	4221	4335	4247	1.85	cps
Lead	206-1	1379389	1362160	1353927	1365159	0.95	cps
Lead	207-1	1128964	1148435	1114013	1130471	1.53	cps
Lead	208-1	5357247	5402795	5378218	5379420	0.42	cps
Lithium	6-1	3874975	3898387	3646252	3806538	3.66	cps
Magnesium	24-2	1422789	1421073	1432947	1425603	0.45	cps
Manganese	55-2	1729676	1672802	1655034	1685837	2.31	cps
Molybdenum	94-1	13282	12790	11422	12498	7.71	cps
Molybdenum	95-1	3742	3626	3526	3631	2.99	cps
Molybdenum	96-1	12047	12606	11780	12145	3.47	cps
Molybdenum	97-1	2167	2342	2217	2242	4.02	cps
Molybdenum	98-1	5293	4984	5710	5329	6.83	cps
Neodymium	150-1	47083	46902	48039	47341	1.29	cps
Neodymium	150-2	14478	14762	14371	14537	1.39	cps
Nickel	60-2	13360	13573	13200	13377	1.40	cps
Phosphorus	31-2	6935	6885	6710	6843	1.73	cps
Potassium	39-2	445185	448167	446839	446730	0.33	cps
Rhodium	103-1	7170570	7050760	7046772	7089368	0.99	cps
Rhodium	103-2	2841895	2924106	2860483	2875495	1.50	cps
Scandium	45-1	5634417	5726457	5590671	5650515	1.23	cps
Scandium	45-2	175939	178435	177687	177354	0.72	cps
Selenium	82-1	95	171	-243	8	2780.69	cps
Selenium	77-2	63	60	90	71	23.12	cps
Selenium	78-2	148	138	164	150	8.75	cps
Silicon	28-1	17183301	17144026	17434709	17254012	0.91	cps
Silver	107-1	2392	2325	2509	2409	3.85	cps
Silver	109-1	2484	1909	2009	2134	14.40	cps
Sodium	23-2	44084	43942	43741	43922	0.39	cps
Strontium	86-1	101207	99538	99076	99940	1.12	cps
Strontium	88-1	797725	818305	792539	802857	1.70	cps
Sulfur	34-1	183982	182684	182724	183130	0.40	cps
Terbium	159-1	9537605	9161374	9268410	9322463	2.08	cps
Terbium	159-2	3689038	3660552	3530385	3626659	2.33	cps
Thallium	203-1	1308	1333	1117	1253	9.46	cps
Thallium	205-1	3017	3167	2842	3009	5.41	cps
Tin	118-1	13015	12623	13540	13059	3.53	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-09	Instrumnet Name :	P8
Client Sample ID :	YB6Y0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:51:12	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1217673	1214968	1232554	1221732	0.78	cps
Uranium	238-1	20817	21218	20225	20754	2.41	cps
Vanadium	51-2	253500	254183	253573	253752	0.15	cps
Ytterbium	172-1	11756	11872	11606	11745	1.14	cps
Ytterbium	172-2	4745	5162	4851	4920	4.41	cps
Ytterbium	176-1	8528	8520	8370	8472	1.05	cps
Ytterbium	176-2	7652	7575	7936	7721	2.46	cps
Yttrium	89-1	12482298	12404833	12401231	12429454	0.37	cps
Yttrium	89-2	1392530	1395042	1416716	1401429	0.95	cps
Zinc	66-2	81778	80682	81359	81273	0.68	cps
Zirconium	90-1	27478	27820	27378	27558	0.84	cps
Zirconium	91-1	6652	6252	6193	6366	3.92	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-10	Instrumnet Name :	P8
Client Sample ID :	YB6Y1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:54:08	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635460	1671191	1694716	1667122	1.79	cps
Antimony	121-1	2300	2384	2425	2370	2.69	cps
Arsenic	75-2	27017	27327	26391	26912	1.77	cps
Barium	135-1	401276	391511	394519	395768	1.26	cps
Barium	137-1	681542	683982	688001	684508	0.48	cps
Beryllium	9-1	3404	3370	3280	3351	1.91	cps
Bismuth	209-1	5650230	5302785	5255526	5402847	3.99	cps
Bismuth	209-2	2385958	2499599	2460304	2448620	2.36	cps
Boron	10-1	1376	1514	1546	1478	6.11	cps
Boron	11-1	6144	6414	6328	6295	2.19	cps
Bromine	81-1	36636	40350	38483	38490	4.82	cps
Cadmium	111-1	3090	2956	2820	2956	4.57	cps
Cadmium	106-1	3792	3451	3284	3509	7.39	cps
Cadmium	108-1	133	121	142	132	7.95	cps
Calcium	43-1	120057	119392	119029	119493	0.44	cps
Calcium	44-1	1981838	1944255	1943042	1956378	1.13	cps
Carbon	12-1	5684820	5737538	5712533	5711630	0.46	cps
Carbon	12-2	65815	65747	65446	65669	0.30	cps
Chlorine	35-1	41953495	45110199	47056628	44706774	5.76	cps
Chlorine	35-2	430918	433149	437400	433822	0.76	cps
Chromium	52-2	98899	97121	96322	97447	1.35	cps
Cobalt	59-2	116123	115266	112696	114695	1.56	cps
Copper	63-2	343817	341834	332265	339305	1.82	cps
Dysprosium	156-1	42435	42284	42460	42393	0.23	cps
Dysprosium	156-2	16177	16323	16337	16279	0.55	cps
Erbium	164-1	44024	43806	43806	43879	0.29	cps
Erbium	164-2	16550	16410	16173	16378	1.16	cps
Gadolinium	160-1	42117	42242	40119	41493	2.87	cps
Gadolinium	160-2	18256	18429	17972	18219	1.27	cps
Holmium	165-1	9112441	8586393	8811098	8836644	2.99	cps
Holmium	165-2	3410893	3565612	3644134	3540213	3.35	cps
Indium	115-1	7665913	7453108	7530126	7549716	1.43	cps
Indium	115-2	1145794	1191105	1198089	1178329	2.41	cps
Iron	54-2	7891083	7734336	7729486	7784969	1.18	cps
Iron	56-2	145878759	138422025	140206770	141502518	2.75	cps
Iron	57-2	3744707	3552101	3634140	3643649	2.65	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-10	Instrumnet Name :	P8
Client Sample ID :	YB6Y1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:54:08	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4165	4211	4120	4166	1.10	cps
Lead	206-1	1053856	1026229	1039696	1039927	1.33	cps
Lead	207-1	884597	852603	860759	865987	1.92	cps
Lead	208-1	4202511	4001596	4062602	4088903	2.52	cps
Lithium	6-1	3738693	3724013	3729637	3730781	0.20	cps
Magnesium	24-2	1768394	1736796	1701910	1735700	1.92	cps
Manganese	55-2	2217830	2181414	2165188	2188144	1.23	cps
Molybdenum	94-1	13799	13565	14224	13863	2.41	cps
Molybdenum	95-1	3684	3276	3409	3456	6.03	cps
Molybdenum	96-1	13574	14667	14792	14344	4.67	cps
Molybdenum	97-1	2100	2009	2234	2114	5.35	cps
Molybdenum	98-1	4959	4584	4818	4787	3.96	cps
Neodymium	150-1	59800	59786	61173	60253	1.32	cps
Neodymium	150-2	18793	18586	18276	18552	1.40	cps
Nickel	60-2	14007	13783	13513	13768	1.80	cps
Phosphorus	31-2	8386	7469	6935	7597	9.66	cps
Potassium	39-2	479784	484592	486731	483702	0.74	cps
Rhodium	103-1	7224588	7082613	7114842	7140681	1.04	cps
Rhodium	103-2	2710764	2938231	2774387	2807794	4.18	cps
Scandium	45-1	5807970	5463587	5443026	5571528	3.68	cps
Scandium	45-2	169334	178449	180209	175997	3.32	cps
Selenium	82-1	85	184	234	168	45.19	cps
Selenium	77-2	87	110	73	90	20.62	cps
Selenium	78-2	142	148	147	146	2.21	cps
Silicon	28-1	20554957	20495490	20578205	20542884	0.21	cps
Silver	107-1	2267	2675	2650	2531	9.05	cps
Silver	109-1	2009	1984	1925	1972	2.17	cps
Sodium	23-2	40992	40340	39412	40248	1.97	cps
Strontium	86-1	112049	109696	110225	110657	1.12	cps
Strontium	88-1	921163	916522	923915	920533	0.41	cps
Sulfur	34-1	177013	176397	176685	176698	0.17	cps
Terbium	159-1	9466399	9037856	8934519	9146258	3.08	cps
Terbium	159-2	3449380	3724459	3677450	3617096	4.07	cps
Thallium	203-1	1192	1158	1233	1195	3.15	cps
Thallium	205-1	2934	3317	3259	3170	6.52	cps
Tin	118-1	12573	12306	12948	12609	2.56	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-10	Instrumnet Name :	P8
Client Sample ID :	YB6Y1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:54:08	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1433925	1456790	1431741	1440819	0.96	cps
Uranium	238-1	26019	25635	25276	25643	1.45	cps
Vanadium	51-2	325361	319603	316948	320637	1.34	cps
Ytterbium	172-1	15710	15735	16269	15904	1.99	cps
Ytterbium	172-2	6713	6752	7046	6837	2.67	cps
Ytterbium	176-1	10913	10379	10054	10449	4.15	cps
Ytterbium	176-2	8247	8603	8642	8497	2.56	cps
Yttrium	89-1	12806009	12254935	12500127	12520357	2.21	cps
Yttrium	89-2	1330315	1389041	1402840	1374065	2.80	cps
Zinc	66-2	67500	66928	66342	66923	0.87	cps
Zirconium	90-1	31135	31770	31979	31628	1.39	cps
Zirconium	91-1	6985	7227	7327	7180	2.45	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-11	Instrumnet Name :	P8
Client Sample ID :	YB6Y2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:57:03	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2052100	1932663	1962503	1982422	3.14	cps
Antimony	121-1	3000	3342	3209	3184	5.41	cps
Arsenic	75-2	12688	12481	12182	12450	2.04	cps
Barium	135-1	562350	567925	564262	564846	0.50	cps
Barium	137-1	977201	984703	977278	979727	0.44	cps
Beryllium	9-1	3920	4256	4282	4152	4.86	cps
Bismuth	209-1	5645343	5388254	5322916	5452171	3.13	cps
Bismuth	209-2	2461282	2473601	2430312	2455065	0.91	cps
Boron	10-1	2652	2774	2644	2690	2.71	cps
Boron	11-1	11672	11830	12541	12015	3.85	cps
Bromine	81-1	35903	37188	37058	36717	1.93	cps
Cadmium	111-1	2862	2970	3037	2956	2.98	cps
Cadmium	106-1	3326	3392	3434	3384	1.62	cps
Cadmium	108-1	183	167	179	176	4.92	cps
Calcium	43-1	262002	257514	257359	258958	1.02	cps
Calcium	44-1	4132127	4040138	4186590	4119618	1.80	cps
Carbon	12-1	9745386	10014777	10032624	9930929	1.62	cps
Carbon	12-2	113512	115426	110657	113198	2.12	cps
Chlorine	35-1	39629672	42416972	44515272	42187305	5.81	cps
Chlorine	35-2	407915	410321	413024	410420	0.62	cps
Chromium	52-2	48603	47479	47746	47942	1.22	cps
Cobalt	59-2	142927	144071	140450	142483	1.30	cps
Copper	63-2	358833	359329	351474	356545	1.23	cps
Dysprosium	156-1	44717	44525	43572	44271	1.39	cps
Dysprosium	156-2	17008	16924	16707	16880	0.92	cps
Erbium	164-1	45453	44132	43940	44509	1.85	cps
Erbium	164-2	17882	17018	16607	17169	3.79	cps
Gadolinium	160-1	43573	44500	42728	43600	2.03	cps
Gadolinium	160-2	19952	18259	18737	18983	4.60	cps
Holmium	165-1	8877896	9008960	8643406	8843421	2.09	cps
Holmium	165-2	3650581	3539216	3610959	3600252	1.57	cps
Indium	115-1	7566737	7647406	7435312	7549818	1.42	cps
Indium	115-2	1197483	1178307	1194533	1190108	0.87	cps
Iron	54-2	9103484	8977232	8883107	8987941	1.23	cps
Iron	56-2	166798843	158045692	161637226	162160587	2.71	cps
Iron	57-2	4173157	4030779	3984322	4062753	2.42	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-11	Instrumnet Name :	P8
Client Sample ID :	YB6Y2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:57:03	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4093	4251	3863	4069	4.80	cps
Lead	206-1	284766	283927	277454	282049	1.42	cps
Lead	207-1	235920	238648	235836	236801	0.68	cps
Lead	208-1	1104451	1104235	1082230	1096972	1.16	cps
Lithium	6-1	3909520	3826490	3795263	3843758	1.54	cps
Magnesium	24-2	2009919	1970169	1945669	1975253	1.64	cps
Manganese	55-2	3258099	3159752	3133147	3183666	2.07	cps
Molybdenum	94-1	17979	19072	18279	18443	3.06	cps
Molybdenum	95-1	3751	3434	3726	3637	4.84	cps
Molybdenum	96-1	16010	15150	16343	15835	3.89	cps
Molybdenum	97-1	2309	2334	2375	2339	1.44	cps
Molybdenum	98-1	4934	5093	5026	5018	1.58	cps
Neodymium	150-1	60564	62325	63523	62137	2.40	cps
Neodymium	150-2	19074	19608	18964	19215	1.79	cps
Nickel	60-2	13934	14414	14044	14130	1.78	cps
Phosphorus	31-2	10454	9737	9028	9740	7.32	cps
Potassium	39-2	758197	751169	755921	755096	0.47	cps
Rhodium	103-1	7153010	7230783	6979833	7121209	1.80	cps
Rhodium	103-2	2800641	2875501	2823412	2833185	1.35	cps
Scandium	45-1	5712787	5662304	5518701	5631264	1.79	cps
Scandium	45-2	178994	177486	176516	177665	0.70	cps
Selenium	82-1	-19	74	248	101	134.07	cps
Selenium	77-2	63	80	110	84	28.01	cps
Selenium	78-2	153	174	122	150	17.48	cps
Silicon	28-1	18263587	18211371	18242567	18239175	0.14	cps
Silver	107-1	1984	2067	2242	2097	6.29	cps
Silver	109-1	1717	2217	1984	1972	12.69	cps
Sodium	23-2	45530	44293	43641	44488	2.16	cps
Strontium	86-1	156547	158348	156849	157248	0.61	cps
Strontium	88-1	1315119	1309656	1311508	1312094	0.21	cps
Sulfur	34-1	187451	188160	191012	188874	1.00	cps
Terbium	159-1	9514994	9469390	8961428	9315271	3.30	cps
Terbium	159-2	3610186	3587868	3510275	3569443	1.47	cps
Thallium	203-1	1775	1367	1458	1533	13.97	cps
Thallium	205-1	3976	3117	3734	3609	12.27	cps
Tin	118-1	12389	13232	12698	12773	3.34	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-11	Instrumnet Name :	P8
Client Sample ID :	YB6Y2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 16:57:03	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1588923	1591127	1601006	1593686	0.40	cps
Uranium	238-1	30003	29368	30178	29850	1.43	cps
Vanadium	51-2	377045	374647	366364	372685	1.50	cps
Ytterbium	172-1	16411	16277	16686	16458	1.27	cps
Ytterbium	172-2	6785	6907	7163	6952	2.77	cps
Ytterbium	176-1	11614	11280	11222	11372	1.86	cps
Ytterbium	176-2	8742	9164	8492	8799	3.86	cps
Yttrium	89-1	13019622	13047829	12521606	12863019	2.30	cps
Yttrium	89-2	1420997	1363254	1376270	1386840	2.18	cps
Zinc	66-2	53230	52735	51580	52515	1.61	cps
Zirconium	90-1	44748	44380	44438	44522	0.44	cps
Zirconium	91-1	9545	10004	10329	9959	3.95	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-12	Instrumnet Name :	P8
Client Sample ID :	YB6Y3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:00:01	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2033258	1894856	1911628	1946581	3.88	cps
Antimony	121-1	3167	3042	2942	3050	3.70	cps
Arsenic	75-2	22948	22336	22181	22488	1.80	cps
Barium	135-1	566021	563104	558090	562405	0.71	cps
Barium	137-1	986908	991008	978635	985517	0.64	cps
Beryllium	9-1	4276	4376	4162	4271	2.51	cps
Bismuth	209-1	5448158	5303919	5399629	5383902	1.36	cps
Bismuth	209-2	2488256	2408810	2386300	2427789	2.21	cps
Boron	10-1	2462	2622	2536	2540	3.15	cps
Boron	11-1	10670	11236	11290	11065	3.11	cps
Bromine	81-1	37599	35663	35432	36231	3.29	cps
Cadmium	111-1	2805	2954	3267	3009	7.84	cps
Cadmium	106-1	3017	3384	3701	3367	10.16	cps
Cadmium	108-1	129	146	158	144	10.13	cps
Calcium	43-1	213983	208649	211840	211491	1.27	cps
Calcium	44-1	3361155	3386821	3378345	3375440	0.39	cps
Carbon	12-1	8698936	8829166	8766280	8764794	0.74	cps
Carbon	12-2	97558	99663	98119	98446	1.11	cps
Chlorine	35-1	37634948	40699518	42520293	40284919	6.13	cps
Chlorine	35-2	388680	392438	398227	393115	1.22	cps
Chromium	52-2	69461	69324	68490	69092	0.76	cps
Cobalt	59-2	146155	144701	143858	144904	0.80	cps
Copper	63-2	330369	332193	327944	330169	0.65	cps
Dysprosium	156-1	48748	48672	48121	48514	0.71	cps
Dysprosium	156-2	18843	18787	18666	18765	0.48	cps
Erbium	164-1	49753	48498	50814	49688	2.33	cps
Erbium	164-2	18677	18817	18503	18665	0.84	cps
Gadolinium	160-1	49677	48773	49066	49172	0.94	cps
Gadolinium	160-2	21150	21110	21003	21088	0.36	cps
Holmium	165-1	8733501	8737824	8687883	8719736	0.32	cps
Holmium	165-2	3661701	3619937	3573129	3618256	1.22	cps
Indium	115-1	7492724	7457588	7522490	7490934	0.43	cps
Indium	115-2	1169205	1184999	1185386	1179863	0.78	cps
Iron	54-2	8734893	8635742	8738478	8703038	0.67	cps
Iron	56-2	160237387	162041443	159222904	160500578	0.89	cps
Iron	57-2	4067857	3826632	4035363	3976618	3.29	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-12	Instrumnet Name :	P8
Client Sample ID :	YB6Y3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:00:01	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4054	4003	4178	4078	2.21	cps
Lead	206-1	381959	381284	370752	377998	1.66	cps
Lead	207-1	321106	320877	309080	317021	2.17	cps
Lead	208-1	1465872	1475449	1452111	1464477	0.80	cps
Lithium	6-1	3880577	3776066	3690209	3782284	2.52	cps
Magnesium	24-2	2029776	2030290	2021191	2027085	0.25	cps
Manganese	55-2	3172359	3149688	3069572	3130540	1.73	cps
Molybdenum	94-1	17987	17228	18037	17751	2.55	cps
Molybdenum	95-1	4901	4618	4651	4723	3.28	cps
Molybdenum	96-1	17070	17070	16368	16836	2.40	cps
Molybdenum	97-1	3125	2650	2975	2917	8.33	cps
Molybdenum	98-1	6643	6385	6818	6616	3.30	cps
Neodymium	150-1	71885	72133	68508	70842	2.86	cps
Neodymium	150-2	22315	22068	21167	21850	2.77	cps
Nickel	60-2	18015	17120	18038	17724	2.95	cps
Phosphorus	31-2	8136	8453	8536	8375	2.52	cps
Potassium	39-2	829545	837252	835255	834017	0.48	cps
Rhodium	103-1	6992789	6746682	6945447	6894973	1.89	cps
Rhodium	103-2	2856475	2892094	2833442	2860670	1.03	cps
Scandium	45-1	5529128	5462913	5370873	5454305	1.46	cps
Scandium	45-2	171731	172824	175699	173418	1.18	cps
Selenium	82-1	130	98	75	101	27.42	cps
Selenium	77-2	153	100	100	118	26.15	cps
Selenium	78-2	185	165	170	173	6.00	cps
Silicon	28-1	17690810	18005089	17805699	17833866	0.89	cps
Silver	107-1	2834	2717	2492	2681	6.48	cps
Silver	109-1	2692	2684	2275	2550	9.34	cps
Sodium	23-2	42312	41861	42972	42382	1.32	cps
Strontium	86-1	141985	141833	142205	142008	0.13	cps
Strontium	88-1	1207150	1176968	1175025	1186381	1.52	cps
Sulfur	34-1	195067	196597	198850	196838	0.97	cps
Terbium	159-1	8969914	9336117	9056623	9120885	2.10	cps
Terbium	159-2	3586481	3614073	3527465	3576007	1.24	cps
Thallium	203-1	1592	1717	1742	1683	4.77	cps
Thallium	205-1	3901	3951	3984	3945	1.06	cps
Tin	118-1	11856	11939	11780	11858	0.67	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-12	Instrumnet Name :	P8
Client Sample ID :	YB6Y3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:00:01	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1404151	1381511	1386610	1390758	0.85	cps
Uranium	238-1	32284	31715	31949	31983	0.89	cps
Vanadium	51-2	333530	328584	333227	331781	0.84	cps
Ytterbium	172-1	18171	17938	17120	17743	3.11	cps
Ytterbium	172-2	7597	7452	7680	7576	1.52	cps
Ytterbium	176-1	11789	12231	11972	11997	1.85	cps
Ytterbium	176-2	9609	9376	9153	9379	2.43	cps
Yttrium	89-1	12478022	12475571	12242583	12398726	1.09	cps
Yttrium	89-2	1407601	1391427	1390040	1396356	0.70	cps
Zinc	66-2	54033	53410	53253	53566	0.77	cps
Zirconium	90-1	40635	41002	40576	40738	0.57	cps
Zirconium	91-1	9036	8786	8895	8906	1.41	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-13	Instrumnet Name :	P8
Client Sample ID :	YB6Y4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:02:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1944711	1884325	1903880	1910972	1.61	cps
Antimony	121-1	1492	1350	1483	1442	5.51	cps
Arsenic	75-2	79321	77652	78255	78409	1.08	cps
Barium	135-1	579987	591611	583351	584983	1.02	cps
Barium	137-1	1033036	1024102	1029276	1028805	0.44	cps
Beryllium	9-1	3342	3422	3402	3388	1.23	cps
Bismuth	209-1	5577524	5266256	5339079	5394286	3.02	cps
Bismuth	209-2	2477248	2356968	2350484	2394900	2.98	cps
Boron	10-1	1108	1140	1104	1117	1.77	cps
Boron	11-1	4896	4882	4832	4870	0.69	cps
Bromine	81-1	37720	36957	37048	37242	1.12	cps
Cadmium	111-1	2329	2423	2362	2371	2.02	cps
Cadmium	106-1	3067	3276	3092	3145	3.62	cps
Cadmium	108-1	92	142	88	107	28.19	cps
Calcium	43-1	317682	319270	317935	318296	0.27	cps
Calcium	44-1	5115748	5130739	5071326	5105937	0.61	cps
Carbon	12-1	4110300	4169639	4106745	4128895	0.86	cps
Carbon	12-2	48155	46884	48940	47993	2.16	cps
Chlorine	35-1	38433402	41609642	43683802	41242282	6.41	cps
Chlorine	35-2	402701	394810	412026	403179	2.14	cps
Chromium	52-2	256595	252611	251740	253649	1.02	cps
Cobalt	59-2	168557	166373	166417	167116	0.75	cps
Copper	63-2	403484	398243	394050	398592	1.19	cps
Dysprosium	156-1	41239	39225	40445	40303	2.52	cps
Dysprosium	156-2	16370	16347	16203	16307	0.55	cps
Erbium	164-1	43480	43680	44225	43795	0.88	cps
Erbium	164-2	16921	17181	16831	16978	1.07	cps
Gadolinium	160-1	43748	42560	42452	42920	1.68	cps
Gadolinium	160-2	19044	18540	18757	18780	1.35	cps
Holmium	165-1	8742527	8520698	8619276	8627500	1.29	cps
Holmium	165-2	3574607	3504064	3621728	3566800	1.66	cps
Indium	115-1	7372562	7266671	7544416	7394550	1.90	cps
Indium	115-2	1166730	1150562	1172775	1163356	0.99	cps
Iron	54-2	8423000	8006594	8239361	8222985	2.54	cps
Iron	56-2	152981526	148441487	150142837	150521950	1.52	cps
Iron	57-2	3935297	3786677	3789961	3837312	2.21	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-13	Instrumnet Name :	P8
Client Sample ID :	YB6Y4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:02:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4063	4164	4053	4093	1.50	cps
Lead	206-1	399607	392021	395038	395555	0.97	cps
Lead	207-1	332063	328408	331293	330588	0.58	cps
Lead	208-1	1547830	1526232	1543372	1539145	0.74	cps
Lithium	6-1	3802504	3691012	3694006	3729174	1.70	cps
Magnesium	24-2	2551635	2533159	2548434	2544409	0.39	cps
Manganese	55-2	988999	949623	962721	967114	2.07	cps
Molybdenum	94-1	10046	9995	9921	9987	0.63	cps
Molybdenum	95-1	5476	5543	5343	5454	1.87	cps
Molybdenum	96-1	15451	16260	15926	15879	2.56	cps
Molybdenum	97-1	3351	3251	3659	3420	6.23	cps
Molybdenum	98-1	8303	8261	7519	8028	5.49	cps
Neodymium	150-1	58943	57041	57871	57952	1.65	cps
Neodymium	150-2	17575	17782	17869	17742	0.85	cps
Nickel	60-2	35832	34689	34793	35104	1.80	cps
Phosphorus	31-2	3909	3409	3926	3748	7.84	cps
Potassium	39-2	250907	248030	249416	249451	0.58	cps
Rhodium	103-1	6917514	7047251	6837224	6933997	1.53	cps
Rhodium	103-2	2803459	2822887	2760980	2795776	1.13	cps
Scandium	45-1	5831001	5684338	5734260	5749867	1.30	cps
Scandium	45-2	181535	176091	181604	179743	1.76	cps
Selenium	82-1	163	186	260	203	25.05	cps
Selenium	77-2	117	77	100	98	20.55	cps
Selenium	78-2	163	143	153	153	6.54	cps
Silicon	28-1	21081559	20933037	20539998	20851531	1.34	cps
Silver	107-1	3134	2950	3359	3148	6.50	cps
Silver	109-1	3292	2909	3050	3084	6.29	cps
Sodium	23-2	82786	79467	80824	81026	2.06	cps
Strontium	86-1	208178	210260	205542	207994	1.14	cps
Strontium	88-1	1756392	1706286	1738934	1733870	1.47	cps
Sulfur	34-1	221357	221498	222767	221874	0.35	cps
Terbium	159-1	9025000	8857674	8884745	8922473	1.01	cps
Terbium	159-2	3520933	3607668	3597960	3575520	1.33	cps
Thallium	203-1	1292	933	1267	1164	17.19	cps
Thallium	205-1	2584	2800	2667	2684	4.07	cps
Tin	118-1	8394	9112	9137	8881	4.75	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-13	Instrumnet Name :	P8
Client Sample ID :	YB6Y4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:02:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	709417	694951	687314	697227	1.61	cps
Uranium	238-1	14317	13416	13883	13872	3.25	cps
Vanadium	51-2	378308	377483	376277	377356	0.27	cps
Ytterbium	172-1	15092	14517	15843	15151	4.39	cps
Ytterbium	172-2	6846	6285	6935	6689	5.27	cps
Ytterbium	176-1	11238	10313	10530	10694	4.53	cps
Ytterbium	176-2	8848	8486	8581	8638	2.17	cps
Yttrium	89-1	12446164	12168901	12019397	12211487	1.77	cps
Yttrium	89-2	1358919	1347260	1368997	1358392	0.80	cps
Zinc	66-2	44834	44192	43554	44193	1.45	cps
Zirconium	90-1	17703	17228	18004	17645	2.22	cps
Zirconium	91-1	3801	4117	4201	4040	5.23	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:05:56	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1556740	1529765	1522455	1536320	1.18	cps
Antimony	121-1	8686	8570	8828	8695	1.49	cps
Arsenic	75-2	699084	697005	696180	697423	0.21	cps
Barium	135-1	708066	705619	699832	704506	0.60	cps
Barium	137-1	1230794	1212614	1200572	1214660	1.25	cps
Beryllium	9-1	2482	2414	2636	2510	4.53	cps
Bismuth	209-1	5216085	5394195	5376488	5328923	1.84	cps
Bismuth	209-2	2399487	2414097	2451426	2421670	1.11	cps
Boron	10-1	1390	1580	1560	1510	6.91	cps
Boron	11-1	6144	6452	6504	6367	3.06	cps
Bromine	81-1	35552	36696	37047	36432	2.15	cps
Cadmium	111-1	3180	3214	3031	3142	3.10	cps
Cadmium	106-1	3417	3509	3359	3428	2.21	cps
Cadmium	108-1	154	221	225	200	19.87	cps
Calcium	43-1	177849	176588	174847	176428	0.85	cps
Calcium	44-1	2838749	2865304	2852090	2852048	0.47	cps
Carbon	12-1	5559828	5555973	5596245	5570682	0.40	cps
Carbon	12-2	63990	65547	64467	64668	1.23	cps
Chlorine	35-1	41349024	44819464	47152997	44440495	6.57	cps
Chlorine	35-2	427977	435792	437011	433593	1.13	cps
Chromium	52-2	198240	198392	197191	197941	0.33	cps
Cobalt	59-2	70946	68461	69365	69591	1.81	cps
Copper	63-2	386867	386174	384119	385720	0.37	cps
Dysprosium	156-1	21801	21877	22177	21952	0.91	cps
Dysprosium	156-2	8636	8379	8633	8549	1.72	cps
Erbium	164-1	22745	22461	22027	22411	1.61	cps
Erbium	164-2	8743	8553	8536	8611	1.33	cps
Gadolinium	160-1	21134	21843	21418	21465	1.66	cps
Gadolinium	160-2	9600	9520	9133	9418	2.65	cps
Holmium	165-1	8569029	8467610	8480850	8505830	0.65	cps
Holmium	165-2	3531642	3545699	3479608	3518983	0.99	cps
Indium	115-1	7496530	7214884	7249809	7320408	2.10	cps
Indium	115-2	1154765	1158201	1161824	1158263	0.30	cps
Iron	54-2	11639923	11286651	11203267	11376614	2.04	cps
Iron	56-2	207768371	205451660	205045321	206088451	0.71	cps
Iron	57-2	5230028	5267187	5242756	5246657	0.36	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:05:56	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4009	4150	3983	4047	2.23	cps
Lead	206-1	2945925	2941235	2964763	2950641	0.42	cps
Lead	207-1	2405393	2459180	2393355	2419309	1.45	cps
Lead	208-1	11092590	11254436	11339284	11228770	1.12	cps
Lithium	6-1	3669644	3609881	3661976	3647167	0.89	cps
Magnesium	24-2	1542732	1493891	1506753	1514459	1.67	cps
Manganese	55-2	691722	691798	687434	690318	0.36	cps
Molybdenum	94-1	46178	46052	46487	46239	0.48	cps
Molybdenum	95-1	40017	40978	40217	40404	1.26	cps
Molybdenum	96-1	58557	58851	59003	58804	0.38	cps
Molybdenum	97-1	25182	25040	24831	25018	0.71	cps
Molybdenum	98-1	64476	65605	63715	64599	1.47	cps
Neodymium	150-1	32640	31932	32333	32301	1.10	cps
Neodymium	150-2	9727	9874	10277	9959	2.86	cps
Nickel	60-2	28348	27961	28706	28338	1.31	cps
Phosphorus	31-2	6135	5626	5585	5782	5.30	cps
Potassium	39-2	851420	850717	829181	843772	1.50	cps
Rhodium	103-1	7061406	6751714	6774700	6862607	2.51	cps
Rhodium	103-2	2747100	2725467	2715963	2729510	0.58	cps
Scandium	45-1	5569282	5442142	5467572	5492999	1.22	cps
Scandium	45-2	173068	173745	170772	172528	0.90	cps
Selenium	82-1	1223	1026	1073	1107	9.27	cps
Selenium	77-2	70	90	87	82	13.03	cps
Selenium	78-2	212	218	230	220	4.17	cps
Silicon	28-1	17722616	17938493	17788404	17816504	0.62	cps
Silver	107-1	17486	17804	17545	17612	0.96	cps
Silver	109-1	17253	17220	16744	17072	1.67	cps
Sodium	23-2	130212	131810	129574	130532	0.88	cps
Strontium	86-1	658766	660432	660160	659786	0.14	cps
Strontium	88-1	5614175	5640668	5575389	5610077	0.59	cps
Sulfur	34-1	747762	754872	745208	749281	0.67	cps
Terbium	159-1	8698616	8999995	8908499	8869037	1.74	cps
Terbium	159-2	3523560	3494965	3568014	3528846	1.04	cps
Thallium	203-1	1934	2017	1959	1970	2.17	cps
Thallium	205-1	4918	4568	4426	4637	5.46	cps
Tin	118-1	13323	13540	13290	13385	1.01	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:05:56	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1125366	1122122	1116729	1121406	0.39	cps
Uranium	238-1	18514	19323	20116	19318	4.15	cps
Vanadium	51-2	365337	356110	355364	358937	1.55	cps
Ytterbium	172-1	9420	8837	8303	8853	6.31	cps
Ytterbium	172-2	3595	3912	3445	3651	6.53	cps
Ytterbium	176-1	6502	5885	6594	6327	6.09	cps
Ytterbium	176-2	6713	6752	7113	6859	3.22	cps
Yttrium	89-1	12026174	11742495	11725111	11831260	1.43	cps
Yttrium	89-2	1299431	1305353	1291561	1298782	0.53	cps
Zinc	66-2	39940	40631	38997	39856	2.06	cps
Zirconium	90-1	65395	62650	62850	63632	2.41	cps
Zirconium	91-1	16452	15592	15442	15829	3.44	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:08:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1265351	1294741	1273904	1277999	1.18	cps
Antimony	121-1	8044	8011	7769	7941	1.89	cps
Arsenic	75-2	555917	563182	567394	562164	1.03	cps
Barium	135-1	584722	573204	557872	571932	2.36	cps
Barium	137-1	988130	991751	1006681	995521	0.99	cps
Beryllium	9-1	2090	2016	1984	2030	2.68	cps
Bismuth	209-1	5485254	5424978	5404554	5438262	0.77	cps
Bismuth	209-2	2382798	2311848	2453887	2382844	2.98	cps
Boron	10-1	1316	1388	1370	1358	2.76	cps
Boron	11-1	5930	5918	5892	5913	0.33	cps
Bromine	81-1	33956	36084	35963	35335	3.38	cps
Cadmium	111-1	2961	2842	3022	2942	3.11	cps
Cadmium	106-1	3275	3125	3384	3262	3.98	cps
Cadmium	108-1	213	154	179	182	16.09	cps
Calcium	43-1	149412	146293	144653	146786	1.65	cps
Calcium	44-1	2373881	2360823	2332703	2355802	0.89	cps
Carbon	12-1	5378556	5419178	5360522	5386085	0.56	cps
Carbon	12-2	63924	61764	62258	62648	1.81	cps
Chlorine	35-1	39873408	43710456	44963639	42849168	6.19	cps
Chlorine	35-2	401634	409673	419649	410319	2.20	cps
Chromium	52-2	156265	158462	156720	157149	0.74	cps
Cobalt	59-2	60542	59256	58497	59431	1.74	cps
Copper	63-2	318165	311814	317275	315751	1.09	cps
Dysprosium	156-1	18630	17712	18764	18369	3.12	cps
Dysprosium	156-2	6875	6989	7209	7024	2.41	cps
Erbium	164-1	18547	19465	18972	18994	2.42	cps
Erbium	164-2	7042	7055	7145	7081	0.79	cps
Gadolinium	160-1	18305	17921	18254	18160	1.15	cps
Gadolinium	160-2	7896	7619	7909	7808	2.10	cps
Holmium	165-1	8841286	8742726	8410380	8664798	2.61	cps
Holmium	165-2	3491836	3371678	3544332	3469282	2.55	cps
Indium	115-1	7636945	7313304	7271458	7407236	2.70	cps
Indium	115-2	1154005	1099208	1168239	1140484	3.20	cps
Iron	54-2	8983971	9121445	9296664	9134027	1.72	cps
Iron	56-2	164324215	167005615	168969537	166766456	1.40	cps
Iron	57-2	4276019	4149295	4169614	4198309	1.62	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:08:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3869	3881	4110	3953	3.44	cps
Lead	206-1	2424653	2473958	2384027	2427546	1.86	cps
Lead	207-1	1970529	2007411	1939372	1972437	1.73	cps
Lead	208-1	9246953	9310943	9190397	9249431	0.65	cps
Lithium	6-1	3678774	3677428	3579562	3645254	1.56	cps
Magnesium	24-2	1245603	1214046	1221907	1227185	1.34	cps
Manganese	55-2	576710	569266	574762	573579	0.67	cps
Molybdenum	94-1	38989	39842	39156	39329	1.15	cps
Molybdenum	95-1	33667	33541	32798	33335	1.41	cps
Molybdenum	96-1	49623	48929	48728	49093	0.96	cps
Molybdenum	97-1	21517	21000	21250	21256	1.22	cps
Molybdenum	98-1	52634	53371	53353	53119	0.79	cps
Neodymium	150-1	27669	27141	26927	27246	1.40	cps
Neodymium	150-2	8146	8406	8283	8278	1.57	cps
Nickel	60-2	22979	23202	23052	23078	0.49	cps
Phosphorus	31-2	4643	4542	4918	4701	4.13	cps
Potassium	39-2	681988	690968	693330	688762	0.87	cps
Rhodium	103-1	6782950	6919534	6979679	6894054	1.46	cps
Rhodium	103-2	2903680	2686733	2825250	2805221	3.92	cps
Scandium	45-1	5595667	5531080	5436008	5520918	1.45	cps
Scandium	45-2	174482	164628	171853	170321	3.00	cps
Selenium	82-1	1036	1249	1045	1110	10.83	cps
Selenium	77-2	80	37	67	61	36.31	cps
Selenium	78-2	212	211	236	220	6.45	cps
Silicon	28-1	17495544	17300627	17150497	17315556	1.00	cps
Silver	107-1	14383	14483	14825	14564	1.59	cps
Silver	109-1	14174	14324	13365	13955	3.70	cps
Sodium	23-2	108477	107478	107882	107946	0.47	cps
Strontium	86-1	540362	534228	533114	535901	0.73	cps
Strontium	88-1	4623486	4506947	4411756	4514063	2.35	cps
Sulfur	34-1	640291	637644	627740	635225	1.04	cps
Terbium	159-1	8928590	9202064	9029551	9053402	1.53	cps
Terbium	159-2	3543725	3295782	3561371	3466959	4.28	cps
Thallium	203-1	1759	1742	1842	1781	3.01	cps
Thallium	205-1	4101	3984	4418	4167	5.38	cps
Tin	118-1	12481	12106	11905	12164	2.40	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:08:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	972594	982925	961647	972389	1.09	cps
Uranium	238-1	17012	16862	15961	16611	3.42	cps
Vanadium	51-2	290456	293256	296605	293439	1.05	cps
Ytterbium	172-1	7244	7052	7185	7160	1.37	cps
Ytterbium	172-2	2978	3200	3000	3060	4.00	cps
Ytterbium	176-1	5535	5976	5335	5615	5.85	cps
Ytterbium	176-2	5990	6541	6218	6250	4.42	cps
Yttrium	89-1	11828595	11638813	11672349	11713252	0.86	cps
Yttrium	89-2	1360930	1250217	1310686	1307278	4.24	cps
Zinc	66-2	33680	33670	34308	33886	1.08	cps
Zirconium	90-1	54131	54834	51931	53632	2.82	cps
Zirconium	91-1	13290	13440	12531	13087	3.73	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-16	Instrumnet Name :	P8
Client Sample ID :	YB6Y7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:11:48	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1525171	1495642	1446439	1489084	2.67	cps
Antimony	121-1	4993	4376	4601	4657	6.70	cps
Arsenic	75-2	113877	113242	111484	112867	1.10	cps
Barium	135-1	520523	509479	524639	518214	1.51	cps
Barium	137-1	911432	892005	900828	901422	1.08	cps
Beryllium	9-1	3292	3106	3194	3197	2.91	cps
Bismuth	209-1	5370781	5331066	5412274	5371374	0.76	cps
Bismuth	209-2	2374171	2351698	2527315	2417728	3.95	cps
Boron	10-1	1212	1250	1174	1212	3.14	cps
Boron	11-1	5254	5606	5526	5462	3.38	cps
Bromine	81-1	37037	35212	36134	36127	2.53	cps
Cadmium	111-1	2709	2560	2603	2624	2.92	cps
Cadmium	106-1	3034	2859	3034	2975	3.40	cps
Cadmium	108-1	63	100	113	92	28.39	cps
Calcium	43-1	159287	158180	159168	158878	0.38	cps
Calcium	44-1	2540838	2528358	2593313	2554170	1.35	cps
Carbon	12-1	6739413	6923402	6826978	6829931	1.35	cps
Carbon	12-2	79281	80838	80764	80295	1.09	cps
Chlorine	35-1	38868479	42559697	44393800	41940659	6.71	cps
Chlorine	35-2	409593	418324	417442	415120	1.16	cps
Chromium	52-2	186636	185762	184864	185754	0.48	cps
Cobalt	59-2	153438	152210	150907	152185	0.83	cps
Copper	63-2	260465	258891	252862	257406	1.56	cps
Dysprosium	156-1	37361	35323	36250	36311	2.81	cps
Dysprosium	156-2	14692	14505	14061	14419	2.25	cps
Erbium	164-1	39852	39618	39033	39501	1.07	cps
Erbium	164-2	14858	15169	14765	14931	1.42	cps
Gadolinium	160-1	37111	36116	36860	36696	1.41	cps
Gadolinium	160-2	16350	15573	16113	16012	2.49	cps
Holmium	165-1	8657207	8413709	8646553	8572489	1.61	cps
Holmium	165-2	3438416	3340664	3703280	3494120	5.37	cps
Indium	115-1	7419164	7441525	7351709	7404133	0.63	cps
Indium	115-2	1138629	1108548	1228113	1158430	5.37	cps
Iron	54-2	7555291	7569906	7490412	7538537	0.56	cps
Iron	56-2	136139481	136729073	133170295	135346283	1.41	cps
Iron	57-2	3464714	3516307	3433325	3471449	1.21	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-16	Instrumnet Name :	P8
Client Sample ID :	YB6Y7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:11:48	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4018	4053	4114	4061	1.20	cps
Lead	206-1	1037121	1045599	1000406	1027709	2.34	cps
Lead	207-1	862318	849826	849469	853871	0.86	cps
Lead	208-1	4107815	4066972	4008580	4061122	1.23	cps
Lithium	6-1	3595410	3601952	3564350	3587237	0.56	cps
Magnesium	24-2	1374383	1347510	1332996	1351630	1.55	cps
Manganese	55-2	2253045	2282478	2223280	2252935	1.31	cps
Molybdenum	94-1	19948	20307	19723	19993	1.47	cps
Molybdenum	95-1	15634	15901	16126	15887	1.55	cps
Molybdenum	96-1	26476	27186	27511	27058	1.96	cps
Molybdenum	97-1	9253	9570	9537	9453	1.84	cps
Molybdenum	98-1	25574	24247	24397	24739	2.94	cps
Neodymium	150-1	51051	51727	50147	50975	1.56	cps
Neodymium	150-2	15459	15879	15499	15613	1.49	cps
Nickel	60-2	31856	31956	32574	32129	1.21	cps
Phosphorus	31-2	6026	5176	5234	5479	8.67	cps
Potassium	39-2	747948	741117	734674	741246	0.90	cps
Rhodium	103-1	6900056	6903959	6849240	6884418	0.44	cps
Rhodium	103-2	2758197	2614009	2956241	2776149	6.19	cps
Scandium	45-1	5419349	5350046	5302959	5357451	1.09	cps
Scandium	45-2	168795	163403	177925	170041	4.32	cps
Selenium	82-1	388	385	194	322	34.51	cps
Selenium	77-2	83	63	73	73	13.64	cps
Selenium	78-2	166	157	163	162	2.83	cps
Silicon	28-1	19479115	19507175	19536663	19507651	0.15	cps
Silver	107-1	7994	7836	7694	7841	1.92	cps
Silver	109-1	7511	7536	7411	7486	0.88	cps
Sodium	23-2	59856	57991	58176	58674	1.75	cps
Strontium	86-1	173164	170139	170460	171254	0.97	cps
Strontium	88-1	1451942	1430174	1416653	1432923	1.24	cps
Sulfur	34-1	259917	261580	263081	261526	0.61	cps
Terbium	159-1	8980866	9028173	8883676	8964238	0.82	cps
Terbium	159-2	3521024	3429051	3731119	3560398	4.35	cps
Thallium	203-1	1975	1533	1417	1642	17.94	cps
Thallium	205-1	4226	4067	4034	4109	2.49	cps
Tin	118-1	10713	10663	10187	10521	2.76	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-16	Instrumnet Name :	P8
Client Sample ID :	YB6Y7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:11:48	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	862933	856524	854018	857825	0.54	cps
Uranium	238-1	21268	22930	22470	22223	3.86	cps
Vanadium	51-2	289320	283506	282199	285008	1.33	cps
Ytterbium	172-1	13232	13883	13649	13588	2.43	cps
Ytterbium	172-2	5968	5829	5929	5909	1.21	cps
Ytterbium	176-1	9320	8878	9679	9292	4.32	cps
Ytterbium	176-2	7764	7663	8614	8014	6.52	cps
Yttrium	89-1	12046255	12311858	12034315	12130809	1.29	cps
Yttrium	89-2	1318935	1270696	1453513	1347714	7.03	cps
Zinc	66-2	38111	38409	38272	38264	0.39	cps
Zirconium	90-1	29240	29423	29565	29409	0.55	cps
Zirconium	91-1	6402	6819	7102	6774	5.20	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-17	Instrumnet Name :	P8
Client Sample ID :	YB6Y8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:14:43	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1340036	1330914	1313019	1327990	1.03	cps
Antimony	121-1	2300	2625	2384	2436	6.93	cps
Arsenic	75-2	38006	37302	37824	37710	0.97	cps
Barium	135-1	406483	405199	408464	406715	0.40	cps
Barium	137-1	704452	714723	687424	702200	1.96	cps
Beryllium	9-1	3016	3108	3172	3098	2.53	cps
Bismuth	209-1	5354950	5210183	5465318	5343484	2.39	cps
Bismuth	209-2	2385862	2416202	2399388	2400484	0.63	cps
Boron	10-1	1122	1024	1062	1069	4.62	cps
Boron	11-1	4616	4678	5142	4812	5.97	cps
Bromine	81-1	35773	36636	34288	35566	3.34	cps
Cadmium	111-1	2645	2521	2781	2649	4.92	cps
Cadmium	106-1	3184	2984	3409	3192	6.66	cps
Cadmium	108-1	96	121	108	108	11.54	cps
Calcium	43-1	144101	143846	142115	143354	0.75	cps
Calcium	44-1	2290480	2322873	2246312	2286555	1.68	cps
Carbon	12-1	5059887	5143239	5087723	5096950	0.83	cps
Carbon	12-2	59446	58584	58475	58835	0.90	cps
Chlorine	35-1	39444988	43358715	44742193	42515299	6.46	cps
Chlorine	35-2	410926	414463	413238	412875	0.43	cps
Chromium	52-2	166357	164364	163989	164903	0.77	cps
Cobalt	59-2	153844	150296	147991	150710	1.96	cps
Copper	63-2	203673	197848	197005	199509	1.82	cps
Dysprosium	156-1	35824	34771	34821	35139	1.69	cps
Dysprosium	156-2	13330	13313	13434	13359	0.49	cps
Erbium	164-1	36242	37570	36985	36932	1.80	cps
Erbium	164-2	14341	14551	14141	14344	1.43	cps
Gadolinium	160-1	35390	36066	34420	35292	2.34	cps
Gadolinium	160-2	15779	15639	15589	15669	0.63	cps
Holmium	165-1	8494163	8305236	8693834	8497744	2.29	cps
Holmium	165-2	3516015	3534949	3495161	3515375	0.57	cps
Indium	115-1	7341004	7201452	7576073	7372843	2.57	cps
Indium	115-2	1155568	1159562	1156740	1157290	0.18	cps
Iron	54-2	6068664	6063557	6051168	6061130	0.15	cps
Iron	56-2	108277275	110907091	107423630	108869332	1.67	cps
Iron	57-2	2778019	2800110	2795152	2791094	0.42	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-17	Instrumnet Name :	P8
Client Sample ID :	YB6Y8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:14:43	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3989	3966	3974	3976	0.29	cps
Lead	206-1	405976	415112	417825	412971	1.50	cps
Lead	207-1	341951	341891	338782	340875	0.53	cps
Lead	208-1	1590414	1607104	1587125	1594881	0.67	cps
Lithium	6-1	3652700	3516732	3660223	3609885	2.24	cps
Magnesium	24-2	1246775	1230913	1198404	1225364	2.01	cps
Manganese	55-2	2364948	2418111	2390589	2391216	1.11	cps
Molybdenum	94-1	11914	12414	12022	12117	2.17	cps
Molybdenum	95-1	6068	6077	6210	6118	1.30	cps
Molybdenum	96-1	14283	13365	14508	14052	4.31	cps
Molybdenum	97-1	3534	3642	3509	3562	1.99	cps
Molybdenum	98-1	8294	8736	9295	8775	5.71	cps
Neodymium	150-1	48561	46768	46695	47341	2.23	cps
Neodymium	150-2	15112	15065	14555	14911	2.07	cps
Nickel	60-2	29765	29330	29120	29405	1.12	cps
Phosphorus	31-2	3417	3792	3426	3545	6.04	cps
Potassium	39-2	617385	607895	606228	610502	0.99	cps
Rhodium	103-1	6968160	6717414	6991848	6892474	2.21	cps
Rhodium	103-2	2774037	2845081	2778868	2799329	1.42	cps
Scandium	45-1	5467980	5249768	5482744	5400164	2.42	cps
Scandium	45-2	166296	168352	167798	167482	0.64	cps
Selenium	82-1	220	283	-21	160	99.99	cps
Selenium	77-2	60	40	70	57	26.96	cps
Selenium	78-2	139	160	123	141	13.19	cps
Silicon	28-1	17861741	18289651	17943546	18031646	1.26	cps
Silver	107-1	3567	3717	3309	3531	5.85	cps
Silver	109-1	3200	3351	3301	3284	2.33	cps
Sodium	23-2	49760	49050	49075	49295	0.82	cps
Strontium	86-1	113568	114452	114022	114014	0.39	cps
Strontium	88-1	939816	938328	948081	942075	0.56	cps
Sulfur	34-1	191984	192026	193570	192527	0.47	cps
Terbium	159-1	9150296	8457309	9137693	8915099	4.45	cps
Terbium	159-2	3515038	3488614	3560860	3521504	1.04	cps
Thallium	203-1	1467	1650	1592	1570	5.97	cps
Thallium	205-1	3717	3834	3551	3701	3.85	cps
Tin	118-1	11338	11697	11247	11427	2.08	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-17	Instrumnet Name :	P8
Client Sample ID :	YB6Y8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:14:43	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	747074	751290	731202	743189	1.43	cps
Uranium	238-1	21393	20258	20751	20801	2.74	cps
Vanadium	51-2	256216	250684	249518	252139	1.42	cps
Ytterbium	172-1	13574	13023	12481	13026	4.20	cps
Ytterbium	172-2	5590	5246	5379	5405	3.21	cps
Ytterbium	176-1	8895	8695	9354	8981	3.76	cps
Ytterbium	176-2	7185	7452	7775	7471	3.95	cps
Yttrium	89-1	12017078	11587630	12389619	11998109	3.34	cps
Yttrium	89-2	1337051	1341073	1320451	1332858	0.82	cps
Zinc	66-2	34713	33647	33664	34008	1.80	cps
Zirconium	90-1	31854	23813	23445	26371	18.02	cps
Zirconium	91-1	5618	5760	5151	5510	5.78	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18	Instrumnet Name :	P8
Client Sample ID :	YB6Y9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:17:40	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1898917	1854105	1854966	1869330	1.37	cps
Antimony	121-1	1934	1800	1600	1778	9.44	cps
Arsenic	75-2	28015	28497	27632	28048	1.55	cps
Barium	135-1	509270	513062	518892	513742	0.94	cps
Barium	137-1	875193	900678	885437	887103	1.45	cps
Beryllium	9-1	4020	4178	4186	4128	2.27	cps
Bismuth	209-1	4550904	5159465	5361419	5023929	8.40	cps
Bismuth	209-2	2404691	2446138	2387414	2412748	1.25	cps
Boron	10-1	1046	1076	1014	1045	2.97	cps
Boron	11-1	4330	4602	4940	4624	6.61	cps
Bromine	81-1	36465	36877	36325	36556	0.78	cps
Cadmium	111-1	2467	2689	2497	2551	4.72	cps
Cadmium	106-1	2809	3109	2900	2939	5.23	cps
Cadmium	108-1	113	125	154	131	16.38	cps
Calcium	43-1	203784	201251	202302	202446	0.63	cps
Calcium	44-1	3293196	3302574	3320653	3305474	0.42	cps
Carbon	12-1	4527889	4569577	4666522	4587996	1.55	cps
Carbon	12-2	53205	53607	54493	53768	1.23	cps
Chlorine	35-1	39872113	43814585	46720922	43469207	7.91	cps
Chlorine	35-2	414136	415660	423667	417821	1.23	cps
Chromium	52-2	178561	171193	173021	174258	2.20	cps
Cobalt	59-2	176181	176570	173209	175320	1.05	cps
Copper	63-2	252240	257131	252954	254108	1.04	cps
Dysprosium	156-1	48154	47561	47585	47767	0.70	cps
Dysprosium	156-2	18840	19010	19057	18969	0.60	cps
Erbium	164-1	53977	54873	51760	53536	2.99	cps
Erbium	164-2	20700	20326	19878	20301	2.03	cps
Gadolinium	160-1	50170	50865	49961	50332	0.94	cps
Gadolinium	160-2	21838	21461	21434	21578	1.05	cps
Holmium	165-1	7343525	8533341	8320050	8065639	7.87	cps
Holmium	165-2	3453175	3577193	3538772	3523047	1.80	cps
Indium	115-1	6251000	7108933	7319279	6893071	8.21	cps
Indium	115-2	1154168	1163586	1153620	1157125	0.48	cps
Iron	54-2	8058971	7949975	7912373	7973773	0.95	cps
Iron	56-2	148638364	144334459	145904414	146292413	1.49	cps
Iron	57-2	3797926	3631783	3661692	3697134	2.40	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18	Instrumnet Name :	P8
Client Sample ID :	YB6Y9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:17:40	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4036	4034	3940	4003	1.37	cps
Lead	206-1	149880	155885	151735	152500	2.02	cps
Lead	207-1	126067	127051	125206	126108	0.73	cps
Lead	208-1	584116	587254	582955	584775	0.38	cps
Lithium	6-1	3121512	3537473	3653441	3437476	8.14	cps
Magnesium	24-2	1894246	1850467	1857258	1867324	1.26	cps
Manganese	55-2	2549019	2506157	2521198	2525458	0.86	cps
Molybdenum	94-1	12431	12806	12264	12500	2.22	cps
Molybdenum	95-1	2992	2859	3050	2967	3.31	cps
Molybdenum	96-1	13499	13574	13307	13460	1.02	cps
Molybdenum	97-1	1692	1733	1733	1720	1.40	cps
Molybdenum	98-1	4134	4351	4151	4212	2.86	cps
Neodymium	150-1	68622	68783	66853	68086	1.57	cps
Neodymium	150-2	20890	20953	21397	21080	1.31	cps
Nickel	60-2	30376	29698	30075	30050	1.13	cps
Phosphorus	31-2	4217	4276	4342	4279	1.46	cps
Potassium	39-2	688343	690367	676173	684961	1.12	cps
Rhodium	103-1	5842013	6691159	6763832	6432334	7.97	cps
Rhodium	103-2	2908494	2838255	2824218	2856989	1.58	cps
Scandium	45-1	4878844	5395111	5410465	5228140	5.79	cps
Scandium	45-2	172846	174463	172864	173391	0.54	cps
Selenium	82-1	148	31	106	95	62.04	cps
Selenium	77-2	83	80	133	99	30.22	cps
Selenium	78-2	165	152	151	156	5.01	cps
Silicon	28-1	17397421	16947691	17010324	17118479	1.42	cps
Silver	107-1	1300	1458	1492	1417	7.23	cps
Silver	109-1	1392	1150	1258	1267	9.56	cps
Sodium	23-2	47452	47846	48055	47784	0.64	cps
Strontium	86-1	128606	127133	127277	127672	0.64	cps
Strontium	88-1	1051991	1033436	1063119	1049516	1.43	cps
Sulfur	34-1	158123	161661	161231	160338	1.20	cps
Terbium	159-1	7438754	8769151	8717673	8308526	9.07	cps
Terbium	159-2	3469234	3595989	3578342	3547855	1.94	cps
Thallium	203-1	1350	1583	1483	1472	7.95	cps
Thallium	205-1	3976	3234	3534	3581	10.42	cps
Tin	118-1	11013	11238	10738	10996	2.28	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18	Instrumnet Name :	P8
Client Sample ID :	YB6Y9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:17:40	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	959135	962927	960659	960907	0.20	cps
Uranium	238-1	27814	28499	27347	27887	2.08	cps
Vanadium	51-2	318654	322007	318821	319828	0.59	cps
Ytterbium	172-1	18755	19256	18689	18900	1.64	cps
Ytterbium	172-2	8347	8286	7697	8110	4.43	cps
Ytterbium	176-1	12314	12181	12723	12406	2.28	cps
Ytterbium	176-2	9353	9593	9776	9574	2.21	cps
Yttrium	89-1	10722451	12004167	12096583	11607734	6.62	cps
Yttrium	89-2	1362894	1364329	1384952	1370725	0.90	cps
Zinc	66-2	43216	43410	41989	42872	1.80	cps
Zirconium	90-1	28789	30467	29782	29680	2.84	cps
Zirconium	91-1	6335	7127	6335	6599	6.93	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-19	Instrumnet Name :	P8
Client Sample ID :	YB6Y9D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:20:35	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1799947	1798294	1849129	1815790	1.59	cps
Antimony	121-1	2125	2184	2075	2128	2.55	cps
Arsenic	75-2	27411	27868	27205	27495	1.23	cps
Barium	135-1	518651	510407	521425	516828	1.11	cps
Barium	137-1	894119	882375	869477	881990	1.40	cps
Beryllium	9-1	4264	3880	4178	4107	4.91	cps
Bismuth	209-1	5238425	5234262	5330011	5267566	1.03	cps
Bismuth	209-2	2441933	2382078	2432133	2418714	1.33	cps
Boron	10-1	1058	1002	1034	1031	2.72	cps
Boron	11-1	4418	4578	4432	4476	1.98	cps
Bromine	81-1	34569	36847	38161	36526	4.98	cps
Cadmium	111-1	2940	2648	2837	2808	5.27	cps
Cadmium	106-1	3451	2950	3334	3245	8.06	cps
Cadmium	108-1	108	108	121	113	6.42	cps
Calcium	43-1	198303	198590	194800	197231	1.07	cps
Calcium	44-1	3251961	3234206	3215125	3233764	0.57	cps
Carbon	12-1	4523131	4599048	4550763	4557647	0.84	cps
Carbon	12-2	52862	53155	54468	53495	1.60	cps
Chlorine	35-1	39610738	43445349	45337287	42797792	6.82	cps
Chlorine	35-2	408690	413426	422836	414984	1.74	cps
Chromium	52-2	175660	174085	171675	173807	1.15	cps
Cobalt	59-2	173768	173745	171116	172876	0.88	cps
Copper	63-2	248327	249552	253608	250496	1.10	cps
Dysprosium	156-1	48230	48957	46415	47867	2.74	cps
Dysprosium	156-2	18456	18950	19498	18968	2.75	cps
Erbium	164-1	51693	53684	52797	52725	1.89	cps
Erbium	164-2	19521	19868	19541	19644	0.99	cps
Gadolinium	160-1	49626	48531	47326	48494	2.37	cps
Gadolinium	160-2	21848	21755	20543	21382	3.41	cps
Holmium	165-1	8646137	8325295	8534680	8502037	1.92	cps
Holmium	165-2	3612326	3484244	3516588	3537719	1.88	cps
Indium	115-1	7396078	6963698	7375373	7245050	3.37	cps
Indium	115-2	1151454	1158925	1151211	1153863	0.38	cps
Iron	54-2	7986152	7887305	7795101	7889520	1.21	cps
Iron	56-2	143525892	140062000	140289139	141292344	1.37	cps
Iron	57-2	3608506	3524679	3608701	3580628	1.35	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-19	Instrumnet Name :	P8
Client Sample ID :	YB6Y9D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:20:35	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4034	4015	3933	3994	1.35	cps
Lead	206-1	147369	147661	147834	147621	0.16	cps
Lead	207-1	121224	123287	124079	122863	1.20	cps
Lead	208-1	569583	570127	571989	570566	0.22	cps
Lithium	6-1	3683604	3492390	3519350	3565115	2.90	cps
Magnesium	24-2	1815750	1777946	1843639	1812445	1.82	cps
Manganese	55-2	2501133	2495066	2430829	2475676	1.57	cps
Molybdenum	94-1	13048	13015	12715	12926	1.42	cps
Molybdenum	95-1	3159	3400	3676	3412	7.58	cps
Molybdenum	96-1	13774	13999	13957	13910	0.86	cps
Molybdenum	97-1	2009	1850	1967	1942	4.23	cps
Molybdenum	98-1	5184	4859	5034	5026	3.24	cps
Neodymium	150-1	65841	66263	68977	67027	2.54	cps
Neodymium	150-2	21033	20970	20169	20724	2.33	cps
Nickel	60-2	30974	29327	29240	29847	3.27	cps
Phosphorus	31-2	4451	4076	3984	4170	5.93	cps
Potassium	39-2	699572	693529	695111	696071	0.45	cps
Rhodium	103-1	6759450	6682087	6947227	6796255	2.01	cps
Rhodium	103-2	2777625	2748448	2797858	2774644	0.90	cps
Scandium	45-1	5602081	5367688	5492344	5487371	2.14	cps
Scandium	45-2	172764	171397	170160	171440	0.76	cps
Selenium	82-1	300	58	305	221	64.06	cps
Selenium	77-2	90	127	97	104	18.70	cps
Selenium	78-2	128	145	134	136	6.36	cps
Silicon	28-1	17476640	17839921	17384139	17566900	1.37	cps
Silver	107-1	1725	2084	1692	1834	11.85	cps
Silver	109-1	1475	1517	1900	1631	14.37	cps
Sodium	23-2	82608	81854	82225	82229	0.46	cps
Strontium	86-1	126528	126540	122434	125167	1.89	cps
Strontium	88-1	1027756	1048763	1045705	1040741	1.09	cps
Sulfur	34-1	161012	159723	163448	161395	1.17	cps
Terbium	159-1	9224167	8848100	8823258	8965175	2.51	cps
Terbium	159-2	3604602	3509308	3505074	3539662	1.59	cps
Thallium	203-1	1950	1792	1975	1906	5.22	cps
Thallium	205-1	4343	4134	4159	4212	2.70	cps
Tin	118-1	10388	10771	10504	10554	1.86	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-19	Instrumnet Name :	P8
Client Sample ID :	YB6Y9D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:20:35	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	956676	973736	956207	962206	1.04	cps
Uranium	238-1	29711	30763	31247	30574	2.57	cps
Vanadium	51-2	322090	320192	316866	319716	0.83	cps
Ytterbium	172-1	17996	18196	19114	18436	3.23	cps
Ytterbium	172-2	8136	8136	7980	8084	1.11	cps
Ytterbium	176-1	12565	12156	12114	12278	2.03	cps
Ytterbium	176-2	9409	9265	9776	9483	2.78	cps
Yttrium	89-1	12151911	12039166	12013460	12068179	0.61	cps
Yttrium	89-2	1349228	1357191	1351765	1352728	0.30	cps
Zinc	66-2	42912	43443	41952	42769	1.77	cps
Zirconium	90-1	28622	29757	28989	29123	1.99	cps
Zirconium	91-1	6502	6769	6460	6577	2.55	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-20	Instrumnet Name :	P8
Client Sample ID :	YB6Y9S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:23:33	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1423122	1433573	1389720	1415472	1.62	cps
Antimony	121-1	77537	77369	78894	77934	1.07	cps
Arsenic	75-2	24111	24034	23504	23883	1.38	cps
Barium	135-1	983076	989698	993815	988863	0.55	cps
Barium	137-1	1659318	1693071	1704498	1685629	1.39	cps
Beryllium	9-1	23520	22523	22779	22941	2.26	cps
Bismuth	209-1	5529971	5466198	5316388	5437519	2.02	cps
Bismuth	209-2	2451964	2430029	2461589	2447860	0.66	cps
Boron	10-1	946	928	950	941	1.25	cps
Boron	11-1	4030	4120	4120	4090	1.27	cps
Bromine	81-1	35160	34449	35030	34880	1.09	cps
Cadmium	111-1	19125	19357	18793	19092	1.48	cps
Cadmium	106-1	4509	4676	4568	4584	1.85	cps
Cadmium	108-1	1292	1188	1271	1250	4.41	cps
Calcium	43-1	180762	179012	178627	179467	0.63	cps
Calcium	44-1	2774034	2774542	2647917	2732164	2.67	cps
Carbon	12-1	4279477	4353596	4323190	4318754	0.86	cps
Carbon	12-2	51064	50663	49878	50535	1.19	cps
Chlorine	35-1	39831721	43170492	45095936	42699383	6.24	cps
Chlorine	35-2	406228	411247	411858	409778	0.75	cps
Chromium	52-2	197496	197464	191325	195428	1.82	cps
Cobalt	59-2	389954	395818	380226	388666	2.03	cps
Copper	63-2	287127	286355	283900	285794	0.59	cps
Dysprosium	156-1	37495	38682	36535	37571	2.86	cps
Dysprosium	156-2	15129	14688	14411	14743	2.45	cps
Erbium	164-1	41792	39384	39836	40337	3.17	cps
Erbium	164-2	15686	15522	15042	15417	2.17	cps
Gadolinium	160-1	38807	38390	38724	38640	0.57	cps
Gadolinium	160-2	16871	16394	16217	16494	2.05	cps
Holmium	165-1	8412569	8344667	8475605	8410947	0.78	cps
Holmium	165-2	3472773	3626531	3659577	3586294	2.78	cps
Indium	115-1	7105038	7228961	7272872	7202290	1.21	cps
Indium	115-2	1160477	1154440	1198250	1171056	2.03	cps
Iron	54-2	6223362	6274890	5982959	6160404	2.53	cps
Iron	56-2	113778608	112103086	107671255	111184316	2.84	cps
Iron	57-2	2929078	2945333	2788927	2887779	2.98	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-20	Instrumnet Name :	P8
Client Sample ID :	YB6Y9S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:23:33	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4066	4165	4061	4098	1.43	cps
Lead	206-1	130557	129905	129666	130043	0.35	cps
Lead	207-1	109493	110239	109079	109604	0.54	cps
Lead	208-1	507051	505766	507026	506614	0.15	cps
Lithium	6-1	3526497	3561011	3656425	3581311	1.88	cps
Magnesium	24-2	1430082	1400792	1424237	1418370	1.09	cps
Manganese	55-2	1981509	1991220	1932789	1968506	1.59	cps
Molybdenum	94-1	164998	165968	162680	164548	1.03	cps
Molybdenum	95-1	278657	275051	275642	276450	0.70	cps
Molybdenum	96-1	300060	302082	304292	302144	0.70	cps
Molybdenum	97-1	169080	169335	169230	169215	0.08	cps
Molybdenum	98-1	446821	440358	441174	442784	0.79	cps
Neodymium	150-1	52195	51004	51104	51434	1.28	cps
Neodymium	150-2	16126	15726	15930	15927	1.26	cps
Nickel	60-2	92385	93180	91388	92318	0.97	cps
Phosphorus	31-2	3617	3476	3267	3453	5.10	cps
Potassium	39-2	549989	548988	537494	545490	1.27	cps
Rhodium	103-1	6772116	6854408	6815025	6813850	0.60	cps
Rhodium	103-2	2816131	2860274	2847321	2841242	0.80	cps
Scandium	45-1	5450703	5351912	5329892	5377502	1.20	cps
Scandium	45-2	171240	169637	174859	171912	1.56	cps
Selenium	82-1	2297	2088	2081	2155	5.70	cps
Selenium	77-2	160	147	133	147	9.09	cps
Selenium	78-2	368	348	334	350	4.88	cps
Silicon	28-1	17111043	17014987	16906089	17010706	0.60	cps
Silver	107-1	80804	83042	82238	82028	1.38	cps
Silver	109-1	78275	79690	79221	79062	0.91	cps
Sodium	23-2	40298	39863	40248	40136	0.59	cps
Strontium	86-1	4302826	4266139	4394763	4321243	1.53	cps
Strontium	88-1	37179515	36653997	37568478	37133997	1.24	cps
Sulfur	34-1	153525	155468	156126	155040	0.87	cps
Terbium	159-1	8779360	9162734	9135409	9025834	2.37	cps
Terbium	159-2	3553780	3571372	3657304	3594152	1.54	cps
Thallium	203-1	54457	53318	52047	53274	2.26	cps
Thallium	205-1	128376	126498	126980	127285	0.77	cps
Tin	118-1	8703	8595	9012	8770	2.47	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-20	Instrumnet Name :	P8
Client Sample ID :	YB6Y9S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:23:33	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	823416	820331	819912	821220	0.23	cps
Uranium	238-1	711071	701391	699326	703929	0.89	cps
Vanadium	51-2	373635	371367	362392	369131	1.61	cps
Ytterbium	172-1	14400	14325	14584	14436	0.92	cps
Ytterbium	172-2	5990	5812	5924	5909	1.52	cps
Ytterbium	176-1	10096	9420	9787	9768	3.46	cps
Ytterbium	176-2	8064	8136	8392	8197	2.10	cps
Yttrium	89-1	12084675	11929843	12186367	12066962	1.07	cps
Yttrium	89-2	1346053	1332327	1391246	1356542	2.27	cps
Zinc	66-2	60147	60087	58316	59517	1.75	cps
Zirconium	90-1	24447	24973	24714	24711	1.06	cps
Zirconium	91-1	5568	5518	5935	5674	4.01	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LREX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:26:37	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341583	338717	338599	339633	0.50	cps
Antimony	121-1	333	367	300	333	10.00	cps
Arsenic	75-2	5462	5317	5282	5353	1.78	cps
Barium	135-1	97652	99355	98365	98457	0.87	cps
Barium	137-1	172458	169343	174250	172017	1.44	cps
Beryllium	9-1	790	834	820	815	2.76	cps
Bismuth	209-1	5193570	5397811	5241376	5277586	2.02	cps
Bismuth	209-2	2266483	1928266	2150818	2115189	8.13	cps
Boron	10-1	634	578	604	605	4.63	cps
Boron	11-1	2792	2828	2834	2818	0.81	cps
Bromine	81-1	34268	33626	35693	34529	3.06	cps
Cadmium	111-1	2066	1917	1998	1994	3.72	cps
Cadmium	106-1	2792	2667	2692	2717	2.43	cps
Cadmium	108-1	38	71	17	42	65.57	cps
Calcium	43-1	38890	38640	38261	38597	0.82	cps
Calcium	44-1	625741	630959	621025	625908	0.79	cps
Carbon	12-1	3560138	3508111	3459997	3509415	1.43	cps
Carbon	12-2	41509	41150	40891	41183	0.75	cps
Chlorine	35-1	13737352	14062426	13780733	13860170	1.27	cps
Chlorine	35-2	118466	116324	116299	117029	1.06	cps
Chromium	52-2	33954	34248	33853	34018	0.60	cps
Cobalt	59-2	33075	33750	33543	33456	1.03	cps
Copper	63-2	47864	48453	49024	48447	1.20	cps
Dysprosium	156-1	9595	9137	9712	9481	3.21	cps
Dysprosium	156-2	3577	3541	3537	3552	0.63	cps
Erbium	164-1	10004	9787	9762	9851	1.35	cps
Erbium	164-2	3787	3607	3807	3734	2.95	cps
Gadolinium	160-1	9137	9053	9370	9187	1.79	cps
Gadolinium	160-2	4287	4257	4067	4204	2.84	cps
Holmium	165-1	8481429	8206694	8179670	8289264	2.01	cps
Holmium	165-2	3210569	2785223	3154507	3050100	7.58	cps
Indium	115-1	7238278	7245855	7214914	7233016	0.22	cps
Indium	115-2	1092959	958867	1036613	1029480	6.54	cps
Iron	54-2	1491965	1536394	1541477	1523279	1.79	cps
Iron	56-2	27392980	27517171	27313175	27407776	0.38	cps
Iron	57-2	681477	670835	676334	676215	0.79	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LREX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:26:37	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3923	3945	3925	3931	0.31	cps
Lead	206-1	30425	30592	29601	30206	1.76	cps
Lead	207-1	25692	24351	24190	24744	3.33	cps
Lead	208-1	115135	116199	114650	115328	0.69	cps
Lithium	6-1	3465441	3343317	3320979	3376579	2.30	cps
Magnesium	24-2	336133	338857	344446	339812	1.25	cps
Manganese	55-2	459935	464554	461550	462013	0.51	cps
Molybdenum	94-1	2442	2692	2234	2456	9.35	cps
Molybdenum	95-1	600	683	617	633	6.96	cps
Molybdenum	96-1	2667	3042	2859	2856	6.57	cps
Molybdenum	97-1	358	333	358	350	4.12	cps
Molybdenum	98-1	725	725	825	758	7.61	cps
Neodymium	150-1	12753	13000	13040	12931	1.20	cps
Neodymium	150-2	4007	4047	3867	3974	2.38	cps
Nickel	60-2	5811	5771	5638	5740	1.58	cps
Phosphorus	31-2	925	817	800	847	8.01	cps
Potassium	39-2	143610	142181	142676	142822	0.51	cps
Rhodium	103-1	6962084	6630295	6692186	6761521	2.61	cps
Rhodium	103-2	2622708	2309233	2551489	2494476	6.59	cps
Scandium	45-1	5042068	5075078	4986154	5034433	0.89	cps
Scandium	45-2	148412	133492	145635	142513	5.57	cps
Selenium	82-1	-140	-59	26	-58	-144.60	cps
Selenium	77-2	27	20	27	24	15.75	cps
Selenium	78-2	105	101	96	101	4.48	cps
Silicon	28-1	3561789	3543764	3438192	3514582	1.90	cps
Silver	107-1	650	567	525	581	10.96	cps
Silver	109-1	500	450	392	447	12.12	cps
Sodium	23-2	21349	21041	20356	20915	2.43	cps
Strontium	86-1	28947	29432	29891	29423	1.60	cps
Strontium	88-1	200612	201306	197063	199660	1.14	cps
Sulfur	34-1	142437	143143	145055	143545	0.94	cps
Terbium	159-1	8913123	8679957	8557418	8716833	2.07	cps
Terbium	159-2	3329104	2907544	3092785	3109811	6.79	cps
Thallium	203-1	542	392	467	467	16.07	cps
Thallium	205-1	1333	1283	1342	1320	2.39	cps
Tin	118-1	3234	3459	3659	3451	6.16	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LREX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:26:37	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	177725	181424	180224	179791	1.05	cps
Uranium	238-1	5368	5385	5226	5326	1.63	cps
Vanadium	51-2	59570	59989	59081	59547	0.76	cps
Ytterbium	172-1	3559	3326	3567	3484	3.94	cps
Ytterbium	172-2	1506	1722	1528	1585	7.52	cps
Ytterbium	176-1	3059	3117	3084	3087	0.95	cps
Ytterbium	176-2	5084	4990	5440	5171	4.59	cps
Yttrium	89-1	11614916	11321353	11319314	11418527	1.49	cps
Yttrium	89-2	1198044	1049051	1156808	1134634	6.78	cps
Zinc	66-2	8906	8493	8689	8696	2.38	cps
Zirconium	90-1	6210	5751	5560	5840	5.72	cps
Zirconium	91-1	1175	1275	1475	1308	11.68	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-21	Instrumnet Name :	P8
Client Sample ID :	YB6Z0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:29:40	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1683062	1686075	1713511	1694216	0.99	cps
Antimony	121-1	3034	2934	3100	3023	2.78	cps
Arsenic	75-2	49409	49319	48409	49046	1.13	cps
Barium	135-1	533563	524495	515737	524598	1.70	cps
Barium	137-1	925218	912391	900031	912547	1.38	cps
Beryllium	9-1	3558	3438	3632	3542	2.76	cps
Bismuth	209-1	5381608	5410300	5250171	5347360	1.60	cps
Bismuth	209-2	2425624	2353366	2382339	2387110	1.52	cps
Boron	10-1	1150	1218	1254	1207	4.37	cps
Boron	11-1	5030	5346	5298	5225	3.26	cps
Bromine	81-1	35592	34248	34588	34809	2.01	cps
Cadmium	111-1	2724	2582	2683	2663	2.73	cps
Cadmium	106-1	3225	3092	3175	3164	2.13	cps
Cadmium	108-1	108	129	104	114	11.76	cps
Calcium	43-1	196836	196799	196660	196765	0.05	cps
Calcium	44-1	3155600	3110811	3133854	3133421	0.71	cps
Carbon	12-1	5510811	5506622	5595294	5537576	0.90	cps
Carbon	12-2	64258	67372	64718	65449	2.57	cps
Chlorine	35-1	32009360	36601542	39476132	36029012	10.45	cps
Chlorine	35-2	358793	371602	374673	368356	2.29	cps
Chromium	52-2	126699	128730	127705	127711	0.80	cps
Cobalt	59-2	140466	142046	140211	140908	0.71	cps
Copper	63-2	230701	227741	225167	227870	1.22	cps
Dysprosium	156-1	45922	45244	44191	45119	1.93	cps
Dysprosium	156-2	18109	18430	18540	18359	1.22	cps
Erbium	164-1	49652	48682	47494	48609	2.22	cps
Erbium	164-2	19334	19444	19755	19511	1.12	cps
Gadolinium	160-1	47661	47017	47109	47262	0.74	cps
Gadolinium	160-2	20409	21000	20856	20755	1.48	cps
Holmium	165-1	8457246	8771160	8383936	8537447	2.41	cps
Holmium	165-2	3496934	3418005	3485667	3466869	1.23	cps
Indium	115-1	7256279	7422661	7420793	7366578	1.30	cps
Indium	115-2	1159246	1118003	1162511	1146587	2.16	cps
Iron	54-2	7669010	7723259	7616616	7669628	0.70	cps
Iron	56-2	141727898	139351486	137271267	139450217	1.60	cps
Iron	57-2	3489600	3523492	3545566	3519553	0.80	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-21	Instrumnet Name :	P8
Client Sample ID :	YB6Z0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:29:40	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3936	4061	3979	3992	1.59	cps
Lead	206-1	349736	336233	338500	341490	2.12	cps
Lead	207-1	287051	280776	280535	282787	1.31	cps
Lead	208-1	1337003	1302079	1306476	1315186	1.45	cps
Lithium	6-1	3514551	3607471	3660578	3594200	2.06	cps
Magnesium	24-2	1690451	1694655	1721277	1702127	0.98	cps
Manganese	55-2	2130810	2079085	2117192	2109029	1.27	cps
Molybdenum	94-1	18930	19547	18847	19108	2.00	cps
Molybdenum	95-1	4167	3734	4543	4148	9.76	cps
Molybdenum	96-1	15818	14533	15784	15378	4.76	cps
Molybdenum	97-1	2550	2350	2500	2467	4.22	cps
Molybdenum	98-1	6268	5835	6302	6135	4.25	cps
Neodymium	150-1	64119	64923	64133	64392	0.71	cps
Neodymium	150-2	20325	20896	19638	20287	3.11	cps
Nickel	60-2	24247	23870	24114	24077	0.79	cps
Phosphorus	31-2	5451	5084	5226	5254	3.52	cps
Potassium	39-2	732808	734966	732240	733338	0.20	cps
Rhodium	103-1	6790207	7104726	6896753	6930562	2.31	cps
Rhodium	103-2	2722456	2725992	2820437	2756295	2.02	cps
Scandium	45-1	5326832	5572917	5400725	5433492	2.32	cps
Scandium	45-2	166626	161333	170035	165998	2.64	cps
Selenium	82-1	146	94	74	105	35.81	cps
Selenium	77-2	87	90	87	88	2.19	cps
Selenium	78-2	170	152	149	157	7.23	cps
Silicon	28-1	18745801	18670947	18836335	18751028	0.44	cps
Silver	107-1	2700	2767	2817	2761	2.12	cps
Silver	109-1	2209	2400	2317	2309	4.16	cps
Sodium	23-2	43816	46642	45146	45201	3.13	cps
Strontium	86-1	164943	167176	163626	165248	1.09	cps
Strontium	88-1	1393831	1365962	1376368	1378720	1.02	cps
Sulfur	34-1	182522	185140	188819	185494	1.71	cps
Terbium	159-1	8964021	8936459	8913467	8937982	0.28	cps
Terbium	159-2	3497173	3311567	3560623	3456454	3.74	cps
Thallium	203-1	1458	1000	1525	1328	21.53	cps
Thallium	205-1	3751	3084	3284	3373	10.15	cps
Tin	118-1	10071	10663	9971	10235	3.66	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-21	Instrumnet Name :	P8
Client Sample ID :	YB6Z0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:29:40	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1163175	1166841	1143800	1157939	1.07	cps
Uranium	238-1	26645	25894	25860	26133	1.70	cps
Vanadium	51-2	297651	298668	295020	297113	0.63	cps
Ytterbium	172-1	18538	17187	18522	18082	4.29	cps
Ytterbium	172-2	7925	8025	7497	7815	3.59	cps
Ytterbium	176-1	11639	11797	11038	11491	3.48	cps
Ytterbium	176-2	9125	9865	9470	9487	3.90	cps
Yttrium	89-1	12103326	12694284	12279424	12359011	2.45	cps
Yttrium	89-2	1344177	1306154	1345332	1331888	1.67	cps
Zinc	66-2	41751	41508	41855	41705	0.43	cps
Zirconium	90-1	46729	47189	46278	46732	0.98	cps
Zirconium	91-1	10646	10688	11447	10927	4.12	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:32:36	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1616081	1533082	1532493	1560552	3.08	cps
Antimony	121-1	9278	9212	8603	9031	4.12	cps
Arsenic	75-2	222227	219744	219126	220366	0.74	cps
Barium	135-1	544024	530633	542442	539033	1.36	cps
Barium	137-1	945637	932133	940521	939430	0.73	cps
Beryllium	9-1	2984	2950	2942	2958	0.75	cps
Bismuth	209-1	4852555	5424177	5294791	5190508	5.77	cps
Bismuth	209-2	2463332	2377443	2453556	2431444	1.93	cps
Boron	10-1	1264	1360	1372	1332	4.44	cps
Boron	11-1	5448	5426	5768	5547	3.45	cps
Bromine	81-1	33986	33174	36707	34622	5.34	cps
Cadmium	111-1	2297	2715	2632	2548	8.68	cps
Cadmium	106-1	2500	3159	3134	2931	12.73	cps
Cadmium	108-1	142	108	171	140	22.29	cps
Calcium	43-1	130481	129173	128768	129474	0.69	cps
Calcium	44-1	2070724	2048457	2044156	2054446	0.69	cps
Carbon	12-1	6515630	6576418	6593459	6561836	0.62	cps
Carbon	12-2	76667	74305	76617	75863	1.78	cps
Chlorine	35-1	32572194	35282380	36843139	34899238	6.19	cps
Chlorine	35-2	339286	335977	348119	341127	1.84	cps
Chromium	52-2	78347	77962	75890	77400	1.71	cps
Cobalt	59-2	99106	96884	97518	97836	1.17	cps
Copper	63-2	250359	247335	247183	248292	0.72	cps
Dysprosium	156-1	39885	38256	39969	39370	2.45	cps
Dysprosium	156-2	16270	15766	15646	15894	2.08	cps
Erbium	164-1	43196	42126	41541	42288	1.98	cps
Erbium	164-2	17128	16197	15726	16350	4.36	cps
Gadolinium	160-1	40437	39952	39802	40064	0.83	cps
Gadolinium	160-2	17715	17895	17618	17743	0.79	cps
Holmium	165-1	7831335	8496442	8577204	8301661	4.93	cps
Holmium	165-2	3586503	3496380	3457109	3513331	1.89	cps
Indium	115-1	6723646	7314463	7107626	7048578	4.25	cps
Indium	115-2	1166976	1151340	1136372	1151563	1.33	cps
Iron	54-2	7914342	7854954	7712982	7827426	1.32	cps
Iron	56-2	143806992	141746725	143689509	143081075	0.81	cps
Iron	57-2	3644283	3629930	3672372	3648862	0.59	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:32:36	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3806	3974	4048	3943	3.14	cps
Lead	206-1	1134521	1115025	1143154	1130900	1.27	cps
Lead	207-1	925322	931090	925425	927279	0.36	cps
Lead	208-1	4506279	4477709	4483900	4489296	0.33	cps
Lithium	6-1	3277012	3466474	3475446	3406311	3.29	cps
Magnesium	24-2	1506304	1504379	1460993	1490559	1.72	cps
Manganese	55-2	1528322	1488302	1462612	1493079	2.22	cps
Molybdenum	94-1	28847	28830	28622	28766	0.44	cps
Molybdenum	95-1	15701	14875	14683	15086	3.58	cps
Molybdenum	96-1	27970	28096	28279	28115	0.55	cps
Molybdenum	97-1	9503	9453	9645	9534	1.04	cps
Molybdenum	98-1	24364	23963	23470	23932	1.87	cps
Neodymium	150-1	54169	54785	54993	54649	0.78	cps
Neodymium	150-2	17568	16864	17632	17355	2.46	cps
Nickel	60-2	19136	18919	18963	19006	0.60	cps
Phosphorus	31-2	6910	7027	6777	6905	1.81	cps
Potassium	39-2	686425	693136	698303	692621	0.86	cps
Rhodium	103-1	6227476	6766553	6627745	6540591	4.28	cps
Rhodium	103-2	2813733	2813156	2703326	2776738	2.29	cps
Scandium	45-1	4812980	5321233	5253431	5129214	5.38	cps
Scandium	45-2	170153	167466	169883	169167	0.87	cps
Selenium	82-1	689	548	470	569	19.50	cps
Selenium	77-2	77	103	80	87	16.76	cps
Selenium	78-2	154	177	187	173	9.80	cps
Silicon	28-1	15366927	14806602	14867217	15013582	2.05	cps
Silver	107-1	8444	7969	8019	8144	3.21	cps
Silver	109-1	7494	7794	7436	7575	2.54	cps
Sodium	23-2	55097	53750	54042	54296	1.30	cps
Strontium	86-1	202539	195328	201456	199774	1.95	cps
Strontium	88-1	1723391	1690124	1645452	1686322	2.32	cps
Sulfur	34-1	283744	280858	282721	282441	0.52	cps
Terbium	159-1	8131051	8907520	9185400	8741324	6.25	cps
Terbium	159-2	3659658	3548780	3560368	3589602	1.70	cps
Thallium	203-1	1433	1242	1125	1267	12.29	cps
Thallium	205-1	3025	2917	2784	2909	4.16	cps
Tin	118-1	13841	13549	13666	13685	1.07	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:32:36	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1285997	1259664	1276126	1273929	1.04	cps
Uranium	238-1	24374	23213	24382	23990	2.80	cps
Vanadium	51-2	262336	259332	258629	260099	0.76	cps
Ytterbium	172-1	15801	14809	15568	15393	3.37	cps
Ytterbium	172-2	6902	6785	7035	6907	1.81	cps
Ytterbium	176-1	10580	10730	10830	10713	1.18	cps
Ytterbium	176-2	8814	8564	8875	8751	1.88	cps
Yttrium	89-1	10784522	11997802	11647251	11476525	5.44	cps
Yttrium	89-2	1343116	1336200	1338832	1339383	0.26	cps
Zinc	66-2	42604	42688	41695	42329	1.30	cps
Zirconium	90-1	53202	51822	50375	51800	2.73	cps
Zirconium	91-1	12489	12623	12556	12556	0.53	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:35:33	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	329045	331528	329184	329919	0.42	cps
Antimony	121-1	400	300	325	342	15.23	cps
Arsenic	75-2	5354	5189	5297	5280	1.58	cps
Barium	135-1	96963	96728	94615	96102	1.35	cps
Barium	137-1	159443	166511	163887	163280	2.19	cps
Beryllium	9-1	762	766	792	773	2.11	cps
Bismuth	209-1	5305775	4903958	4884921	5031551	4.72	cps
Bismuth	209-2	2298980	2374828	2380882	2351564	1.94	cps
Boron	10-1	636	628	630	631	0.66	cps
Boron	11-1	2788	2750	2604	2714	3.58	cps
Bromine	81-1	32782	32913	32983	32893	0.31	cps
Cadmium	111-1	2087	1990	1847	1975	6.11	cps
Cadmium	106-1	2892	2667	2542	2700	6.57	cps
Cadmium	108-1	29	21	46	32	39.85	cps
Calcium	43-1	37961	37194	37316	37490	1.10	cps
Calcium	44-1	615668	611214	602381	609754	1.11	cps
Carbon	12-1	3597466	3580856	3558243	3578855	0.55	cps
Carbon	12-2	41769	40824	41894	41495	1.41	cps
Chlorine	35-1	12858808	12786771	12829152	12824910	0.28	cps
Chlorine	35-2	107682	110881	109831	109465	1.49	cps
Chromium	52-2	33549	32099	33005	32885	2.23	cps
Cobalt	59-2	32507	32564	31906	32326	1.13	cps
Copper	63-2	47526	47740	47854	47707	0.35	cps
Dysprosium	156-1	8928	8795	8828	8850	0.78	cps
Dysprosium	156-2	3487	3460	3471	3473	0.39	cps
Erbium	164-1	9520	9545	9679	9582	0.89	cps
Erbium	164-2	3874	3817	3781	3824	1.23	cps
Gadolinium	160-1	9454	8786	9862	9367	5.80	cps
Gadolinium	160-2	3931	4161	3974	4022	3.04	cps
Holmium	165-1	8396145	7678945	7652736	7909276	5.33	cps
Holmium	165-2	3399866	3351636	3516533	3422678	2.48	cps
Indium	115-1	7095516	6836066	6774625	6902069	2.47	cps
Indium	115-2	1131569	1139754	1135835	1135719	0.36	cps
Iron	54-2	1521667	1475122	1499243	1498677	1.55	cps
Iron	56-2	27057310	26460253	26734914	26750826	1.12	cps
Iron	57-2	652389	656915	669274	659526	1.33	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:35:33	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3901	3836	3814	3850	1.18	cps
Lead	206-1	29183	28810	28693	28895	0.89	cps
Lead	207-1	24223	23928	24190	24114	0.67	cps
Lead	208-1	113389	112588	112241	112739	0.52	cps
Lithium	6-1	3421860	3203884	3242749	3289498	3.53	cps
Magnesium	24-2	333453	332850	333920	333408	0.16	cps
Manganese	55-2	462044	455159	449449	455551	1.38	cps
Molybdenum	94-1	2684	2350	2359	2464	7.72	cps
Molybdenum	95-1	542	567	500	536	6.28	cps
Molybdenum	96-1	2717	2750	2350	2606	8.52	cps
Molybdenum	97-1	367	250	325	314	18.84	cps
Molybdenum	98-1	942	742	1017	900	15.80	cps
Neodymium	150-1	11679	12906	12399	12328	5.00	cps
Neodymium	150-2	4011	3901	3781	3897	2.95	cps
Nickel	60-2	5591	5888	5988	5822	3.54	cps
Phosphorus	31-2	1083	800	917	933	15.26	cps
Potassium	39-2	141348	137476	141356	140060	1.60	cps
Rhodium	103-1	6751235	6319901	6241716	6437618	4.26	cps
Rhodium	103-2	2817287	2760770	2725852	2767969	1.67	cps
Scandium	45-1	5038447	4669503	4522545	4743498	5.60	cps
Scandium	45-2	156966	156126	156133	156408	0.31	cps
Selenium	82-1	94	76	100	90	13.67	cps
Selenium	77-2	27	13	23	21	32.88	cps
Selenium	78-2	117	98	93	103	12.33	cps
Silicon	28-1	3365834	3431951	3386544	3394776	1.00	cps
Silver	107-1	217	375	308	300	26.50	cps
Silver	109-1	350	342	358	350	2.38	cps
Sodium	23-2	21299	20924	21742	21322	1.92	cps
Strontium	86-1	28329	27294	28079	27901	1.94	cps
Strontium	88-1	195175	190525	192644	192781	1.21	cps
Sulfur	34-1	145181	146233	146392	145936	0.45	cps
Terbium	159-1	8750765	8155041	8048367	8318058	4.55	cps
Terbium	159-2	3390875	3492264	3450639	3444593	1.48	cps
Thallium	203-1	425	542	692	553	24.18	cps
Thallium	205-1	1267	958	1083	1103	14.06	cps
Tin	118-1	3676	3392	3509	3526	4.04	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-18LX5	Instrumnet Name :	P8
Client Sample ID :	YB6Y9L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:35:33	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175626	175187	171019	173944	1.46	cps
Uranium	238-1	5385	5118	5026	5176	3.60	cps
Vanadium	51-2	57910	59838	57910	58553	1.90	cps
Ytterbium	172-1	3367	3651	3692	3570	4.96	cps
Ytterbium	172-2	1495	1339	1617	1483	9.39	cps
Ytterbium	176-1	3009	2992	3125	3042	2.39	cps
Ytterbium	176-2	5107	5218	5318	5214	2.03	cps
Yttrium	89-1	11411203	10554807	10068386	10678132	6.37	cps
Yttrium	89-2	1251347	1252314	1233990	1245884	0.83	cps
Zinc	66-2	8990	8913	8713	8872	1.61	cps
Zirconium	90-1	5760	6010	5876	5882	2.13	cps
Zirconium	91-1	1492	1233	1267	1331	10.56	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:38:34	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2528581	2493735	2522126	2514814	0.74	cps
Antimony	121-1	2762976	2745545	2724456	2744326	0.70	cps
Arsenic	75-2	79847	78225	79189	79087	1.03	cps
Barium	135-1	3601974	3666028	3610431	3626144	0.96	cps
Barium	137-1	6125553	6093207	6183823	6134194	0.75	cps
Beryllium	9-1	959364	968074	966235	964558	0.48	cps
Bismuth	209-1	4901241	4971817	5077221	4983426	1.78	cps
Bismuth	209-2	2210060	2289743	2273720	2257841	1.87	cps
Boron	10-1	117908	125547	130985	124813	5.26	cps
Boron	11-1	521161	541600	577923	546895	5.26	cps
Bromine	81-1	33786	34779	33595	34053	1.87	cps
Cadmium	111-1	788386	761937	781739	777354	1.77	cps
Cadmium	106-1	85464	84802	86463	85577	0.98	cps
Cadmium	108-1	57553	57653	58699	57968	1.09	cps
Calcium	43-1	5245421	5476247	5492392	5404687	2.56	cps
Calcium	44-1	82991921	86514178	86070289	85192129	2.25	cps
Carbon	12-1	4263704	4361535	4469827	4365022	2.36	cps
Carbon	12-2	53950	53122	53699	53590	0.79	cps
Chlorine	35-1	4979674	4725623	4545340	4750212	4.59	cps
Chlorine	35-2	36797	35427	35210	35812	2.40	cps
Chromium	52-2	776898	752663	762777	764113	1.59	cps
Cobalt	59-2	1303945	1277756	1281828	1287843	1.09	cps
Copper	63-2	10195030	10040596	9970016	10068547	1.14	cps
Dysprosium	156-1	400	458	292	383	22.06	cps
Dysprosium	156-2	187	147	147	160	14.43	cps
Erbium	164-1	92	117	117	108	13.32	cps
Erbium	164-2	37	30	43	37	18.18	cps
Gadolinium	160-1	250	317	267	278	12.49	cps
Gadolinium	160-2	133	167	143	148	11.57	cps
Holmium	165-1	8396398	8761754	8649573	8602575	2.18	cps
Holmium	165-2	3487329	3555692	3534284	3525768	0.99	cps
Indium	115-1	6984700	6869715	7008143	6954186	1.07	cps
Indium	115-2	1086244	1109157	1105379	1100260	1.12	cps
Iron	54-2	8750644	8443362	8584581	8592862	1.79	cps
Iron	56-2	153138853	155391659	157188542	155239685	1.31	cps
Iron	57-2	4158593	3862962	3919871	3980475	3.94	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:38:34	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4033	3963	3925	3973	1.37	cps
Lead	206-1	11196219	10919250	11049885	11055118	1.25	cps
Lead	207-1	9584635	9401239	9673424	9553099	1.45	cps
Lead	208-1	43843048	43719188	44208561	43923599	0.58	cps
Lithium	6-1	3505599	3400972	3620597	3509056	3.13	cps
Magnesium	24-2	32111969	31026229	31406799	31514999	1.75	cps
Manganese	55-2	4402909	4407522	4494289	4434906	1.16	cps
Molybdenum	94-1	10452105	10431922	10672183	10518737	1.27	cps
Molybdenum	95-1	15346639	15335813	15171388	15284613	0.64	cps
Molybdenum	96-1	16805296	16468055	16472138	16581830	1.17	cps
Molybdenum	97-1	9525772	9260364	9516904	9434347	1.60	cps
Molybdenum	98-1	24039628	24584260	24397583	24340490	1.14	cps
Neodymium	150-1	260	227	233	240	7.35	cps
Neodymium	150-2	13	20	20	18	21.66	cps
Nickel	60-2	360181	357654	359109	358981	0.35	cps
Phosphorus	31-2	28387	28888	28804	28693	0.94	cps
Potassium	39-2	13346180	13162328	13147073	13218527	0.84	cps
Rhodium	103-1	6204729	6407208	6334210	6315383	1.62	cps
Rhodium	103-2	2554569	2635275	2675916	2621920	2.36	cps
Scandium	45-1	5062292	5136662	5037577	5078844	1.02	cps
Scandium	45-2	157275	160079	162870	160074	1.75	cps
Selenium	82-1	63937	63008	62963	63303	0.87	cps
Selenium	77-2	2097	1797	1870	1921	8.14	cps
Selenium	78-2	6868	6778	6873	6840	0.78	cps
Silicon	28-1	2620448	2710721	2725581	2685583	2.12	cps
Silver	107-1	3978820	3952430	3992339	3974530	0.51	cps
Silver	109-1	3821751	3641794	3810005	3757850	2.68	cps
Sodium	23-2	62332316	59257168	60453122	60680869	2.55	cps
Strontium	86-1	25408888	25466887	25246963	25374246	0.45	cps
Strontium	88-1	219096080	222721922	215950971	219256324	1.55	cps
Sulfur	34-1	593951	590266	593632	592616	0.34	cps
Terbium	159-1	8958200	8854392	9020413	8944335	0.94	cps
Terbium	159-2	3491972	3528907	3566645	3529175	1.06	cps
Thallium	203-1	2703016	2753998	2746328	2734447	1.01	cps
Thallium	205-1	6337954	6303851	6189873	6277226	1.24	cps
Tin	118-1	2504665	2504717	2424562	2477981	1.87	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P8
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:38:34	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4755812	4805939	4707624	4756458	1.03	cps
Uranium	238-1	8604846	8635751	8848880	8696492	1.53	cps
Vanadium	51-2	638741	630297	628295	632444	0.88	cps
Ytterbium	172-1	117	108	75	100	22.05	cps
Ytterbium	172-2	67	56	56	59	10.82	cps
Ytterbium	176-1	12898	12623	12731	12751	1.09	cps
Ytterbium	176-2	8364	9465	9609	9146	7.45	cps
Yttrium	89-1	11079023	10989337	11167540	11078633	0.80	cps
Yttrium	89-2	1216494	1249394	1269306	1245065	2.14	cps
Zinc	66-2	1276258	1233317	1257232	1255603	1.71	cps
Zirconium	90-1	5469161	5462002	5450900	5460687	0.17	cps
Zirconium	91-1	1235508	1230743	1218862	1228371	0.70	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : CCB055 Instrumnet Name : P8
 Client Sample ID : CCB055 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 17:45:30 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71	85	70	75	11.04	cps
Antimony	121-1	325	408	342	358	12.31	cps
Arsenic	75-2	5	2	2	3	57.74	cps
Barium	135-1	58	75	58	64	15.06	cps
Barium	137-1	33	58	58	50	28.87	cps
Beryllium	9-1	50	56	62	56	10.72	cps
Bismuth	209-1	5524714	5498681	5252047	5425147	2.77	cps
Bismuth	209-2	2467215	2437606	2466897	2457239	0.69	cps
Boron	10-1	2756	2850	2822	2809	1.72	cps
Boron	11-1	12413	11894	11538	11949	3.68	cps
Bromine	81-1	35653	34408	35773	35278	2.14	cps
Cadmium	111-1	1897	1926	2015	1946	3.17	cps
Cadmium	106-1	2617	2734	2809	2720	3.55	cps
Cadmium	108-1	8	13	25	15	56.79	cps
Calcium	43-1	242	271	269	261	6.11	cps
Calcium	44-1	7190	7242	7057	7163	1.33	cps
Carbon	12-1	3569110	3526104	3497406	3530873	1.02	cps
Carbon	12-2	41167	40473	40523	40721	0.95	cps
Chlorine	35-1	1707103	1657664	1603487	1656085	3.13	cps
Chlorine	35-2	13723	13565	13331	13540	1.46	cps
Chromium	52-2	423	410	460	431	6.01	cps
Cobalt	59-2	33	43	50	42	19.87	cps
Copper	63-2	753	670	743	722	6.30	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	67	17	42	60.00	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	77	73	63	71	9.76	cps
Holmium	165-1	8324174	8592416	8196094	8370895	2.42	cps
Holmium	165-2	3433373	3580370	3485907	3499883	2.13	cps
Indium	115-1	7529383	7104028	7091964	7241792	3.44	cps
Indium	115-2	1177186	1160134	1156453	1164591	0.95	cps
Iron	54-2	506	483	622	537	13.89	cps
Iron	56-2	5157	4545	4534	4745	7.51	cps
Iron	57-2	206	244	167	206	18.92	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:45:30	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3980	3939	3905	3941	0.95	cps
Lead	206-1	983	1083	878	982	10.47	cps
Lead	207-1	906	817	945	889	7.37	cps
Lead	208-1	3911	3873	3973	3919	1.29	cps
Lithium	6-1	3647275	3650582	3461142	3586333	3.02	cps
Magnesium	24-2	633	425	325	461	34.12	cps
Manganese	55-2	150	107	110	122	19.73	cps
Molybdenum	94-1	292	242	317	283	13.48	cps
Molybdenum	95-1	308	258	217	261	17.58	cps
Molybdenum	96-1	642	517	450	536	18.15	cps
Molybdenum	97-1	158	167	117	147	18.20	cps
Molybdenum	98-1	475	433	400	436	8.62	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	33	17	17	22	43.28	cps
Phosphorus	31-2	83	133	117	111	22.91	cps
Potassium	39-2	15843	16059	15959	15954	0.68	cps
Rhodium	103-1	6949812	6853741	6702232	6835262	1.83	cps
Rhodium	103-2	2768401	2817444	2857508	2814451	1.59	cps
Scandium	45-1	5266848	5197867	4864192	5109636	4.21	cps
Scandium	45-2	158448	159630	157381	158487	0.71	cps
Selenium	82-1	-55	64	69	26	271.16	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	96	77	85	86	11.09	cps
Silicon	28-1	327401	327186	327453	327347	0.04	cps
Silver	107-1	317	325	358	333	6.61	cps
Silver	109-1	367	317	275	319	14.37	cps
Sodium	23-2	15217	15634	14883	15244	2.47	cps
Strontium	86-1	6143	6560	6460	6388	3.41	cps
Strontium	88-1	1750	1458	1842	1683	11.89	cps
Sulfur	34-1	193126	195019	191994	193379	0.79	cps
Terbium	159-1	9150876	9149552	8698743	8999724	2.90	cps
Terbium	159-2	3496808	3517301	3523341	3512483	0.40	cps
Thallium	203-1	908	892	808	869	6.16	cps
Thallium	205-1	1917	1842	1900	1886	2.09	cps
Tin	118-1	867	792	1100	920	17.49	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P8
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 17:45:30	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	233	217	222	4.33	cps
Uranium	238-1	50	50	58	53	9.12	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Ytterbium	172-1	75	67	50	64	19.92	cps
Ytterbium	172-2	33	22	6	20	68.62	cps
Ytterbium	176-1	817	1025	925	922	11.30	cps
Ytterbium	176-2	3990	4562	4479	4343	7.12	cps
Yttrium	89-1	11590508	11055092	11238707	11294769	2.41	cps
Yttrium	89-2	1244508	1278713	1243955	1255725	1.59	cps
Zinc	66-2	147	170	147	154	8.72	cps
Zirconium	90-1	508	492	625	542	13.41	cps
Zirconium	91-1	100	142	225	156	40.92	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01DLX5	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:48:36	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170990	170780	166767	169512	1.40	cps
Antimony	121-1	1450	1533	1333	1439	6.98	cps
Arsenic	75-2	52464	51884	51915	52088	0.63	cps
Barium	135-1	72545	71901	70074	71507	1.79	cps
Barium	137-1	121393	122804	122527	122241	0.61	cps
Beryllium	9-1	182	200	162	181	10.48	cps
Bismuth	209-1	5318166	5160305	5297664	5258712	1.63	cps
Bismuth	209-2	2410979	2409524	2405646	2408716	0.11	cps
Boron	10-1	2198	2164	2178	2180	0.78	cps
Boron	11-1	9723	9217	9227	9389	3.08	cps
Bromine	81-1	36254	35281	33254	34930	4.38	cps
Cadmium	111-1	2154	2071	2125	2117	1.99	cps
Cadmium	106-1	2959	2834	2900	2898	2.16	cps
Cadmium	108-1	54	42	25	40	36.33	cps
Calcium	43-1	30789	30492	30880	30720	0.66	cps
Calcium	44-1	493688	499142	494255	495695	0.60	cps
Carbon	12-1	3653910	3658685	3579766	3630787	1.22	cps
Carbon	12-2	41417	41819	43039	42092	2.01	cps
Chlorine	35-1	4939731	5483055	6021249	5481345	9.87	cps
Chlorine	35-2	56854	60694	62343	59964	4.70	cps
Chromium	52-2	11848	11338	11612	11599	2.20	cps
Cobalt	59-2	13016	12479	12489	12661	2.43	cps
Copper	63-2	41641	40879	41310	41277	0.93	cps
Dysprosium	156-1	2742	3075	3184	3000	7.67	cps
Dysprosium	156-2	1163	1033	1023	1073	7.28	cps
Erbium	164-1	3200	2559	3084	2948	11.60	cps
Erbium	164-2	1097	1000	1033	1043	4.71	cps
Gadolinium	160-1	2659	3075	2592	2775	9.44	cps
Gadolinium	160-2	1287	1363	1240	1297	4.80	cps
Holmium	165-1	8357401	8245437	8464083	8355640	1.31	cps
Holmium	165-2	3581922	3552700	3569989	3568204	0.41	cps
Indium	115-1	7141051	7273144	7320004	7244733	1.28	cps
Indium	115-2	1145939	1169567	1152653	1156053	1.05	cps
Iron	54-2	899706	888163	885239	891036	0.86	cps
Iron	56-2	16290757	16519102	16228508	16346122	0.94	cps
Iron	57-2	398350	402918	401105	400791	0.57	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01DLX5	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:48:36	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3983	3981	3878	3947	1.53	cps
Lead	206-1	457643	456729	459810	458061	0.35	cps
Lead	207-1	378089	378958	373108	376718	0.84	cps
Lead	208-1	1752623	1768069	1765335	1762009	0.47	cps
Lithium	6-1	3530817	3423185	3620586	3524863	2.80	cps
Magnesium	24-2	300936	301052	298145	300045	0.55	cps
Manganese	55-2	165747	160171	161849	162589	1.76	cps
Molybdenum	94-1	5543	5585	5268	5465	3.15	cps
Molybdenum	95-1	7194	7119	7652	7322	3.95	cps
Molybdenum	96-1	9095	8670	9137	8967	2.88	cps
Molybdenum	97-1	4009	4609	4409	4342	7.04	cps
Molybdenum	98-1	11522	11438	11338	11433	0.80	cps
Neodymium	150-1	4914	4714	4734	4788	2.30	cps
Neodymium	150-2	1570	1443	1473	1496	4.43	cps
Nickel	60-2	3677	3737	3787	3734	1.48	cps
Phosphorus	31-2	858	808	817	828	3.24	cps
Potassium	39-2	61381	60737	59281	60466	1.78	cps
Rhodium	103-1	6738689	6745022	6727376	6737029	0.13	cps
Rhodium	103-2	2730665	2889136	2810110	2809970	2.82	cps
Scandium	45-1	5067022	4993368	5020679	5027023	0.74	cps
Scandium	45-2	159952	161555	161041	160849	0.51	cps
Selenium	82-1	-19	80	264	108	132.34	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	103	117	109	110	6.40	cps
Silicon	28-1	3045772	3040779	3016603	3034385	0.51	cps
Silver	107-1	4376	4459	4384	4406	1.04	cps
Silver	109-1	4242	4884	4392	4506	7.45	cps
Sodium	23-2	44878	45171	44184	44744	1.13	cps
Strontium	86-1	66098	67438	67790	67109	1.33	cps
Strontium	88-1	527388	531695	546727	535270	1.90	cps
Sulfur	34-1	250145	245833	244173	246717	1.25	cps
Terbium	159-1	8967049	8734808	8740937	8814265	1.50	cps
Terbium	159-2	3558525	3610898	3531462	3566961	1.13	cps
Thallium	203-1	933	817	717	822	13.19	cps
Thallium	205-1	1975	1917	1950	1947	1.50	cps
Tin	118-1	5585	5235	5835	5551	5.43	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-01DLX5	Instrumnet Name :	P8
Client Sample ID :	YB6X2	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 17:48:36	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	109971	113936	110910	111605	1.86	cps
Uranium	238-1	4734	4834	4676	4748	1.69	cps
Vanadium	51-2	22324	22428	21386	22046	2.60	cps
Ytterbium	172-1	1142	1008	858	1003	14.14	cps
Ytterbium	172-2	344	400	478	407	16.44	cps
Ytterbium	176-1	1533	1700	1625	1620	5.15	cps
Ytterbium	176-2	5012	4751	4912	4892	2.69	cps
Yttrium	89-1	11019254	10786759	11299643	11035218	2.33	cps
Yttrium	89-2	1281581	1275231	1252684	1269832	1.20	cps
Zinc	66-2	12436	12522	12132	12363	1.66	cps
Zirconium	90-1	4359	4292	3984	4212	4.75	cps
Zirconium	91-1	975	1142	1092	1070	8.00	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 17:51:38	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	651012	639457	633311	641260	1.40	cps
Antimony	121-1	3401	3492	3634	3509	3.35	cps
Arsenic	75-2	99097	97877	98247	98407	0.64	cps
Barium	135-1	150565	150447	150348	150453	0.07	cps
Barium	137-1	258590	258059	263218	259956	1.09	cps
Beryllium	9-1	786	826	846	819	3.73	cps
Bismuth	209-1	5258087	5229395	5315997	5267826	0.84	cps
Bismuth	209-2	2489213	2315792	2294272	2366426	4.52	cps
Boron	10-1	2000	2026	2278	2101	7.31	cps
Boron	11-1	8773	9085	8765	8874	2.06	cps
Bromine	81-1	37408	34950	36987	36448	3.61	cps
Cadmium	111-1	2905	2900	2882	2896	0.41	cps
Cadmium	106-1	3351	3300	3292	3314	0.95	cps
Cadmium	108-1	142	217	133	164	28.00	cps
Calcium	43-1	103704	104816	104966	104495	0.66	cps
Calcium	44-1	1666951	1752774	1701678	1707134	2.53	cps
Carbon	12-1	5307088	5328603	5354080	5329924	0.44	cps
Carbon	12-2	62584	61805	62057	62149	0.64	cps
Chlorine	35-1	12642494	14902490	16322564	14622516	12.69	cps
Chlorine	35-2	156372	158031	161520	158641	1.66	cps
Chromium	52-2	52757	52008	51369	52044	1.33	cps
Cobalt	59-2	76247	72520	71978	73582	3.16	cps
Copper	63-2	162676	159414	161780	161290	1.04	cps
Dysprosium	156-1	9821	10279	9879	9993	2.50	cps
Dysprosium	156-2	4221	4171	4257	4216	1.03	cps
Erbium	164-1	10663	10921	10671	10752	1.37	cps
Erbium	164-2	4497	4131	4214	4281	4.49	cps
Gadolinium	160-1	10529	10521	10304	10452	1.22	cps
Gadolinium	160-2	4698	4621	4557	4625	1.52	cps
Holmium	165-1	8454949	8347362	8464463	8422258	0.77	cps
Holmium	165-2	3651874	3506484	3364456	3507605	4.10	cps
Indium	115-1	7368322	7126508	7306177	7267002	1.73	cps
Indium	115-2	1193270	1171916	1125383	1163523	2.98	cps
Iron	54-2	2716701	2567574	2709529	2664601	3.16	cps
Iron	56-2	49233609	47890747	48075915	48400090	1.50	cps
Iron	57-2	1193279	1182786	1159437	1178500	1.47	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 17:51:38	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4155	4096	4113	4121	0.74	cps
Lead	206-1	435531	441527	443699	440252	0.96	cps
Lead	207-1	368704	366497	373608	369603	0.98	cps
Lead	208-1	1708020	1715423	1747135	1723526	1.21	cps
Lithium	6-1	3632073	3587001	3613836	3610970	0.63	cps
Magnesium	24-2	1176942	1125774	1131841	1144852	2.44	cps
Manganese	55-2	693806	681947	686289	687347	0.87	cps
Molybdenum	94-1	5151	5093	5151	5132	0.66	cps
Molybdenum	95-1	4768	4701	4442	4637	3.70	cps
Molybdenum	96-1	8036	8870	7986	8297	5.98	cps
Molybdenum	97-1	2792	3042	3000	2945	4.55	cps
Molybdenum	98-1	6952	7411	7694	7352	5.09	cps
Neodymium	150-1	13761	14368	13961	14030	2.21	cps
Neodymium	150-2	4544	4658	4537	4580	1.47	cps
Nickel	60-2	29507	28589	29270	29122	1.64	cps
Phosphorus	31-2	2825	2667	2525	2673	5.62	cps
Potassium	39-2	141980	137687	138083	139250	1.70	cps
Rhodium	103-1	7064333	6863275	6969769	6965792	1.44	cps
Rhodium	103-2	2907268	2829118	2737719	2824702	3.00	cps
Scandium	45-1	5240771	5324278	5216870	5260640	1.07	cps
Scandium	45-2	172130	163577	160730	165479	3.59	cps
Selenium	82-1	-16	158	98	80	110.88	cps
Selenium	77-2	20	23	17	20	16.65	cps
Selenium	78-2	125	138	115	126	9.16	cps
Silicon	28-1	8110455	8280487	8077092	8156011	1.34	cps
Silver	107-1	3459	3759	3442	3553	5.02	cps
Silver	109-1	3517	3234	3267	3339	4.64	cps
Sodium	23-2	59246	58869	58258	58791	0.85	cps
Strontium	86-1	102141	101870	101100	101704	0.53	cps
Strontium	88-1	816075	820862	824504	820480	0.52	cps
Sulfur	34-1	265662	263896	260451	263336	1.01	cps
Terbium	159-1	8779197	8784237	8949333	8837589	1.10	cps
Terbium	159-2	3689075	3533834	3392919	3538609	4.19	cps
Thallium	203-1	775	825	942	847	10.10	cps
Thallium	205-1	1834	2017	2225	2025	9.68	cps
Tin	118-1	12815	12598	12431	12614	1.53	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X3	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 17:51:38	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	203954	210836	209054	207948	1.72	cps
Uranium	238-1	7703	7769	8094	7855	2.67	cps
Vanadium	51-2	82211	78977	78451	79879	2.55	cps
Ytterbium	172-1	3451	3684	3576	3570	3.27	cps
Ytterbium	172-2	1717	1428	1639	1595	9.38	cps
Ytterbium	176-1	3217	3350	3476	3348	3.86	cps
Ytterbium	176-2	5518	5262	5512	5431	2.69	cps
Yttrium	89-1	11456909	11406285	11539819	11467671	0.59	cps
Yttrium	89-2	1347285	1295600	1246535	1296473	3.89	cps
Zinc	66-2	109534	108021	106370	107975	1.47	cps
Zirconium	90-1	6552	6552	6410	6504	1.26	cps
Zirconium	91-1	1675	1592	1742	1670	4.50	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : N2840-03DLX10 Instrumnet Name : P8
 Client Sample ID : YB6X4 Dilution Factor : 10
 Date & Time Acquired :: 2022-05-18 17:54:39 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56296	55871	55100	55756	1.09	cps
Antimony	121-1	3601	3734	3792	3709	2.65	cps
Arsenic	75-2	70760	71209	70168	70712	0.74	cps
Barium	135-1	51783	50135	51733	51217	1.83	cps
Barium	137-1	88859	89278	89304	89147	0.28	cps
Beryllium	9-1	92	102	92	95	6.06	cps
Bismuth	209-1	5030646	5125770	5350943	5169120	3.18	cps
Bismuth	209-2	1689067	1816710	2370853	1958877	18.50	cps
Boron	10-1	1402	1486	1370	1419	4.22	cps
Boron	11-1	6212	6120	6188	6173	0.77	cps
Bromine	81-1	35823	35332	36134	35763	1.13	cps
Cadmium	111-1	1829	2011	2226	2022	9.82	cps
Cadmium	106-1	2592	2834	3125	2850	9.37	cps
Cadmium	108-1	50	50	58	53	9.11	cps
Calcium	43-1	7726	7745	7859	7777	0.92	cps
Calcium	44-1	120199	121611	122454	121421	0.94	cps
Carbon	12-1	3641847	3542478	3539355	3574560	1.63	cps
Carbon	12-2	41509	40573	39654	40579	2.29	cps
Chlorine	35-1	6169029	6369797	6485381	6341402	2.52	cps
Chlorine	35-2	55858	55114	56386	55786	1.15	cps
Chromium	52-2	3701	3667	3777	3715	1.52	cps
Cobalt	59-2	3587	3497	3530	3538	1.29	cps
Copper	63-2	25797	25970	26311	26026	1.01	cps
Dysprosium	156-1	983	950	842	925	8.01	cps
Dysprosium	156-2	293	283	317	298	5.74	cps
Erbium	164-1	867	800	717	794	9.46	cps
Erbium	164-2	267	310	330	302	10.71	cps
Gadolinium	160-1	592	792	717	700	14.43	cps
Gadolinium	160-2	363	443	410	406	9.91	cps
Holmium	165-1	8104697	8212753	8413871	8243774	1.90	cps
Holmium	165-2	2452531	2741694	3513614	2902613	18.90	cps
Indium	115-1	7043684	7334561	7196817	7191688	2.02	cps
Indium	115-2	817589	893633	1160371	957198	18.81	cps
Iron	54-2	739869	742216	731125	737736	0.79	cps
Iron	56-2	13728323	13899875	13546550	13724916	1.29	cps
Iron	57-2	333914	335297	331001	333404	0.66	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:54:39	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4181	4134	4255	4190	1.46	cps
Lead	206-1	1372594	1391199	1387804	1383866	0.72	cps
Lead	207-1	1144271	1115850	1146262	1135461	1.50	cps
Lead	208-1	5398768	5406654	5506264	5437228	1.10	cps
Lithium	6-1	3439597	3595410	3511671	3515560	2.22	cps
Magnesium	24-2	87531	91848	90239	89872	2.43	cps
Manganese	55-2	38014	37061	36965	37347	1.55	cps
Molybdenum	94-1	14708	14016	14466	14397	2.44	cps
Molybdenum	95-1	22469	23086	22920	22825	1.40	cps
Molybdenum	96-1	25917	25215	25174	25435	1.64	cps
Molybdenum	97-1	13649	13849	14182	13893	1.94	cps
Molybdenum	98-1	36541	37409	35997	36649	1.94	cps
Neodymium	150-1	1113	1147	1273	1178	7.17	cps
Neodymium	150-2	427	417	363	402	8.47	cps
Nickel	60-2	1133	1173	1013	1107	7.52	cps
Phosphorus	31-2	317	408	342	356	13.33	cps
Potassium	39-2	62201	63549	61155	62302	1.93	cps
Rhodium	103-1	6850335	6762942	6975194	6862824	1.55	cps
Rhodium	103-2	2000448	2092140	2770222	2287603	18.38	cps
Scandium	45-1	5014279	5214035	5155749	5128021	2.00	cps
Scandium	45-2	114212	121469	160882	132188	19.00	cps
Selenium	82-1	451	318	214	328	36.36	cps
Selenium	77-2	13	17	7	12	41.65	cps
Selenium	78-2	116	159	139	138	15.59	cps
Silicon	28-1	1456199	1459075	1450797	1455357	0.29	cps
Silver	107-1	12122	12981	13315	12806	4.81	cps
Silver	109-1	12281	12239	12665	12395	1.89	cps
Sodium	23-2	42170	43407	42295	42624	1.60	cps
Strontium	86-1	133149	138424	139183	136918	2.40	cps
Strontium	88-1	1124235	1127497	1141094	1130942	0.79	cps
Sulfur	34-1	280586	281735	280648	280990	0.23	cps
Terbium	159-1	8738271	8670220	8638978	8682490	0.58	cps
Terbium	159-2	2483739	2701524	3514126	2899796	18.73	cps
Thallium	203-1	592	608	633	611	3.43	cps
Thallium	205-1	1317	1250	1383	1317	5.06	cps
Tin	118-1	3601	3717	3342	3553	5.40	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-03DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X4	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:54:39	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	61792	62629	62906	62442	0.93	cps
Uranium	238-1	517	492	542	517	4.84	cps
Vanadium	51-2	9927	9854	9540	9773	2.10	cps
Ytterbium	172-1	333	300	208	281	23.07	cps
Ytterbium	172-2	150	94	172	139	28.84	cps
Ytterbium	176-1	1200	1250	1125	1192	5.28	cps
Ytterbium	176-2	3134	3712	4679	3841	20.32	cps
Yttrium	89-1	11291814	11028136	11529687	11283212	2.22	cps
Yttrium	89-2	889343	966917	1267379	1041213	19.18	cps
Zinc	66-2	4247	3994	4087	4110	3.12	cps
Zirconium	90-1	3642	3526	3350	3506	4.19	cps
Zirconium	91-1	992	1033	1067	1031	3.65	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:57:41	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54240	53226	53590	53685	0.96	cps
Antimony	121-1	3192	3392	3275	3287	3.06	cps
Arsenic	75-2	66121	65483	65363	65656	0.62	cps
Barium	135-1	49985	48730	49809	49508	1.37	cps
Barium	137-1	86342	86905	86570	86606	0.33	cps
Beryllium	9-1	70	76	52	66	18.93	cps
Bismuth	209-1	5177348	5262953	5327235	5255845	1.43	cps
Bismuth	209-2	2483498	2811245	2533919	2609554	6.76	cps
Boron	10-1	1282	1326	1220	1276	4.17	cps
Boron	11-1	5586	5454	5620	5553	1.58	cps
Bromine	81-1	36024	35531	33304	34953	4.15	cps
Cadmium	111-1	2187	2152	2009	2116	4.46	cps
Cadmium	106-1	3067	3034	2800	2967	4.90	cps
Cadmium	108-1	79	25	38	47	60.06	cps
Calcium	43-1	7390	7395	7522	7436	1.01	cps
Calcium	44-1	117644	116898	117349	117297	0.32	cps
Carbon	12-1	3534246	3586298	3421546	3514030	2.40	cps
Carbon	12-2	41643	40465	40448	40852	1.68	cps
Chlorine	35-1	4714989	4984292	5157071	4952117	4.50	cps
Chlorine	35-2	46183	46667	46701	46517	0.62	cps
Chromium	52-2	3807	3584	3604	3665	3.37	cps
Cobalt	59-2	3427	3254	3497	3393	3.69	cps
Copper	63-2	23907	23950	23954	23937	0.11	cps
Dysprosium	156-1	725	733	725	728	0.66	cps
Dysprosium	156-2	260	293	323	292	10.84	cps
Erbium	164-1	567	900	683	717	23.60	cps
Erbium	164-2	267	310	303	293	7.96	cps
Gadolinium	160-1	825	708	625	719	13.96	cps
Gadolinium	160-2	327	353	380	353	7.55	cps
Holmium	165-1	8142771	8342117	7948544	8144478	2.42	cps
Holmium	165-2	3520430	4021879	3585838	3709382	7.35	cps
Indium	115-1	7074582	7080855	7223435	7126291	1.18	cps
Indium	115-2	1164781	1353496	1220188	1246155	7.78	cps
Iron	54-2	691486	681189	689462	687379	0.79	cps
Iron	56-2	13022138	12687272	12463915	12724441	2.21	cps
Iron	57-2	321009	305296	309263	311856	2.62	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:57:41	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4086	4004	4088	4059	1.18	cps
Lead	206-1	1301754	1299888	1313453	1305031	0.56	cps
Lead	207-1	1053020	1077946	1071513	1067493	1.21	cps
Lead	208-1	5091077	5153245	5184099	5142807	0.92	cps
Lithium	6-1	3451053	3538245	3598968	3529422	2.11	cps
Magnesium	24-2	88403	87840	88058	88100	0.32	cps
Manganese	55-2	36560	36236	35982	36259	0.80	cps
Molybdenum	94-1	13190	14208	13849	13749	3.75	cps
Molybdenum	95-1	21759	21075	21284	21373	1.64	cps
Molybdenum	96-1	24422	24505	24506	24478	0.20	cps
Molybdenum	97-1	13182	12656	13382	13073	2.87	cps
Molybdenum	98-1	33850	33516	33374	33580	0.73	cps
Neodymium	150-1	1040	1153	1180	1125	6.61	cps
Neodymium	150-2	350	343	317	337	5.24	cps
Nickel	60-2	1170	1113	1127	1137	2.61	cps
Phosphorus	31-2	400	333	300	344	14.78	cps
Potassium	39-2	59306	58394	61030	59576	2.25	cps
Rhodium	103-1	6801401	6689841	6680376	6723872	1.00	cps
Rhodium	103-2	2800746	3186998	2877899	2955214	6.92	cps
Scandium	45-1	4936485	4981747	4999613	4972615	0.65	cps
Scandium	45-2	162470	182765	169037	171424	6.04	cps
Selenium	82-1	166	341	250	253	34.66	cps
Selenium	77-2	20	13	10	14	35.26	cps
Selenium	78-2	140	128	122	130	7.05	cps
Silicon	28-1	1489043	1487486	1488195	1488241	0.05	cps
Silver	107-1	12506	12322	12748	12525	1.70	cps
Silver	109-1	11397	11830	11897	11708	2.32	cps
Sodium	23-2	40941	40716	39379	40345	2.09	cps
Strontium	86-1	130188	130585	129355	130042	0.48	cps
Strontium	88-1	1080709	1069651	1066121	1072160	0.71	cps
Sulfur	34-1	271281	276264	272892	273479	0.93	cps
Terbium	159-1	8590619	8671036	8771273	8677643	1.04	cps
Terbium	159-2	3597029	4029812	3675224	3767355	6.12	cps
Thallium	203-1	625	617	600	614	2.07	cps
Thallium	205-1	1592	1475	1425	1497	5.71	cps
Tin	118-1	3609	3526	3142	3426	7.27	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-04DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6X5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 17:57:41	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	58361	58394	58453	58403	0.08	cps
Uranium	238-1	575	492	542	536	7.82	cps
Vanadium	51-2	9100	9163	8973	9079	1.07	cps
Ytterbium	172-1	342	325	283	317	9.49	cps
Ytterbium	172-2	111	172	139	141	21.74	cps
Ytterbium	176-1	983	1367	1150	1167	16.48	cps
Ytterbium	176-2	4468	5268	4784	4840	8.33	cps
Yttrium	89-1	11035175	11151718	10998810	11061901	0.72	cps
Yttrium	89-2	1282304	1463445	1338912	1361554	6.81	cps
Zinc	66-2	4194	4077	4074	4115	1.66	cps
Zirconium	90-1	3734	3484	3976	3731	6.59	cps
Zirconium	91-1	767	858	992	872	12.97	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:00:44	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	735865	750041	743122	743009	0.95	cps
Antimony	121-1	3200	3034	3234	3156	3.40	cps
Arsenic	75-2	153329	153542	151901	152924	0.58	cps
Barium	135-1	185206	186990	191781	187992	1.81	cps
Barium	137-1	325289	327377	327314	326660	0.36	cps
Beryllium	9-1	1026	1090	1010	1042	4.06	cps
Bismuth	209-1	4894850	5247493	5149008	5097117	3.57	cps
Bismuth	209-2	2421242	2501995	2434632	2452623	1.76	cps
Boron	10-1	1376	1398	1384	1386	0.80	cps
Boron	11-1	5688	5876	5854	5806	1.77	cps
Bromine	81-1	37851	34990	36957	36599	4.00	cps
Cadmium	111-1	2370	2567	2481	2473	3.98	cps
Cadmium	106-1	2859	3075	2942	2959	3.69	cps
Cadmium	108-1	92	88	113	97	13.78	cps
Calcium	43-1	109508	108436	111770	109905	1.55	cps
Calcium	44-1	1798968	1750884	1781303	1777052	1.37	cps
Carbon	12-1	4059680	4092697	4062470	4071616	0.45	cps
Carbon	12-2	46608	46374	48238	47073	2.16	cps
Chlorine	35-1	13713584	15830752	17799474	15781270	12.95	cps
Chlorine	35-2	164083	173388	178298	171923	4.20	cps
Chromium	52-2	42794	43175	41868	42612	1.58	cps
Cobalt	59-2	61131	60890	61124	61048	0.23	cps
Copper	63-2	185350	186195	187072	186206	0.46	cps
Dysprosium	156-1	12798	13240	13566	13201	2.92	cps
Dysprosium	156-2	5254	5191	5144	5197	1.06	cps
Erbium	164-1	14367	13824	13532	13908	3.04	cps
Erbium	164-2	5405	5284	5631	5440	3.24	cps
Gadolinium	160-1	13065	12807	13933	13268	4.45	cps
Gadolinium	160-2	5831	5818	5845	5831	0.23	cps
Holmium	165-1	7706674	8221561	8489967	8139401	4.89	cps
Holmium	165-2	3576879	3721069	3614838	3637595	2.05	cps
Indium	115-1	6690391	7360467	7417935	7156264	5.65	cps
Indium	115-2	1200057	1206465	1187483	1198002	0.81	cps
Iron	54-2	3615753	3615769	3550249	3593924	1.05	cps
Iron	56-2	66261288	64390088	64087425	64912933	1.81	cps
Iron	57-2	1656998	1654539	1704636	1672057	1.69	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:00:44	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3956	4031	4083	4023	1.58	cps
Lead	206-1	404184	394034	396236	398151	1.34	cps
Lead	207-1	324894	321154	329959	325336	1.36	cps
Lead	208-1	1533788	1510326	1535517	1526544	0.92	cps
Lithium	6-1	3367116	3494248	3583120	3481494	3.12	cps
Magnesium	24-2	1222905	1245615	1238883	1235801	0.94	cps
Manganese	55-2	721892	711551	721952	718465	0.83	cps
Molybdenum	94-1	9153	8570	9028	8917	3.45	cps
Molybdenum	95-1	6377	6268	5985	6210	3.26	cps
Molybdenum	96-1	10880	11630	11130	11213	3.41	cps
Molybdenum	97-1	4242	3734	3917	3965	6.50	cps
Molybdenum	98-1	9762	9870	9704	9779	0.87	cps
Neodymium	150-1	17879	18607	17739	18075	2.58	cps
Neodymium	150-2	5578	5625	5588	5597	0.44	cps
Nickel	60-2	17948	19176	18419	18514	3.35	cps
Phosphorus	31-2	2500	2475	2442	2472	1.18	cps
Potassium	39-2	159063	162148	160756	160655	0.96	cps
Rhodium	103-1	6368561	6773725	6784867	6642384	3.57	cps
Rhodium	103-2	2896539	2864999	2870443	2877327	0.59	cps
Scandium	45-1	4975516	5198611	5385582	5186570	3.96	cps
Scandium	45-2	169500	169378	171363	170080	0.65	cps
Selenium	82-1	369	353	260	327	17.93	cps
Selenium	77-2	33	23	13	23	42.86	cps
Selenium	78-2	113	126	111	117	6.98	cps
Silicon	28-1	10099398	9354482	9504911	9652930	4.08	cps
Silver	107-1	3467	3476	3267	3403	3.47	cps
Silver	109-1	3334	3292	2884	3170	7.85	cps
Sodium	23-2	47428	47093	47219	47247	0.36	cps
Strontium	86-1	102962	103070	106328	104120	1.84	cps
Strontium	88-1	866506	854028	853014	857849	0.88	cps
Sulfur	34-1	239420	236041	233571	236344	1.24	cps
Terbium	159-1	8278886	8948155	9165527	8797522	5.25	cps
Terbium	159-2	3596390	3702889	3599383	3632887	1.67	cps
Thallium	203-1	767	758	983	836	15.26	cps
Thallium	205-1	2067	1917	2150	2045	5.78	cps
Tin	118-1	7386	7486	7119	7330	2.59	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:00:44	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	328019	334625	335034	332559	1.18	cps
Uranium	238-1	10480	9679	10396	10185	4.32	cps
Vanadium	51-2	105486	109943	108972	108133	2.17	cps
Ytterbium	172-1	4601	4668	4726	4665	1.34	cps
Ytterbium	172-2	2095	2339	2134	2189	6.00	cps
Ytterbium	176-1	4051	4026	4034	4037	0.32	cps
Ytterbium	176-2	5290	5874	6290	5818	8.64	cps
Yttrium	89-1	10926049	11521447	11630590	11359362	3.34	cps
Yttrium	89-2	1349454	1349769	1320950	1340058	1.23	cps
Zinc	66-2	40127	39465	39759	39784	0.83	cps
Zirconium	90-1	15276	15033	14942	15084	1.14	cps
Zirconium	91-1	3926	3684	3551	3720	5.11	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DL2X5	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 18:03:42	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286473	281600	281696	283256	0.98	cps
Antimony	121-1	1200	1175	1300	1225	5.40	cps
Arsenic	75-2	59091	59428	58911	59143	0.44	cps
Barium	135-1	72202	70861	72268	71777	1.11	cps
Barium	137-1	124807	125076	124866	124916	0.11	cps
Beryllium	9-1	422	402	416	413	2.48	cps
Bismuth	209-1	5349712	4991811	5477514	5273012	4.77	cps
Bismuth	209-2	2534175	2479044	2486262	2499827	1.20	cps
Boron	10-1	1126	1112	1150	1129	1.70	cps
Boron	11-1	4714	4698	4846	4753	1.71	cps
Bromine	81-1	36486	37570	35513	36523	2.82	cps
Cadmium	111-1	2042	2269	2112	2141	5.44	cps
Cadmium	106-1	2725	3034	2767	2842	5.89	cps
Cadmium	108-1	71	54	29	51	40.80	cps
Calcium	43-1	42363	42793	42519	42558	0.51	cps
Calcium	44-1	681536	691733	680670	684646	0.90	cps
Carbon	12-1	3755922	3671716	3686130	3704589	1.22	cps
Carbon	12-2	41852	42905	42596	42451	1.28	cps
Chlorine	35-1	8929970	9474783	9749024	9384592	4.44	cps
Chlorine	35-2	87548	86785	88101	87478	0.76	cps
Chromium	52-2	16970	16580	17237	16929	1.95	cps
Cobalt	59-2	23920	23289	24184	23798	1.93	cps
Copper	63-2	73081	73778	74548	73802	0.99	cps
Dysprosium	156-1	4818	5093	4893	4934	2.88	cps
Dysprosium	156-2	2120	2010	1787	1972	8.61	cps
Erbium	164-1	5201	5535	5501	5412	3.39	cps
Erbium	164-2	2060	1950	2100	2037	3.81	cps
Gadolinium	160-1	5451	4984	5293	5243	4.53	cps
Gadolinium	160-2	2514	2254	2404	2390	5.46	cps
Holmium	165-1	8489605	8093193	8549114	8377304	2.96	cps
Holmium	165-2	3688392	3692050	3617313	3665918	1.15	cps
Indium	115-1	7323205	6828125	7445828	7199053	4.54	cps
Indium	115-2	1265133	1220171	1216695	1234000	2.19	cps
Iron	54-2	1390762	1445187	1394507	1410152	2.16	cps
Iron	56-2	25489851	25531580	25619932	25547121	0.26	cps
Iron	57-2	608531	617027	619532	615030	0.94	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DL2X5	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 18:03:42	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3995	4070	3956	4007	1.44	cps
Lead	206-1	149049	157412	155862	154108	2.89	cps
Lead	207-1	125773	126463	126328	126188	0.29	cps
Lead	208-1	583626	598568	596763	592986	1.38	cps
Lithium	6-1	3496094	3280675	3643655	3473474	5.26	cps
Magnesium	24-2	470691	474793	476433	473972	0.62	cps
Manganese	55-2	276367	281718	278591	278892	0.96	cps
Molybdenum	94-1	3601	3517	3751	3623	3.26	cps
Molybdenum	95-1	2725	2625	2409	2586	6.26	cps
Molybdenum	96-1	4426	4359	4709	4498	4.13	cps
Molybdenum	97-1	1717	1650	1458	1608	8.34	cps
Molybdenum	98-1	3901	3984	3976	3953	1.16	cps
Neodymium	150-1	6722	7009	7075	6935	2.71	cps
Neodymium	150-2	2217	2414	2220	2284	4.93	cps
Nickel	60-2	7219	7856	7619	7564	4.26	cps
Phosphorus	31-2	983	983	925	964	3.49	cps
Potassium	39-2	70800	71419	71327	71182	0.47	cps
Rhodium	103-1	7004958	6518410	6963436	6828935	3.95	cps
Rhodium	103-2	3057617	3003149	2965920	3008896	1.53	cps
Scandium	45-1	5234933	5046700	5250961	5177531	2.19	cps
Scandium	45-2	174241	170178	168592	171004	1.70	cps
Selenium	82-1	163	81	335	193	67.17	cps
Selenium	77-2	27	20	10	19	44.42	cps
Selenium	78-2	111	114	104	110	4.68	cps
Silicon	28-1	3923033	3943364	3862488	3909628	1.08	cps
Silver	107-1	1342	1317	1350	1336	1.30	cps
Silver	109-1	1183	1183	1133	1167	2.47	cps
Sodium	23-2	27368	28253	28612	28078	2.28	cps
Strontium	86-1	45065	44472	44723	44753	0.67	cps
Strontium	88-1	322915	331007	330069	327997	1.35	cps
Sulfur	34-1	186555	189866	185011	187144	1.33	cps
Terbium	159-1	8844782	8175911	9006994	8675896	5.08	cps
Terbium	159-2	3776394	3773456	3649621	3733157	1.94	cps
Thallium	203-1	442	492	567	500	12.58	cps
Thallium	205-1	1258	1392	1175	1275	8.57	cps
Tin	118-1	3884	3776	3867	3842	1.52	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-07DL2X5	Instrumnet Name :	P8
Client Sample ID :	YB6X8	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 18:03:42	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	127046	127751	126884	127227	0.36	cps
Uranium	238-1	3651	3859	3851	3787	3.12	cps
Vanadium	51-2	41717	42446	42015	42060	0.87	cps
Ytterbium	172-1	2034	2100	1667	1934	12.07	cps
Ytterbium	172-2	895	789	878	854	6.65	cps
Ytterbium	176-1	2217	2200	2292	2236	2.18	cps
Ytterbium	176-2	5107	5184	5540	5277	4.38	cps
Yttrium	89-1	11236766	10775098	11616051	11209305	3.76	cps
Yttrium	89-2	1379447	1335673	1331396	1348839	1.97	cps
Zinc	66-2	15522	15686	15302	15503	1.24	cps
Zirconium	90-1	5626	5918	5751	5765	2.54	cps
Zirconium	91-1	1342	1483	1258	1361	8.36	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:06:46	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144833	144671	144250	144585	0.21	cps
Antimony	121-1	842	950	775	856	10.32	cps
Arsenic	75-2	67836	68062	66769	67556	1.02	cps
Barium	135-1	67250	70007	66363	67873	2.80	cps
Barium	137-1	115432	114717	118165	116105	1.57	cps
Beryllium	9-1	236	248	288	257	10.58	cps
Bismuth	209-1	5116623	5242158	5211023	5189935	1.26	cps
Bismuth	209-2	2393160	2409461	2463956	2422192	1.53	cps
Boron	10-1	954	992	902	949	4.76	cps
Boron	11-1	4038	4162	4168	4122	1.78	cps
Bromine	81-1	35412	36225	35673	35770	1.16	cps
Cadmium	111-1	2107	2049	2005	2054	2.49	cps
Cadmium	106-1	2917	2800	2800	2839	2.37	cps
Cadmium	108-1	8	33	38	26	59.79	cps
Calcium	43-1	16977	16930	17129	17012	0.61	cps
Calcium	44-1	276928	277716	279331	277992	0.44	cps
Carbon	12-1	3625806	3571200	3599264	3598757	0.76	cps
Carbon	12-2	40523	41217	40548	40763	0.97	cps
Chlorine	35-1	5702640	6075841	6058191	5945558	3.54	cps
Chlorine	35-2	53382	54637	54663	54227	1.35	cps
Chromium	52-2	20431	19537	19607	19858	2.51	cps
Cobalt	59-2	6648	7109	6938	6898	3.37	cps
Copper	63-2	38686	38623	38108	38472	0.82	cps
Dysprosium	156-1	1884	2067	2209	2053	7.94	cps
Dysprosium	156-2	897	850	873	873	2.67	cps
Erbium	164-1	2267	2134	2200	2200	3.03	cps
Erbium	164-2	867	913	873	884	2.85	cps
Gadolinium	160-1	2142	2084	2142	2122	1.59	cps
Gadolinium	160-2	963	967	960	963	0.35	cps
Holmium	165-1	8286678	8208575	8359409	8284887	0.91	cps
Holmium	165-2	3660537	3589828	3606785	3619050	1.02	cps
Indium	115-1	7235244	7318523	7413711	7322493	1.22	cps
Indium	115-2	1199569	1204543	1196497	1200203	0.34	cps
Iron	54-2	1113289	1096234	1095810	1101778	0.91	cps
Iron	56-2	20445657	20700654	19866481	20337597	2.10	cps
Iron	57-2	498857	498076	489299	495411	1.07	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:06:46	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4029	4074	4069	4057	0.61	cps
Lead	206-1	260853	263824	271370	265349	2.04	cps
Lead	207-1	220699	223846	223578	222707	0.78	cps
Lead	208-1	1015406	1033068	1038217	1028897	1.16	cps
Lithium	6-1	3361732	3403769	3536962	3434154	2.66	cps
Magnesium	24-2	139786	139912	142252	140650	0.99	cps
Manganese	55-2	68846	68299	67513	68219	0.98	cps
Molybdenum	94-1	4259	4643	4718	4540	5.42	cps
Molybdenum	95-1	3667	4217	4009	3965	7.01	cps
Molybdenum	96-1	5926	6018	5785	5910	1.99	cps
Molybdenum	97-1	2350	2550	2625	2509	5.67	cps
Molybdenum	98-1	6410	6035	6135	6193	3.14	cps
Neodymium	150-1	2760	2920	2880	2854	2.92	cps
Neodymium	150-2	997	1020	900	972	6.54	cps
Nickel	60-2	2804	2927	2564	2765	6.68	cps
Phosphorus	31-2	608	750	633	664	11.39	cps
Potassium	39-2	96136	98016	96581	96911	1.01	cps
Rhodium	103-1	6898328	6811037	6738056	6815807	1.18	cps
Rhodium	103-2	2872718	2880017	2870687	2874474	0.17	cps
Scandium	45-1	5226077	5081365	5080018	5129154	1.64	cps
Scandium	45-2	165118	169281	165047	166482	1.46	cps
Selenium	82-1	90	39	-150	-7	-1784.63	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	121	107	122	117	7.19	cps
Silicon	28-1	2063998	2039103	2080505	2061202	1.01	cps
Silver	107-1	1759	2050	1742	1850	9.37	cps
Silver	109-1	1700	1784	1859	1781	4.45	cps
Sodium	23-2	24671	24245	25055	24657	1.64	cps
Strontium	86-1	67103	68686	69348	68379	1.69	cps
Strontium	88-1	542571	540164	547263	543333	0.66	cps
Sulfur	34-1	218124	217692	217913	217910	0.10	cps
Terbium	159-1	8852597	8790529	9030839	8891321	1.40	cps
Terbium	159-2	3597321	3678600	3537557	3604493	1.96	cps
Thallium	203-1	492	508	550	517	5.82	cps
Thallium	205-1	1267	1317	1267	1283	2.25	cps
Tin	118-1	2375	2217	2600	2398	8.04	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-14DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y5	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:06:46	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	106513	108040	108108	107554	0.84	cps
Uranium	238-1	1900	1817	1575	1764	9.57	cps
Vanadium	51-2	35063	35170	35541	35258	0.71	cps
Ytterbium	172-1	917	967	858	914	5.93	cps
Ytterbium	172-2	394	383	339	372	7.90	cps
Ytterbium	176-1	1625	1583	1608	1606	1.31	cps
Ytterbium	176-2	4662	5012	5157	4944	5.14	cps
Yttrium	89-1	11344477	11379887	11594406	11439590	1.18	cps
Yttrium	89-2	1331935	1320646	1300926	1317836	1.19	cps
Zinc	66-2	4007	4007	3944	3986	0.92	cps
Zirconium	90-1	5868	6635	5685	6063	8.32	cps
Zirconium	91-1	1767	1517	1425	1570	11.27	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:09:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123407	121825	120251	121828	1.30	cps
Antimony	121-1	725	742	867	778	9.96	cps
Arsenic	75-2	56693	56232	55375	56100	1.19	cps
Barium	135-1	55297	55021	56268	55529	1.18	cps
Barium	137-1	96024	94983	98315	96441	1.77	cps
Beryllium	9-1	248	234	218	233	6.43	cps
Bismuth	209-1	4986690	3770155	4635884	4464243	14.03	cps
Bismuth	209-2	2394122	2489868	2443038	2442343	1.96	cps
Boron	10-1	918	838	932	896	5.66	cps
Boron	11-1	3804	3886	3808	3832	1.21	cps
Bromine	81-1	37078	36104	35783	36322	1.86	cps
Cadmium	111-1	2034	1549	1560	1714	16.15	cps
Cadmium	106-1	2825	2092	2159	2359	17.20	cps
Cadmium	108-1	33	17	25	25	33.32	cps
Calcium	43-1	13998	14588	14666	14417	2.53	cps
Calcium	44-1	234508	234076	237379	235321	0.76	cps
Carbon	12-1	3621934	3586395	3643335	3617222	0.80	cps
Carbon	12-2	41618	41375	41209	41401	0.50	cps
Chlorine	35-1	4756382	4969746	5165049	4963726	4.12	cps
Chlorine	35-2	46609	48407	47111	47375	1.96	cps
Chromium	52-2	16239	15622	15712	15858	2.10	cps
Cobalt	59-2	6081	6101	5755	5979	3.26	cps
Copper	63-2	32297	32127	31953	32125	0.54	cps
Dysprosium	156-1	1867	1784	1558	1736	9.19	cps
Dysprosium	156-2	710	640	763	704	8.78	cps
Erbium	164-1	1759	1759	1542	1686	7.42	cps
Erbium	164-2	753	737	727	739	1.82	cps
Gadolinium	160-1	1859	1442	1900	1733	14.62	cps
Gadolinium	160-2	930	860	803	864	7.34	cps
Holmium	165-1	8103014	6184548	7429153	7238905	13.45	cps
Holmium	165-2	3555268	3413184	3574108	3514187	2.50	cps
Indium	115-1	6953625	5278906	6412315	6214948	13.75	cps
Indium	115-2	1188880	1200268	1191692	1193613	0.50	cps
Iron	54-2	924763	894188	876498	898483	2.72	cps
Iron	56-2	17232094	16693166	16406241	16777167	2.50	cps
Iron	57-2	410984	417033	400838	409618	2.00	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:09:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4048	4130	4164	4114	1.45	cps
Lead	206-1	215773	219647	222584	219335	1.56	cps
Lead	207-1	178541	186055	178839	181145	2.35	cps
Lead	208-1	843855	846535	848301	846230	0.26	cps
Lithium	6-1	3216165	2543426	3102899	2954163	12.19	cps
Magnesium	24-2	120530	119791	116835	119052	1.64	cps
Manganese	55-2	58225	57217	56170	57204	1.80	cps
Molybdenum	94-1	4151	3551	3784	3828	7.90	cps
Molybdenum	95-1	3384	3384	3167	3312	3.78	cps
Molybdenum	96-1	5243	5209	5126	5193	1.16	cps
Molybdenum	97-1	1900	2142	1925	1989	6.68	cps
Molybdenum	98-1	5193	4968	5201	5121	2.59	cps
Neodymium	150-1	2687	2794	2680	2720	2.34	cps
Neodymium	150-2	893	757	820	823	8.31	cps
Nickel	60-2	2487	2410	2264	2387	4.76	cps
Phosphorus	31-2	642	567	558	589	7.79	cps
Potassium	39-2	85855	84732	81397	83995	2.76	cps
Rhodium	103-1	6550964	5005892	5846788	5801214	13.33	cps
Rhodium	103-2	2883570	2894579	2825898	2868015	1.29	cps
Scandium	45-1	4910591	3731030	4461466	4367696	13.63	cps
Scandium	45-2	169139	165409	161184	165244	2.41	cps
Selenium	82-1	1	161	-55	36	313.07	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	95	104	126	108	14.72	cps
Silicon	28-1	2048899	2046932	2039462	2045098	0.24	cps
Silver	107-1	1442	1292	1467	1400	6.76	cps
Silver	109-1	1317	1358	1458	1378	5.28	cps
Sodium	23-2	23261	23294	22726	23094	1.38	cps
Strontium	86-1	55679	57210	56565	56484	1.36	cps
Strontium	88-1	443753	437544	435069	438789	1.02	cps
Sulfur	34-1	207350	208187	207883	207807	0.20	cps
Terbium	159-1	8699287	6410570	7932265	7680707	15.17	cps
Terbium	159-2	3620095	3582959	3561955	3588337	0.82	cps
Thallium	203-1	567	325	458	450	26.90	cps
Thallium	205-1	1267	1267	1325	1286	2.62	cps
Tin	118-1	2359	1959	2217	2178	9.31	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-15DLX10	Instrumnet Name :	P8
Client Sample ID :	YB6Y6	Dilution Factor :	10
Date & Time Acquired ::	2022-05-18 18:09:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	94108	94981	94998	94696	0.54	cps
Uranium	238-1	1333	1600	1367	1433	10.14	cps
Vanadium	51-2	29273	29300	28111	28895	2.35	cps
Ytterbium	172-1	750	650	783	728	9.53	cps
Ytterbium	172-2	272	417	383	357	21.16	cps
Ytterbium	176-1	1400	1092	1383	1292	13.43	cps
Ytterbium	176-2	4473	4757	4801	4677	3.80	cps
Yttrium	89-1	10855294	7959780	9868078	9561051	15.40	cps
Yttrium	89-2	1301617	1298536	1298395	1299516	0.14	cps
Zinc	66-2	3430	3634	3314	3459	4.68	cps
Zirconium	90-1	5493	5568	5468	5510	0.94	cps
Zirconium	91-1	1525	1542	1325	1464	8.24	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:12:52	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	782022	762602	759243	767955	1.60	cps
Antimony	121-1	4676	4351	4443	4490	3.73	cps
Arsenic	75-2	113182	110716	110904	111601	1.23	cps
Barium	135-1	272578	271686	266894	270386	1.13	cps
Barium	137-1	460794	467626	470537	466319	1.07	cps
Beryllium	9-1	1440	1416	1444	1433	1.06	cps
Bismuth	209-1	5188312	5276908	5306753	5257324	1.17	cps
Bismuth	209-2	2217971	2401162	2417143	2345426	4.72	cps
Boron	10-1	1052	1156	1172	1126	5.78	cps
Boron	11-1	4938	4926	4928	4931	0.13	cps
Bromine	81-1	36084	37298	37470	36951	2.04	cps
Cadmium	111-1	2585	2275	2257	2372	7.77	cps
Cadmium	106-1	3325	2875	2925	3042	8.11	cps
Cadmium	108-1	50	96	71	72	31.77	cps
Calcium	43-1	65390	65430	65511	65444	0.09	cps
Calcium	44-1	1056175	1060018	1073449	1063214	0.85	cps
Carbon	12-1	5099843	5125564	5182731	5136046	0.83	cps
Carbon	12-2	59471	57622	58919	58671	1.62	cps
Chlorine	35-1	12131274	14085220	15504871	13907122	12.18	cps
Chlorine	35-2	148254	151386	150258	149966	1.06	cps
Chromium	52-2	41360	40868	39548	40592	2.31	cps
Cobalt	59-2	51065	50352	50071	50496	1.01	cps
Copper	63-2	128075	124693	126999	126589	1.37	cps
Dysprosium	156-1	19381	19798	19406	19529	1.20	cps
Dysprosium	156-2	7999	7826	8032	7952	1.40	cps
Erbium	164-1	20834	20625	21042	20834	1.00	cps
Erbium	164-2	8406	8389	8416	8404	0.16	cps
Gadolinium	160-1	20232	19314	20233	19927	2.66	cps
Gadolinium	160-2	8943	8983	8736	8887	1.49	cps
Holmium	165-1	8497654	8389326	8689927	8525636	1.79	cps
Holmium	165-2	3240862	3544665	3601059	3462195	5.60	cps
Indium	115-1	7140273	7349402	7389728	7293134	1.84	cps
Indium	115-2	1046024	1186166	1192374	1141521	7.25	cps
Iron	54-2	4307314	4074387	4119192	4166964	2.97	cps
Iron	56-2	75284596	74130668	72390838	73935367	1.97	cps
Iron	57-2	1948199	1882562	1829750	1886837	3.14	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:12:52	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4070	4011	4155	4079	1.77	cps
Lead	206-1	558377	569106	570086	565856	1.15	cps
Lead	207-1	457395	466217	471165	464926	1.50	cps
Lead	208-1	2159138	2203175	2199655	2187322	1.12	cps
Lithium	6-1	3562847	3496793	3471784	3510475	1.34	cps
Magnesium	24-2	750863	738007	724929	737933	1.76	cps
Manganese	55-2	751081	738178	735803	741688	1.11	cps
Molybdenum	94-1	14550	14366	14516	14477	0.68	cps
Molybdenum	95-1	7527	7652	7194	7458	3.18	cps
Molybdenum	96-1	14666	14283	14591	14514	1.40	cps
Molybdenum	97-1	4634	4768	4876	4759	2.54	cps
Molybdenum	98-1	12222	12297	12473	12331	1.04	cps
Neodymium	150-1	27869	27281	28524	27892	2.23	cps
Neodymium	150-2	9480	8666	8726	8958	5.06	cps
Nickel	60-2	10424	9773	9864	10020	3.52	cps
Phosphorus	31-2	3784	3350	3392	3509	6.81	cps
Potassium	39-2	360632	363772	366407	363604	0.80	cps
Rhodium	103-1	6980654	6947159	6880750	6936188	0.73	cps
Rhodium	103-2	2600129	2850629	2822030	2757596	4.97	cps
Scandium	45-1	5431616	5205390	5402774	5346593	2.30	cps
Scandium	45-2	148312	166459	166909	160560	6.61	cps
Selenium	82-1	204	206	239	216	9.03	cps
Selenium	77-2	27	77	47	50	50.33	cps
Selenium	78-2	135	147	135	139	4.99	cps
Silicon	28-1	7818235	7874715	8154304	7949084	2.26	cps
Silver	107-1	4468	3934	4326	4242	6.51	cps
Silver	109-1	3876	4117	4051	4015	3.11	cps
Sodium	23-2	33489	33347	33740	33525	0.59	cps
Strontium	86-1	102124	102879	102904	102636	0.43	cps
Strontium	88-1	853294	852564	844118	849992	0.60	cps
Sulfur	34-1	230157	226220	227321	227899	0.89	cps
Terbium	159-1	8880684	8810946	8870928	8854186	0.43	cps
Terbium	159-2	3214557	3546645	3612504	3457902	6.17	cps
Thallium	203-1	917	725	733	792	13.69	cps
Thallium	205-1	1875	1892	2100	1956	6.41	cps
Tin	118-1	6760	7044	7436	7080	4.79	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2840-22DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6Z1	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 18:12:52	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	667450	657522	666658	663877	0.83	cps
Uranium	238-1	10922	12114	11714	11583	5.24	cps
Vanadium	51-2	134825	132296	132367	133163	1.08	cps
Ytterbium	172-1	7878	7969	7244	7697	5.13	cps
Ytterbium	172-2	3595	3495	3300	3463	4.32	cps
Ytterbium	176-1	6043	5785	5443	5757	5.23	cps
Ytterbium	176-2	6279	6785	7008	6691	5.58	cps
Yttrium	89-1	11814254	11823957	11902278	11846830	0.41	cps
Yttrium	89-2	1184305	1321295	1336372	1280658	6.54	cps
Zinc	66-2	21062	20448	20378	20630	1.83	cps
Zirconium	90-1	26100	27595	26451	26715	2.93	cps
Zirconium	91-1	5618	6077	6343	6013	6.10	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-01	Instrumnet Name :	P8
Client Sample ID :	YB6S2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:15:52	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1760113	1739883	1759492	1753163	0.66	cps
Antimony	121-1	4968	4576	4701	4748	4.21	cps
Arsenic	75-2	23411	22780	23156	23115	1.37	cps
Barium	135-1	584286	576873	568978	576712	1.33	cps
Barium	137-1	1004293	1022794	987758	1004948	1.74	cps
Beryllium	9-1	3908	3848	3668	3808	3.28	cps
Bismuth	209-1	5408893	5478980	5318968	5402280	1.48	cps
Bismuth	209-2	2489550	2464337	2514716	2489535	1.01	cps
Boron	10-1	2454	2560	2672	2562	4.26	cps
Boron	11-1	10846	11144	11234	11075	1.83	cps
Bromine	81-1	36927	40229	37599	38252	4.56	cps
Cadmium	111-1	3273	3051	3113	3146	3.64	cps
Cadmium	106-1	3492	3367	3351	3403	2.28	cps
Cadmium	108-1	108	175	113	132	28.30	cps
Calcium	43-1	272031	273928	269476	271812	0.82	cps
Calcium	44-1	4396714	4371781	4266522	4345006	1.59	cps
Carbon	12-1	10644549	10928298	10892978	10821942	1.43	cps
Carbon	12-2	125029	125804	123869	124901	0.78	cps
Chlorine	35-1	32250097	37303924	38959834	36171285	9.66	cps
Chlorine	35-2	362513	375864	386755	375044	3.24	cps
Chromium	52-2	222430	225381	226953	224921	1.02	cps
Cobalt	59-2	171398	171854	172852	172035	0.43	cps
Copper	63-2	346984	345442	349081	347169	0.53	cps
Dysprosium	156-1	52454	49886	48915	50418	3.63	cps
Dysprosium	156-2	19695	19721	20008	19808	0.88	cps
Erbium	164-1	51643	50572	50890	51035	1.08	cps
Erbium	164-2	20433	20389	20549	20457	0.41	cps
Gadolinium	160-1	50856	51157	51048	51021	0.30	cps
Gadolinium	160-2	22920	21948	22599	22489	2.20	cps
Holmium	165-1	8647023	8784816	8664514	8698784	0.86	cps
Holmium	165-2	3626402	3636044	3680560	3647669	0.79	cps
Indium	115-1	7488964	7687244	7380583	7518931	2.07	cps
Indium	115-2	1201432	1192882	1203181	1199165	0.46	cps
Iron	54-2	8740415	8744177	8608465	8697686	0.89	cps
Iron	56-2	160717481	158690965	156463315	158623920	1.34	cps
Iron	57-2	3922342	4010509	3977398	3970083	1.12	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-01	Instrumnet Name :	P8
Client Sample ID :	YB6S2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:15:52	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4239	4211	4029	4160	2.74	cps
Lead	206-1	210027	209241	208656	209308	0.33	cps
Lead	207-1	176838	174460	169841	173713	2.05	cps
Lead	208-1	818796	816915	797734	811148	1.44	cps
Lithium	6-1	3677709	3766467	3707779	3717318	1.21	cps
Magnesium	24-2	1756245	1727660	1706629	1730178	1.44	cps
Manganese	55-2	2760043	2807124	2763013	2776727	0.95	cps
Molybdenum	94-1	14433	13574	13590	13866	3.54	cps
Molybdenum	95-1	3659	3667	3292	3539	6.05	cps
Molybdenum	96-1	15142	15050	14833	15009	1.06	cps
Molybdenum	97-1	2267	1984	2350	2200	8.74	cps
Molybdenum	98-1	5668	5234	4943	5282	6.91	cps
Neodymium	150-1	72475	72274	69172	71307	2.60	cps
Neodymium	150-2	22749	22499	22629	22626	0.55	cps
Nickel	60-2	36016	36771	36821	36536	1.23	cps
Phosphorus	31-2	8820	8378	8203	8467	3.76	cps
Potassium	39-2	810794	820584	818749	816709	0.64	cps
Rhodium	103-1	7144982	7017487	6881965	7014812	1.88	cps
Rhodium	103-2	2889433	2869217	2890483	2883045	0.42	cps
Scandium	45-1	5491909	5568426	5516245	5525526	0.71	cps
Scandium	45-2	176072	174632	180001	176902	1.57	cps
Selenium	82-1	27	39	129	65	85.38	cps
Selenium	77-2	123	120	103	116	9.27	cps
Selenium	78-2	173	157	162	164	4.99	cps
Silicon	28-1	14376764	14405284	14089047	14290365	1.22	cps
Silver	107-1	2542	2317	2192	2350	7.55	cps
Silver	109-1	2084	2367	2175	2209	6.55	cps
Sodium	23-2	39563	41953	40214	40576	3.04	cps
Strontium	86-1	206478	208015	203563	206019	1.10	cps
Strontium	88-1	1780230	1750973	1685726	1738976	2.78	cps
Sulfur	34-1	194307	196424	194611	195114	0.59	cps
Terbium	159-1	9255917	9473779	9116061	9281919	1.94	cps
Terbium	159-2	3644548	3654165	3728820	3675845	1.25	cps
Thallium	203-1	1225	1308	1367	1300	5.48	cps
Thallium	205-1	3059	2975	3150	3062	2.86	cps
Tin	118-1	14341	14708	14116	14388	2.08	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-01	Instrumnet Name :	P8
Client Sample ID :	YB6S2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:15:52	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1398525	1345895	1354590	1366337	2.06	cps
Uranium	238-1	27664	29335	28015	28338	3.11	cps
Vanadium	51-2	388668	376670	383787	383042	1.58	cps
Ytterbium	172-1	18088	17170	18305	17854	3.37	cps
Ytterbium	172-2	7875	7852	7936	7888	0.55	cps
Ytterbium	176-1	11772	11856	11680	11769	0.74	cps
Ytterbium	176-2	9676	9431	9565	9557	1.28	cps
Yttrium	89-1	12698165	12656061	12510489	12621572	0.78	cps
Yttrium	89-2	1416228	1399475	1419560	1411754	0.76	cps
Zinc	66-2	47265	47229	47553	47349	0.38	cps
Zirconium	90-1	32171	32280	30376	31609	3.38	cps
Zirconium	91-1	6935	6994	6985	6971	0.45	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-02	Instrumnet Name :	P8
Client Sample ID :	YB6S3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:18:49	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144687	143082	142248	143339	0.86	cps
Antimony	121-1	11830	11263	12289	11794	4.36	cps
Arsenic	75-2	97097	96416	95617	96377	0.77	cps
Barium	135-1	126843	127675	123150	125889	1.91	cps
Barium	137-1	223125	220531	218504	220720	1.05	cps
Beryllium	9-1	542	548	548	546	0.63	cps
Bismuth	209-1	5517111	5364390	5333353	5404951	1.82	cps
Bismuth	209-2	2412114	2455887	2447977	2438659	0.96	cps
Boron	10-1	2026	2268	2330	2208	7.28	cps
Boron	11-1	9169	9397	9911	9493	4.01	cps
Bromine	81-1	38944	37128	38383	38152	2.44	cps
Cadmium	111-1	3998	4088	3999	4029	1.28	cps
Cadmium	106-1	3326	3284	3217	3275	1.67	cps
Cadmium	108-1	179	146	129	151	16.82	cps
Calcium	43-1	732877	736060	730157	733031	0.40	cps
Calcium	44-1	11863780	12019314	11632573	11838556	1.64	cps
Carbon	12-1	6998083	7128817	7116575	7081158	1.02	cps
Carbon	12-2	79331	80136	79842	79770	0.51	cps
Chlorine	35-1	38691070	42503810	44247971	41814284	6.80	cps
Chlorine	35-2	397968	403039	409647	403552	1.45	cps
Chromium	52-2	15081	15445	15562	15363	1.63	cps
Cobalt	59-2	33356	33002	33155	33171	0.54	cps
Copper	63-2	83752	85533	84430	84572	1.06	cps
Dysprosium	156-1	12848	12565	11847	12420	4.15	cps
Dysprosium	156-2	4938	4884	5001	4941	1.18	cps
Erbium	164-1	14083	14300	13607	13997	2.53	cps
Erbium	164-2	5458	5408	5211	5359	2.43	cps
Gadolinium	160-1	14099	13424	13616	13713	2.54	cps
Gadolinium	160-2	6058	6071	5948	6026	1.12	cps
Holmium	165-1	8711127	8780819	8411791	8634579	2.27	cps
Holmium	165-2	3368870	3547602	3495290	3470587	2.65	cps
Indium	115-1	7675895	7687744	7677786	7680475	0.08	cps
Indium	115-2	1153754	1177842	1170359	1167318	1.06	cps
Iron	54-2	3265794	3342615	3256958	3288456	1.43	cps
Iron	56-2	59492004	60363094	59744393	59866497	0.75	cps
Iron	57-2	1526340	1491589	1492367	1503432	1.32	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-02	Instrumnet Name :	P8
Client Sample ID :	YB6S3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:18:49	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4053	4021	4085	4053	0.79	cps
Lead	206-1	163385	162378	158256	161340	1.68	cps
Lead	207-1	134374	133155	136872	134800	1.41	cps
Lead	208-1	624797	626749	621318	624288	0.44	cps
Lithium	6-1	3622944	3685576	3701602	3670041	1.13	cps
Magnesium	24-2	1795618	1809638	1760274	1788510	1.42	cps
Manganese	55-2	951316	952416	944158	949296	0.47	cps
Molybdenum	94-1	7194	7052	6752	6999	3.22	cps
Molybdenum	95-1	5401	5426	5259	5362	1.68	cps
Molybdenum	96-1	10029	10838	9762	10210	5.49	cps
Molybdenum	97-1	3401	3301	3351	3351	1.49	cps
Molybdenum	98-1	8628	8344	8111	8361	3.10	cps
Neodymium	150-1	12619	12653	12352	12542	1.31	cps
Neodymium	150-2	3881	3944	3881	3902	0.94	cps
Nickel	60-2	26972	26852	27390	27071	1.04	cps
Phosphorus	31-2	6560	6702	6468	6577	1.79	cps
Potassium	39-2	84062	82276	84958	83765	1.63	cps
Rhodium	103-1	7056220	7149176	7149227	7118208	0.75	cps
Rhodium	103-2	2775542	2856353	2856283	2829393	1.65	cps
Scandium	45-1	5543542	5568496	5308152	5473397	2.62	cps
Scandium	45-2	163390	166233	166107	165243	0.97	cps
Selenium	82-1	146	204	191	180	16.77	cps
Selenium	77-2	23	20	17	20	16.65	cps
Selenium	78-2	106	107	132	115	12.81	cps
Silicon	28-1	6178223	6340275	6129930	6216143	1.77	cps
Silver	107-1	3626	3984	3742	3784	4.83	cps
Silver	109-1	3592	3967	3609	3723	5.69	cps
Sodium	23-2	29789	30650	30642	30360	1.63	cps
Strontium	86-1	787700	801465	785089	791418	1.11	cps
Strontium	88-1	6640150	6683308	6751101	6691520	0.84	cps
Sulfur	34-1	253879	262613	265510	260667	2.32	cps
Terbium	159-1	9198691	9114955	8782079	9031909	2.44	cps
Terbium	159-2	3470913	3558178	3586098	3538396	1.70	cps
Thallium	203-1	433	625	600	553	18.85	cps
Thallium	205-1	1225	1167	1267	1220	4.12	cps
Tin	118-1	9895	10071	9929	9965	0.93	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-02	Instrumnet Name :	P8
Client Sample ID :	YB6S3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:18:49	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	74653	72124	73271	73349	1.73	cps
Uranium	238-1	3701	3859	3701	3753	2.44	cps
Vanadium	51-2	18919	18886	19200	19002	0.91	cps
Ytterbium	172-1	4251	4076	3934	4087	3.88	cps
Ytterbium	172-2	1806	1939	1795	1846	4.35	cps
Ytterbium	176-1	3567	3676	3367	3537	4.42	cps
Ytterbium	176-2	5440	5740	5868	5683	3.87	cps
Yttrium	89-1	11881851	11815783	12015302	11904312	0.85	cps
Yttrium	89-2	1287261	1322890	1302454	1304201	1.37	cps
Zinc	66-2	55753	54086	56308	55382	2.09	cps
Zirconium	90-1	9295	8903	9662	9287	4.09	cps
Zirconium	91-1	2509	2150	2592	2417	9.71	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-03	Instrumnet Name :	P8
Client Sample ID :	YB6S4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:21:47	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142652	142574	140714	141980	0.77	cps
Antimony	121-1	13007	12806	12131	12648	3.63	cps
Arsenic	75-2	104629	104121	104468	104406	0.25	cps
Barium	135-1	126406	128281	129358	128015	1.17	cps
Barium	137-1	221577	224230	217078	220962	1.64	cps
Beryllium	9-1	624	566	538	576	7.61	cps
Bismuth	209-1	5052927	5188684	5271201	5170937	2.13	cps
Bismuth	209-2	2348397	2403300	2432845	2394847	1.79	cps
Boron	10-1	2132	2246	2218	2198	2.70	cps
Boron	11-1	8943	9211	9847	9334	4.98	cps
Bromine	81-1	36937	36496	36145	36526	1.09	cps
Cadmium	111-1	4267	3973	4015	4085	3.90	cps
Cadmium	106-1	3150	3325	3117	3198	3.50	cps
Cadmium	108-1	192	150	150	164	14.68	cps
Calcium	43-1	787947	783233	784950	785377	0.30	cps
Calcium	44-1	12508466	12436953	12517915	12487778	0.35	cps
Carbon	12-1	6628306	6669775	6660957	6653013	0.33	cps
Carbon	12-2	76759	76466	76524	76583	0.20	cps
Chlorine	35-1	40544952	44326279	46269680	43713637	6.66	cps
Chlorine	35-2	414780	422753	424447	420660	1.23	cps
Chromium	52-2	16493	17014	15782	16430	3.76	cps
Cobalt	59-2	34047	34388	33560	33998	1.23	cps
Copper	63-2	85130	86908	85248	85762	1.16	cps
Dysprosium	156-1	13908	13866	13098	13624	3.34	cps
Dysprosium	156-2	5134	5308	5418	5287	2.70	cps
Erbium	164-1	14792	14592	14708	14697	0.68	cps
Erbium	164-2	5805	5628	5775	5736	1.65	cps
Gadolinium	160-1	14608	14992	14150	14583	2.89	cps
Gadolinium	160-2	6562	6208	6568	6446	3.20	cps
Holmium	165-1	8018237	8298145	8533359	8283247	3.11	cps
Holmium	165-2	3493979	3548414	3499760	3514051	0.85	cps
Indium	115-1	6958530	7349881	7183519	7163977	2.74	cps
Indium	115-2	1150177	1160191	1154409	1154925	0.44	cps
Iron	54-2	3530288	3515177	3529504	3524989	0.24	cps
Iron	56-2	63562626	64222654	63304732	63696671	0.74	cps
Iron	57-2	1621444	1672011	1597344	1630266	2.34	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-03	Instrumnet Name :	P8
Client Sample ID :	YB6S4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:21:47	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3873	3935	4131	3980	3.39	cps
Lead	206-1	171972	167679	173435	171028	1.75	cps
Lead	207-1	143179	141895	146762	143945	1.75	cps
Lead	208-1	668606	661214	668510	666110	0.64	cps
Lithium	6-1	3575472	3542429	3631447	3583116	1.26	cps
Magnesium	24-2	1999615	1980098	1981177	1986963	0.55	cps
Manganese	55-2	970467	968479	960327	966424	0.56	cps
Molybdenum	94-1	7294	6477	6877	6882	5.94	cps
Molybdenum	95-1	6193	5760	6393	6115	5.30	cps
Molybdenum	96-1	10638	11113	10321	10691	3.73	cps
Molybdenum	97-1	3642	3601	3517	3587	1.78	cps
Molybdenum	98-1	8820	8294	9036	8717	4.38	cps
Neodymium	150-1	13327	13634	12760	13240	3.35	cps
Neodymium	150-2	4104	4364	4097	4188	3.63	cps
Nickel	60-2	28716	28936	28779	28810	0.39	cps
Phosphorus	31-2	7619	7469	7402	7497	1.48	cps
Potassium	39-2	81036	83996	82787	82607	1.80	cps
Rhodium	103-1	6669062	6733195	6820536	6740931	1.13	cps
Rhodium	103-2	2751563	2813173	2838517	2801085	1.60	cps
Scandium	45-1	5133490	5203958	5306342	5214597	1.67	cps
Scandium	45-2	164231	167720	164320	165424	1.20	cps
Selenium	82-1	314	130	-15	143	115.29	cps
Selenium	77-2	27	30	30	29	6.65	cps
Selenium	78-2	128	100	109	112	12.72	cps
Silicon	28-1	6502948	6497315	6356732	6452332	1.28	cps
Silver	107-1	5243	4209	4784	4745	10.91	cps
Silver	109-1	4551	4518	4276	4448	3.38	cps
Sodium	23-2	33180	34609	34500	34096	2.33	cps
Strontium	86-1	877186	848485	850102	858591	1.88	cps
Strontium	88-1	7258904	7126045	7209222	7198057	0.93	cps
Sulfur	34-1	260900	261799	263727	262142	0.55	cps
Terbium	159-1	8678362	8927103	8998871	8868112	1.90	cps
Terbium	159-2	3527520	3511534	3495567	3511541	0.45	cps
Thallium	203-1	558	633	550	581	7.91	cps
Thallium	205-1	1375	1342	1242	1320	5.26	cps
Tin	118-1	33467	34302	34135	33968	1.30	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-03	Instrumnet Name :	P8
Client Sample ID :	YB6S4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:21:47	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	67920	67476	68330	67908	0.63	cps
Uranium	238-1	3959	3876	3984	3940	1.44	cps
Vanadium	51-2	19901	19256	19397	19518	1.74	cps
Ytterbium	172-1	4443	4784	4518	4581	3.92	cps
Ytterbium	172-2	1839	1761	2122	1908	9.96	cps
Ytterbium	176-1	3909	4034	3942	3962	1.63	cps
Ytterbium	176-2	5429	5696	6168	5764	6.49	cps
Yttrium	89-1	11197556	11655277	11851062	11567965	2.90	cps
Yttrium	89-2	1282058	1304251	1308063	1298124	1.08	cps
Zinc	66-2	58641	57520	57674	57945	1.05	cps
Zirconium	90-1	9812	9345	9328	9495	2.89	cps
Zirconium	91-1	2542	2375	2467	2461	3.39	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-04	Instrumnet Name :	P8
Client Sample ID :	YB6S5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:24:47	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1243210	1200485	1237473	1227056	1.89	cps
Antimony	121-1	4659	4459	4409	4509	2.93	cps
Arsenic	75-2	8668	8423	8392	8494	1.77	cps
Barium	135-1	613677	624518	616692	618296	0.91	cps
Barium	137-1	1042142	1067631	1068856	1059543	1.42	cps
Beryllium	9-1	4096	4106	3934	4045	2.39	cps
Bismuth	209-1	5332864	5205726	5335092	5291228	1.40	cps
Bismuth	209-2	2451742	2456071	2406340	2438051	1.13	cps
Boron	10-1	2228	2380	2636	2414	8.54	cps
Boron	11-1	10458	10622	10998	10692	2.59	cps
Bromine	81-1	37942	38764	38342	38349	1.07	cps
Cadmium	111-1	3014	3437	2958	3136	8.35	cps
Cadmium	106-1	3517	3826	3359	3567	6.65	cps
Cadmium	108-1	158	154	175	163	6.78	cps
Calcium	43-1	215772	220809	220081	218887	1.24	cps
Calcium	44-1	3472859	3532681	3580671	3528737	1.53	cps
Carbon	12-1	9359260	9566449	9853060	9592923	2.58	cps
Carbon	12-2	111203	111950	111816	111656	0.36	cps
Chlorine	35-1	42790993	47561100	49155749	46502614	7.12	cps
Chlorine	35-2	444472	450463	459660	451532	1.69	cps
Chromium	52-2	45522	45128	44141	44931	1.58	cps
Cobalt	59-2	78944	80087	77346	78792	1.75	cps
Copper	63-2	232612	230804	228907	230774	0.80	cps
Dysprosium	156-1	52437	54102	54830	53790	2.28	cps
Dysprosium	156-2	21497	21360	20673	21177	2.09	cps
Erbium	164-1	51785	53684	52279	52583	1.87	cps
Erbium	164-2	20523	19948	20115	20195	1.46	cps
Gadolinium	160-1	52236	54361	52162	52920	2.36	cps
Gadolinium	160-2	23614	23805	23120	23513	1.50	cps
Holmium	165-1	8487778	8819273	8460809	8589287	2.32	cps
Holmium	165-2	3578431	3624739	3490524	3564565	1.91	cps
Indium	115-1	7600512	7303130	7533551	7479064	2.09	cps
Indium	115-2	1190951	1198176	1188147	1192425	0.43	cps
Iron	54-2	7435586	7398385	7317178	7383716	0.82	cps
Iron	56-2	137170364	138070598	134873145	136704702	1.21	cps
Iron	57-2	3439372	3486365	3428628	3451455	0.89	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-04	Instrumnet Name :	P8
Client Sample ID :	YB6S5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:24:47	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4084	4091	4258	4144	2.37	cps
Lead	206-1	219495	217748	223929	220391	1.45	cps
Lead	207-1	190136	187890	180229	186085	2.79	cps
Lead	208-1	872114	859944	855651	862570	0.99	cps
Lithium	6-1	3577152	3611269	3652231	3613551	1.04	cps
Magnesium	24-2	825917	813766	820612	820098	0.74	cps
Manganese	55-2	2091629	2080530	2077172	2083110	0.36	cps
Molybdenum	94-1	13407	14107	13499	13671	2.79	cps
Molybdenum	95-1	3225	3042	2875	3048	5.75	cps
Molybdenum	96-1	13749	13866	13332	13649	2.06	cps
Molybdenum	97-1	2034	2050	2000	2028	1.26	cps
Molybdenum	98-1	4909	4843	4442	4731	5.34	cps
Neodymium	150-1	80641	78837	81432	80303	1.66	cps
Neodymium	150-2	25444	25090	25374	25303	0.74	cps
Nickel	60-2	10481	10377	10267	10375	1.03	cps
Phosphorus	31-2	6085	6277	6435	6265	2.80	cps
Potassium	39-2	619833	611383	616398	615871	0.69	cps
Rhodium	103-1	6994295	7035424	6970539	7000086	0.47	cps
Rhodium	103-2	2883780	2923739	2931930	2913149	0.88	cps
Scandium	45-1	5475502	5569521	5528062	5524362	0.85	cps
Scandium	45-2	172038	176720	172220	173659	1.53	cps
Selenium	82-1	106	161	-69	66	181.30	cps
Selenium	77-2	113	103	77	98	19.38	cps
Selenium	78-2	188	176	149	171	11.68	cps
Silicon	28-1	16089953	16469881	16569142	16376326	1.54	cps
Silver	107-1	1608	1683	1692	1661	2.76	cps
Silver	109-1	1450	1575	1483	1503	4.31	cps
Sodium	23-2	35552	36446	36897	36299	1.89	cps
Strontium	86-1	184122	185329	185311	184920	0.37	cps
Strontium	88-1	1566044	1540211	1588996	1565083	1.56	cps
Sulfur	34-1	223233	214460	210943	216212	2.93	cps
Terbium	159-1	8917710	9016514	8939524	8957916	0.58	cps
Terbium	159-2	3643526	3655862	3560368	3619919	1.43	cps
Thallium	203-1	1000	1042	975	1006	3.35	cps
Thallium	205-1	2550	2609	2542	2567	1.41	cps
Tin	118-1	23187	24673	23487	23782	3.30	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-04	Instrumnet Name :	P8
Client Sample ID :	YB6S5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:24:47	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1127208	1154205	1156319	1145911	1.42	cps
Uranium	238-1	29435	29786	29927	29716	0.85	cps
Vanadium	51-2	253126	251828	250796	251916	0.46	cps
Ytterbium	172-1	18947	18622	18555	18708	1.12	cps
Ytterbium	172-2	8269	8397	8197	8288	1.22	cps
Ytterbium	176-1	12690	12515	13015	12740	1.99	cps
Ytterbium	176-2	9837	9837	9164	9613	4.04	cps
Yttrium	89-1	12241761	12213538	12287417	12247572	0.30	cps
Yttrium	89-2	1406098	1416669	1382646	1401804	1.24	cps
Zinc	66-2	38943	39592	39853	39463	1.19	cps
Zirconium	90-1	30734	31294	30501	30843	1.32	cps
Zirconium	91-1	7152	7069	6785	7002	2.75	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-05	Instrumnet Name :	P8
Client Sample ID :	YB6S6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:27:42	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1808164	1810262	1780419	1799615	0.93	cps
Antimony	121-1	5259	4793	4868	4973	5.04	cps
Arsenic	75-2	7650	7672	7160	7494	3.87	cps
Barium	135-1	939580	953185	934880	942549	1.01	cps
Barium	137-1	1672242	1719233	1624315	1671930	2.84	cps
Beryllium	9-1	5060	5036	4870	4989	2.07	cps
Bismuth	209-1	5393237	5450816	5288772	5377608	1.53	cps
Bismuth	209-2	2197209	2420481	2533600	2383763	7.18	cps
Boron	10-1	2794	2798	2938	2843	2.88	cps
Boron	11-1	12131	12647	12517	12431	2.16	cps
Bromine	81-1	36034	38603	39416	38018	4.64	cps
Cadmium	111-1	3160	3230	3065	3151	2.62	cps
Cadmium	106-1	3292	3284	3067	3214	3.97	cps
Cadmium	108-1	129	75	171	125	38.44	cps
Calcium	43-1	295761	296924	291476	294721	0.97	cps
Calcium	44-1	4751881	4738229	4693694	4727935	0.64	cps
Carbon	12-1	11257581	11388234	11441595	11362470	0.83	cps
Carbon	12-2	131796	130629	131216	131214	0.44	cps
Chlorine	35-1	41423663	45125334	46334687	44294562	5.78	cps
Chlorine	35-2	417136	424805	425108	422349	1.07	cps
Chromium	52-2	49813	48559	48204	48859	1.73	cps
Cobalt	59-2	147274	145215	143746	145412	1.22	cps
Copper	63-2	362357	359115	350897	357456	1.65	cps
Dysprosium	156-1	49634	51884	49927	50482	2.42	cps
Dysprosium	156-2	19294	19594	19334	19408	0.84	cps
Erbium	164-1	52028	53952	51483	52488	2.47	cps
Erbium	164-2	19888	20352	19181	19807	2.98	cps
Gadolinium	160-1	50756	49477	48121	49451	2.67	cps
Gadolinium	160-2	21274	21564	20780	21206	1.87	cps
Holmium	165-1	8651021	8927131	8592380	8723511	2.05	cps
Holmium	165-2	3248842	3560329	3783152	3530774	7.60	cps
Indium	115-1	7557564	7571229	7572090	7566961	0.11	cps
Indium	115-2	1053852	1144911	1246982	1148582	8.41	cps
Iron	54-2	10340585	10223041	10071849	10211825	1.32	cps
Iron	56-2	187737132	186867615	185394926	186666558	0.63	cps
Iron	57-2	4797123	4731632	4543935	4690897	2.80	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-05	Instrumnet Name :	P8
Client Sample ID :	YB6S6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:27:42	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4138	4218	4278	4211	1.67	cps
Lead	206-1	255667	253783	248744	252731	1.42	cps
Lead	207-1	214538	218147	210362	214349	1.82	cps
Lead	208-1	995255	1000354	973087	989565	1.46	cps
Lithium	6-1	3737983	3750608	3731139	3739910	0.26	cps
Magnesium	24-2	988764	974042	956582	973130	1.66	cps
Manganese	55-2	3569335	3474021	3479345	3507567	1.53	cps
Molybdenum	94-1	12214	12181	12581	12325	1.80	cps
Molybdenum	95-1	4534	4459	4317	4437	2.48	cps
Molybdenum	96-1	17312	18112	17795	17740	2.27	cps
Molybdenum	97-1	2550	2600	2734	2628	3.61	cps
Molybdenum	98-1	6527	6026	6402	6318	4.12	cps
Neodymium	150-1	71430	72978	69801	71403	2.22	cps
Neodymium	150-2	23043	22245	21901	22397	2.62	cps
Nickel	60-2	12466	12242	12279	12329	0.97	cps
Phosphorus	31-2	13398	13924	13356	13559	2.33	cps
Potassium	39-2	654881	654953	651305	653713	0.32	cps
Rhodium	103-1	6987672	6929615	6667710	6861666	2.48	cps
Rhodium	103-2	2545765	2806907	3036299	2796324	8.78	cps
Scandium	45-1	5585997	5614600	5519248	5573282	0.88	cps
Scandium	45-2	157552	169197	181428	169392	7.05	cps
Selenium	82-1	31	-41	-29	-13	-300.06	cps
Selenium	77-2	90	113	123	109	15.71	cps
Selenium	78-2	159	154	167	160	4.10	cps
Silicon	28-1	16149131	16102187	16189534	16146950	0.27	cps
Silver	107-1	1850	1900	1909	1886	1.67	cps
Silver	109-1	1642	1909	1834	1795	7.66	cps
Sodium	23-2	38727	37758	38259	38248	1.27	cps
Strontium	86-1	214781	213414	213414	213869	0.37	cps
Strontium	88-1	1821012	1812203	1817686	1816967	0.24	cps
Sulfur	34-1	199679	196722	199248	198549	0.80	cps
Terbium	159-1	9261357	9118999	8881627	9087327	2.11	cps
Terbium	159-2	3262204	3573050	3683983	3506413	6.24	cps
Thallium	203-1	1517	1358	1442	1439	5.50	cps
Thallium	205-1	3742	3709	3209	3553	8.41	cps
Tin	118-1	27286	26510	27695	27164	2.22	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-05	Instrumnet Name :	P8
Client Sample ID :	YB6S6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:27:42	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1735345	1696292	1677903	1703180	1.72	cps
Uranium	238-1	32091	33027	32960	32693	1.60	cps
Vanadium	51-2	429665	429434	421239	426779	1.12	cps
Ytterbium	172-1	19148	20099	18572	19273	4.00	cps
Ytterbium	172-2	8631	8253	7819	8234	4.93	cps
Ytterbium	176-1	13249	13441	12732	13140	2.79	cps
Ytterbium	176-2	9437	9976	9615	9676	2.84	cps
Yttrium	89-1	12842981	12533991	12802407	12726460	1.32	cps
Yttrium	89-2	1262701	1348697	1492645	1368014	8.49	cps
Zinc	66-2	56465	56687	54763	55972	1.88	cps
Zirconium	90-1	27261	27160	26568	26996	1.39	cps
Zirconium	91-1	5993	6293	5718	6001	4.79	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-06	Instrumnet Name :	P8
Client Sample ID :	YB6S7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:30:39	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1550600	1574693	1559211	1561502	0.78	cps
Antimony	121-1	5068	4668	4984	4907	4.30	cps
Arsenic	75-2	8540	8532	8532	8535	0.05	cps
Barium	135-1	890193	882375	871403	881324	1.07	cps
Barium	137-1	1562559	1559518	1512239	1544772	1.83	cps
Beryllium	9-1	4254	4192	4134	4193	1.43	cps
Bismuth	209-1	5213114	5300244	5213447	5242268	0.96	cps
Bismuth	209-2	2481120	2442420	2482149	2468563	0.92	cps
Boron	10-1	1944	1962	1866	1924	2.65	cps
Boron	11-1	8483	8283	8741	8502	2.70	cps
Bromine	81-1	35793	34749	37951	36164	4.51	cps
Cadmium	111-1	3206	3252	3380	3279	2.74	cps
Cadmium	106-1	3034	3451	3367	3284	6.72	cps
Cadmium	108-1	108	150	117	125	17.64	cps
Calcium	43-1	257560	257312	255870	256914	0.36	cps
Calcium	44-1	4120873	4163533	4062645	4115684	1.23	cps
Carbon	12-1	8119100	8374443	8464286	8319277	2.15	cps
Carbon	12-2	96743	95325	96525	96198	0.79	cps
Chlorine	35-1	38637274	42018527	43922485	41526095	6.45	cps
Chlorine	35-2	398108	399966	412689	403588	1.97	cps
Chromium	52-2	37823	37399	38412	37878	1.34	cps
Cobalt	59-2	131412	132137	130863	131470	0.49	cps
Copper	63-2	381678	385899	384998	384192	0.58	cps
Dysprosium	156-1	43923	45052	43881	44285	1.50	cps
Dysprosium	156-2	17992	17859	17802	17884	0.55	cps
Erbium	164-1	46558	48841	46933	47444	2.58	cps
Erbium	164-2	18737	19054	18593	18795	1.25	cps
Gadolinium	160-1	45980	46130	45696	45936	0.48	cps
Gadolinium	160-2	20930	20102	19872	20301	2.74	cps
Holmium	165-1	8473868	8561468	8643008	8559448	0.99	cps
Holmium	165-2	3591897	3628544	3511970	3577470	1.67	cps
Indium	115-1	7515274	7388979	7393193	7432482	0.97	cps
Indium	115-2	1168033	1179423	1171715	1173057	0.50	cps
Iron	54-2	8194332	8028524	8213332	8145396	1.25	cps
Iron	56-2	148298226	146049381	150564492	148304033	1.52	cps
Iron	57-2	3720080	3781703	3748819	3750201	0.82	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-06	Instrumnet Name :	P8
Client Sample ID :	YB6S7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:30:39	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3923	4113	4239	4091	3.89	cps
Lead	206-1	187764	188211	190499	188825	0.78	cps
Lead	207-1	156822	156925	159603	157783	1.00	cps
Lead	208-1	728176	724653	731045	727958	0.44	cps
Lithium	6-1	3575774	3623935	3648297	3616002	1.02	cps
Magnesium	24-2	1033992	1066453	1040674	1047040	1.64	cps
Manganese	55-2	2914097	2859291	2929564	2900984	1.27	cps
Molybdenum	94-1	9570	9495	9137	9401	2.47	cps
Molybdenum	95-1	3501	3142	3501	3381	6.12	cps
Molybdenum	96-1	13540	14500	12906	13649	5.88	cps
Molybdenum	97-1	1859	2275	1917	2017	11.19	cps
Molybdenum	98-1	4434	4493	4551	4493	1.30	cps
Neodymium	150-1	62137	63282	63906	63108	1.42	cps
Neodymium	150-2	19821	20352	19781	19985	1.59	cps
Nickel	60-2	10798	10587	10991	10792	1.87	cps
Phosphorus	31-2	7819	7977	8803	8200	6.44	cps
Potassium	39-2	763536	773503	784006	773682	1.32	cps
Rhodium	103-1	6671013	6861460	6925524	6819333	1.94	cps
Rhodium	103-2	2820104	2850332	2798016	2822817	0.93	cps
Scandium	45-1	5385933	5438198	5390395	5404842	0.54	cps
Scandium	45-2	167671	172427	168285	169461	1.53	cps
Selenium	82-1	151	-36	-101	5	2863.31	cps
Selenium	77-2	93	67	103	88	21.59	cps
Selenium	78-2	167	144	139	150	9.95	cps
Silicon	28-1	13289178	13702649	13505465	13499097	1.53	cps
Silver	107-1	1692	1550	1492	1578	6.52	cps
Silver	109-1	1533	1483	1575	1531	3.00	cps
Sodium	23-2	39437	40532	39780	39916	1.40	cps
Strontium	86-1	159849	158767	158620	159079	0.42	cps
Strontium	88-1	1355558	1335114	1348302	1346325	0.77	cps
Sulfur	34-1	173201	173572	172628	173134	0.27	cps
Terbium	159-1	8928644	9129389	8921953	8993329	1.31	cps
Terbium	159-2	3500458	3679695	3588945	3589699	2.50	cps
Thallium	203-1	1417	1200	1158	1258	11.02	cps
Thallium	205-1	2925	2959	2884	2923	1.29	cps
Tin	118-1	18421	17804	17328	17851	3.07	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-06	Instrumnet Name :	P8
Client Sample ID :	YB6S7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:30:39	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1346054	1370980	1348658	1355230	1.01	cps
Uranium	238-1	24950	25577	24207	24911	2.75	cps
Vanadium	51-2	327299	325671	326704	326558	0.25	cps
Ytterbium	172-1	17537	17003	16961	17167	1.87	cps
Ytterbium	172-2	7180	7641	7330	7384	3.19	cps
Ytterbium	176-1	11514	11572	11238	11441	1.56	cps
Ytterbium	176-2	9142	9643	9159	9315	3.05	cps
Yttrium	89-1	12130003	12105694	12164509	12133402	0.24	cps
Yttrium	89-2	1379427	1379543	1366583	1375184	0.54	cps
Zinc	66-2	63978	60562	60298	61613	3.33	cps
Zirconium	90-1	20758	20399	20491	20549	0.91	cps
Zirconium	91-1	4343	4351	4326	4340	0.29	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-07	Instrumnet Name :	P8
Client Sample ID :	YB6S8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:33:35	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257846	1238729	1179397	1225324	3.34	cps
Antimony	121-1	5293	5376	5818	5496	5.14	cps
Arsenic	75-2	11744	11484	11301	11510	1.94	cps
Barium	135-1	719208	724795	694527	712843	2.26	cps
Barium	137-1	1224719	1234631	1208909	1222753	1.06	cps
Beryllium	9-1	3820	3774	3742	3778	1.04	cps
Bismuth	209-1	5250015	5405394	5141738	5265715	2.52	cps
Bismuth	209-2	2400394	2335760	2289880	2342011	2.37	cps
Boron	10-1	3214	3350	3470	3344	3.83	cps
Boron	11-1	14182	14797	14869	14616	2.58	cps
Bromine	81-1	36476	37148	36856	36827	0.92	cps
Cadmium	111-1	3042	3062	3039	3048	0.42	cps
Cadmium	106-1	3034	3167	3234	3145	3.24	cps
Cadmium	108-1	117	138	125	126	8.30	cps
Calcium	43-1	328669	333955	327377	330000	1.06	cps
Calcium	44-1	5297456	5394212	5226014	5305894	1.59	cps
Carbon	12-1	12380209	12607961	12650715	12546295	1.16	cps
Carbon	12-2	143984	146551	143891	144809	1.04	cps
Chlorine	35-1	37303500	40686498	41732729	39907576	5.80	cps
Chlorine	35-2	380116	381895	381948	381320	0.27	cps
Chromium	52-2	36607	36199	35932	36246	0.94	cps
Cobalt	59-2	97760	93562	93589	94970	2.54	cps
Copper	63-2	284985	277824	278520	280443	1.41	cps
Dysprosium	156-1	42452	41340	40688	41493	2.15	cps
Dysprosium	156-2	16360	16203	16233	16266	0.51	cps
Erbium	164-1	42184	43028	42360	42524	1.05	cps
Erbium	164-2	16203	16153	15709	16022	1.70	cps
Gadolinium	160-1	41733	41540	39861	41044	2.51	cps
Gadolinium	160-2	17755	17735	17889	17793	0.47	cps
Holmium	165-1	8650424	8470341	8640529	8587098	1.18	cps
Holmium	165-2	3424525	3408806	3386234	3406522	0.57	cps
Indium	115-1	7243046	7322208	7247918	7271058	0.61	cps
Indium	115-2	1134132	1122098	1127210	1127813	0.54	cps
Iron	54-2	7810228	7633889	7808116	7750744	1.31	cps
Iron	56-2	146502164	140624114	144476931	143867737	2.08	cps
Iron	57-2	3575622	3535163	3596038	3568941	0.87	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-07	Instrumnet Name :	P8
Client Sample ID :	YB6S8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:33:35	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3958	4071	3960	3996	1.63	cps
Lead	206-1	208990	208123	205931	207681	0.76	cps
Lead	207-1	177260	176434	171982	175225	1.62	cps
Lead	208-1	824945	826604	800444	817331	1.79	cps
Lithium	6-1	3671762	3546978	3504483	3574408	2.43	cps
Magnesium	24-2	771548	762497	748681	760909	1.51	cps
Manganese	55-2	2355137	2225619	2254973	2278576	2.98	cps
Molybdenum	94-1	14950	15084	15209	15081	0.86	cps
Molybdenum	95-1	4217	4734	4342	4431	6.08	cps
Molybdenum	96-1	14800	15843	14391	15011	4.99	cps
Molybdenum	97-1	2634	2684	2975	2764	6.68	cps
Molybdenum	98-1	6485	6568	6260	6438	2.48	cps
Neodymium	150-1	59653	60490	60275	60139	0.72	cps
Neodymium	150-2	18383	18506	17658	18182	2.52	cps
Nickel	60-2	11782	11311	11118	11404	2.99	cps
Phosphorus	31-2	7794	8361	8328	8161	3.90	cps
Potassium	39-2	587909	569413	571375	576232	1.76	cps
Rhodium	103-1	6785860	6767221	6731672	6761584	0.41	cps
Rhodium	103-2	2742952	2782053	2697655	2740887	1.54	cps
Scandium	45-1	5300461	5379659	5253543	5311221	1.20	cps
Scandium	45-2	166073	161900	164087	164020	1.27	cps
Selenium	82-1	274	140	285	233	34.63	cps
Selenium	77-2	77	93	83	84	9.93	cps
Selenium	78-2	143	139	150	144	3.87	cps
Silicon	28-1	13363344	13347366	13045260	13251990	1.35	cps
Silver	107-1	2250	2209	2167	2209	1.89	cps
Silver	109-1	2125	2150	2059	2111	2.24	cps
Sodium	23-2	36103	35452	34725	35427	1.95	cps
Strontium	86-1	259787	259752	257294	258944	0.55	cps
Strontium	88-1	2234853	2192303	2148028	2191728	1.98	cps
Sulfur	34-1	200466	197556	199314	199112	0.74	cps
Terbium	159-1	8714609	8818780	8693829	8742406	0.77	cps
Terbium	159-2	3544875	3459070	3433339	3479095	1.68	cps
Thallium	203-1	1092	1092	1292	1158	9.97	cps
Thallium	205-1	2892	2584	2459	2645	8.43	cps
Tin	118-1	48445	48562	48771	48593	0.34	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-07	Instrumnet Name :	P8
Client Sample ID :	YB6S8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:33:35	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1382900	1342286	1343819	1356335	1.70	cps
Uranium	238-1	25484	25861	25326	25557	1.07	cps
Vanadium	51-2	311308	302626	304330	306088	1.50	cps
Ytterbium	172-1	15852	14850	14717	15140	4.10	cps
Ytterbium	172-2	6757	6513	6235	6502	4.02	cps
Ytterbium	176-1	10588	10079	10313	10327	2.47	cps
Ytterbium	176-2	8425	8614	8142	8394	2.83	cps
Yttrium	89-1	11736607	12107800	11782642	11875683	1.70	cps
Yttrium	89-2	1340297	1308199	1321415	1323304	1.22	cps
Zinc	66-2	46637	45409	46376	46141	1.40	cps
Zirconium	90-1	33733	33173	33324	33410	0.87	cps
Zirconium	91-1	7369	8028	7110	7502	6.30	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-08	Instrumnet Name :	P8
Client Sample ID :	YB6S9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:36:32	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	884151	879571	882501	882074	0.26	cps
Antimony	121-1	3934	3884	3509	3776	6.15	cps
Arsenic	75-2	9797	9643	9748	9730	0.81	cps
Barium	135-1	613754	614481	610682	612973	0.33	cps
Barium	137-1	1080491	1083043	1054502	1072679	1.47	cps
Beryllium	9-1	3188	3192	3136	3172	0.98	cps
Bismuth	209-1	5466354	5262465	5418020	5382280	1.98	cps
Bismuth	209-2	2303400	2172599	2181266	2219088	3.30	cps
Boron	10-1	1982	2030	2072	2028	2.22	cps
Boron	11-1	8657	9025	9189	8957	3.04	cps
Bromine	81-1	34157	36425	37128	35903	4.33	cps
Cadmium	111-1	2809	2979	2941	2910	3.06	cps
Cadmium	106-1	3059	3225	3234	3173	3.11	cps
Cadmium	108-1	88	71	146	101	38.84	cps
Calcium	43-1	233986	233463	231610	233020	0.54	cps
Calcium	44-1	3661519	3742537	3632116	3678724	1.55	cps
Carbon	12-1	8721394	9023746	9050565	8931902	2.05	cps
Carbon	12-2	103086	103430	104697	103738	0.82	cps
Chlorine	35-1	40698888	44662218	47093018	44151375	7.31	cps
Chlorine	35-2	428083	429595	436857	431512	1.09	cps
Chromium	52-2	56484	55039	55136	55553	1.45	cps
Cobalt	59-2	57509	56763	57536	57269	0.77	cps
Copper	63-2	167578	165366	165195	166046	0.80	cps
Dysprosium	156-1	45428	45093	43555	44692	2.23	cps
Dysprosium	156-2	17465	16978	17168	17203	1.43	cps
Erbium	164-1	42603	43028	43196	42942	0.71	cps
Erbium	164-2	16414	16774	16984	16724	1.73	cps
Gadolinium	160-1	44425	44191	44709	44442	0.58	cps
Gadolinium	160-2	19211	18897	18857	18988	1.02	cps
Holmium	165-1	8375941	8384424	8257122	8339163	0.85	cps
Holmium	165-2	3398499	3250911	3210476	3286629	3.01	cps
Indium	115-1	7230228	7163483	7338348	7244020	1.22	cps
Indium	115-2	1122921	1064511	1059468	1082300	3.26	cps
Iron	54-2	4867949	4874976	4810305	4851076	0.73	cps
Iron	56-2	88309421	89437616	87413855	88386964	1.15	cps
Iron	57-2	2285540	2292140	2265075	2280919	0.62	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-08	Instrumnet Name :	P8
Client Sample ID :	YB6S9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:36:32	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4070	4056	3850	3992	3.09	cps
Lead	206-1	200659	197282	196853	198265	1.05	cps
Lead	207-1	169566	168254	165856	167892	1.12	cps
Lead	208-1	785921	771597	771894	776471	1.05	cps
Lithium	6-1	3580073	3578779	3607002	3588618	0.44	cps
Magnesium	24-2	645887	657646	649783	651105	0.92	cps
Manganese	55-2	1964655	1996580	1987800	1983012	0.83	cps
Molybdenum	94-1	9870	9754	9837	9820	0.61	cps
Molybdenum	95-1	2859	2742	3334	2978	10.53	cps
Molybdenum	96-1	9462	9378	9887	9576	2.85	cps
Molybdenum	97-1	1742	1800	1758	1767	1.70	cps
Molybdenum	98-1	4084	3851	4076	4003	3.31	cps
Neodymium	150-1	66906	67188	65834	66643	1.07	cps
Neodymium	150-2	20175	20990	20953	20706	2.22	cps
Nickel	60-2	12032	11842	12039	11971	0.93	cps
Phosphorus	31-2	6952	6668	6852	6824	2.11	cps
Potassium	39-2	638470	635412	630102	634661	0.67	cps
Rhodium	103-1	6925285	6627967	6851396	6801549	2.28	cps
Rhodium	103-2	2757812	2601774	2551362	2636983	4.08	cps
Scandium	45-1	5325359	5278595	5083400	5229118	2.45	cps
Scandium	45-2	161492	152827	147930	154083	4.46	cps
Selenium	82-1	-33	-141	266	31	684.23	cps
Selenium	77-2	93	83	87	88	5.80	cps
Selenium	78-2	147	164	147	153	6.43	cps
Silicon	28-1	13739377	13825247	13754276	13772967	0.33	cps
Silver	107-1	2225	1925	1900	2017	8.97	cps
Silver	109-1	1959	1792	1784	1845	5.35	cps
Sodium	23-2	35527	35235	34834	35199	0.99	cps
Strontium	86-1	171797	171740	174905	172814	1.05	cps
Strontium	88-1	1454056	1432270	1407075	1431133	1.64	cps
Sulfur	34-1	175723	175629	176144	175832	0.16	cps
Terbium	159-1	8977711	8906740	8747283	8877245	1.33	cps
Terbium	159-2	3550696	3252733	3134902	3312777	6.47	cps
Thallium	203-1	1142	1050	850	1014	14.71	cps
Thallium	205-1	2117	2292	2400	2270	6.30	cps
Tin	118-1	22202	22002	22702	22302	1.62	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-08	Instrumnet Name :	P8
Client Sample ID :	YB6S9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:36:32	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	649832	644818	641214	645288	0.67	cps
Uranium	238-1	22070	22587	22362	22340	1.16	cps
Vanadium	51-2	147825	145617	145604	146349	0.87	cps
Ytterbium	172-1	13057	13107	13074	13079	0.19	cps
Ytterbium	172-2	5824	5985	6118	5976	2.47	cps
Ytterbium	176-1	9153	9045	9220	9140	0.97	cps
Ytterbium	176-2	7808	7347	7508	7554	3.10	cps
Yttrium	89-1	12214903	11928100	11757133	11966712	1.93	cps
Yttrium	89-2	1321458	1238187	1226982	1262209	4.09	cps
Zinc	66-2	45681	46135	44888	45568	1.39	cps
Zirconium	90-1	21910	21910	21300	21706	1.62	cps
Zirconium	91-1	4551	4876	4984	4804	4.70	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-09	Instrumnet Name :	P8
Client Sample ID :	YB6T0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:39:30	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1583016	1542673	1563618	1563103	1.29	cps
Antimony	121-1	1842	1967	1909	1906	3.28	cps
Arsenic	75-2	2265	2304	2337	2302	1.57	cps
Barium	135-1	670704	664488	652689	662627	1.38	cps
Barium	137-1	1151464	1151474	1162346	1155095	0.54	cps
Beryllium	9-1	4258	4050	4070	4126	2.78	cps
Bismuth	209-1	5172735	5197322	5104153	5158070	0.94	cps
Bismuth	209-2	2412733	2432625	2366254	2403870	1.42	cps
Boron	10-1	1350	1436	1498	1428	5.21	cps
Boron	11-1	6316	6308	6626	6417	2.83	cps
Bromine	81-1	34187	35110	38213	35837	5.88	cps
Cadmium	111-1	2531	2335	2484	2450	4.18	cps
Cadmium	106-1	3175	2942	2950	3023	4.38	cps
Cadmium	108-1	125	113	92	110	15.35	cps
Calcium	43-1	189376	189381	187801	188853	0.48	cps
Calcium	44-1	3066882	3096694	3092506	3085361	0.52	cps
Carbon	12-1	4749760	4749638	4817380	4772259	0.82	cps
Carbon	12-2	56585	57730	56961	57092	1.02	cps
Chlorine	35-1	40868012	44774120	46136742	43926291	6.23	cps
Chlorine	35-2	418946	424539	426447	423311	0.92	cps
Chromium	52-2	47375	47348	46803	47175	0.68	cps
Cobalt	59-2	164299	164271	160700	163090	1.27	cps
Copper	63-2	407382	412131	407072	408862	0.69	cps
Dysprosium	156-1	47812	50120	48063	48665	2.60	cps
Dysprosium	156-2	19044	18620	19207	18957	1.60	cps
Erbium	164-1	53969	54504	53784	54086	0.69	cps
Erbium	164-2	21401	20943	20162	20835	3.01	cps
Gadolinium	160-1	49944	50513	48724	49727	1.84	cps
Gadolinium	160-2	21574	21113	20960	21216	1.51	cps
Holmium	165-1	8509049	8461750	8245203	8405334	1.67	cps
Holmium	165-2	3502106	3485759	3461155	3483007	0.59	cps
Indium	115-1	7199665	7230066	7008867	7146199	1.68	cps
Indium	115-2	1148608	1138188	1141340	1142712	0.47	cps
Iron	54-2	8673071	8654743	8460730	8596181	1.37	cps
Iron	56-2	155938120	154412115	155145570	155165268	0.49	cps
Iron	57-2	4073156	3966995	3848463	3962871	2.84	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-09	Instrumnet Name :	P8
Client Sample ID :	YB6T0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:39:30	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3941	4156	3868	3988	3.76	cps
Lead	206-1	90643	91582	90655	90960	0.59	cps
Lead	207-1	77342	76212	76363	76639	0.80	cps
Lead	208-1	357398	358115	352200	355904	0.91	cps
Lithium	6-1	3583819	3605239	3437135	3542064	2.58	cps
Magnesium	24-2	927650	907847	922102	919200	1.11	cps
Manganese	55-2	2739252	2720894	2631726	2697291	2.13	cps
Molybdenum	94-1	8444	8703	7694	8280	6.33	cps
Molybdenum	95-1	2059	2392	1842	2097	13.21	cps
Molybdenum	96-1	12748	12139	12364	12417	2.48	cps
Molybdenum	97-1	1233	1150	1300	1228	6.12	cps
Molybdenum	98-1	3000	3200	2825	3009	6.24	cps
Neodymium	150-1	64388	65807	63336	64510	1.92	cps
Neodymium	150-2	21017	19988	20262	20422	2.61	cps
Nickel	60-2	11144	11014	10621	10927	2.50	cps
Phosphorus	31-2	6793	6418	6352	6521	3.65	cps
Potassium	39-2	599408	600101	608070	602526	0.80	cps
Rhodium	103-1	6619803	6675001	6564297	6619700	0.84	cps
Rhodium	103-2	2786202	2712235	2736056	2744831	1.38	cps
Scandium	45-1	5448401	5423026	5278525	5383317	1.70	cps
Scandium	45-2	169991	171245	173477	171571	1.03	cps
Selenium	82-1	109	-55	320	125	150.90	cps
Selenium	77-2	90	77	80	82	8.44	cps
Selenium	78-2	118	175	141	145	19.82	cps
Silicon	28-1	12040698	12162357	11878834	12027296	1.18	cps
Silver	107-1	858	967	833	886	8.00	cps
Silver	109-1	808	833	850	831	2.53	cps
Sodium	23-2	59346	59329	60593	59756	1.21	cps
Strontium	86-1	118963	119678	118829	119157	0.38	cps
Strontium	88-1	990513	992504	971040	984686	1.20	cps
Sulfur	34-1	159589	159759	161375	160241	0.62	cps
Terbium	159-1	8843113	8876912	8497508	8739178	2.40	cps
Terbium	159-2	3453522	3519710	3486461	3486564	0.95	cps
Thallium	203-1	1067	1200	1042	1103	7.72	cps
Thallium	205-1	2692	2592	2675	2653	2.02	cps
Tin	118-1	13924	13732	13407	13688	1.91	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-09	Instrumnet Name :	P8
Client Sample ID :	YB6T0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:39:30	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1321917	1285764	1269641	1292441	2.07	cps
Uranium	238-1	25084	24708	24917	24903	0.76	cps
Vanadium	51-2	425468	424928	418518	422972	0.91	cps
Ytterbium	172-1	19774	20241	20208	20074	1.30	cps
Ytterbium	172-2	8386	8748	8080	8405	3.97	cps
Ytterbium	176-1	13966	13582	13190	13580	2.86	cps
Ytterbium	176-2	9604	9348	9809	9587	2.41	cps
Yttrium	89-1	11929844	12082258	11761245	11924449	1.35	cps
Yttrium	89-2	1347839	1340325	1341560	1343241	0.30	cps
Zinc	66-2	32103	31963	31171	31746	1.58	cps
Zirconium	90-1	17845	18479	18171	18165	1.75	cps
Zirconium	91-1	3909	4009	4026	3981	1.59	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-10	Instrumnet Name :	P8
Client Sample ID :	YB6T1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:42:28	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1241555	1193739	1220950	1218748	1.97	cps
Antimony	121-1	3592	3601	3634	3609	0.61	cps
Arsenic	75-2	23057	22987	23120	23055	0.29	cps
Barium	135-1	690120	692026	675859	686001	1.29	cps
Barium	137-1	1216534	1211620	1203899	1210684	0.53	cps
Beryllium	9-1	3184	3396	3328	3302	3.28	cps
Bismuth	209-1	5042314	5033304	5323483	5133034	3.21	cps
Bismuth	209-2	2342623	2324544	2242525	2303231	2.32	cps
Boron	10-1	1280	1388	1244	1304	5.75	cps
Boron	11-1	5710	5402	5758	5623	3.44	cps
Bromine	81-1	34599	35874	35181	35218	1.81	cps
Cadmium	111-1	2524	2444	2803	2590	7.28	cps
Cadmium	106-1	2942	2867	3234	3014	6.43	cps
Cadmium	108-1	117	96	104	106	9.94	cps
Calcium	43-1	328360	326153	327023	327178	0.34	cps
Calcium	44-1	5219033	5244671	5234969	5232891	0.25	cps
Carbon	12-1	4399148	4475797	4488641	4454529	1.09	cps
Carbon	12-2	52411	52980	52570	52653	0.56	cps
Chlorine	35-1	38235777	41253655	43348902	40946111	6.28	cps
Chlorine	35-2	390639	391349	398265	393418	1.07	cps
Chromium	52-2	73582	73843	72533	73319	0.95	cps
Cobalt	59-2	150684	150686	151454	150941	0.29	cps
Copper	63-2	328628	325625	330911	328388	0.81	cps
Dysprosium	156-1	30594	31379	31095	31023	1.28	cps
Dysprosium	156-2	12176	12246	12519	12314	1.47	cps
Erbium	164-1	34897	35765	35223	35295	1.24	cps
Erbium	164-2	13994	13380	13944	13773	2.48	cps
Gadolinium	160-1	31421	31271	31170	31287	0.40	cps
Gadolinium	160-2	14431	13594	13854	13960	3.07	cps
Holmium	165-1	8039797	8370497	8431127	8280474	2.54	cps
Holmium	165-2	3431933	3409674	3330948	3390852	1.56	cps
Indium	115-1	7105829	7041927	7316054	7154603	2.00	cps
Indium	115-2	1114995	1114230	1107120	1112115	0.39	cps
Iron	54-2	6689824	6719454	6679258	6696179	0.31	cps
Iron	56-2	122421719	119741530	118234208	120132486	1.77	cps
Iron	57-2	3144164	3026949	3063539	3078218	1.95	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-10	Instrumnet Name :	P8
Client Sample ID :	YB6T1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:42:28	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3983	3924	4044	3983	1.51	cps
Lead	206-1	84211	85223	84139	84524	0.72	cps
Lead	207-1	71519	71631	69899	71016	1.37	cps
Lead	208-1	328998	331929	328043	329657	0.61	cps
Lithium	6-1	3481414	3563160	3576077	3540217	1.45	cps
Magnesium	24-2	1218999	1148769	1195171	1187646	3.01	cps
Manganese	55-2	2579479	2549651	2569005	2566045	0.59	cps
Molybdenum	94-1	7544	7927	7969	7814	3.00	cps
Molybdenum	95-1	4226	4117	4226	4190	1.49	cps
Molybdenum	96-1	13140	12206	12798	12715	3.72	cps
Molybdenum	97-1	2467	2442	2359	2422	2.34	cps
Molybdenum	98-1	5885	5901	5685	5824	2.07	cps
Neodymium	150-1	39318	40542	40247	40036	1.60	cps
Neodymium	150-2	12623	12372	12409	12468	1.08	cps
Nickel	60-2	24207	24101	24458	24255	0.76	cps
Phosphorus	31-2	6227	6043	5810	6026	3.47	cps
Potassium	39-2	517358	523507	516101	518989	0.76	cps
Rhodium	103-1	6620145	6499907	6907211	6675754	3.13	cps
Rhodium	103-2	2741167	2710572	2806207	2752649	1.77	cps
Scandium	45-1	5165882	5225670	5443784	5278445	2.77	cps
Scandium	45-2	162782	163331	159556	161890	1.26	cps
Selenium	82-1	-39	-46	-70	-52	-31.57	cps
Selenium	77-2	40	60	43	48	22.43	cps
Selenium	78-2	121	149	134	135	10.41	cps
Silicon	28-1	9484350	9560823	9375602	9473591	0.98	cps
Silver	107-1	1742	1950	1675	1789	8.02	cps
Silver	109-1	1859	1542	1700	1700	9.31	cps
Sodium	23-2	50337	49836	50940	50371	1.10	cps
Strontium	86-1	204951	210504	207671	207709	1.34	cps
Strontium	88-1	1747365	1777189	1734205	1752920	1.26	cps
Sulfur	34-1	224449	225729	227023	225734	0.57	cps
Terbium	159-1	8646739	8758834	8822352	8742641	1.02	cps
Terbium	159-2	3546462	3476515	3469380	3497453	1.22	cps
Thallium	203-1	792	942	1050	928	13.98	cps
Thallium	205-1	2234	1959	2325	2172	8.79	cps
Tin	118-1	9820	10229	9654	9901	2.99	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-10	Instrumnet Name :	P8
Client Sample ID :	YB6T1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:42:28	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	869560	872328	892321	878069	1.41	cps
Uranium	238-1	15568	15201	14826	15198	2.44	cps
Vanadium	51-2	320930	311210	315454	315865	1.54	cps
Ytterbium	172-1	12773	13265	13299	13112	2.24	cps
Ytterbium	172-2	5868	5762	5729	5787	1.25	cps
Ytterbium	176-1	9354	9445	9587	9462	1.24	cps
Ytterbium	176-2	7241	7697	8047	7662	5.28	cps
Yttrium	89-1	11830486	11489442	11689486	11669805	1.47	cps
Yttrium	89-2	1284066	1288568	1272576	1281737	0.64	cps
Zinc	66-2	33189	33279	32634	33034	1.06	cps
Zirconium	90-1	15159	15125	15000	15095	0.55	cps
Zirconium	91-1	3392	3342	3175	3303	3.44	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-11	Instrumnet Name :	P8
Client Sample ID :	YB6W2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:45:23	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	988524	983904	975237	982555	0.69	cps
Antimony	121-1	4493	4209	4634	4445	4.87	cps
Arsenic	75-2	36371	36201	35828	36133	0.77	cps
Barium	135-1	200458	202669	198864	200664	0.95	cps
Barium	137-1	354108	350111	346526	350248	1.08	cps
Beryllium	9-1	1276	1294	1202	1257	3.88	cps
Bismuth	209-1	5238288	5230822	5567927	5345679	3.60	cps
Bismuth	209-2	2338974	2326619	2335484	2333692	0.27	cps
Boron	10-1	1714	1702	1846	1754	4.56	cps
Boron	11-1	7320	7418	7919	7552	4.25	cps
Bromine	81-1	35963	35000	37108	36024	2.93	cps
Cadmium	111-1	2811	2695	3078	2861	6.87	cps
Cadmium	106-1	3167	3050	3667	3295	9.95	cps
Cadmium	108-1	229	213	258	233	9.94	cps
Calcium	43-1	256331	253746	252755	254277	0.73	cps
Calcium	44-1	4120295	4139221	4046949	4102155	1.19	cps
Carbon	12-1	6128357	6318236	6324215	6256936	1.78	cps
Carbon	12-2	74221	73082	74497	73933	1.01	cps
Chlorine	35-1	38290188	41762950	43533752	41195630	6.48	cps
Chlorine	35-2	395213	399339	407360	400637	1.54	cps
Chromium	52-2	102746	98865	100672	100761	1.93	cps
Cobalt	59-2	101301	99576	101929	100935	1.21	cps
Copper	63-2	254916	257199	250316	254144	1.38	cps
Dysprosium	156-1	18221	18079	18872	18391	2.30	cps
Dysprosium	156-2	7215	7589	7235	7347	2.86	cps
Erbium	164-1	19632	18697	19448	19259	2.57	cps
Erbium	164-2	7442	7149	7232	7274	2.08	cps
Gadolinium	160-1	19173	18363	19248	18928	2.59	cps
Gadolinium	160-2	8026	8493	8469	8329	3.16	cps
Holmium	165-1	8827087	8384388	8833942	8681806	2.97	cps
Holmium	165-2	3478629	3209978	3484854	3391153	4.63	cps
Indium	115-1	7372605	7161616	8015239	7516487	5.92	cps
Indium	115-2	1133049	1085318	1155686	1124684	3.19	cps
Iron	54-2	4427963	4324522	4230589	4327691	2.28	cps
Iron	56-2	77333596	77055763	77496232	77295197	0.29	cps
Iron	57-2	1981906	1992234	1969080	1981073	0.59	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-11	Instrumnet Name :	P8
Client Sample ID :	YB6W2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:45:23	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3851	4061	3901	3938	2.79	cps
Lead	206-1	215757	219731	213843	216444	1.39	cps
Lead	207-1	182559	182176	182962	182566	0.22	cps
Lead	208-1	836643	850120	841291	842684	0.81	cps
Lithium	6-1	3481049	3495291	3767646	3581329	4.51	cps
Magnesium	24-2	2178521	2056912	2154097	2129843	3.02	cps
Manganese	55-2	897571	880377	891057	889668	0.98	cps
Molybdenum	94-1	8620	8820	8386	8608	2.52	cps
Molybdenum	95-1	5776	5701	5876	5785	1.52	cps
Molybdenum	96-1	11205	12564	12147	11972	5.82	cps
Molybdenum	97-1	3684	3651	3559	3631	1.78	cps
Molybdenum	98-1	9278	8886	8770	8978	2.97	cps
Neodymium	150-1	27108	27174	26660	26981	1.04	cps
Neodymium	150-2	8056	8519	8379	8318	2.86	cps
Nickel	60-2	55421	55739	55531	55564	0.29	cps
Phosphorus	31-2	4418	4276	3951	4215	5.68	cps
Potassium	39-2	233879	232337	232862	233026	0.34	cps
Rhodium	103-1	6888161	6974955	7281617	7048244	2.93	cps
Rhodium	103-2	2735986	2667918	2823797	2742567	2.85	cps
Scandium	45-1	5370157	5282834	5626993	5426661	3.30	cps
Scandium	45-2	162584	155166	162139	159963	2.60	cps
Selenium	82-1	361	15	133	170	103.83	cps
Selenium	77-2	57	57	33	49	27.56	cps
Selenium	78-2	117	109	123	116	6.04	cps
Silicon	28-1	9576930	9728727	9430006	9578554	1.56	cps
Silver	107-1	4417	4643	4484	4515	2.56	cps
Silver	109-1	4326	4042	4101	4156	3.60	cps
Sodium	23-2	57589	57900	57681	57723	0.28	cps
Strontium	86-1	110847	111847	110730	111141	0.55	cps
Strontium	88-1	924272	921669	920879	922273	0.19	cps
Sulfur	34-1	194948	194695	195193	194945	0.13	cps
Terbium	159-1	8943495	8816023	9708540	9156019	5.27	cps
Terbium	159-2	3479727	3365728	3569236	3471564	2.94	cps
Thallium	203-1	700	742	833	758	9.00	cps
Thallium	205-1	1625	1508	1742	1625	7.18	cps
Tin	118-1	16143	15426	15785	15784	2.27	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-11	Instrumnet Name :	P8
Client Sample ID :	YB6W2	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:45:23	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	434263	434600	425807	431557	1.15	cps
Uranium	238-1	12373	12473	12115	12320	1.50	cps
Vanadium	51-2	167455	166259	165948	166554	0.48	cps
Ytterbium	172-1	7169	6310	5977	6485	9.49	cps
Ytterbium	172-2	2723	2678	2884	2761	3.92	cps
Ytterbium	176-1	5001	4876	5193	5023	3.18	cps
Ytterbium	176-2	5740	5968	6563	6090	6.97	cps
Yttrium	89-1	11776409	11743893	12542182	12020828	3.76	cps
Yttrium	89-2	1261729	1241104	1342599	1281810	4.19	cps
Zinc	66-2	75262	74606	75386	75085	0.56	cps
Zirconium	90-1	14525	14358	14008	14297	1.85	cps
Zirconium	91-1	3100	3284	2925	3103	5.78	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : N2819-12 Instrumnet Name : P8
 Client Sample ID : YB6W3 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 18:48:22 DataFile Name : 071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933213	930698	924877	929596	0.46	cps
Antimony	121-1	8778	8745	8653	8725	0.74	cps
Arsenic	75-2	148944	147134	147317	147798	0.67	cps
Barium	135-1	394077	395833	393308	394406	0.33	cps
Barium	137-1	689171	686352	674063	683195	1.18	cps
Beryllium	9-1	1464	1476	1510	1483	1.61	cps
Bismuth	209-1	5102160	5329053	5258028	5229747	2.22	cps
Bismuth	209-2	2431373	2460395	2448312	2446693	0.60	cps
Boron	10-1	2304	2336	2332	2324	0.75	cps
Boron	11-1	9439	10380	10640	10153	6.22	cps
Bromine	81-1	36435	37178	37409	37007	1.38	cps
Cadmium	111-1	3364	3200	3156	3240	3.38	cps
Cadmium	106-1	3409	3267	3309	3328	2.19	cps
Cadmium	108-1	258	238	229	242	6.22	cps
Calcium	43-1	333696	332756	333208	333220	0.14	cps
Calcium	44-1	5323376	5334644	5287049	5315023	0.47	cps
Carbon	12-1	11228892	11591518	11846633	11555681	2.69	cps
Carbon	12-2	133478	134445	133570	133831	0.40	cps
Chlorine	35-1	41026208	44879480	46834606	44246765	6.68	cps
Chlorine	35-2	425305	434061	435249	431538	1.26	cps
Chromium	52-2	127355	127106	126979	127147	0.15	cps
Cobalt	59-2	100126	98408	97304	98613	1.44	cps
Copper	63-2	283283	283521	277102	281302	1.29	cps
Dysprosium	156-1	22403	23079	22394	22625	1.74	cps
Dysprosium	156-2	9160	9263	8760	9061	2.94	cps
Erbium	164-1	22544	21935	22553	22344	1.59	cps
Erbium	164-2	8993	8446	8243	8561	4.53	cps
Gadolinium	160-1	21626	23521	22603	22584	4.20	cps
Gadolinium	160-2	10104	10107	9717	9976	2.25	cps
Holmium	165-1	8354127	8450264	8500060	8434817	0.88	cps
Holmium	165-2	3558758	3504267	3565464	3542830	0.95	cps
Indium	115-1	7320168	7327836	7219741	7289249	0.83	cps
Indium	115-2	1158314	1172681	1160032	1163676	0.67	cps
Iron	54-2	5007535	5031915	4808128	4949192	2.48	cps
Iron	56-2	90107705	89281838	87769238	89052927	1.33	cps
Iron	57-2	2284256	2284988	2285752	2284999	0.03	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-12	Instrumnet Name :	P8
Client Sample ID :	YB6W3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:48:22	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3906	3905	3848	3886	0.86	cps
Lead	206-1	633253	633763	620607	629208	1.18	cps
Lead	207-1	542511	527085	526574	532057	1.70	cps
Lead	208-1	2478337	2466940	2442841	2462706	0.74	cps
Lithium	6-1	3519423	3584925	3380241	3494863	2.99	cps
Magnesium	24-2	1738183	1696287	1749228	1727899	1.62	cps
Manganese	55-2	1170873	1169043	1156373	1165429	0.68	cps
Molybdenum	94-1	14358	13374	13190	13640	4.60	cps
Molybdenum	95-1	10354	10604	11113	10691	3.62	cps
Molybdenum	96-1	17920	18288	17912	18040	1.19	cps
Molybdenum	97-1	6026	6577	6293	6299	4.37	cps
Molybdenum	98-1	17545	17370	17445	17453	0.50	cps
Neodymium	150-1	33997	35053	35280	34777	1.97	cps
Neodymium	150-2	11075	11021	10998	11031	0.36	cps
Nickel	60-2	61409	60900	59514	60608	1.62	cps
Phosphorus	31-2	5259	5093	5743	5365	6.30	cps
Potassium	39-2	274249	274611	271188	273349	0.69	cps
Rhodium	103-1	6981972	6929222	6717859	6876351	2.03	cps
Rhodium	103-2	2789107	2841003	2829714	2819941	0.97	cps
Scandium	45-1	5188113	5269992	5158135	5205413	1.11	cps
Scandium	45-2	163489	167627	165620	165579	1.25	cps
Selenium	82-1	330	220	341	297	22.55	cps
Selenium	77-2	57	37	57	50	23.09	cps
Selenium	78-2	151	172	157	160	6.76	cps
Silicon	28-1	12872761	12804757	12684985	12787501	0.74	cps
Silver	107-1	8344	7544	7994	7961	5.04	cps
Silver	109-1	7694	7285	7661	7547	3.01	cps
Sodium	23-2	85241	85039	83900	84727	0.85	cps
Strontium	86-1	264975	267719	260689	264461	1.34	cps
Strontium	88-1	2319410	2218049	2255544	2264334	2.26	cps
Sulfur	34-1	310998	313126	311589	311904	0.35	cps
Terbium	159-1	8925779	8793992	8757673	8825815	1.00	cps
Terbium	159-2	3587795	3504801	3541462	3544686	1.17	cps
Thallium	203-1	942	817	742	833	12.12	cps
Thallium	205-1	1967	2100	1825	1964	7.00	cps
Tin	118-1	15301	15509	14808	15206	2.37	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-12	Instrumnet Name :	P8
Client Sample ID :	YB6W3	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:48:22	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	589044	591476	578397	586306	1.19	cps
Uranium	238-1	24349	24599	24558	24502	0.55	cps
Vanadium	51-2	180170	178865	175637	178224	1.31	cps
Ytterbium	172-1	7019	7853	7427	7433	5.61	cps
Ytterbium	172-2	3317	3184	3212	3237	2.17	cps
Ytterbium	176-1	5901	5351	5701	5651	4.93	cps
Ytterbium	176-2	6374	6718	6541	6544	2.63	cps
Yttrium	89-1	11629800	11636411	11548108	11604773	0.42	cps
Yttrium	89-2	1309688	1337209	1313754	1320217	1.13	cps
Zinc	66-2	137494	135246	133867	135536	1.35	cps
Zirconium	90-1	20574	20065	20625	20421	1.52	cps
Zirconium	91-1	5451	4668	4951	5023	7.90	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:51:20	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	826417	822422	812911	820583	0.85	cps
Antimony	121-1	7994	8803	8778	8525	5.39	cps
Arsenic	75-2	184209	181685	181410	182434	0.85	cps
Barium	135-1	367412	366468	368734	367538	0.31	cps
Barium	137-1	628411	640252	628741	632468	1.07	cps
Beryllium	9-1	1342	1220	1256	1272	4.93	cps
Bismuth	209-1	5310544	5307065	5486367	5367992	1.91	cps
Bismuth	209-2	2384830	2407724	2399315	2397290	0.48	cps
Boron	10-1	1668	1776	1710	1718	3.17	cps
Boron	11-1	6934	7360	7522	7272	4.18	cps
Bromine	81-1	36435	36626	37248	36770	1.16	cps
Cadmium	111-1	2965	2937	2777	2893	3.51	cps
Cadmium	106-1	3325	3142	3034	3167	4.66	cps
Cadmium	108-1	138	167	192	165	16.40	cps
Calcium	43-1	209607	212255	211542	211135	0.65	cps
Calcium	44-1	3351198	3389825	3500880	3413968	2.28	cps
Carbon	12-1	6930373	7052224	7140042	7040880	1.50	cps
Carbon	12-2	79431	80939	81493	80621	1.32	cps
Chlorine	35-1	39598630	44157399	45762323	43172784	7.41	cps
Chlorine	35-2	413652	415081	422753	417162	1.17	cps
Chromium	52-2	101702	101491	98427	100540	1.82	cps
Cobalt	59-2	73760	73683	73382	73608	0.27	cps
Copper	63-2	265232	255173	260161	260188	1.93	cps
Dysprosium	156-1	20015	19765	19006	19595	2.68	cps
Dysprosium	156-2	7719	8253	7486	7819	5.03	cps
Erbium	164-1	19431	19557	19181	19390	0.99	cps
Erbium	164-2	7069	7235	7342	7215	1.91	cps
Gadolinium	160-1	20374	20325	19006	19902	3.90	cps
Gadolinium	160-2	8593	8653	8673	8640	0.48	cps
Holmium	165-1	8395349	8580786	8874043	8616726	2.80	cps
Holmium	165-2	3527375	3492686	3449222	3489761	1.12	cps
Indium	115-1	7320606	7446891	7700411	7489302	2.58	cps
Indium	115-2	1155192	1141377	1162458	1153009	0.93	cps
Iron	54-2	4764924	4761018	4692089	4739343	0.86	cps
Iron	56-2	85117491	85365210	85606510	85363070	0.29	cps
Iron	57-2	2170715	2222942	2171007	2188221	1.37	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:51:20	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4143	3923	3971	4012	2.88	cps
Lead	206-1	581327	565619	574249	573731	1.37	cps
Lead	207-1	479818	466979	474539	473779	1.36	cps
Lead	208-1	2249239	2220190	2212637	2227355	0.87	cps
Lithium	6-1	3513080	3488822	3592927	3531610	1.54	cps
Magnesium	24-2	1348490	1344706	1350323	1347839	0.21	cps
Manganese	55-2	732719	714607	717096	721474	1.36	cps
Molybdenum	94-1	13290	12873	12448	12870	3.27	cps
Molybdenum	95-1	10663	10963	10454	10693	2.39	cps
Molybdenum	96-1	18438	17420	17862	17906	2.85	cps
Molybdenum	97-1	6535	6252	6360	6382	2.24	cps
Molybdenum	98-1	17528	16969	16419	16972	3.27	cps
Neodymium	150-1	29854	30589	31110	30517	2.07	cps
Neodymium	150-2	9947	9403	9403	9585	3.28	cps
Nickel	60-2	45924	45319	45627	45623	0.66	cps
Phosphorus	31-2	4109	4542	4176	4276	5.46	cps
Potassium	39-2	244347	242263	239456	242022	1.01	cps
Rhodium	103-1	6905824	6849291	7183715	6979610	2.56	cps
Rhodium	103-2	2787724	2763850	2865804	2805793	1.90	cps
Scandium	45-1	5175173	5253627	5500315	5309705	3.20	cps
Scandium	45-2	166197	162172	162723	163697	1.33	cps
Selenium	82-1	70	338	385	264	64.29	cps
Selenium	77-2	50	60	50	53	10.83	cps
Selenium	78-2	132	136	126	131	3.83	cps
Silicon	28-1	12130971	12317809	12545500	12331427	1.68	cps
Silver	107-1	17078	16327	15501	16302	4.84	cps
Silver	109-1	16802	16293	15634	16243	3.61	cps
Sodium	23-2	95974	94859	97517	96117	1.39	cps
Strontium	86-1	275282	269646	269478	271469	1.22	cps
Strontium	88-1	2330470	2280295	2310371	2307045	1.09	cps
Sulfur	34-1	310945	312411	316102	313153	0.85	cps
Terbium	159-1	8863240	8917638	9244385	9008421	2.29	cps
Terbium	159-2	3541152	3547502	3489381	3526012	0.90	cps
Thallium	203-1	1075	992	917	995	7.97	cps
Thallium	205-1	1975	2042	1950	1989	2.38	cps
Tin	118-1	13557	13932	13766	13752	1.37	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:51:20	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	607029	609164	614845	610346	0.66	cps
Uranium	238-1	22270	22395	22462	22376	0.44	cps
Vanadium	51-2	152015	151299	151012	151442	0.34	cps
Ytterbium	172-1	5801	6127	5910	5946	2.78	cps
Ytterbium	172-2	2984	2661	2856	2834	5.73	cps
Ytterbium	176-1	4843	5276	4926	5015	4.59	cps
Ytterbium	176-2	6135	6496	6468	6366	3.16	cps
Yttrium	89-1	11526907	11616988	12321463	11821786	3.68	cps
Yttrium	89-2	1287280	1297641	1321466	1302129	1.35	cps
Zinc	66-2	112567	111012	109775	111118	1.26	cps
Zirconium	90-1	18062	18463	17637	18054	2.29	cps
Zirconium	91-1	4501	4392	4092	4329	4.89	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : N2819-14 Instrumnet Name : P8
 Client Sample ID : YB6W5 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 18:54:19 DataFile Name : 073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389860	393849	386606	390105	0.93	cps
Antimony	121-1	73809	74026	74830	74222	0.72	cps
Arsenic	75-2	2637529	2686336	2732878	2685581	1.78	cps
Barium	135-1	331936	323127	325324	326796	1.40	cps
Barium	137-1	584330	561677	558710	568239	2.47	cps
Beryllium	9-1	586	556	554	565	3.17	cps
Bismuth	209-1	5393589	5368103	5096355	5286016	3.12	cps
Bismuth	209-2	2787979	2506855	2472419	2589084	6.69	cps
Boron	10-1	1208	1260	1198	1222	2.72	cps
Boron	11-1	5536	5322	5728	5529	3.67	cps
Bromine	81-1	36275	38132	37972	37459	2.75	cps
Cadmium	111-1	2878	3075	2567	2840	9.02	cps
Cadmium	106-1	3309	3409	3009	3242	6.42	cps
Cadmium	108-1	192	142	188	174	15.98	cps
Calcium	43-1	882474	883255	889018	884916	0.40	cps
Calcium	44-1	13989898	13877179	14188712	14018596	1.13	cps
Carbon	12-1	4433353	4465678	4432507	4443846	0.43	cps
Carbon	12-2	52804	51474	52637	52305	1.38	cps
Chlorine	35-1	43253470	47292118	49510646	46685411	6.80	cps
Chlorine	35-2	440856	452406	456271	449844	1.78	cps
Chromium	52-2	60367	60584	60317	60423	0.24	cps
Cobalt	59-2	31856	31542	32009	31802	0.75	cps
Copper	63-2	216285	211900	210976	213054	1.33	cps
Dysprosium	156-1	10696	11180	11038	10971	2.27	cps
Dysprosium	156-2	4177	4347	4237	4254	2.03	cps
Erbium	164-1	8770	9037	9178	8995	2.31	cps
Erbium	164-2	3507	3764	3554	3608	3.79	cps
Gadolinium	160-1	9954	10738	10079	10257	4.11	cps
Gadolinium	160-2	4591	4457	4487	4512	1.55	cps
Holmium	165-1	8773439	8488664	8129567	8463890	3.81	cps
Holmium	165-2	4021657	3638741	3380360	3680253	8.77	cps
Indium	115-1	7463301	7316581	7045555	7275146	2.91	cps
Indium	115-2	1322863	1199082	1145881	1222609	7.43	cps
Iron	54-2	8848803	8846034	8734028	8809622	0.74	cps
Iron	56-2	158908415	158517009	157556559	158327328	0.44	cps
Iron	57-2	3956900	3969514	4048953	3991789	1.25	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:54:19	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3970	3995	3938	3968	0.73	cps
Lead	206-1	10565737	10506619	10299360	10457239	1.34	cps
Lead	207-1	8738291	8757468	8590026	8695262	1.05	cps
Lead	208-1	41136137	40896240	40398790	40810389	0.92	cps
Lithium	6-1	3476500	3457230	3233735	3389155	3.98	cps
Magnesium	24-2	480842	490418	493873	488377	1.38	cps
Manganese	55-2	255715	255925	255969	255870	0.05	cps
Molybdenum	94-1	38479	39248	40234	39320	2.24	cps
Molybdenum	95-1	47833	46395	46111	46780	1.97	cps
Molybdenum	96-1	62726	60541	60701	61323	1.99	cps
Molybdenum	97-1	28897	28463	28580	28647	0.78	cps
Molybdenum	98-1	76385	72364	72063	73604	3.28	cps
Neodymium	150-1	18607	18660	19147	18805	1.58	cps
Neodymium	150-2	5598	5801	5718	5706	1.79	cps
Nickel	60-2	20365	21346	20879	20863	2.35	cps
Phosphorus	31-2	5476	5760	5493	5576	2.85	cps
Potassium	39-2	390362	387557	384500	387473	0.76	cps
Rhodium	103-1	6994467	6916847	6576004	6829106	3.26	cps
Rhodium	103-2	3234728	2997128	2752526	2994794	8.05	cps
Scandium	45-1	5307268	5273795	5126066	5235710	1.84	cps
Scandium	45-2	190499	170202	160757	173819	8.74	cps
Selenium	82-1	4354	4314	4391	4353	0.89	cps
Selenium	77-2	157	140	130	142	9.47	cps
Selenium	78-2	553	572	582	569	2.59	cps
Silicon	28-1	6104216	6169175	6149443	6140945	0.54	cps
Silver	107-1	58643	59923	60107	59558	1.34	cps
Silver	109-1	56023	55814	57161	56333	1.29	cps
Sodium	23-2	352214	360098	359349	357220	1.22	cps
Strontium	86-1	3391743	3407445	3310356	3369848	1.55	cps
Strontium	88-1	29256055	28413821	29008005	28892627	1.50	cps
Sulfur	34-1	2027427	2014726	2059676	2033943	1.14	cps
Terbium	159-1	9039307	8918145	8569984	8842479	2.76	cps
Terbium	159-2	4124577	3568725	3482994	3725432	9.35	cps
Thallium	203-1	3175	3234	3226	3212	0.98	cps
Thallium	205-1	7694	7928	7527	7716	2.61	cps
Tin	118-1	20900	20658	20641	20733	0.70	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:54:19	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	664642	661990	659911	662181	0.36	cps
Uranium	238-1	11013	10788	10563	10788	2.09	cps
Vanadium	51-2	89153	87862	89216	88744	0.86	cps
Ytterbium	172-1	2517	2667	2467	2550	4.08	cps
Ytterbium	172-2	1022	1000	1022	1015	1.26	cps
Ytterbium	176-1	2584	2384	2534	2500	4.16	cps
Ytterbium	176-2	5412	5523	5351	5429	1.61	cps
Yttrium	89-1	11918165	11760110	11170813	11616363	3.39	cps
Yttrium	89-2	1524064	1330313	1262231	1372203	9.90	cps
Zinc	66-2	40635	41287	41461	41127	1.06	cps
Zirconium	90-1	33767	35061	32956	33928	3.13	cps
Zirconium	91-1	14566	14441	14650	14552	0.72	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:57:12	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391205	380373	385317	385631	1.41	cps
Antimony	121-1	73993	71874	74537	73468	1.92	cps
Arsenic	75-2	2669590	2620514	2718261	2669455	1.83	cps
Barium	135-1	319049	324402	321515	321656	0.83	cps
Barium	137-1	573797	563264	559855	565639	1.28	cps
Beryllium	9-1	530	518	546	531	2.64	cps
Bismuth	209-1	5282830	5340917	5334057	5319268	0.60	cps
Bismuth	209-2	2463243	2429172	2449135	2447183	0.70	cps
Boron	10-1	1136	1212	1196	1181	3.39	cps
Boron	11-1	5220	5178	5300	5233	1.18	cps
Bromine	81-1	37028	37018	38905	37650	2.89	cps
Cadmium	111-1	2969	3138	2939	3015	3.55	cps
Cadmium	106-1	3384	3617	3326	3442	4.49	cps
Cadmium	108-1	167	171	121	153	18.16	cps
Calcium	43-1	876308	864740	867985	869678	0.69	cps
Calcium	44-1	13981253	13776798	13851484	13869845	0.75	cps
Carbon	12-1	4335554	4445115	4505097	4428589	1.94	cps
Carbon	12-2	49760	51156	52561	51159	2.74	cps
Chlorine	35-1	42994827	47321980	49084802	46467203	6.74	cps
Chlorine	35-2	442445	444842	456925	448071	1.73	cps
Chromium	52-2	60856	60517	61150	60841	0.52	cps
Cobalt	59-2	31829	31883	31882	31865	0.10	cps
Copper	63-2	212832	208632	215832	212432	1.70	cps
Dysprosium	156-1	10796	10863	10771	10810	0.44	cps
Dysprosium	156-2	4181	4184	4331	4232	2.02	cps
Erbium	164-1	8903	8686	8595	8728	1.82	cps
Erbium	164-2	3350	3354	3234	3313	2.06	cps
Gadolinium	160-1	10229	9754	10263	10082	2.82	cps
Gadolinium	160-2	4351	4527	4507	4462	2.17	cps
Holmium	165-1	8454460	8432122	8464210	8450264	0.19	cps
Holmium	165-2	3598639	3473106	3495308	3522351	1.90	cps
Indium	115-1	7389435	7236307	7380472	7335405	1.17	cps
Indium	115-2	1154588	1146654	1160857	1154033	0.62	cps
Iron	54-2	8812946	8894617	8841776	8849779	0.47	cps
Iron	56-2	163867315	157606948	158734115	160069459	2.08	cps
Iron	57-2	4116509	4110640	4082861	4103336	0.44	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:57:12	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4033	3968	4125	4042	1.96	cps
Lead	206-1	10600452	10077674	10228220	10302116	2.61	cps
Lead	207-1	8656889	8407809	8577982	8547560	1.49	cps
Lead	208-1	40668293	39315718	39944983	39976331	1.69	cps
Lithium	6-1	3307071	3341752	3412679	3353834	1.61	cps
Magnesium	24-2	485637	468902	490504	481681	2.35	cps
Manganese	55-2	253880	251678	253422	252993	0.46	cps
Molybdenum	94-1	39941	39390	40133	39821	0.97	cps
Molybdenum	95-1	45960	45600	46620	46060	1.12	cps
Molybdenum	96-1	61972	62031	62760	62255	0.70	cps
Molybdenum	97-1	27878	28046	28622	28182	1.38	cps
Molybdenum	98-1	71970	71468	73387	72275	1.38	cps
Neodymium	150-1	19314	18259	18193	18589	3.39	cps
Neodymium	150-2	5918	5788	5855	5854	1.11	cps
Nickel	60-2	21209	20762	20852	20941	1.13	cps
Phosphorus	31-2	5660	5334	5551	5515	3.00	cps
Potassium	39-2	391441	379509	381313	384088	1.67	cps
Rhodium	103-1	6790926	6710294	6692425	6731215	0.78	cps
Rhodium	103-2	2797141	2731260	2837712	2788704	1.93	cps
Scandium	45-1	5213277	5273178	5166907	5217787	1.02	cps
Scandium	45-2	167192	163634	166734	165853	1.17	cps
Selenium	82-1	4339	4284	4166	4263	2.07	cps
Selenium	77-2	150	173	100	141	26.55	cps
Selenium	78-2	540	558	510	536	4.52	cps
Silicon	28-1	5782877	5815061	5758890	5785609	0.49	cps
Silver	107-1	59053	59003	61061	59705	1.97	cps
Silver	109-1	58835	56367	58115	57772	2.20	cps
Sodium	23-2	363284	356575	366172	362010	1.36	cps
Strontium	86-1	3394148	3293770	3245700	3311206	2.29	cps
Strontium	88-1	28572959	28531429	27901286	28335225	1.33	cps
Sulfur	34-1	2000353	2025227	2034160	2019914	0.87	cps
Terbium	159-1	8857220	8801844	8772796	8810620	0.49	cps
Terbium	159-2	3517155	3424452	3432463	3458024	1.49	cps
Thallium	203-1	3251	3584	3192	3342	6.32	cps
Thallium	205-1	7994	7728	7836	7853	1.71	cps
Tin	118-1	19781	19339	20015	19712	1.74	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 18:57:12	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	656708	668444	655020	660057	1.11	cps
Uranium	238-1	10471	10596	10755	10608	1.34	cps
Vanadium	51-2	87942	87221	87764	87642	0.43	cps
Ytterbium	172-1	2359	2150	2425	2311	6.21	cps
Ytterbium	172-2	1150	1050	978	1059	8.16	cps
Ytterbium	176-1	2634	2567	2550	2584	1.71	cps
Ytterbium	176-2	4773	5390	4918	5027	6.42	cps
Yttrium	89-1	11666938	11671411	11475149	11604499	0.97	cps
Yttrium	89-2	1289303	1259808	1270417	1273176	1.17	cps
Zinc	66-2	41220	40334	39873	40476	1.69	cps
Zirconium	90-1	34310	34334	33858	34167	0.78	cps
Zirconium	91-1	14224	13782	13932	13980	1.61	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LX5	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 19:00:07	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77776	76280	76344	76800	1.10	cps
Antimony	121-1	14249	14083	14783	14372	2.55	cps
Arsenic	75-2	510825	500388	499661	503625	1.24	cps
Barium	135-1	64697	66053	63943	64898	1.65	cps
Barium	137-1	107787	108425	110610	108941	1.36	cps
Beryllium	9-1	112	120	106	113	6.24	cps
Bismuth	209-1	5188957	4990560	5155282	5111600	2.08	cps
Bismuth	209-2	2337441	2361233	2416163	2371612	1.70	cps
Boron	10-1	812	888	824	841	4.86	cps
Boron	11-1	3664	3686	3782	3710	1.69	cps
Bromine	81-1	38674	38634	37299	38202	2.05	cps
Cadmium	111-1	2036	2006	2236	2092	5.97	cps
Cadmium	106-1	2734	2709	2992	2811	5.58	cps
Cadmium	108-1	46	33	54	44	23.60	cps
Calcium	43-1	171022	171988	170303	171105	0.49	cps
Calcium	44-1	2762202	2793904	2718358	2758155	1.38	cps
Carbon	12-1	3954219	4030885	4123144	4036083	2.10	cps
Carbon	12-2	47143	45839	48598	47193	2.93	cps
Chlorine	35-1	16042603	15973965	15906111	15974226	0.43	cps
Chlorine	35-2	138568	137827	135094	137163	1.33	cps
Chromium	52-2	12359	12702	11938	12333	3.10	cps
Cobalt	59-2	6401	6368	6405	6391	0.32	cps
Copper	63-2	42173	42600	43169	42647	1.17	cps
Dysprosium	156-1	2084	2317	2050	2150	6.76	cps
Dysprosium	156-2	793	887	923	868	7.72	cps
Erbium	164-1	1683	1909	1784	1792	6.29	cps
Erbium	164-2	717	683	663	688	3.92	cps
Gadolinium	160-1	1792	2117	2192	2034	10.46	cps
Gadolinium	160-2	913	1023	1000	979	5.92	cps
Holmium	165-1	8138810	7934110	8135988	8069636	1.45	cps
Holmium	165-2	3474454	3388303	3446211	3436323	1.28	cps
Indium	115-1	7243223	7053017	7208296	7168179	1.41	cps
Indium	115-2	1155237	1130487	1140972	1142232	1.09	cps
Iron	54-2	1759552	1678470	1767577	1735200	2.84	cps
Iron	56-2	32730375	31654836	31474351	31953188	2.13	cps
Iron	57-2	775943	763056	779128	772709	1.10	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LX5	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 19:00:07	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3959	3929	3905	3931	0.69	cps
Lead	206-1	2112530	2145986	2109763	2122760	0.95	cps
Lead	207-1	1716472	1735834	1705573	1719293	0.89	cps
Lead	208-1	8110531	8195685	8078568	8128261	0.74	cps
Lithium	6-1	3344746	3145509	3222508	3237588	3.10	cps
Magnesium	24-2	95278	95320	95103	95234	0.12	cps
Manganese	55-2	52072	51158	49994	51075	2.04	cps
Molybdenum	94-1	7294	7986	7469	7583	4.75	cps
Molybdenum	95-1	8836	9720	9086	9214	4.95	cps
Molybdenum	96-1	12047	12673	11772	12164	3.80	cps
Molybdenum	97-1	5384	5543	5710	5546	2.93	cps
Molybdenum	98-1	13665	13832	14199	13899	1.97	cps
Neodymium	150-1	3447	3494	3407	3449	1.26	cps
Neodymium	150-2	1250	1090	1170	1170	6.84	cps
Nickel	60-2	3977	4101	4121	4066	1.91	cps
Phosphorus	31-2	1108	1150	1075	1111	3.38	cps
Potassium	39-2	89394	89007	87583	88661	1.08	cps
Rhodium	103-1	6951198	6719023	6568695	6746306	2.86	cps
Rhodium	103-2	2771499	2703028	2825408	2766645	2.22	cps
Scandium	45-1	5054756	5026265	5003304	5028108	0.51	cps
Scandium	45-2	158826	158925	157225	158326	0.60	cps
Selenium	82-1	960	780	798	846	11.74	cps
Selenium	77-2	40	30	30	33	17.32	cps
Selenium	78-2	190	176	190	185	4.36	cps
Silicon	28-1	1472746	1461951	1478358	1471019	0.57	cps
Silver	107-1	11922	11247	11622	11597	2.92	cps
Silver	109-1	11297	10829	11438	11188	2.85	cps
Sodium	23-2	82542	80866	82634	82014	1.21	cps
Strontium	86-1	665770	660558	653357	659895	0.94	cps
Strontium	88-1	5732095	5548535	5631760	5637463	1.63	cps
Sulfur	34-1	647548	654072	642601	648074	0.89	cps
Terbium	159-1	8616167	8441044	8455151	8504121	1.14	cps
Terbium	159-2	3490932	3449927	3451296	3464052	0.67	cps
Thallium	203-1	758	767	783	769	1.65	cps
Thallium	205-1	1542	1792	1759	1697	8.00	cps
Tin	118-1	5101	4651	4893	4882	4.61	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LX5	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	5
Date & Time Acquired ::	2022-05-18 19:00:07	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	126844	126270	129197	127437	1.22	cps
Uranium	238-1	2309	1950	1742	2000	14.33	cps
Vanadium	51-2	17464	16933	17150	17183	1.55	cps
Ytterbium	172-1	508	442	508	486	7.92	cps
Ytterbium	172-2	172	228	217	206	14.30	cps
Ytterbium	176-1	1300	1267	1408	1325	5.59	cps
Ytterbium	176-2	4217	4395	4501	4371	3.28	cps
Yttrium	89-1	11467172	11040684	11217112	11241656	1.91	cps
Yttrium	89-2	1270809	1225280	1249133	1248407	1.82	cps
Zinc	66-2	8159	8142	8069	8124	0.59	cps
Zirconium	90-1	6785	6693	6610	6696	1.31	cps
Zirconium	91-1	2842	2800	3042	2895	4.46	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:03:04	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470884	458439	464954	464759	1.34	cps
Antimony	121-1	184086	184951	180635	183224	1.25	cps
Arsenic	75-2	3010303	3042552	2963915	3005590	1.32	cps
Barium	135-1	947005	943717	956304	949009	0.69	cps
Barium	137-1	1664321	1619637	1658933	1647631	1.48	cps
Beryllium	9-1	20823	20580	20274	20559	1.34	cps
Bismuth	209-1	5041200	5319378	5179771	5180117	2.69	cps
Bismuth	209-2	2488340	2493345	2354446	2445377	3.22	cps
Boron	10-1	1198	1256	1262	1238	2.85	cps
Boron	11-1	5356	5142	5516	5338	3.52	cps
Bromine	81-1	34919	36727	36766	36137	2.92	cps
Cadmium	111-1	20783	20121	20371	20425	1.64	cps
Cadmium	106-1	4918	4784	4934	4879	1.69	cps
Cadmium	108-1	1358	1396	1421	1392	2.26	cps
Calcium	43-1	1019406	1029057	1010619	1019694	0.90	cps
Calcium	44-1	16151525	16202576	15587518	15980540	2.14	cps
Carbon	12-1	4491765	4550958	4618375	4553699	1.39	cps
Carbon	12-2	55171	54067	53849	54362	1.30	cps
Chlorine	35-1	36104562	40879338	43550786	40178229	9.39	cps
Chlorine	35-2	401328	405910	417180	408140	2.00	cps
Chromium	52-2	135695	132125	134548	134122	1.36	cps
Cobalt	59-2	322601	321099	323359	322353	0.36	cps
Copper	63-2	343980	342617	340678	342425	0.48	cps
Dysprosium	156-1	12189	12656	12323	12389	1.94	cps
Dysprosium	156-2	5131	4854	5011	4999	2.78	cps
Erbium	164-1	10446	10379	10296	10374	0.72	cps
Erbium	164-2	3921	4024	3777	3907	3.17	cps
Gadolinium	160-1	10780	12631	11964	11792	7.95	cps
Gadolinium	160-2	5301	5435	5174	5303	2.45	cps
Holmium	165-1	8047629	8484649	8358595	8296958	2.71	cps
Holmium	165-2	3480513	3536962	3318425	3445300	3.29	cps
Indium	115-1	7154967	7183253	7264309	7200843	0.79	cps
Indium	115-2	1165448	1176565	1100068	1147360	3.60	cps
Iron	54-2	10055905	10149662	9690275	9965281	2.44	cps
Iron	56-2	184279932	179111137	183022226	182137765	1.48	cps
Iron	57-2	4596845	4557882	4525144	4559957	0.79	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:03:04	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3955	3826	4039	3940	2.72	cps
Lead	206-1	11872008	11601835	11497113	11656985	1.66	cps
Lead	207-1	9682227	9354260	9453346	9496611	1.77	cps
Lead	208-1	45100158	44822605	44648517	44857093	0.51	cps
Lithium	6-1	3322033	3337088	3401953	3353691	1.27	cps
Magnesium	24-2	559335	551053	547994	552794	1.06	cps
Manganese	55-2	380225	376305	371325	375952	1.19	cps
Molybdenum	94-1	248541	249149	246755	248148	0.50	cps
Molybdenum	95-1	415519	412163	403859	410513	1.46	cps
Molybdenum	96-1	462896	455348	437418	451887	2.90	cps
Molybdenum	97-1	259768	251414	253767	254983	1.69	cps
Molybdenum	98-1	650953	655522	657951	654809	0.54	cps
Neodymium	150-1	21564	21678	21397	21546	0.65	cps
Neodymium	150-2	6812	6778	7095	6895	2.52	cps
Nickel	60-2	98755	100902	101033	100230	1.28	cps
Phosphorus	31-2	6377	6427	6235	6346	1.57	cps
Potassium	39-2	438419	431106	431073	433533	0.98	cps
Rhodium	103-1	6485154	6640325	6893689	6673056	3.09	cps
Rhodium	103-2	2733746	2793605	2709924	2745758	1.57	cps
Scandium	45-1	5084242	5129883	5185447	5133191	0.99	cps
Scandium	45-2	164487	165291	153507	161095	4.09	cps
Selenium	82-1	7542	7642	7303	7496	2.32	cps
Selenium	77-2	317	287	227	277	16.56	cps
Selenium	78-2	875	865	886	875	1.20	cps
Silicon	28-1	9150458	9076411	9256499	9161123	0.99	cps
Silver	107-1	152913	152962	154689	153521	0.66	cps
Silver	109-1	146972	149955	146114	147680	1.37	cps
Sodium	23-2	403975	394281	397805	398687	1.23	cps
Strontium	86-1	8365659	8277025	8125830	8256172	1.47	cps
Strontium	88-1	71501697	70585666	71461808	71183057	0.73	cps
Sulfur	34-1	2239854	2226958	2301132	2255981	1.76	cps
Terbium	159-1	8347263	8887302	8615642	8616736	3.13	cps
Terbium	159-2	3565915	3513158	3357298	3478790	3.12	cps
Thallium	203-1	58140	57889	57988	58006	0.22	cps
Thallium	205-1	137990	138503	135598	137364	1.13	cps
Tin	118-1	22886	22360	23997	23081	3.62	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:03:04	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	701975	705294	687759	698343	1.33	cps
Uranium	238-1	712164	710410	730159	717578	1.52	cps
Vanadium	51-2	237875	233948	236231	236018	0.84	cps
Ytterbium	172-1	2459	2800	2700	2653	6.62	cps
Ytterbium	172-2	1245	1278	1439	1320	7.88	cps
Ytterbium	176-1	2600	2975	2492	2689	9.43	cps
Ytterbium	176-2	4773	5190	5173	5045	4.68	cps
Yttrium	89-1	11380381	11392289	11434377	11402349	0.25	cps
Yttrium	89-2	1287950	1290067	1236060	1271359	2.41	cps
Zinc	66-2	75443	74706	75413	75188	0.55	cps
Zirconium	90-1	38638	37510	36908	37685	2.33	cps
Zirconium	91-1	16069	15801	15601	15824	1.48	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-17	Instrumnet Name :	P8
Client Sample ID :	YB6W6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:06:00	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	760481	768054	761833	763456	0.53	cps
Antimony	121-1	5426	5193	5426	5348	2.52	cps
Arsenic	75-2	146726	146927	145873	146509	0.38	cps
Barium	135-1	335885	333330	336701	335306	0.52	cps
Barium	137-1	576712	583332	584971	581672	0.75	cps
Beryllium	9-1	1846	1730	1822	1799	3.40	cps
Bismuth	209-1	5307574	5147249	5379009	5277944	2.25	cps
Bismuth	209-2	2429025	2389927	2357966	2392306	1.49	cps
Boron	10-1	1078	1144	1122	1114	3.01	cps
Boron	11-1	4834	4894	5226	4985	4.24	cps
Bromine	81-1	37850	38543	37389	37927	1.53	cps
Cadmium	111-1	3412	3169	3093	3225	5.16	cps
Cadmium	106-1	3359	3134	3159	3217	3.83	cps
Cadmium	108-1	217	238	246	233	6.44	cps
Calcium	43-1	165249	165410	163793	164817	0.54	cps
Calcium	44-1	2633321	2710277	2708811	2684136	1.64	cps
Carbon	12-1	5545984	5575926	5580424	5567445	0.34	cps
Carbon	12-2	63220	63035	63965	63406	0.78	cps
Chlorine	35-1	40005476	44503817	46865738	43791677	7.96	cps
Chlorine	35-2	428177	431763	437226	432389	1.05	cps
Chromium	52-2	93094	90568	90957	91540	1.49	cps
Cobalt	59-2	89479	89580	89661	89573	0.10	cps
Copper	63-2	180474	177339	175287	177700	1.47	cps
Dysprosium	156-1	22386	23555	23396	23112	2.74	cps
Dysprosium	156-2	9093	8763	8920	8925	1.85	cps
Erbium	164-1	21601	22269	20867	21579	3.25	cps
Erbium	164-2	8353	8419	8233	8335	1.14	cps
Gadolinium	160-1	21894	22578	22186	22219	1.55	cps
Gadolinium	160-2	9707	9767	9797	9757	0.47	cps
Holmium	165-1	8688480	8239758	8410634	8446291	2.68	cps
Holmium	165-2	3527394	3559627	3432302	3506441	1.89	cps
Indium	115-1	7566163	7208161	7444086	7406137	2.46	cps
Indium	115-2	1165919	1181569	1169955	1172481	0.69	cps
Iron	54-2	3949704	4021354	3887674	3952910	1.69	cps
Iron	56-2	70365349	72569924	71684782	71540018	1.55	cps
Iron	57-2	1813636	1823337	1840038	1825671	0.73	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-17	Instrumnet Name :	P8
Client Sample ID :	YB6W6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:06:00	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4080	4148	4093	4107	0.87	cps
Lead	206-1	498872	499357	493014	497081	0.71	cps
Lead	207-1	413976	423928	418696	418866	1.19	cps
Lead	208-1	1938432	1958303	1930161	1942299	0.74	cps
Lithium	6-1	3236781	3434067	3441736	3370861	3.45	cps
Magnesium	24-2	1319908	1323101	1292386	1311798	1.29	cps
Manganese	55-2	744653	758500	750647	751267	0.92	cps
Molybdenum	94-1	7752	7928	7686	7788	1.60	cps
Molybdenum	95-1	6485	6510	6252	6416	2.22	cps
Molybdenum	96-1	12481	12623	12790	12631	1.22	cps
Molybdenum	97-1	3784	4009	4101	3965	4.11	cps
Molybdenum	98-1	9737	10037	9287	9687	3.90	cps
Neodymium	150-1	36202	37018	36503	36574	1.13	cps
Neodymium	150-2	11952	11762	11355	11690	2.61	cps
Nickel	60-2	38803	39177	39014	38998	0.48	cps
Phosphorus	31-2	5084	5159	5259	5168	1.70	cps
Potassium	39-2	253528	255504	252774	253935	0.56	cps
Rhodium	103-1	6891447	6947347	6770661	6869818	1.31	cps
Rhodium	103-2	2917000	2757899	2811843	2828914	2.86	cps
Scandium	45-1	5261416	5392978	5261431	5305275	1.43	cps
Scandium	45-2	168416	166691	166821	167309	0.57	cps
Selenium	82-1	156	284	190	210	31.46	cps
Selenium	77-2	57	37	57	50	23.09	cps
Selenium	78-2	135	143	147	142	4.32	cps
Silicon	28-1	12573931	12611688	12463575	12549731	0.61	cps
Silver	107-1	4784	4668	4251	4568	6.14	cps
Silver	109-1	4759	4609	4426	4598	3.63	cps
Sodium	23-2	68010	71190	68000	69067	2.66	cps
Strontium	86-1	157965	163367	160324	160552	1.69	cps
Strontium	88-1	1343139	1352981	1340468	1345529	0.49	cps
Sulfur	34-1	252101	248842	246866	249270	1.06	cps
Terbium	159-1	8778834	8842987	8900775	8840865	0.69	cps
Terbium	159-2	3571663	3601828	3549820	3574437	0.73	cps
Thallium	203-1	867	983	1017	956	8.24	cps
Thallium	205-1	2292	2000	2317	2203	7.99	cps
Tin	118-1	9145	9370	9537	9351	2.10	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-17	Instrumnet Name :	P8
Client Sample ID :	YB6W6	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:06:00	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633627	640775	636973	637125	0.56	cps
Uranium	238-1	39805	40122	41185	40371	1.79	cps
Vanadium	51-2	151918	152851	150083	151617	0.93	cps
Ytterbium	172-1	7052	7069	7227	7116	1.36	cps
Ytterbium	172-2	3223	2800	3128	3050	7.27	cps
Ytterbium	176-1	5326	5134	5460	5307	3.08	cps
Ytterbium	176-2	5851	6513	6163	6176	5.36	cps
Yttrium	89-1	11958708	11930254	12092406	11993789	0.72	cps
Yttrium	89-2	1311160	1322835	1341182	1325059	1.14	cps
Zinc	66-2	259094	254045	250181	254440	1.76	cps
Zirconium	90-1	11622	11380	11121	11374	2.20	cps
Zirconium	91-1	3100	2692	2642	2811	8.94	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : N2819-18 Instrumnet Name : P8
 Client Sample ID : YB6W7 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 19:08:57 DataFile Name : 078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280260	279129	273420	277603	1.32	cps
Antimony	121-1	36842	38271	37235	37449	1.97	cps
Arsenic	75-2	1792550	1727477	1753617	1757881	1.86	cps
Barium	135-1	408922	408754	407327	408334	0.21	cps
Barium	137-1	706859	719787	703502	710050	1.21	cps
Beryllium	9-1	432	412	386	410	5.63	cps
Bismuth	209-1	5309938	5411707	5287345	5336330	1.24	cps
Bismuth	209-2	2420282	2471536	2378269	2423362	1.93	cps
Boron	10-1	1038	1074	1212	1108	8.29	cps
Boron	11-1	4618	4530	4586	4578	0.97	cps
Bromine	81-1	37288	38111	40160	38520	3.84	cps
Cadmium	111-1	2417	2398	2865	2560	10.33	cps
Cadmium	106-1	3192	3125	3667	3328	8.88	cps
Cadmium	108-1	371	325	271	322	15.53	cps
Calcium	43-1	565416	554968	558904	559763	0.94	cps
Calcium	44-1	9025778	8798167	9090662	8971536	1.71	cps
Carbon	12-1	4236178	4312363	4411398	4319980	2.03	cps
Carbon	12-2	51323	49668	51232	50741	1.83	cps
Chlorine	35-1	38494291	41478934	43068479	41013902	5.66	cps
Chlorine	35-2	394374	396930	393170	394825	0.49	cps
Chromium	52-2	42299	42804	42684	42596	0.62	cps
Cobalt	59-2	25026	24905	24481	24804	1.15	cps
Copper	63-2	187555	188862	184701	187039	1.14	cps
Dysprosium	156-1	9754	9270	9595	9540	2.59	cps
Dysprosium	156-2	3687	3597	3757	3681	2.18	cps
Erbium	164-1	7269	7394	7736	7466	3.24	cps
Erbium	164-2	2994	2774	3094	2954	5.54	cps
Gadolinium	160-1	8936	9070	8286	8764	4.78	cps
Gadolinium	160-2	3844	3927	3951	3907	1.44	cps
Holmium	165-1	8535276	8349171	8423621	8436023	1.11	cps
Holmium	165-2	3505080	3579280	3543520	3542627	1.05	cps
Indium	115-1	7490076	7423368	7418931	7444125	0.54	cps
Indium	115-2	1154486	1165170	1143180	1154279	0.95	cps
Iron	54-2	6509210	6242795	6325122	6359042	2.15	cps
Iron	56-2	118009778	115361453	116635150	116668793	1.14	cps
Iron	57-2	2965814	3012580	2923648	2967347	1.50	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:08:57	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4101	4111	4074	4096	0.47	cps
Lead	206-1	17404104	17211212	17243244	17286187	0.60	cps
Lead	207-1	14237961	14155733	14019690	14137795	0.78	cps
Lead	208-1	66634117	67466375	66290074	66796855	0.91	cps
Lithium	6-1	3472650	3395558	3440494	3436234	1.13	cps
Magnesium	24-2	353678	352414	352880	352991	0.18	cps
Manganese	55-2	208602	203747	206519	206289	1.18	cps
Molybdenum	94-1	67900	68176	69876	68651	1.56	cps
Molybdenum	95-1	97794	101083	100043	99640	1.69	cps
Molybdenum	96-1	115941	117100	114437	115826	1.15	cps
Molybdenum	97-1	61102	63011	61913	62009	1.54	cps
Molybdenum	98-1	159428	159595	159518	159514	0.05	cps
Neodymium	150-1	16237	16377	16531	16381	0.90	cps
Neodymium	150-2	4991	5461	4991	5148	5.27	cps
Nickel	60-2	11548	11662	11431	11547	1.00	cps
Phosphorus	31-2	4476	4059	4117	4217	5.35	cps
Potassium	39-2	425945	426653	419729	424109	0.90	cps
Rhodium	103-1	7035699	6961228	6950085	6982337	0.67	cps
Rhodium	103-2	2856580	2843733	2785589	2828634	1.34	cps
Scandium	45-1	5214976	5278511	5178401	5223963	0.97	cps
Scandium	45-2	167682	167193	161343	165406	2.13	cps
Selenium	82-1	4160	4001	4121	4094	2.02	cps
Selenium	77-2	133	150	157	147	8.19	cps
Selenium	78-2	537	536	541	538	0.49	cps
Silicon	28-1	5845699	5737350	5719985	5767678	1.18	cps
Silver	107-1	215554	217537	212608	215233	1.15	cps
Silver	109-1	204075	198499	204371	202315	1.64	cps
Sodium	23-2	402331	413782	404939	407017	1.47	cps
Strontium	86-1	1375698	1397900	1420891	1398163	1.62	cps
Strontium	88-1	11936805	11930018	12131673	11999499	0.95	cps
Sulfur	34-1	1419483	1390698	1372196	1394126	1.71	cps
Terbium	159-1	8701481	8925344	8900811	8842545	1.39	cps
Terbium	159-2	3564692	3603909	3554565	3574389	0.73	cps
Thallium	203-1	2009	2209	1917	2045	7.30	cps
Thallium	205-1	4668	5026	5009	4901	4.13	cps
Tin	118-1	21893	21668	22352	21971	1.59	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:08:57	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	468544	459010	465947	464500	1.06	cps
Uranium	238-1	12957	13566	12381	12968	4.57	cps
Vanadium	51-2	72835	72456	71762	72351	0.75	cps
Ytterbium	172-1	2384	2442	2117	2314	7.49	cps
Ytterbium	172-2	1000	1083	1100	1061	5.05	cps
Ytterbium	176-1	2167	2425	2450	2347	6.68	cps
Ytterbium	176-2	5190	5101	5007	5099	1.80	cps
Yttrium	89-1	11441137	11382487	11848414	11557346	2.20	cps
Yttrium	89-2	1297830	1295603	1296733	1296722	0.09	cps
Zinc	66-2	27514	27139	27013	27222	0.96	cps
Zirconium	90-1	29874	28271	29665	29270	2.98	cps
Zirconium	91-1	10930	10279	10813	10674	3.25	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : N2819-19 Instrumnet Name : P8
 Client Sample ID : YB6W8 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 19:11:53 DataFile Name : 079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	301871	299940	301179	300996	0.32	cps
Antimony	121-1	35722	35864	37219	36269	2.28	cps
Arsenic	75-2	1682434	1703123	1708713	1698090	0.82	cps
Barium	135-1	439778	444308	441275	441787	0.52	cps
Barium	137-1	757853	759287	755366	757502	0.26	cps
Beryllium	9-1	446	518	456	473	8.24	cps
Bismuth	209-1	5563725	5481325	5384482	5476511	1.64	cps
Bismuth	209-2	2489430	2487124	2500139	2492231	0.28	cps
Boron	10-1	1110	1142	1102	1118	1.89	cps
Boron	11-1	4570	4666	4942	4726	4.09	cps
Bromine	81-1	37761	37961	38523	38081	1.04	cps
Cadmium	111-1	2738	2729	2358	2608	8.32	cps
Cadmium	106-1	3551	3559	3084	3398	8.00	cps
Cadmium	108-1	342	363	358	354	3.11	cps
Calcium	43-1	528292	533137	527869	529766	0.55	cps
Calcium	44-1	8304065	8567750	8554494	8475436	1.75	cps
Carbon	12-1	4255602	4348724	4473422	4359249	2.51	cps
Carbon	12-2	51098	50738	51742	51192	0.99	cps
Chlorine	35-1	44302703	48989076	51647631	48313137	7.70	cps
Chlorine	35-2	460552	474406	477689	470882	1.93	cps
Chromium	52-2	48485	46536	47750	47590	2.07	cps
Cobalt	59-2	25703	26084	26107	25965	0.87	cps
Copper	63-2	186848	183865	189592	186768	1.53	cps
Dysprosium	156-1	9762	9654	9512	9643	1.30	cps
Dysprosium	156-2	3574	3727	3751	3684	2.61	cps
Erbium	164-1	7761	7619	7185	7522	3.98	cps
Erbium	164-2	3057	2904	2990	2984	2.58	cps
Gadolinium	160-1	9295	9087	9095	9159	1.29	cps
Gadolinium	160-2	4001	3817	4124	3981	3.88	cps
Holmium	165-1	8629804	8312959	8319073	8420612	2.15	cps
Holmium	165-2	3459160	3531458	3497950	3496189	1.03	cps
Indium	115-1	7487681	7512132	7310570	7436795	1.48	cps
Indium	115-2	1183481	1174441	1189432	1182451	0.64	cps
Iron	54-2	6466053	6476122	6654383	6532186	1.62	cps
Iron	56-2	117579878	117684919	118349822	117871540	0.35	cps
Iron	57-2	3048341	3014563	2933158	2998687	1.97	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:11:53	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4008	4036	4061	4035	0.67	cps
Lead	206-1	17796068	17249683	16674881	17240211	3.25	cps
Lead	207-1	14483150	14074862	14007311	14188441	1.81	cps
Lead	208-1	67777218	66410237	65549714	66579056	1.69	cps
Lithium	6-1	3445878	3419335	3412094	3425769	0.52	cps
Magnesium	24-2	376447	384987	382083	381172	1.14	cps
Manganese	55-2	215229	213321	215426	214659	0.54	cps
Molybdenum	94-1	67305	65254	67515	66691	1.87	cps
Molybdenum	95-1	96562	96242	96467	96424	0.17	cps
Molybdenum	96-1	115977	114304	113992	114758	0.93	cps
Molybdenum	97-1	60348	60331	58959	59880	1.33	cps
Molybdenum	98-1	154523	156553	156503	155860	0.74	cps
Neodymium	150-1	17111	17385	16691	17062	2.05	cps
Neodymium	150-2	5491	5201	5224	5306	3.04	cps
Nickel	60-2	12315	12329	12472	12372	0.70	cps
Phosphorus	31-2	4309	4367	3967	4215	5.13	cps
Potassium	39-2	430449	426404	429930	428928	0.51	cps
Rhodium	103-1	6999807	7038813	7036452	7025024	0.31	cps
Rhodium	103-2	2918750	2925629	2941714	2928698	0.40	cps
Scandium	45-1	5296728	5337246	5434478	5356151	1.32	cps
Scandium	45-2	166658	167016	169341	167671	0.87	cps
Selenium	82-1	4120	4030	4069	4073	1.11	cps
Selenium	77-2	137	167	117	140	17.98	cps
Selenium	78-2	554	551	521	542	3.37	cps
Silicon	28-1	7423028	7616238	7553725	7530997	1.31	cps
Silver	107-1	211414	208537	212905	210952	1.05	cps
Silver	109-1	202575	199834	204747	202385	1.22	cps
Sodium	23-2	405229	409942	406395	407189	0.60	cps
Strontium	86-1	1393017	1399465	1388157	1393546	0.41	cps
Strontium	88-1	11863671	12084225	11684005	11877300	1.69	cps
Sulfur	34-1	1355679	1338180	1337344	1343734	0.77	cps
Terbium	159-1	9081283	9087249	8873286	9013939	1.35	cps
Terbium	159-2	3558634	3569090	3615077	3580934	0.84	cps
Thallium	203-1	2150	1917	2242	2103	7.97	cps
Thallium	205-1	4784	4568	4909	4754	3.64	cps
Tin	118-1	27161	27629	28405	27732	2.27	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:11:53	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	478377	484285	489798	484153	1.18	cps
Uranium	238-1	13749	13057	13141	13316	2.84	cps
Vanadium	51-2	79466	78628	78658	78917	0.60	cps
Ytterbium	172-1	2400	1967	2192	2186	9.91	cps
Ytterbium	172-2	856	967	1100	974	12.57	cps
Ytterbium	176-1	2459	2609	2634	2567	3.69	cps
Ytterbium	176-2	4768	5062	5323	5051	5.50	cps
Yttrium	89-1	11734666	11934334	11689898	11786299	1.10	cps
Yttrium	89-2	1316041	1296094	1323502	1311879	1.08	cps
Zinc	66-2	28212	28339	28272	28274	0.22	cps
Zirconium	90-1	28313	27920	28204	28146	0.72	cps
Zirconium	91-1	10421	10971	10312	10568	3.34	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:14:46	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	923331	922531	922702	922855	0.05	cps
Antimony	121-1	7336	7219	7686	7413	3.28	cps
Arsenic	75-2	239760	238203	238129	238697	0.39	cps
Barium	135-1	274336	277003	274888	275409	0.51	cps
Barium	137-1	477916	470637	465086	471213	1.37	cps
Beryllium	9-1	780	776	808	788	2.21	cps
Bismuth	209-1	5373067	5049213	5208736	5210339	3.11	cps
Bismuth	209-2	2469147	2371432	2394027	2411535	2.12	cps
Boron	10-1	1204	1312	1200	1238	5.13	cps
Boron	11-1	5122	5372	5590	5361	4.37	cps
Bromine	81-1	38282	38935	39115	38778	1.13	cps
Cadmium	111-1	2476	2760	3069	2768	10.72	cps
Cadmium	106-1	2809	3067	3534	3137	11.72	cps
Cadmium	108-1	213	154	263	210	25.85	cps
Calcium	43-1	187936	185810	187323	187023	0.58	cps
Calcium	44-1	3073397	3079419	3037112	3063310	0.75	cps
Carbon	12-1	5628156	5764365	5886712	5759744	2.25	cps
Carbon	12-2	66426	66769	66158	66451	0.46	cps
Chlorine	35-1	41682897	44749517	47135732	44522715	6.14	cps
Chlorine	35-2	419514	428590	426874	424993	1.13	cps
Chromium	52-2	77257	77124	74845	76409	1.77	cps
Cobalt	59-2	73499	74735	72108	73448	1.79	cps
Copper	63-2	265648	264163	259649	263153	1.19	cps
Dysprosium	156-1	12990	13174	13215	13126	0.91	cps
Dysprosium	156-2	5281	5151	5221	5218	1.25	cps
Erbium	164-1	13824	13607	13841	13758	0.95	cps
Erbium	164-2	5138	5201	5218	5186	0.81	cps
Gadolinium	160-1	12757	14308	13632	13566	5.73	cps
Gadolinium	160-2	5908	6051	5841	5934	1.81	cps
Holmium	165-1	8933028	8055154	8436571	8474918	5.19	cps
Holmium	165-2	3529352	3514648	3495586	3513195	0.48	cps
Indium	115-1	7658007	7197949	7239025	7364994	3.46	cps
Indium	115-2	1173270	1183473	1170941	1175895	0.57	cps
Iron	54-2	4875168	4933868	4813875	4874304	1.23	cps
Iron	56-2	91532849	89688913	86832038	89351267	2.65	cps
Iron	57-2	2318294	2294123	2218342	2276920	2.29	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:14:46	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4116	4070	4123	4103	0.70	cps
Lead	206-1	863424	846738	854944	855035	0.98	cps
Lead	207-1	721275	725713	714459	720483	0.79	cps
Lead	208-1	3470902	3426289	3408670	3435287	0.93	cps
Lithium	6-1	3492484	3440046	3450803	3461111	0.80	cps
Magnesium	24-2	1853053	1858626	1907965	1873215	1.61	cps
Manganese	55-2	781330	778098	772470	777299	0.58	cps
Molybdenum	94-1	17962	17061	17662	17562	2.61	cps
Molybdenum	95-1	18196	18338	18404	18312	0.58	cps
Molybdenum	96-1	26100	26058	27486	26548	3.06	cps
Molybdenum	97-1	11547	11238	11138	11308	1.88	cps
Molybdenum	98-1	28338	29307	29048	28897	1.74	cps
Neodymium	150-1	19067	19722	19448	19412	1.69	cps
Neodymium	150-2	6065	6275	6121	6154	1.77	cps
Nickel	60-2	29400	29260	29811	29491	0.97	cps
Phosphorus	31-2	3225	3109	3292	3209	2.89	cps
Potassium	39-2	194383	198294	192244	194974	1.57	cps
Rhodium	103-1	7248156	6979302	6979833	7069097	2.19	cps
Rhodium	103-2	2839568	2905728	2819772	2855022	1.58	cps
Scandium	45-1	5419476	5399672	5492596	5437248	0.90	cps
Scandium	45-2	166124	171464	167863	168484	1.62	cps
Selenium	82-1	336	586	214	379	50.13	cps
Selenium	77-2	40	33	47	40	16.68	cps
Selenium	78-2	138	165	156	153	8.99	cps
Silicon	28-1	10608774	10649068	10623633	10627158	0.19	cps
Silver	107-1	10446	9745	9704	9965	4.18	cps
Silver	109-1	9479	9237	9987	9567	4.00	cps
Sodium	23-2	114835	113710	114096	114214	0.50	cps
Strontium	86-1	230091	233296	231167	231518	0.70	cps
Strontium	88-1	1960851	1975327	1940177	1958785	0.90	cps
Sulfur	34-1	371256	365178	366357	367597	0.88	cps
Terbium	159-1	8981428	8793666	9029461	8934852	1.39	cps
Terbium	159-2	3569620	3503815	3583452	3552296	1.20	cps
Thallium	203-1	592	633	525	583	9.37	cps
Thallium	205-1	1500	1508	1383	1464	4.77	cps
Tin	118-1	15659	15117	15693	15490	2.09	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:14:46	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450209	449172	450485	449955	0.15	cps
Uranium	238-1	10330	10054	9987	10124	1.79	cps
Vanadium	51-2	134382	133675	131655	133237	1.06	cps
Ytterbium	172-1	4701	4659	4276	4545	5.16	cps
Ytterbium	172-2	1889	2156	2061	2035	6.64	cps
Ytterbium	176-1	3801	4242	4284	4109	6.52	cps
Ytterbium	176-2	5579	5740	5696	5672	1.47	cps
Yttrium	89-1	12346051	11589653	11661921	11865875	3.52	cps
Yttrium	89-2	1308617	1329418	1327108	1321714	0.86	cps
Zinc	66-2	148028	150895	148859	149261	0.99	cps
Zirconium	90-1	18379	18663	17887	18310	2.14	cps
Zirconium	91-1	4509	4167	4367	4348	3.95	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-21	Instrumnet Name :	P8
Client Sample ID :	YB6X0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:17:45	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1136520	1086381	1070084	1097662	3.15	cps
Antimony	121-1	2100	2134	1775	2003	9.89	cps
Arsenic	75-2	108573	107902	106918	107798	0.77	cps
Barium	135-1	406224	408941	413404	409523	0.89	cps
Barium	137-1	708446	718839	706742	711342	0.92	cps
Beryllium	9-1	1430	1478	1414	1440	2.31	cps
Bismuth	209-1	5237213	5242705	5255468	5245128	0.18	cps
Bismuth	209-2	2282609	2347662	2444508	2358260	3.45	cps
Boron	10-1	976	1052	1010	1013	3.76	cps
Boron	11-1	4418	4408	4302	4376	1.47	cps
Bromine	81-1	38052	35512	37460	37008	3.59	cps
Cadmium	111-1	2929	2900	2802	2877	2.31	cps
Cadmium	106-1	3217	3159	3025	3134	3.14	cps
Cadmium	108-1	75	129	142	115	30.74	cps
Calcium	43-1	231985	232196	229082	231088	0.75	cps
Calcium	44-1	3695873	3703333	3689160	3696122	0.19	cps
Carbon	12-1	4702565	4813972	4787316	4767951	1.22	cps
Carbon	12-2	55255	56317	55112	55561	1.18	cps
Chlorine	35-1	39939634	43805120	45385286	43043347	6.51	cps
Chlorine	35-2	406729	408658	415276	410221	1.09	cps
Chromium	52-2	156779	155119	154418	155439	0.78	cps
Cobalt	59-2	66672	64921	63508	65034	2.44	cps
Copper	63-2	356105	350609	355938	354217	0.88	cps
Dysprosium	156-1	20316	19773	21385	20491	4.00	cps
Dysprosium	156-2	8093	7896	7936	7975	1.30	cps
Erbium	164-1	19665	20525	19732	19974	2.39	cps
Erbium	164-2	8059	7422	7412	7631	4.86	cps
Gadolinium	160-1	20391	20132	20024	20183	0.93	cps
Gadolinium	160-2	8856	8826	8419	8701	2.81	cps
Holmium	165-1	8564651	8715757	8241657	8507355	2.85	cps
Holmium	165-2	3529352	3389762	3489582	3469565	2.07	cps
Indium	115-1	7293569	7264883	7602292	7386915	2.53	cps
Indium	115-2	1145576	1147429	1151264	1148090	0.25	cps
Iron	54-2	6349406	6235783	6132278	6239156	1.74	cps
Iron	56-2	116599369	114964644	114277322	115280445	1.03	cps
Iron	57-2	2992212	2884994	2874022	2917076	2.24	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-21	Instrumnet Name :	P8
Client Sample ID :	YB6X0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:17:45	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4015	3913	3909	3945	1.53	cps
Lead	206-1	316695	321354	322078	320042	0.91	cps
Lead	207-1	265962	265328	265106	265465	0.17	cps
Lead	208-1	1242211	1247044	1241324	1243526	0.25	cps
Lithium	6-1	3381431	3502803	3445534	3443256	1.76	cps
Magnesium	24-2	1281547	1264635	1259975	1268719	0.89	cps
Manganese	55-2	650918	635762	628278	638319	1.81	cps
Molybdenum	94-1	11438	11939	12131	11836	3.02	cps
Molybdenum	95-1	9587	9996	10046	9876	2.55	cps
Molybdenum	96-1	18905	18229	20574	19236	6.28	cps
Molybdenum	97-1	6668	6518	6085	6424	4.72	cps
Molybdenum	98-1	14441	15434	14591	14822	3.61	cps
Neodymium	150-1	33342	32065	33609	33005	2.50	cps
Neodymium	150-2	10434	10361	10017	10271	2.17	cps
Nickel	60-2	24518	24444	23913	24292	1.36	cps
Phosphorus	31-2	3217	3300	3592	3370	5.84	cps
Potassium	39-2	416893	409757	408894	411848	1.07	cps
Rhodium	103-1	6896564	6838970	6680650	6805395	1.64	cps
Rhodium	103-2	2824060	2840740	2817059	2827286	0.43	cps
Scandium	45-1	5402493	5416991	5454548	5424678	0.50	cps
Scandium	45-2	169687	167212	167199	168033	0.85	cps
Selenium	82-1	-91	209	271	130	149.54	cps
Selenium	77-2	57	60	40	52	20.52	cps
Selenium	78-2	115	131	149	132	12.92	cps
Silicon	28-1	12812995	12917858	12785534	12838796	0.54	cps
Silver	107-1	3401	3292	3100	3264	4.66	cps
Silver	109-1	3159	2934	3092	3062	3.78	cps
Sodium	23-2	65096	63581	63254	63977	1.54	cps
Strontium	86-1	208865	212654	213576	211698	1.18	cps
Strontium	88-1	1791287	1759247	1813765	1788100	1.53	cps
Sulfur	34-1	496969	502197	495241	498136	0.73	cps
Terbium	159-1	8844111	8590528	8800085	8744908	1.55	cps
Terbium	159-2	3460749	3365363	3549729	3458614	2.67	cps
Thallium	203-1	1117	1083	1142	1114	2.63	cps
Thallium	205-1	2467	2717	2484	2556	5.47	cps
Tin	118-1	7536	8169	7919	7875	4.05	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-21	Instrumnet Name :	P8
Client Sample ID :	YB6X0	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:17:45	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	565337	563929	569137	566134	0.48	cps
Uranium	238-1	27539	27038	28892	27823	3.45	cps
Vanadium	51-2	251896	252923	249637	251486	0.67	cps
Ytterbium	172-1	7319	7077	7294	7230	1.84	cps
Ytterbium	172-2	3078	3234	3050	3121	3.17	cps
Ytterbium	176-1	5618	5218	5418	5418	3.69	cps
Ytterbium	176-2	5840	6396	6379	6205	5.10	cps
Yttrium	89-1	11856210	11408111	11575739	11613353	1.95	cps
Yttrium	89-2	1288320	1272970	1312334	1291208	1.54	cps
Zinc	66-2	43781	42484	42280	42848	1.90	cps
Zirconium	90-1	15851	15801	15743	15798	0.34	cps
Zirconium	91-1	3834	3892	4117	3948	3.79	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-22	Instrumnet Name :	P8
Client Sample ID :	YB6X1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:20:42	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	538530	535296	540536	538121	0.49	cps
Antimony	121-1	1275	1408	1300	1328	5.34	cps
Arsenic	75-2	8757	8375	8525	8552	2.25	cps
Barium	135-1	262506	262102	256917	260508	1.20	cps
Barium	137-1	455766	453987	450940	453564	0.54	cps
Beryllium	9-1	1032	1036	1088	1052	2.97	cps
Bismuth	209-1	5269950	5148207	5219681	5212613	1.17	cps
Bismuth	209-2	2404316	2390215	2371995	2388842	0.68	cps
Boron	10-1	760	726	908	798	12.13	cps
Boron	11-1	3652	3634	3618	3634	0.47	cps
Bromine	81-1	36506	35000	36104	35870	2.17	cps
Cadmium	111-1	2220	2182	2361	2255	4.18	cps
Cadmium	106-1	2825	2784	3092	2900	5.77	cps
Cadmium	108-1	58	71	100	76	27.99	cps
Calcium	43-1	108963	107660	108645	108422	0.63	cps
Calcium	44-1	1780441	1760559	1751866	1764289	0.83	cps
Carbon	12-1	4170648	4221007	4244499	4212051	0.90	cps
Carbon	12-2	49049	49417	50153	49540	1.13	cps
Chlorine	35-1	41402769	44880558	46726308	44336545	6.10	cps
Chlorine	35-2	425417	423444	435364	428075	1.49	cps
Chromium	52-2	50406	49224	49261	49630	1.35	cps
Cobalt	59-2	43801	43122	43694	43539	0.84	cps
Copper	63-2	97889	96516	95717	96707	1.14	cps
Dysprosium	156-1	20316	19832	19974	20041	1.24	cps
Dysprosium	156-2	7709	7852	7862	7808	1.10	cps
Erbium	164-1	15459	15793	15718	15657	1.12	cps
Erbium	164-2	6065	5851	6141	6019	2.50	cps
Gadolinium	160-1	18271	18480	18330	18360	0.59	cps
Gadolinium	160-2	8106	8086	7782	7991	2.27	cps
Holmium	165-1	8336726	8414577	8292556	8347953	0.74	cps
Holmium	165-2	3425190	3428571	3464516	3439426	0.63	cps
Indium	115-1	7326592	7311363	7364836	7334263	0.38	cps
Indium	115-2	1145658	1139034	1122055	1135583	1.07	cps
Iron	54-2	2471128	2424386	2378940	2424818	1.90	cps
Iron	56-2	43603577	43380880	43027327	43337262	0.67	cps
Iron	57-2	1057931	1054738	1053888	1055519	0.20	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-22	Instrumnet Name :	P8
Client Sample ID :	YB6X1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:20:42	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4004	4069	4049	4041	0.82	cps
Lead	206-1	60971	60335	60642	60649	0.52	cps
Lead	207-1	51213	50543	51089	50948	0.70	cps
Lead	208-1	238541	232051	235266	235286	1.38	cps
Lithium	6-1	3367617	3448069	3512516	3442734	2.11	cps
Magnesium	24-2	883727	874135	896021	884628	1.24	cps
Manganese	55-2	468966	466108	466469	467181	0.33	cps
Molybdenum	94-1	13282	12639	12831	12917	2.55	cps
Molybdenum	95-1	1942	1967	2100	2003	4.25	cps
Molybdenum	96-1	6585	7377	6860	6941	5.79	cps
Molybdenum	97-1	1325	1267	1042	1211	12.35	cps
Molybdenum	98-1	3059	3267	2759	3028	8.44	cps
Neodymium	150-1	39077	39926	39967	39657	1.27	cps
Neodymium	150-2	12509	12336	12096	12314	1.69	cps
Nickel	60-2	15469	15625	15015	15370	2.06	cps
Phosphorus	31-2	2434	2734	2942	2703	9.46	cps
Potassium	39-2	196146	193274	196850	195423	0.97	cps
Rhodium	103-1	6943650	6960526	6794486	6899554	1.32	cps
Rhodium	103-2	2798086	2846796	2823255	2822712	0.86	cps
Scandium	45-1	5181363	5146486	5181475	5169775	0.39	cps
Scandium	45-2	164409	159334	164668	162804	1.85	cps
Selenium	82-1	-65	-50	-64	-60	-13.98	cps
Selenium	77-2	60	47	40	49	20.83	cps
Selenium	78-2	104	106	121	110	8.42	cps
Silicon	28-1	10903052	10774632	10836345	10838010	0.59	cps
Silver	107-1	808	742	917	822	10.74	cps
Silver	109-1	742	742	725	736	1.31	cps
Sodium	23-2	51165	50212	50572	50650	0.95	cps
Strontium	86-1	89889	89252	90685	89942	0.80	cps
Strontium	88-1	719294	706968	721965	716076	1.12	cps
Sulfur	34-1	160179	160962	161359	160833	0.37	cps
Terbium	159-1	8806667	8576729	8879596	8754331	1.81	cps
Terbium	159-2	3544145	3515093	3402098	3487112	2.15	cps
Thallium	203-1	975	1092	775	947	16.91	cps
Thallium	205-1	2259	2167	2425	2284	5.74	cps
Tin	118-1	4943	4559	4593	4698	4.52	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-22	Instrumnet Name :	P8
Client Sample ID :	YB6X1	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:20:42	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	648240	646698	636853	643930	0.96	cps
Uranium	238-1	29067	31815	30370	30418	4.52	cps
Vanadium	51-2	107366	106321	107887	107191	0.74	cps
Ytterbium	172-1	5226	5176	5068	5157	1.57	cps
Ytterbium	172-2	2072	2150	2167	2130	2.37	cps
Ytterbium	176-1	4192	3726	4076	3998	6.08	cps
Ytterbium	176-2	5929	5718	5868	5838	1.86	cps
Yttrium	89-1	11732199	11618451	11682825	11677825	0.49	cps
Yttrium	89-2	1288971	1275734	1281410	1282038	0.52	cps
Zinc	66-2	26745	26652	26802	26733	0.28	cps
Zirconium	90-1	32756	32405	31378	32179	2.23	cps
Zirconium	91-1	7419	6585	7652	7219	7.77	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:23:43	DataFile Name :	083CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2439764	2513774	2448372	2467303	1.64	cps
Antimony	121-1	2639174	2740610	2813414	2731066	3.20	cps
Arsenic	75-2	77897	77329	77668	77631	0.37	cps
Barium	135-1	3631953	3759036	3757394	3716128	1.96	cps
Barium	137-1	6259833	6285601	6352409	6299281	0.76	cps
Beryllium	9-1	937500	945970	954455	945975	0.90	cps
Bismuth	209-1	4919085	5027792	5015714	4987531	1.19	cps
Bismuth	209-2	2296239	2285537	2370140	2317305	1.99	cps
Boron	10-1	117235	125044	131041	124440	5.56	cps
Boron	11-1	518057	541022	560352	539810	3.92	cps
Bromine	81-1	32462	33515	33575	33184	1.89	cps
Cadmium	111-1	756228	768761	774378	766456	1.21	cps
Cadmium	106-1	84334	85985	85028	85116	0.97	cps
Cadmium	108-1	56411	57783	58415	57536	1.78	cps
Calcium	43-1	5250602	5319430	5366679	5312237	1.10	cps
Calcium	44-1	84552841	83342652	84902155	84265883	0.97	cps
Carbon	12-1	4152883	4266803	4360722	4260136	2.44	cps
Carbon	12-2	53849	54443	52879	53724	1.47	cps
Chlorine	35-1	9269141	8805331	8227052	8767175	5.96	cps
Chlorine	35-2	65457	62612	60260	62776	4.15	cps
Chromium	52-2	755390	760823	747129	754447	0.91	cps
Cobalt	59-2	1279915	1269460	1276087	1275154	0.41	cps
Copper	63-2	9944005	9940356	10033020	9972460	0.53	cps
Dysprosium	156-1	392	333	442	389	13.94	cps
Dysprosium	156-2	120	97	113	110	10.92	cps
Erbium	164-1	100	92	117	103	12.39	cps
Erbium	164-2	43	43	40	42	4.55	cps
Gadolinium	160-1	250	292	350	297	16.90	cps
Gadolinium	160-2	140	177	157	158	11.64	cps
Holmium	165-1	8459109	8375344	8827250	8553901	2.81	cps
Holmium	165-2	3776170	3649639	3684809	3703539	1.76	cps
Indium	115-1	6854960	7159199	7098166	7037442	2.29	cps
Indium	115-2	1118189	1117855	1106434	1114160	0.60	cps
Iron	54-2	8815219	8582676	8601341	8666412	1.49	cps
Iron	56-2	158911765	155870815	156471181	157084587	1.03	cps
Iron	57-2	3941377	3908103	3921334	3923604	0.43	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:23:43	DataFile Name :	083CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3848	3793	4025	3888	3.13	cps
Lead	206-1	10600194	11221257	11123410	10981620	3.04	cps
Lead	207-1	9364948	9595912	9585774	9515545	1.37	cps
Lead	208-1	42702415	44155614	44168436	43675488	1.93	cps
Lithium	6-1	3473036	3564851	3532830	3523572	1.32	cps
Magnesium	24-2	31034715	31382763	30750428	31055969	1.02	cps
Manganese	55-2	4483751	4430588	4453433	4455924	0.60	cps
Molybdenum	94-1	10835979	10532076	10606821	10658292	1.49	cps
Molybdenum	95-1	15362250	15091705	15348315	15267424	1.00	cps
Molybdenum	96-1	16803190	16337902	16990335	16710476	2.01	cps
Molybdenum	97-1	9442510	9364802	9430713	9412675	0.44	cps
Molybdenum	98-1	24641942	24337415	24572109	24517155	0.65	cps
Neodymium	150-1	213	233	173	207	14.78	cps
Neodymium	150-2	23	23	50	32	47.79	cps
Nickel	60-2	361714	354836	357475	358008	0.97	cps
Phosphorus	31-2	28454	28905	27276	28211	2.98	cps
Potassium	39-2	13175809	13060667	13306390	13180955	0.93	cps
Rhodium	103-1	6296538	6338728	6269923	6301730	0.55	cps
Rhodium	103-2	2706529	2718186	2648384	2691033	1.39	cps
Scandium	45-1	5032202	5010658	5040370	5027743	0.31	cps
Scandium	45-2	162775	161559	162791	162375	0.44	cps
Selenium	82-1	62314	62944	63137	62798	0.69	cps
Selenium	77-2	2190	1893	1943	2009	7.91	cps
Selenium	78-2	6807	6698	6667	6724	1.09	cps
Silicon	28-1	2568790	2644934	2685687	2633137	2.25	cps
Silver	107-1	4004904	3962637	3995489	3987677	0.56	cps
Silver	109-1	3763720	3775771	3890883	3810125	1.84	cps
Sodium	23-2	59895766	59396466	58749314	59347182	0.97	cps
Strontium	86-1	25166916	25915435	25491682	25524678	1.47	cps
Strontium	88-1	222185497	222497622	224751605	223144908	0.63	cps
Sulfur	34-1	568114	564792	570958	567954	0.54	cps
Terbium	159-1	9022734	8966777	9118346	9035952	0.85	cps
Terbium	159-2	3600989	3653691	3601390	3618690	0.84	cps
Thallium	203-1	2641859	2759263	2730427	2710517	2.26	cps
Thallium	205-1	6020315	6281779	6337820	6213305	2.73	cps
Tin	118-1	2498879	2520378	2545039	2521432	0.92	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P8
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:23:43	DataFile Name :	083CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4560419	4576312	4662639	4599790	1.20	cps
Uranium	238-1	8577497	8665532	8741801	8661610	0.95	cps
Vanadium	51-2	623291	629630	616729	623217	1.04	cps
Ytterbium	172-1	92	142	142	125	23.09	cps
Ytterbium	172-2	67	67	67	67	0.00	cps
Ytterbium	176-1	12281	12465	12231	12325	1.00	cps
Ytterbium	176-2	9248	9209	9459	9305	1.45	cps
Yttrium	89-1	10984764	11403457	11252654	11213625	1.89	cps
Yttrium	89-2	1263465	1281507	1239540	1261504	1.67	cps
Zinc	66-2	1239663	1218121	1233519	1230434	0.90	cps
Zirconium	90-1	5247119	5525447	5467894	5413487	2.71	cps
Zirconium	91-1	1209560	1219542	1232334	1220478	0.94	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:31:29	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76	57	67	67	13.99	cps
Antimony	121-1	342	433	358	378	12.93	cps
Arsenic	75-2	25	21	19	22	14.10	cps
Barium	135-1	25	42	67	44	47.19	cps
Barium	137-1	75	58	67	67	12.50	cps
Beryllium	9-1	52	54	54	53	2.17	cps
Bismuth	209-1	5337262	5308805	5266158	5304075	0.67	cps
Bismuth	209-2	2506264	2207821	2463584	2392556	6.75	cps
Boron	10-1	2296	2344	2384	2341	1.88	cps
Boron	11-1	9987	9623	9351	9654	3.31	cps
Bromine	81-1	33635	33685	34177	33832	0.89	cps
Cadmium	111-1	1876	1625	1851	1784	7.74	cps
Cadmium	106-1	2634	2317	2567	2506	6.66	cps
Cadmium	108-1	25	25	13	21	34.64	cps
Calcium	43-1	261	251	219	244	9.11	cps
Calcium	44-1	6752	6889	6625	6755	1.95	cps
Carbon	12-1	3339439	3296799	3276520	3304252	0.97	cps
Carbon	12-2	37749	38535	39286	38523	2.00	cps
Chlorine	35-1	2295925	2249633	2185087	2243548	2.48	cps
Chlorine	35-2	18779	18671	17236	18229	4.73	cps
Chromium	52-2	493	550	480	508	7.32	cps
Cobalt	59-2	57	53	27	46	36.09	cps
Copper	63-2	747	673	717	712	5.18	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	133	67	67	89	43.30	cps
Erbium	164-2	23	43	17	28	49.95	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	80	63	50	64	23.32	cps
Holmium	165-1	8317934	8455907	8337378	8370406	0.89	cps
Holmium	165-2	3475692	3246293	3384276	3368753	3.43	cps
Indium	115-1	7160390	7094829	7013229	7089483	1.04	cps
Indium	115-2	1148039	1025084	1133905	1102343	6.10	cps
Iron	54-2	539	556	606	567	6.12	cps
Iron	56-2	4473	4823	4823	4706	4.30	cps
Iron	57-2	178	244	194	206	16.88	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:31:29	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3829	3824	3878	3843	0.77	cps
Lead	206-1	978	995	956	976	2.00	cps
Lead	207-1	878	750	628	752	16.63	cps
Lead	208-1	3950	3711	3484	3715	6.28	cps
Lithium	6-1	3446598	3434266	3338862	3406575	1.73	cps
Magnesium	24-2	350	350	350	350	0.00	cps
Manganese	55-2	140	140	183	154	16.20	cps
Molybdenum	94-1	258	233	217	236	8.88	cps
Molybdenum	95-1	225	200	142	189	22.64	cps
Molybdenum	96-1	517	408	400	442	14.74	cps
Molybdenum	97-1	183	67	108	119	49.50	cps
Molybdenum	98-1	458	300	317	358	24.28	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	27	30	30	29	6.65	cps
Phosphorus	31-2	75	50	125	83	45.83	cps
Potassium	39-2	15100	15333	15450	15295	1.17	cps
Rhodium	103-1	6653316	6595020	6651399	6633245	0.50	cps
Rhodium	103-2	2830151	2545713	2800309	2725391	5.74	cps
Scandium	45-1	5049689	4905426	4800054	4918390	2.55	cps
Scandium	45-2	156935	140222	153946	150368	5.93	cps
Selenium	82-1	85	84	11	60	70.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	84	78	96	86	10.66	cps
Silicon	28-1	333300	328541	330640	330827	0.72	cps
Silver	107-1	233	242	317	264	17.39	cps
Silver	109-1	183	283	292	253	23.85	cps
Sodium	23-2	15575	14883	16218	15559	4.29	cps
Strontium	86-1	6185	6518	6685	6463	3.94	cps
Strontium	88-1	1567	1233	1450	1417	11.94	cps
Sulfur	34-1	184810	180574	181998	182461	1.18	cps
Terbium	159-1	8689586	8750583	8494771	8644980	1.55	cps
Terbium	159-2	3608763	3183371	3479070	3423735	6.37	cps
Thallium	203-1	558	667	567	597	10.09	cps
Thallium	205-1	1250	1425	1175	1283	10.00	cps
Tin	118-1	1167	1083	1158	1136	4.04	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P8
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 19:31:29	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	133	167	150	11.11	cps
Uranium	238-1	42	42	33	39	12.38	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Ytterbium	172-1	83	17	33	44	78.07	cps
Ytterbium	172-2	17	39	44	33	44.09	cps
Ytterbium	176-1	867	800	825	831	4.06	cps
Ytterbium	176-2	4156	4090	4362	4203	3.38	cps
Yttrium	89-1	11071934	11063365	10815525	10983608	1.33	cps
Yttrium	89-2	1243341	1131022	1228098	1200820	5.07	cps
Zinc	66-2	110	120	167	132	22.88	cps
Zirconium	90-1	433	442	633	503	22.50	cps
Zirconium	91-1	150	142	117	136	12.74	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 19:53:11	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415798	417357	408623	413926	1.13	cps
Antimony	121-1	3709	4009	3967	3895	4.17	cps
Arsenic	75-2	89087	90494	88426	89336	1.18	cps
Barium	135-1	176492	171216	174542	174084	1.53	cps
Barium	137-1	306840	305176	303210	305075	0.60	cps
Beryllium	9-1	646	650	684	660	3.16	cps
Bismuth	209-1	5170996	5023336	5144845	5113059	1.54	cps
Bismuth	209-2	2427521	2073677	2425370	2308856	8.82	cps
Boron	10-1	1242	1264	1128	1211	6.03	cps
Boron	11-1	5136	5054	5162	5117	1.10	cps
Bromine	81-1	36687	36254	37579	36840	1.83	cps
Cadmium	111-1	2247	2348	2593	2396	7.43	cps
Cadmium	106-1	2784	2809	3100	2898	6.08	cps
Cadmium	108-1	92	79	63	78	18.82	cps
Calcium	43-1	102847	103879	104497	103741	0.80	cps
Calcium	44-1	1690508	1761842	1678991	1710447	2.62	cps
Carbon	12-1	4681139	4651644	4753217	4695333	1.11	cps
Carbon	12-2	54920	53799	52946	53888	1.84	cps
Chlorine	35-1	11570171	13638983	15501959	13570371	14.49	cps
Chlorine	35-2	150611	158646	160458	156572	3.35	cps
Chromium	52-2	50044	50308	50262	50205	0.28	cps
Cobalt	59-2	37513	36473	36540	36842	1.58	cps
Copper	63-2	130300	131945	128794	130346	1.21	cps
Dysprosium	156-1	9128	9237	9737	9367	3.47	cps
Dysprosium	156-2	4087	4007	3934	4010	1.91	cps
Erbium	164-1	9178	9112	8661	8984	3.13	cps
Erbium	164-2	3644	3614	3641	3633	0.45	cps
Gadolinium	160-1	9487	8978	9337	9267	2.82	cps
Gadolinium	160-2	4224	4421	4044	4230	4.46	cps
Holmium	165-1	8358903	8459923	8328045	8382290	0.82	cps
Holmium	165-2	3566923	3035052	3526710	3376228	8.77	cps
Indium	115-1	7131706	7406864	7223613	7254061	1.93	cps
Indium	115-2	1197236	1035481	1190888	1141201	8.03	cps
Iron	54-2	2402503	2466470	2372585	2413853	1.99	cps
Iron	56-2	41918541	42662497	42064973	42215337	0.93	cps
Iron	57-2	1036640	1024383	1029897	1030307	0.60	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 19:53:11	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3379	3536	3630	3515	3.61	cps
Lead	206-1	276442	274707	274651	275266	0.37	cps
Lead	207-1	227228	225565	232957	228583	1.70	cps
Lead	208-1	1067804	1048082	1076320	1064069	1.36	cps
Lithium	6-1	3439472	3378749	3575149	3464456	2.90	cps
Magnesium	24-2	661682	661322	644526	655843	1.49	cps
Manganese	55-2	358823	369757	357178	361919	1.89	cps
Molybdenum	94-1	5985	6102	6310	6132	2.69	cps
Molybdenum	95-1	4909	4943	5176	5009	2.90	cps
Molybdenum	96-1	9287	8428	8695	8803	4.99	cps
Molybdenum	97-1	2950	3017	3142	3037	3.21	cps
Molybdenum	98-1	8094	7811	8486	8130	4.17	cps
Neodymium	150-1	14868	15329	14602	14933	2.46	cps
Neodymium	150-2	4844	4881	4918	4881	0.75	cps
Nickel	60-2	22278	22384	22458	22373	0.41	cps
Phosphorus	31-2	2100	2192	2325	2206	5.13	cps
Potassium	39-2	126897	130312	124326	127178	2.36	cps
Rhodium	103-1	6868153	6834982	7013379	6905505	1.37	cps
Rhodium	103-2	2848792	2470171	2962927	2760630	9.34	cps
Scandium	45-1	5164970	5339632	5214358	5239653	1.72	cps
Scandium	45-2	170494	141519	164113	158709	9.59	cps
Selenium	82-1	34	121	168	108	63.19	cps
Selenium	77-2	13	30	20	21	39.75	cps
Selenium	78-2	128	119	117	121	4.83	cps
Silicon	28-1	6233685	6250971	6365370	6283342	1.14	cps
Silver	107-1	7652	8303	8394	8116	4.98	cps
Silver	109-1	7986	7377	7519	7627	4.18	cps
Sodium	23-2	54377	54745	54971	54698	0.55	cps
Strontium	86-1	136985	133813	135059	135286	1.18	cps
Strontium	88-1	1106557	1111001	1117581	1111713	0.50	cps
Sulfur	34-1	273460	271975	270263	271899	0.59	cps
Terbium	159-1	8929551	8825579	8851219	8868783	0.61	cps
Terbium	159-2	3609949	3008604	3546900	3388484	9.75	cps
Thallium	203-1	1175	1067	1183	1142	5.70	cps
Thallium	205-1	2859	2775	2817	2817	1.48	cps
Tin	118-1	16552	17436	16978	16989	2.60	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-13DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W4	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 19:53:11	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	290175	305583	301662	299140	2.68	cps
Uranium	238-1	10280	10663	10880	10608	2.87	cps
Vanadium	51-2	75602	77613	75528	76248	1.55	cps
Ytterbium	172-1	3317	3267	3009	3198	5.18	cps
Ytterbium	172-2	1472	1683	1339	1498	11.59	cps
Ytterbium	176-1	2750	2909	3142	2934	6.72	cps
Ytterbium	176-2	5468	4823	5601	5297	7.85	cps
Yttrium	89-1	11576578	11603469	11875124	11685057	1.41	cps
Yttrium	89-2	1333872	1132115	1318715	1261567	8.91	cps
Zinc	66-2	54163	54504	52952	53873	1.51	cps
Zirconium	90-1	9220	8903	9412	9178	2.80	cps
Zirconium	91-1	1959	2225	2217	2134	7.11	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : N2819-14DLX50 Instrumnet Name : P8
 Client Sample ID : YB6W5 Dilution Factor : 50
 Date & Time Acquired :: 2022-05-18 19:56:13 DataFile Name : 091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8080	7957	8046	8028	0.79	cps
Antimony	121-1	1542	1550	1442	1511	3.99	cps
Arsenic	75-2	50475	50731	50502	50569	0.28	cps
Barium	135-1	6377	6452	6744	6524	2.97	cps
Barium	137-1	10546	10780	11213	10846	3.12	cps
Beryllium	9-1	36	40	48	41	14.79	cps
Bismuth	209-1	5168338	5224177	5072491	5155002	1.49	cps
Bismuth	209-2	2539418	2452570	2413650	2468546	2.61	cps
Boron	10-1	688	772	704	721	6.18	cps
Boron	11-1	3292	3464	3272	3342	3.16	cps
Bromine	81-1	35542	36276	36023	35947	1.04	cps
Cadmium	111-1	1890	1840	2034	1921	5.26	cps
Cadmium	106-1	2684	2584	2892	2720	5.79	cps
Cadmium	108-1	25	21	33	26	24.12	cps
Calcium	43-1	17452	17575	17173	17400	1.18	cps
Calcium	44-1	284154	285395	281103	283551	0.78	cps
Carbon	12-1	3449983	3447421	3391197	3429534	0.97	cps
Carbon	12-2	37875	38442	38501	38273	0.90	cps
Chlorine	35-1	4144176	3998462	3832058	3991565	3.91	cps
Chlorine	35-2	33080	29698	29339	30705	6.72	cps
Chromium	52-2	1687	1893	1810	1797	5.79	cps
Cobalt	59-2	723	747	710	727	2.55	cps
Copper	63-2	5031	4828	4814	4891	2.48	cps
Dysprosium	156-1	200	225	158	194	17.32	cps
Dysprosium	156-2	107	77	67	83	24.98	cps
Erbium	164-1	258	217	250	242	9.12	cps
Erbium	164-2	90	90	87	89	2.16	cps
Gadolinium	160-1	217	308	183	236	27.42	cps
Gadolinium	160-2	117	173	173	154	21.18	cps
Holmium	165-1	8344161	8108784	8224275	8225740	1.43	cps
Holmium	165-2	3658672	3498209	3452399	3536426	3.06	cps
Indium	115-1	7343771	7130038	7374423	7282744	1.83	cps
Indium	115-2	1271717	1164400	1171182	1202433	5.00	cps
Iron	54-2	170401	171517	172148	171355	0.52	cps
Iron	56-2	3192385	3221369	3324510	3246088	2.14	cps
Iron	57-2	75913	78314	78896	77708	2.03	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:56:13	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4093	4083	4131	4102	0.63	cps
Lead	206-1	199536	198075	203166	200259	1.31	cps
Lead	207-1	167859	166103	163667	165876	1.27	cps
Lead	208-1	773554	778605	774320	775493	0.35	cps
Lithium	6-1	3383611	3330505	3377101	3363739	0.86	cps
Magnesium	24-2	10012	9370	10029	9804	3.83	cps
Manganese	55-2	5504	5411	5144	5353	3.49	cps
Molybdenum	94-1	942	950	967	953	1.34	cps
Molybdenum	95-1	908	850	783	847	7.38	cps
Molybdenum	96-1	1325	1417	1650	1464	11.45	cps
Molybdenum	97-1	608	583	550	581	5.04	cps
Molybdenum	98-1	1308	1692	1300	1433	15.61	cps
Neodymium	150-1	453	447	320	407	18.47	cps
Neodymium	150-2	120	143	133	132	8.86	cps
Nickel	60-2	423	477	437	446	6.23	cps
Phosphorus	31-2	167	200	167	178	10.83	cps
Potassium	39-2	22535	23470	23419	23141	2.27	cps
Rhodium	103-1	6756113	6844447	6794110	6798223	0.65	cps
Rhodium	103-2	3046713	2844381	2859731	2916942	3.86	cps
Scandium	45-1	5140395	5081057	4966590	5062680	1.75	cps
Scandium	45-2	171389	159179	158735	163101	4.40	cps
Selenium	82-1	-68	109	24	22	406.78	cps
Selenium	77-2	0	7	13	7	99.98	cps
Selenium	78-2	117	116	105	113	5.91	cps
Silicon	28-1	529015	528345	526000	527787	0.30	cps
Silver	107-1	1317	1300	1183	1267	5.74	cps
Silver	109-1	1142	1192	1275	1203	5.60	cps
Sodium	23-2	20089	20507	21016	20537	2.26	cps
Strontium	86-1	71174	72655	71961	71930	1.03	cps
Strontium	88-1	554950	569142	569164	564419	1.45	cps
Sulfur	34-1	232119	237110	234922	234717	1.07	cps
Terbium	159-1	8804056	8816440	8606213	8742236	1.35	cps
Terbium	159-2	3788256	3433376	3610734	3610788	4.91	cps
Thallium	203-1	517	592	408	506	18.23	cps
Thallium	205-1	1367	1233	1117	1239	10.10	cps
Tin	118-1	9996	10504	10863	10454	4.17	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:56:13	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12873	13240	13023	13045	1.41	cps
Uranium	238-1	183	200	233	206	12.38	cps
Vanadium	51-2	1877	1693	1827	1799	5.27	cps
Ytterbium	172-1	92	100	158	117	31.14	cps
Ytterbium	172-2	39	39	33	37	8.67	cps
Ytterbium	176-1	1042	858	1100	1000	12.61	cps
Ytterbium	176-2	4362	4262	4334	4319	1.20	cps
Yttrium	89-1	11406894	11251618	11541627	11400046	1.27	cps
Yttrium	89-2	1360889	1281578	1274554	1305674	3.67	cps
Zinc	66-2	1043	997	1023	1021	2.29	cps
Zirconium	90-1	958	1292	1233	1161	15.33	cps
Zirconium	91-1	392	383	333	369	8.54	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : N2819-15DLX50 Instrumnet Name : P8
 Client Sample ID : YB6W5D Dilution Factor : 50
 Date & Time Acquired :: 2022-05-18 19:59:15 DataFile Name : 092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7841	7710	7829	7793	0.93	cps
Antimony	121-1	1450	1367	1275	1364	6.42	cps
Arsenic	75-2	51123	49947	49779	50283	1.46	cps
Barium	135-1	6068	6118	6060	6082	0.52	cps
Barium	137-1	10813	10588	10913	10771	1.55	cps
Beryllium	9-1	48	34	28	37	28.00	cps
Bismuth	209-1	5148011	4984657	5206684	5113118	2.25	cps
Bismuth	209-2	2364366	2486789	2400630	2417262	2.60	cps
Boron	10-1	634	738	682	685	7.60	cps
Boron	11-1	2954	3054	2990	2999	1.69	cps
Bromine	81-1	39186	37509	35863	37519	4.43	cps
Cadmium	111-1	2247	2039	1901	2063	8.44	cps
Cadmium	106-1	3184	2867	2667	2906	8.97	cps
Cadmium	108-1	21	25	4	17	66.13	cps
Calcium	43-1	17162	17040	17338	17180	0.87	cps
Calcium	44-1	275459	280122	280417	278666	1.00	cps
Carbon	12-1	3388358	3425564	3359059	3390994	0.98	cps
Carbon	12-2	38267	38835	38301	38468	0.83	cps
Chlorine	35-1	2609096	2573873	2585943	2589637	0.69	cps
Chlorine	35-2	22318	20899	21759	21658	3.30	cps
Chromium	52-2	1807	1753	1783	1781	1.50	cps
Cobalt	59-2	687	623	603	638	6.82	cps
Copper	63-2	4818	4607	4627	4684	2.48	cps
Dysprosium	156-1	158	192	167	172	10.07	cps
Dysprosium	156-2	97	100	83	93	9.45	cps
Erbium	164-1	217	300	158	225	31.64	cps
Erbium	164-2	87	130	73	97	30.65	cps
Gadolinium	160-1	258	350	208	272	26.39	cps
Gadolinium	160-2	153	97	193	148	32.87	cps
Holmium	165-1	8160226	7885418	8159376	8068340	1.96	cps
Holmium	165-2	3533656	3619881	3606655	3586731	1.29	cps
Indium	115-1	6967792	7282528	7289515	7179945	2.56	cps
Indium	115-2	1181685	1189537	1195507	1188909	0.58	cps
Iron	54-2	169068	171013	170592	170225	0.60	cps
Iron	56-2	3212244	3174972	3171029	3186082	0.71	cps
Iron	57-2	78834	77622	76571	77676	1.46	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:59:15	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4036	4150	3994	4060	1.99	cps
Lead	206-1	194998	197924	194020	195647	1.04	cps
Lead	207-1	163894	164079	158924	162299	1.80	cps
Lead	208-1	769696	766413	754840	763650	1.02	cps
Lithium	6-1	3295031	3385656	3361430	3347372	1.40	cps
Magnesium	24-2	9695	9437	10337	9823	4.72	cps
Manganese	55-2	5114	5061	5248	5141	1.87	cps
Molybdenum	94-1	875	983	892	917	6.36	cps
Molybdenum	95-1	958	850	892	900	6.07	cps
Molybdenum	96-1	1542	1442	1642	1542	6.49	cps
Molybdenum	97-1	567	600	525	564	6.66	cps
Molybdenum	98-1	1417	1558	1633	1536	7.16	cps
Neodymium	150-1	333	440	300	358	20.44	cps
Neodymium	150-2	120	113	117	117	2.85	cps
Nickel	60-2	437	383	480	433	11.17	cps
Phosphorus	31-2	192	158	125	158	21.05	cps
Potassium	39-2	23119	23361	23228	23236	0.52	cps
Rhodium	103-1	6915666	6778261	6920150	6871359	1.17	cps
Rhodium	103-2	2832706	2830186	2940891	2867928	2.20	cps
Scandium	45-1	4941622	5163482	5028272	5044459	2.22	cps
Scandium	45-2	161691	162614	163017	162441	0.42	cps
Selenium	82-1	-66	-111	89	-30	-354.66	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	109	113	104	109	4.15	cps
Silicon	28-1	513554	519814	517510	516959	0.61	cps
Silver	107-1	1233	1200	1142	1192	3.89	cps
Silver	109-1	1100	1117	1092	1103	1.16	cps
Sodium	23-2	20382	21358	20456	20732	2.62	cps
Strontium	86-1	70319	73075	71592	71662	1.92	cps
Strontium	88-1	561518	559955	567968	563147	0.75	cps
Sulfur	34-1	236456	232239	236930	235208	1.10	cps
Terbium	159-1	8751381	8368097	8550655	8556711	2.24	cps
Terbium	159-2	3564200	3602522	3548762	3571828	0.77	cps
Thallium	203-1	650	650	492	597	15.31	cps
Thallium	205-1	1500	1300	1458	1420	7.43	cps
Tin	118-1	1633	1608	1725	1656	3.71	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-15DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5D	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 19:59:15	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12239	12648	13240	12709	3.96	cps
Uranium	238-1	208	192	192	197	4.88	cps
Vanadium	51-2	1687	1700	1667	1685	1.00	cps
Ytterbium	172-1	92	100	100	97	4.95	cps
Ytterbium	172-2	44	22	33	33	33.35	cps
Ytterbium	176-1	1225	900	975	1033	16.47	cps
Ytterbium	176-2	4606	4401	4612	4540	2.65	cps
Yttrium	89-1	11355628	11352750	11501464	11403281	0.75	cps
Yttrium	89-2	1284241	1291693	1298505	1291480	0.55	cps
Zinc	66-2	857	937	947	913	5.40	cps
Zirconium	90-1	1108	1067	1175	1117	4.89	cps
Zirconium	91-1	425	350	367	381	10.35	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 20:02:20	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11572	11523	11301	11465	1.26	cps
Antimony	121-1	3601	3517	3792	3637	3.88	cps
Arsenic	75-2	57847	56610	57024	57161	1.10	cps
Barium	135-1	19047	18346	17971	18455	2.96	cps
Barium	137-1	32047	32014	31262	31774	1.40	cps
Beryllium	9-1	460	496	474	477	3.81	cps
Bismuth	209-1	5010144	5087345	5176370	5091286	1.63	cps
Bismuth	209-2	2464165	2463194	2455940	2461100	0.18	cps
Boron	10-1	676	586	598	620	7.88	cps
Boron	11-1	2686	2694	2888	2756	4.15	cps
Bromine	81-1	35562	37027	37018	36536	2.31	cps
Cadmium	111-1	2422	2196	2463	2361	6.08	cps
Cadmium	106-1	2984	2625	3059	2889	8.02	cps
Cadmium	108-1	29	71	58	53	40.51	cps
Calcium	43-1	20185	20322	20240	20249	0.34	cps
Calcium	44-1	318158	324613	321628	321466	1.00	cps
Carbon	12-1	3427980	3462518	3358562	3416354	1.55	cps
Carbon	12-2	37323	38033	38860	38072	2.02	cps
Chlorine	35-1	2025122	2116040	2055702	2065621	2.24	cps
Chlorine	35-2	17995	19547	17586	18376	5.63	cps
Chromium	52-2	3097	2844	3260	3067	6.85	cps
Cobalt	59-2	6732	6325	6298	6452	3.77	cps
Copper	63-2	7092	7185	7325	7201	1.63	cps
Dysprosium	156-1	217	308	250	258	17.96	cps
Dysprosium	156-2	100	107	87	98	10.41	cps
Erbium	164-1	267	292	208	256	16.73	cps
Erbium	164-2	90	73	103	89	16.92	cps
Gadolinium	160-1	275	233	300	269	12.50	cps
Gadolinium	160-2	213	180	130	174	24.05	cps
Holmium	165-1	8123074	8202859	8187864	8171266	0.52	cps
Holmium	165-2	3580333	3588276	3551462	3573357	0.54	cps
Indium	115-1	7116203	7415909	7260657	7264256	2.06	cps
Indium	115-2	1195760	1187009	1193807	1192192	0.39	cps
Iron	54-2	194099	195861	195022	194994	0.45	cps
Iron	56-2	3614171	3728754	3679654	3674193	1.56	cps
Iron	57-2	87563	88976	87534	88024	0.94	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 20:02:20	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4041	4110	4056	4069	0.89	cps
Lead	206-1	215645	222649	227585	221960	2.70	cps
Lead	207-1	177001	184804	184332	182045	2.40	cps
Lead	208-1	836230	874937	863825	858330	2.32	cps
Lithium	6-1	3329983	3326509	3360157	3338883	0.55	cps
Magnesium	24-2	11346	11421	10804	11191	3.01	cps
Manganese	55-2	7639	7832	7575	7682	1.74	cps
Molybdenum	94-1	5176	4884	5276	5112	3.98	cps
Molybdenum	95-1	7402	7469	8253	7708	6.14	cps
Molybdenum	96-1	9003	8611	8519	8711	2.95	cps
Molybdenum	97-1	4684	4668	5043	4798	4.42	cps
Molybdenum	98-1	12948	12981	13349	13093	1.70	cps
Neodymium	150-1	387	480	433	433	10.77	cps
Neodymium	150-2	150	157	163	157	4.26	cps
Nickel	60-2	1987	1833	2047	1956	5.63	cps
Phosphorus	31-2	250	142	208	200	27.32	cps
Potassium	39-2	24129	23971	24889	24329	2.02	cps
Rhodium	103-1	6822385	6753854	6765869	6780702	0.54	cps
Rhodium	103-2	2956836	2798541	2795741	2850373	3.24	cps
Scandium	45-1	5171651	5078572	4916135	5055453	2.56	cps
Scandium	45-2	158228	162978	162094	161100	1.57	cps
Selenium	82-1	-73	129	183	80	168.91	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	107	105	105	106	1.09	cps
Silicon	28-1	600302	610223	600187	603571	0.95	cps
Silver	107-1	3025	2825	3409	3087	9.61	cps
Silver	109-1	2834	3184	2909	2975	6.19	cps
Sodium	23-2	20356	20106	20465	20309	0.91	cps
Strontium	86-1	166225	167901	172120	168748	1.80	cps
Strontium	88-1	1372699	1370970	1397494	1380388	1.08	cps
Sulfur	34-1	244112	247579	245428	245707	0.71	cps
Terbium	159-1	8478324	8644926	8487735	8536995	1.10	cps
Terbium	159-2	3480731	3615296	3562557	3552861	1.91	cps
Thallium	203-1	1692	1675	1508	1625	6.24	cps
Thallium	205-1	3959	3984	4001	3981	0.53	cps
Tin	118-1	1433	1533	1583	1517	5.04	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-16DLX50	Instrumnet Name :	P8
Client Sample ID :	YB6W5S	Dilution Factor :	50
Date & Time Acquired ::	2022-05-18 20:02:20	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13849	14091	14166	14035	1.18	cps
Uranium	238-1	13391	14041	13925	13786	2.52	cps
Vanadium	51-2	4524	4524	4664	4571	1.77	cps
Ytterbium	172-1	92	142	158	131	26.57	cps
Ytterbium	172-2	22	44	67	44	50.00	cps
Ytterbium	176-1	1042	1100	1142	1095	4.59	cps
Ytterbium	176-2	4129	4590	4284	4334	5.41	cps
Yttrium	89-1	11094400	10790657	10991969	10959009	1.41	cps
Yttrium	89-2	1281461	1297413	1290417	1289763	0.62	cps
Zinc	66-2	1573	1640	1713	1642	4.26	cps
Zirconium	90-1	1108	1167	1292	1189	7.88	cps
Zirconium	91-1	275	375	400	350	18.90	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LDLX250	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	250
Date & Time Acquired ::	2022-05-18 20:05:23	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1516	1591	1630	1579	3.66	cps
Antimony	121-1	342	383	292	339	13.54	cps
Arsenic	75-2	9831	9833	9798	9821	0.20	cps
Barium	135-1	1158	1342	1275	1258	7.37	cps
Barium	137-1	1800	2234	2025	2020	10.73	cps
Beryllium	9-1	32	40	30	34	15.57	cps
Bismuth	209-1	4994391	5009460	5198730	5067527	2.25	cps
Bismuth	209-2	2456971	2421525	2447000	2441832	0.75	cps
Boron	10-1	514	568	474	519	9.09	cps
Boron	11-1	2454	2556	2512	2507	2.04	cps
Bromine	81-1	37430	36767	37147	37115	0.90	cps
Cadmium	111-1	1946	2004	2036	1995	2.27	cps
Cadmium	106-1	2792	2834	2867	2831	1.33	cps
Cadmium	108-1	29	13	13	18	53.30	cps
Calcium	43-1	3558	3583	3603	3581	0.63	cps
Calcium	44-1	60932	60659	60687	60760	0.25	cps
Carbon	12-1	3454156	3401755	3405375	3420429	0.86	cps
Carbon	12-2	39529	39111	38151	38930	1.82	cps
Chlorine	35-1	1491177	1453822	1441687	1462229	1.76	cps
Chlorine	35-2	12172	12597	12197	12322	1.94	cps
Chromium	52-2	830	760	753	781	5.44	cps
Cobalt	59-2	193	190	150	178	13.57	cps
Copper	63-2	1407	1287	1403	1366	5.00	cps
Dysprosium	156-1	25	83	75	61	51.63	cps
Dysprosium	156-2	27	40	13	27	50.01	cps
Erbium	164-1	142	142	100	128	18.83	cps
Erbium	164-2	30	33	53	39	32.45	cps
Gadolinium	160-1	25	83	108	72	59.21	cps
Gadolinium	160-2	87	53	80	73	24.06	cps
Holmium	165-1	8169740	7970991	8137255	8092662	1.32	cps
Holmium	165-2	3496362	3521040	3559885	3525762	0.91	cps
Indium	115-1	7211642	7021541	7145171	7126118	1.35	cps
Indium	115-2	1194188	1189882	1164853	1182975	1.34	cps
Iron	54-2	33723	33612	33378	33571	0.52	cps
Iron	56-2	608362	611438	599883	606561	0.99	cps
Iron	57-2	15442	15542	15781	15588	1.12	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LDLX250	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	250
Date & Time Acquired ::	2022-05-18 20:05:23	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4034	4155	4166	4118	1.78	cps
Lead	206-1	38552	38012	38569	38377	0.83	cps
Lead	207-1	31700	31945	32542	32062	1.35	cps
Lead	208-1	148672	148740	153304	150239	1.77	cps
Lithium	6-1	3240162	3317766	3300394	3286107	1.24	cps
Magnesium	24-2	1975	1992	1834	1934	4.50	cps
Manganese	55-2	1090	1073	1090	1084	0.89	cps
Molybdenum	94-1	250	283	325	286	13.13	cps
Molybdenum	95-1	233	175	150	186	22.98	cps
Molybdenum	96-1	492	600	417	503	18.33	cps
Molybdenum	97-1	58	208	117	128	59.18	cps
Molybdenum	98-1	300	358	233	297	21.04	cps
Neodymium	150-1	87	67	107	87	23.08	cps
Neodymium	150-2	23	23	13	20	28.87	cps
Nickel	60-2	120	103	100	108	9.94	cps
Phosphorus	31-2	100	67	100	89	21.65	cps
Potassium	39-2	17653	17653	17453	17586	0.66	cps
Rhodium	103-1	6687479	6736738	6753289	6725835	0.51	cps
Rhodium	103-2	2828173	2870320	2872613	2857035	0.88	cps
Scandium	45-1	5094179	5041843	4993129	5043051	1.00	cps
Scandium	45-2	162233	160517	161727	161493	0.55	cps
Selenium	82-1	-91	-73	-210	-125	-59.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	87	93	97	92	5.45	cps
Silicon	28-1	398319	397946	399020	398428	0.14	cps
Silver	107-1	342	317	400	353	12.12	cps
Silver	109-1	267	450	250	322	34.44	cps
Sodium	23-2	13907	13899	13406	13737	2.09	cps
Strontium	86-1	18838	19689	18821	19116	2.60	cps
Strontium	88-1	108607	107647	106667	107640	0.90	cps
Sulfur	34-1	206573	204699	205729	205667	0.46	cps
Terbium	159-1	8476493	8502658	8483982	8487711	0.16	cps
Terbium	159-2	3586500	3623252	3482355	3564036	2.05	cps
Thallium	203-1	483	675	567	575	16.71	cps
Thallium	205-1	1417	1392	1533	1447	5.22	cps
Tin	118-1	2917	2559	2600	2692	7.28	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-14LDLX250	Instrumnet Name :	P8
Client Sample ID :	YB6W5L	Dilution Factor :	250
Date & Time Acquired ::	2022-05-18 20:05:23	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2625	2800	2584	2670	4.31	cps
Uranium	238-1	33	17	58	36	58.08	cps
Vanadium	51-2	343	327	260	310	14.22	cps
Ytterbium	172-1	75	92	67	78	16.37	cps
Ytterbium	172-2	56	39	56	50	19.25	cps
Ytterbium	176-1	1025	1058	917	1000	7.41	cps
Ytterbium	176-2	4323	4367	4595	4429	3.30	cps
Yttrium	89-1	11106407	11072082	11171866	11116785	0.46	cps
Yttrium	89-2	1289400	1276992	1278245	1281546	0.53	cps
Zinc	66-2	310	297	280	296	5.09	cps
Zirconium	90-1	550	542	583	558	3.95	cps
Zirconium	91-1	158	208	83	150	41.94	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:08:28	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11313	11419	11318	11350	0.53	cps
Antimony	121-1	1442	1433	1508	1461	2.81	cps
Arsenic	75-2	68101	68380	67738	68073	0.47	cps
Barium	135-1	16577	17095	15851	16508	3.78	cps
Barium	137-1	28623	28180	28088	28297	1.01	cps
Beryllium	9-1	58	34	44	45	26.60	cps
Bismuth	209-1	5291371	5097606	5229063	5206013	1.90	cps
Bismuth	209-2	2542651	2260389	2514080	2439040	6.37	cps
Boron	10-1	566	588	498	551	8.52	cps
Boron	11-1	2546	2490	2338	2458	4.38	cps
Bromine	81-1	36606	37088	36887	36860	0.66	cps
Cadmium	111-1	1958	2061	1984	2001	2.67	cps
Cadmium	106-1	2800	2917	2817	2845	2.22	cps
Cadmium	108-1	33	21	42	32	32.84	cps
Calcium	43-1	22306	22441	22296	22347	0.36	cps
Calcium	44-1	365956	364549	362379	364295	0.49	cps
Carbon	12-1	3313100	3296547	3287477	3299041	0.39	cps
Carbon	12-2	36120	37039	37181	36780	1.57	cps
Chlorine	35-1	1710194	1810040	1836566	1785600	3.73	cps
Chlorine	35-2	17019	16819	16794	16877	0.73	cps
Chromium	52-2	2810	2797	2510	2706	6.26	cps
Cobalt	59-2	983	1033	1167	1061	8.93	cps
Copper	63-2	8102	8649	8739	8497	4.06	cps
Dysprosium	156-1	308	375	367	350	10.38	cps
Dysprosium	156-2	220	113	137	157	35.79	cps
Erbium	164-1	425	317	458	400	18.52	cps
Erbium	164-2	140	147	103	130	17.95	cps
Gadolinium	160-1	333	317	350	333	5.00	cps
Gadolinium	160-2	187	247	227	220	13.89	cps
Holmium	165-1	8758932	8661602	8299773	8573436	2.82	cps
Holmium	165-2	3637836	3338282	3630428	3535515	4.83	cps
Indium	115-1	7409637	7581694	7399730	7463687	1.37	cps
Indium	115-2	1220427	1108039	1218396	1182287	5.44	cps
Iron	54-2	251582	251160	248950	250564	0.56	cps
Iron	56-2	4735736	4725903	4683111	4714916	0.59	cps
Iron	57-2	113992	112054	114423	113490	1.11	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:08:28	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3965	4238	4030	4078	3.49	cps
Lead	206-1	674776	679660	656628	670355	1.81	cps
Lead	207-1	557092	565034	536199	552775	2.69	cps
Lead	208-1	2572502	2619348	2557851	2583234	1.24	cps
Lithium	6-1	3450750	3433076	3428892	3437573	0.34	cps
Magnesium	24-2	14608	14699	14608	14638	0.36	cps
Manganese	55-2	8549	8459	8766	8592	1.84	cps
Molybdenum	94-1	3075	2709	3084	2956	7.25	cps
Molybdenum	95-1	3967	4151	3484	3867	8.91	cps
Molybdenum	96-1	4576	4876	4701	4718	3.20	cps
Molybdenum	97-1	2634	2659	2317	2536	7.51	cps
Molybdenum	98-1	6210	6535	6635	6460	3.44	cps
Neodymium	150-1	627	600	660	629	4.78	cps
Neodymium	150-2	193	220	147	187	19.88	cps
Nickel	60-2	490	467	497	484	3.25	cps
Phosphorus	31-2	200	317	267	261	22.42	cps
Potassium	39-2	32136	32003	32312	32150	0.48	cps
Rhodium	103-1	7059455	7067927	6975143	7034175	0.73	cps
Rhodium	103-2	2961107	2641663	2924246	2842339	6.15	cps
Scandium	45-1	5344572	5151848	5205881	5234100	1.90	cps
Scandium	45-2	165392	151666	165167	160742	4.89	cps
Selenium	82-1	205	25	255	162	74.83	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	110	130	83	108	21.91	cps
Silicon	28-1	701004	638167	636491	658554	5.58	cps
Silver	107-1	8378	8628	8870	8625	2.85	cps
Silver	109-1	7994	7544	8094	7877	3.72	cps
Sodium	23-2	27493	28136	27192	27607	1.75	cps
Strontium	86-1	61394	60230	60205	60610	1.12	cps
Strontium	88-1	479624	479993	481257	480292	0.18	cps
Sulfur	34-1	267731	259545	259621	262299	1.79	cps
Terbium	159-1	9060957	8970639	9055680	9029092	0.56	cps
Terbium	159-2	3668782	3404890	3588105	3553926	3.80	cps
Thallium	203-1	575	750	550	625	17.44	cps
Thallium	205-1	1533	1400	1408	1447	5.16	cps
Tin	118-1	3717	3275	3667	3553	6.81	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-18DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W7	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:08:28	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	19005	18262	18429	18565	2.10	cps
Uranium	238-1	375	500	675	517	29.17	cps
Vanadium	51-2	2890	2884	2844	2873	0.88	cps
Ytterbium	172-1	108	158	150	139	19.29	cps
Ytterbium	172-2	56	83	78	72	20.35	cps
Ytterbium	176-1	1067	1192	1250	1170	8.01	cps
Ytterbium	176-2	4429	4201	4495	4375	3.53	cps
Yttrium	89-1	11392947	11814533	11737939	11648473	1.93	cps
Yttrium	89-2	1318396	1207108	1320925	1282143	5.07	cps
Zinc	66-2	1300	1313	1337	1317	1.41	cps
Zirconium	90-1	1517	1342	1750	1536	13.34	cps
Zirconium	91-1	633	608	567	603	5.59	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:11:30	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12199	11798	12201	12066	1.92	cps
Antimony	121-1	1458	1333	1458	1417	5.09	cps
Arsenic	75-2	65052	64747	63961	64587	0.87	cps
Barium	135-1	17320	16786	17211	17106	1.65	cps
Barium	137-1	30694	29767	29633	30031	1.92	cps
Beryllium	9-1	46	66	44	52	23.40	cps
Bismuth	209-1	5366911	5193804	5117463	5226059	2.45	cps
Bismuth	209-2	2455476	2504547	2442024	2467349	1.33	cps
Boron	10-1	504	514	584	534	8.16	cps
Boron	11-1	2310	2368	2372	2350	1.48	cps
Bromine	81-1	35211	37550	36415	36392	3.21	cps
Cadmium	111-1	2242	1930	1808	1993	11.23	cps
Cadmium	106-1	3192	2717	2592	2834	11.17	cps
Cadmium	108-1	38	38	33	36	6.67	cps
Calcium	43-1	20899	20736	20836	20824	0.39	cps
Calcium	44-1	343452	337132	337947	339510	1.01	cps
Carbon	12-1	3279603	3240274	3290275	3270050	0.81	cps
Carbon	12-2	38008	36103	37532	37214	2.66	cps
Chlorine	35-1	1966888	2040322	2085435	2030881	2.95	cps
Chlorine	35-2	19172	19155	19472	19266	0.93	cps
Chromium	52-2	2940	2610	2714	2755	6.13	cps
Cobalt	59-2	1130	1117	980	1076	7.72	cps
Copper	63-2	7685	7472	7699	7619	1.67	cps
Dysprosium	156-1	367	383	317	356	9.76	cps
Dysprosium	156-2	133	153	153	147	7.87	cps
Erbium	164-1	408	417	325	383	13.22	cps
Erbium	164-2	103	163	120	129	24.03	cps
Gadolinium	160-1	367	392	517	425	18.91	cps
Gadolinium	160-2	273	190	203	222	20.14	cps
Holmium	165-1	8672274	8304150	8296590	8424338	2.55	cps
Holmium	165-2	3701378	3564817	3549190	3605129	2.32	cps
Indium	115-1	7575208	7312254	7303493	7396985	2.09	cps
Indium	115-2	1225408	1218841	1213541	1219264	0.49	cps
Iron	54-2	254662	249270	250479	251470	1.13	cps
Iron	56-2	4839504	4669609	4652437	4720517	2.19	cps
Iron	57-2	113819	113960	113650	113810	0.14	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:11:30	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4078	4011	4129	4073	1.45	cps
Lead	206-1	658926	653638	631371	647978	2.26	cps
Lead	207-1	550530	542073	539815	544139	1.04	cps
Lead	208-1	2560940	2544527	2494401	2533289	1.37	cps
Lithium	6-1	3514593	3449613	3302689	3422298	3.17	cps
Magnesium	24-2	15041	14825	15642	15169	2.79	cps
Manganese	55-2	8963	8313	9020	8765	4.48	cps
Molybdenum	94-1	2784	11868	2584	5745	92.31	cps
Molybdenum	95-1	3876	3567	3759	3734	4.17	cps
Molybdenum	96-1	4534	4793	4809	4712	3.27	cps
Molybdenum	97-1	2467	2400	2259	2375	4.48	cps
Molybdenum	98-1	6718	6135	6510	6454	4.58	cps
Neodymium	150-1	593	733	580	636	13.36	cps
Neodymium	150-2	243	247	207	232	9.56	cps
Nickel	60-2	563	490	547	533	7.21	cps
Phosphorus	31-2	117	292	308	239	44.45	cps
Potassium	39-2	32136	32195	31794	32042	0.68	cps
Rhodium	103-1	7032498	6850763	6863959	6915740	1.47	cps
Rhodium	103-2	3035389	2967846	2865804	2956346	2.89	cps
Scandium	45-1	5358832	5038054	5207439	5201442	3.09	cps
Scandium	45-2	164179	162301	162683	163055	0.61	cps
Selenium	82-1	84	146	84	105	34.50	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	125	124	121	123	1.69	cps
Silicon	28-1	745997	720168	723186	729784	1.94	cps
Silver	107-1	8428	9053	7819	8433	7.32	cps
Silver	109-1	8069	7594	7711	7791	3.18	cps
Sodium	23-2	27151	28144	27234	27510	2.00	cps
Strontium	86-1	60934	60290	59544	60256	1.15	cps
Strontium	88-1	470262	470004	466073	468780	0.50	cps
Sulfur	34-1	262803	258297	260834	260645	0.87	cps
Terbium	159-1	8729803	8602477	8343963	8558748	2.30	cps
Terbium	159-2	3592230	3621446	3649165	3620947	0.79	cps
Thallium	203-1	600	600	475	558	12.93	cps
Thallium	205-1	1208	1442	1308	1320	8.87	cps
Tin	118-1	2750	2725	2867	2781	2.72	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-19DLX25	Instrumnet Name :	P8
Client Sample ID :	YB6W8	Dilution Factor :	25
Date & Time Acquired ::	2022-05-18 20:11:30	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	19514	19255	19414	19394	0.67	cps
Uranium	238-1	733	475	667	625	21.46	cps
Vanadium	51-2	2867	3114	3104	3028	4.61	cps
Ytterbium	172-1	200	125	92	139	39.95	cps
Ytterbium	172-2	67	39	78	61	32.78	cps
Ytterbium	176-1	992	950	1108	1017	8.07	cps
Ytterbium	176-2	4445	4712	4395	4518	3.77	cps
Yttrium	89-1	11586462	11430429	11367799	11461564	0.98	cps
Yttrium	89-2	1331329	1323373	1327753	1327485	0.30	cps
Zinc	66-2	1427	1327	1300	1351	4.94	cps
Zirconium	90-1	1750	1500	1458	1570	10.05	cps
Zirconium	91-1	475	433	517	475	8.77	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 20:14:35	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475871	471515	462147	469845	1.49	cps
Antimony	121-1	3409	3392	3851	3551	7.32	cps
Arsenic	75-2	119436	119195	116661	118431	1.30	cps
Barium	135-1	135138	136494	134771	135468	0.67	cps
Barium	137-1	228885	231562	235176	231874	1.36	cps
Beryllium	9-1	422	508	414	448	11.63	cps
Bismuth	209-1	5103528	5126766	5077475	5102590	0.48	cps
Bismuth	209-2	2444251	2424008	2407628	2425296	0.76	cps
Boron	10-1	740	844	736	773	7.92	cps
Boron	11-1	3374	3518	3372	3421	2.45	cps
Bromine	81-1	36686	37218	35251	36385	2.80	cps
Cadmium	111-1	2449	2230	2232	2304	5.47	cps
Cadmium	106-1	3034	2784	2717	2845	5.87	cps
Cadmium	108-1	71	104	100	92	19.82	cps
Calcium	43-1	90850	91905	92489	91748	0.91	cps
Calcium	44-1	1511604	1519634	1541937	1524392	1.03	cps
Carbon	12-1	4124014	4077153	4168769	4123312	1.11	cps
Carbon	12-2	45337	47461	45488	46095	2.57	cps
Chlorine	35-1	11978339	14229215	16186522	14131359	14.90	cps
Chlorine	35-2	155031	160271	165472	160258	3.26	cps
Chromium	52-2	38234	39361	38034	38543	1.86	cps
Cobalt	59-2	36614	37098	36306	36673	1.09	cps
Copper	63-2	131476	132211	128030	130572	1.71	cps
Dysprosium	156-1	6644	6202	6560	6468	3.63	cps
Dysprosium	156-2	2684	2694	2527	2635	3.55	cps
Erbium	164-1	6552	6927	7160	6880	4.46	cps
Erbium	164-2	2594	2697	2477	2589	4.25	cps
Gadolinium	160-1	6669	7027	6660	6785	3.09	cps
Gadolinium	160-2	3167	3054	2877	3033	4.82	cps
Holmium	165-1	8250104	8219210	8356659	8275324	0.87	cps
Holmium	165-2	3611883	3576343	3518306	3568844	1.32	cps
Indium	115-1	7250169	7054998	7349690	7218286	2.08	cps
Indium	115-2	1214647	1220748	1198535	1211310	0.95	cps
Iron	54-2	2525986	2516301	2489393	2510560	0.76	cps
Iron	56-2	43612573	44122919	42858655	43531382	1.46	cps
Iron	57-2	1086132	1091795	1042748	1073558	2.50	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 20:14:35	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4286	4090	4106	4161	2.62	cps
Lead	206-1	424021	431014	425471	426835	0.86	cps
Lead	207-1	346463	348888	357378	350910	1.63	cps
Lead	208-1	1628719	1650958	1650944	1643540	0.78	cps
Lithium	6-1	3369317	3434944	3473954	3426072	1.54	cps
Magnesium	24-2	904198	912052	890796	902349	1.19	cps
Manganese	55-2	390704	402553	393500	395586	1.57	cps
Molybdenum	94-1	8720	8695	8820	8745	0.76	cps
Molybdenum	95-1	8795	8903	8528	8742	2.21	cps
Molybdenum	96-1	12472	13757	12473	12901	5.75	cps
Molybdenum	97-1	5693	5276	5501	5490	3.80	cps
Molybdenum	98-1	13832	14425	14967	14408	3.94	cps
Neodymium	150-1	9904	9250	9664	9606	3.44	cps
Neodymium	150-2	3034	3297	3064	3132	4.60	cps
Nickel	60-2	15182	15148	14421	14917	2.88	cps
Phosphorus	31-2	1600	1725	1725	1683	4.29	cps
Potassium	39-2	104656	108599	106754	106669	1.85	cps
Rhodium	103-1	6726828	6877189	6843506	6815841	1.16	cps
Rhodium	103-2	2892671	2919468	2918785	2910308	0.52	cps
Scandium	45-1	5292518	5116578	5396276	5268457	2.68	cps
Scandium	45-2	167706	169088	164894	167229	1.28	cps
Selenium	82-1	-108	193	15	33	452.51	cps
Selenium	77-2	33	20	23	26	27.15	cps
Selenium	78-2	132	124	120	125	4.87	cps
Silicon	28-1	5385334	5438639	5509560	5444511	1.14	cps
Silver	107-1	4876	5134	5043	5018	2.61	cps
Silver	109-1	5143	5026	4793	4987	3.58	cps
Sodium	23-2	60987	61455	61664	61369	0.57	cps
Strontium	86-1	114317	116183	114778	115093	0.84	cps
Strontium	88-1	952745	952173	930189	945036	1.36	cps
Sulfur	34-1	286167	282267	277374	281936	1.56	cps
Terbium	159-1	8824872	8816894	8806250	8816005	0.11	cps
Terbium	159-2	3550440	3611208	3561317	3574322	0.91	cps
Thallium	203-1	833	1008	942	928	9.52	cps
Thallium	205-1	2034	2059	2209	2100	4.51	cps
Tin	118-1	12222	13157	12890	12756	3.77	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	N2819-20DLX2	Instrumnet Name :	P8
Client Sample ID :	YB6W9	Dilution Factor :	2
Date & Time Acquired ::	2022-05-18 20:14:35	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217744	219237	221328	219436	0.82	cps
Uranium	238-1	4851	4959	5226	5012	3.85	cps
Vanadium	51-2	65978	66742	65566	66095	0.90	cps
Ytterbium	172-1	2100	2284	2484	2289	8.38	cps
Ytterbium	172-2	1056	1039	1000	1032	2.76	cps
Ytterbium	176-1	2709	2625	2359	2564	7.13	cps
Ytterbium	176-2	4951	5418	5101	5157	4.62	cps
Yttrium	89-1	11547532	11445512	11245828	11412957	1.34	cps
Yttrium	89-2	1324560	1356908	1322468	1334645	1.45	cps
Zinc	66-2	73825	73661	74351	73945	0.49	cps
Zirconium	90-1	8853	9553	8686	9031	5.10	cps
Zirconium	91-1	2359	2317	2417	2364	2.13	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P8
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:17:34	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2340270	2447646	2346456	2378124	2.54	cps
Antimony	121-1	2611032	2599061	2638124	2616072	0.77	cps
Arsenic	75-2	74624	75811	74610	75015	0.92	cps
Barium	135-1	3475386	3463363	3578140	3505630	1.80	cps
Barium	137-1	6028236	5894690	5836577	5919834	1.66	cps
Beryllium	9-1	912279	926106	925242	921209	0.84	cps
Bismuth	209-1	4718499	4803948	4842197	4788215	1.32	cps
Bismuth	209-2	2232827	2338473	2334724	2302008	2.60	cps
Boron	10-1	115972	122273	127355	121866	4.68	cps
Boron	11-1	504347	529411	542311	525356	3.67	cps
Bromine	81-1	30063	30876	31488	30809	2.32	cps
Cadmium	111-1	727072	731114	736038	731408	0.61	cps
Cadmium	106-1	80636	81591	80787	81005	0.63	cps
Cadmium	108-1	55562	55001	54407	54990	1.05	cps
Calcium	43-1	5076481	5114274	4928519	5039758	1.95	cps
Calcium	44-1	81089571	82983672	79958000	81343748	1.88	cps
Carbon	12-1	3885224	3843983	3910644	3879951	0.87	cps
Carbon	12-2	48723	50604	49401	49576	1.92	cps
Chlorine	35-1	3080589	2966365	2832554	2959836	4.19	cps
Chlorine	35-2	22368	22777	21224	22123	3.64	cps
Chromium	52-2	724232	727470	713949	721883	0.98	cps
Cobalt	59-2	1211654	1218803	1202291	1210916	0.68	cps
Copper	63-2	9430505	9337233	9362948	9376895	0.51	cps
Dysprosium	156-1	450	425	375	417	9.16	cps
Dysprosium	156-2	137	113	123	124	9.41	cps
Erbium	164-1	67	133	58	86	47.74	cps
Erbium	164-2	30	37	30	32	11.95	cps
Gadolinium	160-1	183	283	350	272	30.82	cps
Gadolinium	160-2	147	190	157	164	13.80	cps
Holmium	165-1	8234006	8279732	8574328	8362689	2.21	cps
Holmium	165-2	3540195	3603017	3675037	3606083	1.87	cps
Indium	115-1	7031086	6698524	6773082	6834231	2.55	cps
Indium	115-2	1071426	1098938	1090785	1087049	1.30	cps
Iron	54-2	8282229	8138833	8266077	8229047	0.95	cps
Iron	56-2	152714348	148934498	148614809	150087885	1.52	cps
Iron	57-2	3710344	3916588	3787783	3804905	2.74	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P8
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:17:34	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3658	3799	3763	3740	1.96	cps
Lead	206-1	10465366	10942599	10746925	10718297	2.24	cps
Lead	207-1	8979177	9196329	9292683	9156063	1.75	cps
Lead	208-1	41490012	42335819	42531143	42118991	1.31	cps
Lithium	6-1	3343974	3389558	3330067	3354533	0.93	cps
Magnesium	24-2	30712233	30082823	30032792	30275949	1.25	cps
Manganese	55-2	4214493	4204145	4249708	4222782	0.57	cps
Molybdenum	94-1	10348526	10304925	10138198	10263883	1.08	cps
Molybdenum	95-1	14640865	14919773	14736063	14765567	0.96	cps
Molybdenum	96-1	15828890	15871465	16353000	16017785	1.82	cps
Molybdenum	97-1	8880372	9138432	9087790	9035531	1.51	cps
Molybdenum	98-1	23209830	23685100	23367040	23420657	1.03	cps
Neodymium	150-1	173	280	193	216	26.30	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	331454	339611	331358	334141	1.42	cps
Phosphorus	31-2	26241	26809	27218	26756	1.83	cps
Potassium	39-2	12743139	12750291	12790918	12761449	0.20	cps
Rhodium	103-1	6073366	6017107	6211421	6100631	1.64	cps
Rhodium	103-2	2483473	2587195	2598921	2556530	2.49	cps
Scandium	45-1	4856726	4872655	4942955	4890779	0.94	cps
Scandium	45-2	151285	155331	155455	154024	1.54	cps
Selenium	82-1	58786	58531	58368	58561	0.36	cps
Selenium	77-2	1720	1750	1903	1791	5.49	cps
Selenium	78-2	6410	6458	6462	6443	0.45	cps
Silicon	28-1	2486296	2490091	2576310	2517566	2.02	cps
Silver	107-1	3780827	3698598	3746877	3742101	1.10	cps
Silver	109-1	3526592	3618427	3530574	3558531	1.46	cps
Sodium	23-2	57172591	57839916	57503083	57505196	0.58	cps
Strontium	86-1	24670100	24085403	24274201	24343234	1.23	cps
Strontium	88-1	213665563	212460596	208276934	211467698	1.34	cps
Sulfur	34-1	543413	541200	538008	540874	0.50	cps
Terbium	159-1	8710964	8749532	8675171	8711889	0.43	cps
Terbium	159-2	3524290	3539747	3588689	3550909	0.95	cps
Thallium	203-1	2530903	2661186	2620896	2604328	2.56	cps
Thallium	205-1	6035029	6106588	6114597	6085405	0.72	cps
Tin	118-1	2384589	2419283	2426030	2409968	0.92	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P8
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:17:34	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4556556	4426839	4426179	4469858	1.68	cps
Uranium	238-1	8238824	8577048	8497486	8437786	2.10	cps
Vanadium	51-2	602540	600435	591919	598298	0.94	cps
Ytterbium	172-1	117	108	117	114	4.22	cps
Ytterbium	172-2	56	44	56	52	12.37	cps
Ytterbium	176-1	11605	12256	12106	11989	2.84	cps
Ytterbium	176-2	8036	9153	9031	8740	7.01	cps
Yttrium	89-1	10674870	10677502	10700905	10684426	0.13	cps
Yttrium	89-2	1204931	1241389	1210733	1219018	1.61	cps
Zinc	66-2	1165339	1149596	1156035	1156990	0.68	cps
Zirconium	90-1	5184957	5246264	5074823	5168681	1.68	cps
Zirconium	91-1	1172198	1194485	1156352	1174345	1.63	cps

LB Number : LB120251 Operator : Jaswal
 Lab Sample ID : CCB057 Instrumnet Name : P8
 Client Sample ID : CCB057 Dilution Factor : 1
 Date & Time Acquired :: 2022-05-18 20:22:39 DataFile Name : 099CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69	66	56	64	10.38	cps
Antimony	121-1	550	658	733	647	14.24	cps
Arsenic	75-2	15	8	10	11	32.78	cps
Barium	135-1	67	75	67	69	6.93	cps
Barium	137-1	108	117	100	108	7.69	cps
Beryllium	9-1	72	40	46	53	32.30	cps
Bismuth	209-1	5361145	5102472	5265318	5242979	2.49	cps
Bismuth	209-2	2462384	2454329	2439938	2452217	0.46	cps
Boron	10-1	3454	3144	3076	3224	6.25	cps
Boron	11-1	14450	13862	13069	13794	5.02	cps
Bromine	81-1	29933	29983	30505	30140	1.05	cps
Cadmium	111-1	1750	1793	1716	1753	2.18	cps
Cadmium	106-1	2442	2534	2384	2453	3.08	cps
Cadmium	108-1	25	8	21	18	48.05	cps
Calcium	43-1	230	257	194	227	14.08	cps
Calcium	44-1	7192	6944	6781	6972	2.97	cps
Carbon	12-1	3219002	3221150	3212048	3217400	0.15	cps
Carbon	12-2	37031	38685	36672	37462	2.87	cps
Chlorine	35-1	1451945	1404345	1391163	1415818	2.26	cps
Chlorine	35-2	12064	11722	11121	11636	4.10	cps
Chromium	52-2	487	560	537	528	7.10	cps
Cobalt	59-2	40	30	43	38	18.36	cps
Copper	63-2	647	603	530	593	9.94	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	90	53	63	69	27.52	cps
Holmium	165-1	8282680	8027045	8011815	8107180	1.88	cps
Holmium	165-2	3411466	3510455	3456241	3459387	1.43	cps
Indium	115-1	7111132	6956587	6965195	7010972	1.24	cps
Indium	115-2	1120383	1120220	1129356	1123320	0.47	cps
Iron	54-2	444	461	561	489	12.91	cps
Iron	56-2	3978	4140	4206	4108	2.85	cps
Iron	57-2	133	189	211	178	22.53	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P8
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:22:39	DataFile Name :	099CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3824	3714	3853	3797	1.93	cps
Lead	206-1	933	761	883	859	10.31	cps
Lead	207-1	867	794	733	798	8.36	cps
Lead	208-1	3867	3495	3811	3724	5.39	cps
Lithium	6-1	3355483	3309857	3363402	3342914	0.86	cps
Magnesium	24-2	250	358	442	350	27.46	cps
Manganese	55-2	103	140	123	122	15.02	cps
Molybdenum	94-1	383	350	350	361	5.33	cps
Molybdenum	95-1	208	167	308	228	31.96	cps
Molybdenum	96-1	475	483	433	464	5.77	cps
Molybdenum	97-1	183	125	167	158	18.98	cps
Molybdenum	98-1	533	575	458	522	11.32	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	20	30	23	24	20.83	cps
Phosphorus	31-2	58	58	75	64	15.06	cps
Potassium	39-2	14116	14616	14266	14332	1.79	cps
Rhodium	103-1	6454294	6540044	6434628	6476322	0.87	cps
Rhodium	103-2	2724364	2787584	2748098	2753349	1.16	cps
Scandium	45-1	4890634	4745150	4757191	4797658	1.68	cps
Scandium	45-2	150868	151505	155186	152520	1.53	cps
Selenium	82-1	-164	66	-173	-90	-150.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	79	87	100	89	11.95	cps
Silicon	28-1	323592	327526	328354	326491	0.78	cps
Silver	107-1	458	325	308	364	22.59	cps
Silver	109-1	333	325	308	322	3.95	cps
Sodium	23-2	14891	14558	14758	14736	1.14	cps
Strontium	86-1	6543	5935	6402	6293	5.06	cps
Strontium	88-1	2175	1884	1433	1831	20.41	cps
Sulfur	34-1	175874	174888	173478	174747	0.69	cps
Terbium	159-1	8374534	8514771	8475550	8454952	0.86	cps
Terbium	159-2	3415948	3536937	3464362	3472416	1.75	cps
Thallium	203-1	733	733	675	714	4.72	cps
Thallium	205-1	1825	1909	1750	1828	4.33	cps
Tin	118-1	1142	1067	1183	1131	5.23	cps

LB Number :	LB120251	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P8
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2022-05-18 20:22:39	DataFile Name :	099CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	183	217	181	20.81	cps
Uranium	238-1	142	50	25	72	85.05	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	133	67	33	78	65.47	cps
Ytterbium	172-2	0	50	11	20	128.89	cps
Ytterbium	176-1	767	892	833	831	7.53	cps
Ytterbium	176-2	4017	4534	4434	4329	6.33	cps
Yttrium	89-1	10572158	10942529	10553491	10689393	2.05	cps
Yttrium	89-2	1193658	1213694	1209413	1205588	0.88	cps
Zinc	66-2	153	100	140	131	21.17	cps
Zirconium	90-1	558	533	692	594	14.32	cps
Zirconium	91-1	108	133	125	122	10.41	cps