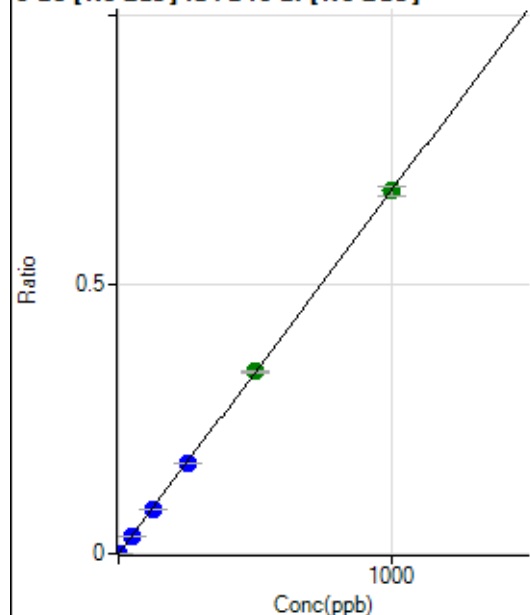


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101221 MS.b\
Analysis File: P8101221 MS.batch.bin
DA Date-Time: 2021-10-12 11:56:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-10-12 10:55:58
2	007CAL.S.d	S02	2021-10-12 11:02:07
3	008CAL.S.d	S03	2021-10-12 11:05:13
4	009CAL.S.d	S04	2021-10-12 11:08:16
5	010CAL.S.d	S05	2021-10-12 11:11:22
6	013CAL.S.d	S06	2021-10-12 11:20:34
7	014CAL.S.d	S07	2021-10-12 11:23:39
8	016CAL.S.d	S08	2021-10-12 11:46:27

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.32	0.0000	P	18.7
2	☐	1.000	0.962	2393.73	0.0007	P	7.5
3	☐	50.000	49.294	118552.55	0.0333	P	2.3
4	☐	125.000	123.677	289740.36	0.0835	P	0.2
5	☐	250.000	248.288	573014.16	0.1676	P	0.7
6	☐	500.000	502.215	1142549.60	0.3390	A	1.0
7	☐	1000.000	999.521	2323750.92	0.6746	A	2.7
8	☐			447.25	0.0001	P	6.4

$$y = 6.7490\text{E-}004 * x + 1.1225\text{E-}005$$

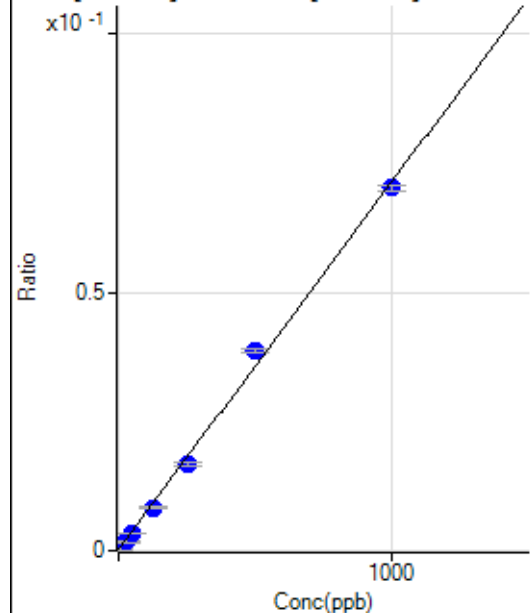
$$R = 1.0000$$

$$DL = 0.009341$$

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	631.22	0.0002	P	8.3
2	☐	25.000	21.166	6148.09	0.0017	P	7.5
3	☐	50.000	43.935	11811.78	0.0033	P	2.6
4	☐	125.000	114.480	28913.42	0.0083	P	5.3
5	☐	250.000	231.892	57025.85	0.0167	P	4.1
6	☐	500.000	542.871	130749.09	0.0388	P	1.5
7	☐	1000.000	984.805	241998.10	0.0702	P	1.4
8	☐			5920.04	0.0018	P	0.6

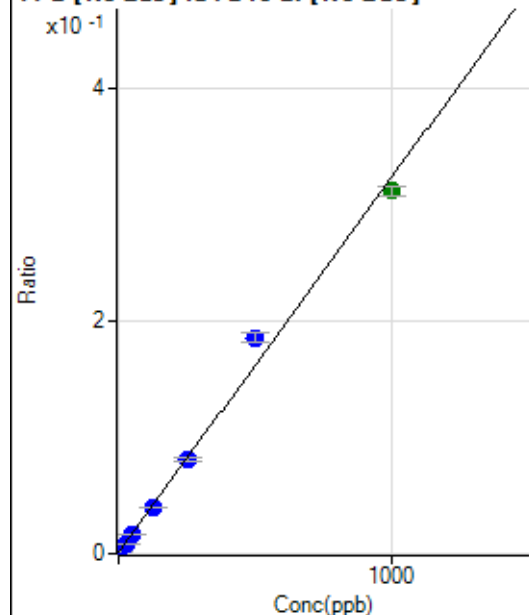
$$y = 7.1099\text{E-}005 * x + 1.8996\text{E-}004$$

$$R = 0.9984$$

$$DL = 0.6633$$

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	3147.72	0.0009	P	3.6
2	☐	25.000	21.785	28968.24	0.0080	P	6.4
3	☐	50.000	47.128	57598.64	0.0162	P	3.6
4	☐	125.000	120.183	137938.80	0.0397	P	3.8
5	☐	250.000	246.913	275754.44	0.0806	P	4.8
6	☐	500.000	573.830	627569.62	0.1862	P	4.5
7	☐	1000.000	964.683	1076717.21	0.3123	A	2.5
8	☐			28337.65	0.0085	P	1.6

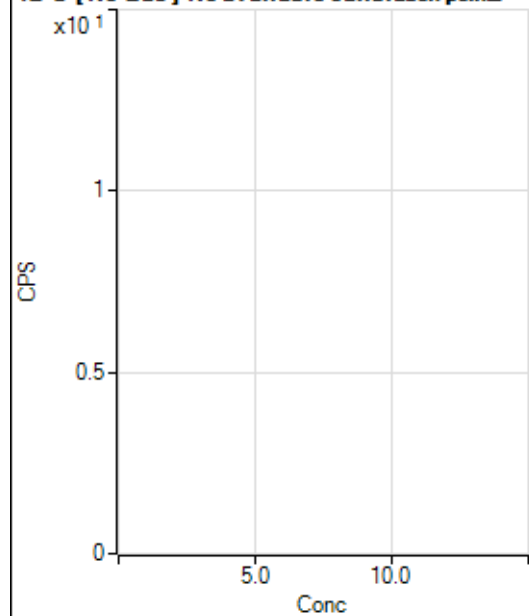
$$y = 3.2278\text{E-}004 * x + 9.4658\text{E-}004$$

$$R = 0.9958$$

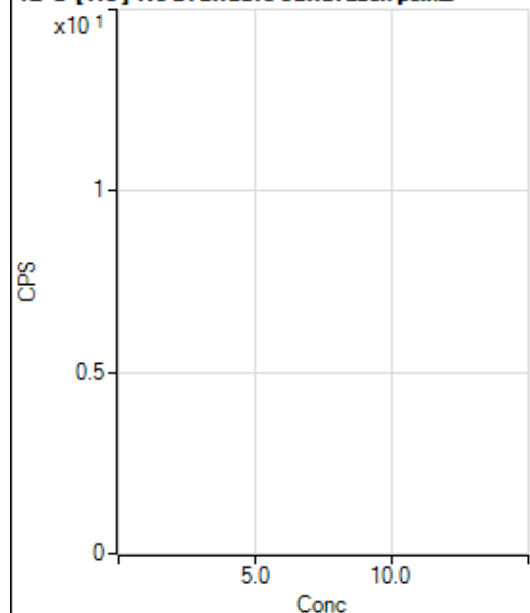
$$DL = 0.3191$$

Weight: <None>

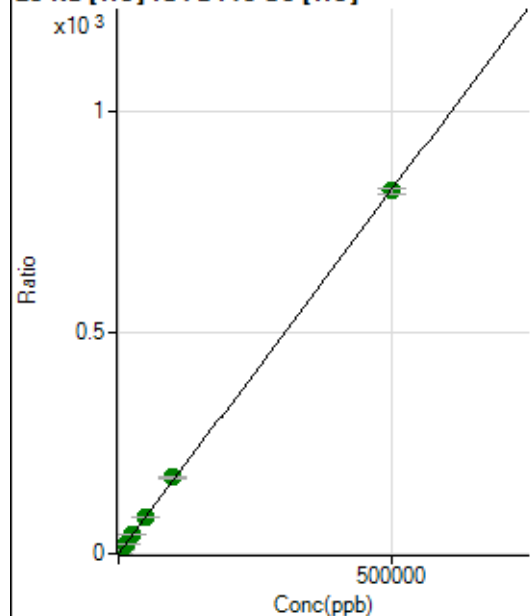
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5321138.66		A	1.1
2	☐			5400697.39		A	2.1
3	☐			6005161.03		A	0.9
4	☐			6064221.36		A	1.0
5	☐			6067968.45		A	1.8
6	☐			6513401.62		A	1.8
7	☐			7032756.32		A	2.2
8	☐			8381444.20		A	0.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61501.87		P	1.7
2	☐			64257.88		P	1.5
3	☐			72827.97		P	1.1
4	☐			74235.58		P	1.2
5	☐			73431.13		P	0.5
6	☐			79199.44		P	0.7
7	☐			89755.03		P	0.4
8	☐			108768.25		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33088.06	0.1159	P	1.4
2	☐	500.000	495.821	269411.85	0.9316	P	0.9
3	☐	5000.000	5426.931	2584750.54	9.0442	A	0.5
4	☐	12500.000	13522.515	6191990.89	22.3628	A	1.1
5	☐	25000.000	26797.149	12124254.18	44.2020	A	2.3
6	☐	50000.000	50919.518	24388414.96	83.8876	A	1.2
7	☐	100000.00	104670.68	49468266.04	172.3179	A	0.8
8	☐	500000.00	498854.22	237858235.8	820.8202	A	1.6

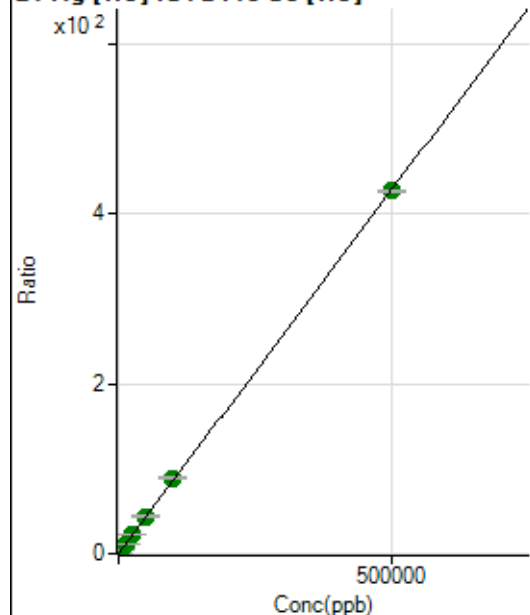
$$y = 0.0016 * x + 0.1159$$

$$R = 1.0000$$

$$DL = 2.877$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	652.81	0.0023	P	7.9
2	☐	500.000	493.765	122754.50	0.4244	P	2.0
3	☐	5000.000	5507.346	1346350.04	4.7107	A	2.4
4	☐	12500.000	13727.041	3250036.68	11.7380	A	1.4
5	☐	25000.000	27201.369	6378714.55	23.2577	A	3.2
6	☐	50000.000	51545.998	12813069.30	44.0707	A	1.5
7	☐	100000.00	104195.45	25572866.20	89.0825	A	0.7
8	☐	500000.00	498860.49	123598580.5	426.4952	A	0.5

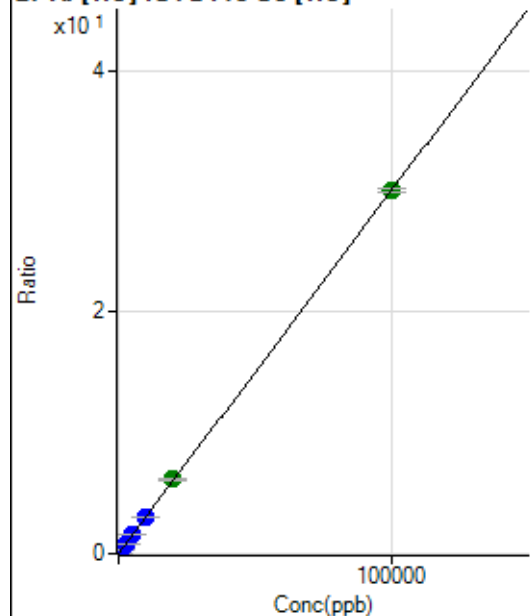
$$y = 8.5493\text{E-}004 * x + 0.0023$$

$$R = 1.0000$$

$$DL = 0.6327$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.06	0.0007	P	2.8
2	☐	20.000	21.096	2039.06	0.0071	P	1.1
3	☐	1000.000	1034.241	89067.35	0.3117	P	1.2
4	☐	2500.000	2654.362	221176.18	0.7988	P	0.6
5	☐	5000.000	5218.978	430622.39	1.5699	P	2.2
6	☐	10000.000	9895.791	865206.53	2.9762	P	1.9
7	☐	20000.000	20531.371	1772194.01	6.1741	A	2.3
8	☐	100000.00	99888.996	8703933.79	30.0352	A	1.1

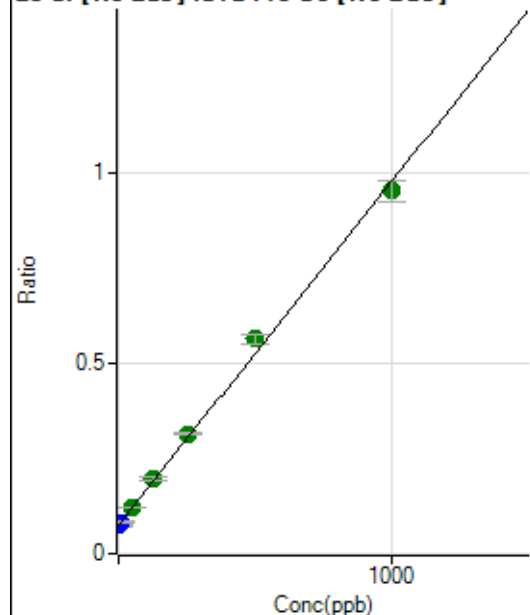
$$y = 3.0068\text{E-}004 * x + 7.0770\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2005$$

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	565128.35	0.0755	P	6.7
2	☐	10.000	7.738	644856.16	0.0824	P	4.0
3	☐	50.000	52.211	959254.53	0.1225	A	0.6
4	☐	125.000	136.472	1473302.15	0.1984	A	4.1
5	☐	250.000	264.722	2330973.64	0.3139	A	1.1
6	☐	500.000	543.275	4447644.28	0.5648	A	4.6
7	☐	1000.000	973.160	7741445.31	0.9520	A	5.8
8	☐			795085.51	0.1023	P	5.2

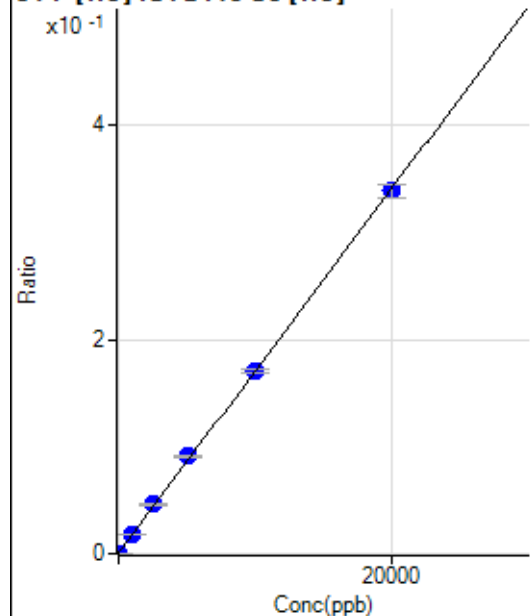
$$y = 9.0075E-004 * x + 0.0755$$

$$R = 0.9984$$

$$DL = 16.96$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.751	180.56	0.0006	P	13.9
2	☐	0.000	-4.751	136.12	0.0005	P	15.7
3	☐	1000.000	1053.164	5273.33	0.0185	P	3.3
4	☐	2500.000	2666.209	12703.12	0.0459	P	5.5
5	☐	5000.000	5316.892	24944.27	0.0909	P	2.8
6	☐	10000.000	10017.652	49671.87	0.1709	P	2.2
7	☐	20000.000	19888.517	97207.00	0.3387	P	3.6
8	☐			238.90	0.0008	P	9.7

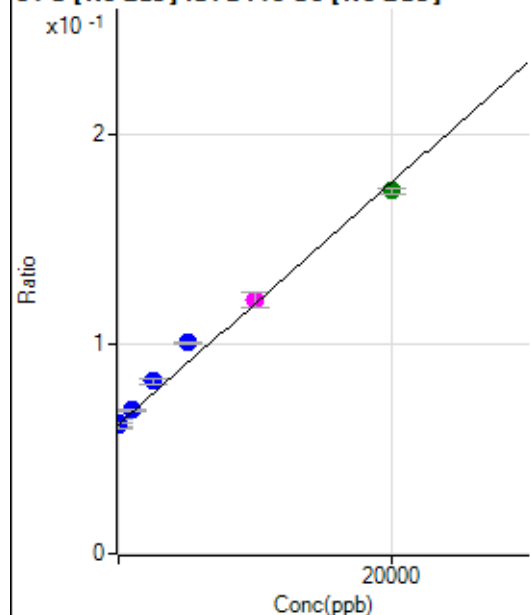
$$y = 1.7001E-005 * x + 5.5159E-004$$

$$R = 0.9998$$

$$DL = 14.27$$

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	94.034	466196.01	0.0622	P	6.6
2	☐	0.000	-94.034	478453.17	0.0612	P	4.2
3	☐	1000.000	1146.448	534865.89	0.0683	P	1.8
4	☐	2500.000	3536.542	609598.96	0.0821	P	2.8
5	☐	5000.000	6739.708	746290.04	0.1005	P	1.0
6	☐	10000.000	10253.409	951689.74	0.1207	M	5.7
7	☐	20000.000	19301.478	1406217.94	0.1728	A	1.9
8	☐			421368.24	0.0542	P	1.2

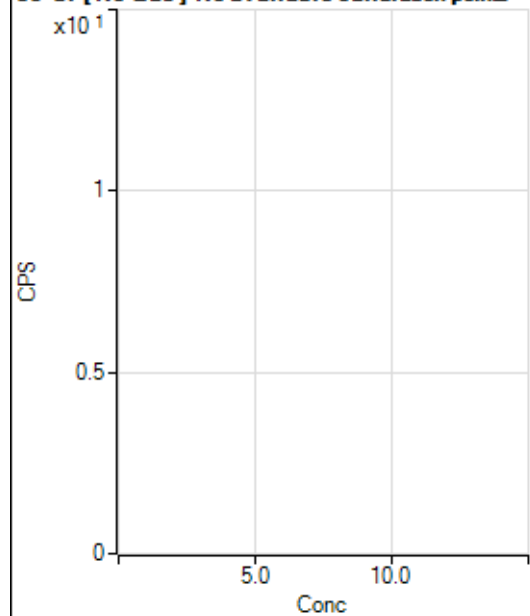
$$y = 5.7584\text{E-}006 * x + 0.0617$$

R = 0.9945

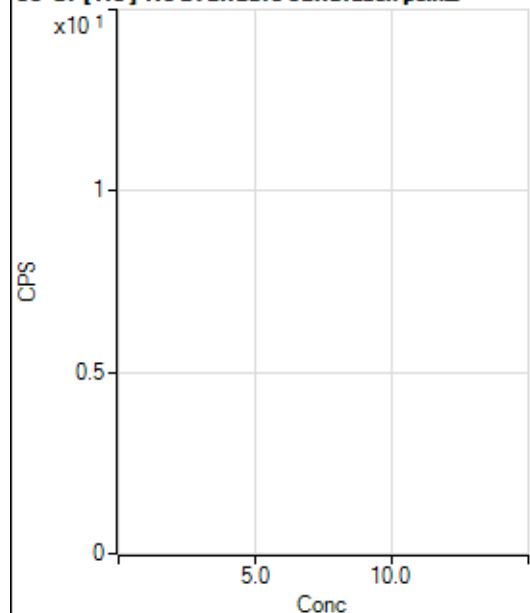
DL = 1746

Weight: <None>

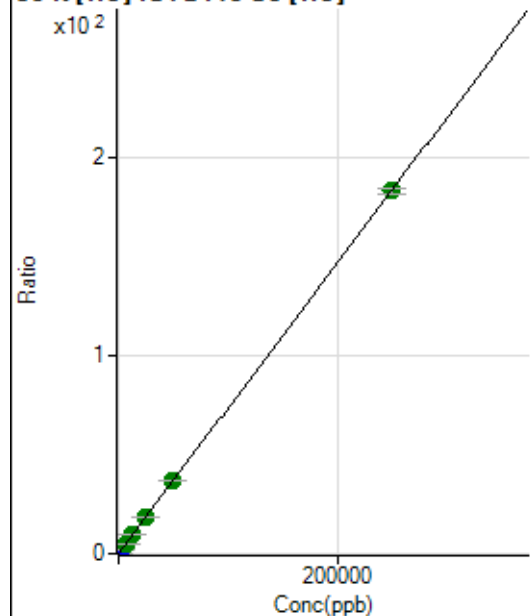
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1269046.57		A	2.2
2	☐			1136956.40		M	2.0
3	☐			1159890.05		A	1.9
4	☐			1087673.56		P	0.6
5	☐			1071570.66		P	1.0
6	☐			1019694.44		P	1.4
7	☐			1015531.84		P	1.4
8	☐			1219534.78		A	2.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9734.10		P	3.5
2	☐			8764.02		P	2.8
3	☐			8978.01		P	1.9
4	☐			8358.20		P	3.3
5	☐			8502.75		P	5.2
6	☐			7896.80		P	3.5
7	☐			7393.76		P	4.4
8	☐			8972.43		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25297.75	0.0886	P	4.0
2	☐	500.000	464.602	124214.98	0.4295	P	1.7
3	☐	2500.000	2521.396	554024.97	1.9388	P	1.3
4	☐	6250.000	6633.795	1372355.33	4.9564	A	0.6
5	☐	12500.000	12916.800	2623761.02	9.5668	A	3.9
6	☐	25000.000	24811.140	5318375.47	18.2947	A	2.6
7	☐	50000.000	49973.710	10551886.70	36.7587	A	1.3
8	☐	250000.00	249993.56	53184179.66	183.5310	A	1.5

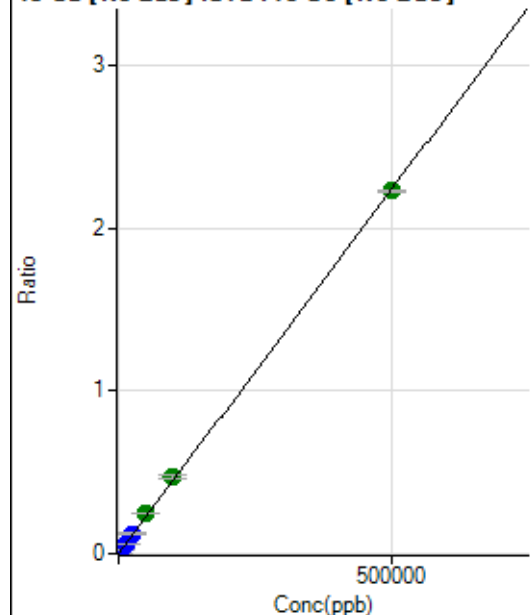
$$y = 7.3379\text{E-}004 * x + 0.0886$$

$$R = 1.0000$$

$$DL = 14.54$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	608.69	0.0001	P	11.5
2	☐	500.000	482.060	17510.11	0.0022	P	4.2
3	☐	5000.000	5245.212	184426.06	0.0235	P	0.5
4	☐	12500.000	13768.197	458202.83	0.0617	P	2.7
5	☐	25000.000	27618.506	918118.86	0.1237	P	1.0
6	☐	50000.000	55023.898	1940681.92	0.2463	A	0.6
7	☐	100000.00	105909.51	3855157.83	0.4739	A	3.1
8	☐	500000.00	498150.64	17337542.21	2.2289	A	0.3

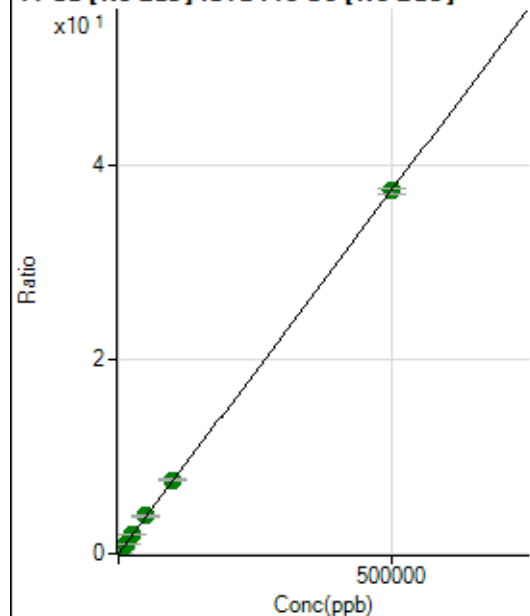
$$y = 4.4743\text{E-}006 * x + 8.1431\text{E-}005$$

$$R = 0.9999$$

$$DL = 6.29$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57712.78	0.0077	P	5.9
2	☐	500.000	465.384	332345.61	0.0425	P	4.5
3	☐	5000.000	5231.717	3122572.03	0.3987	A	0.5
4	☐	12500.000	13223.154	7398439.06	0.9960	A	3.3
5	☐	25000.000	26878.221	14972893.62	2.0166	A	1.3
6	☐	50000.000	51939.489	30642482.66	3.8898	A	2.1
7	☐	100000.00	101544.85	61821077.88	7.5974	A	0.7
8	☐	500000.00	499382.80	290338481.4	37.3325	A	1.5

$$y = 7.4742\text{E-}005 * x + 0.0077$$

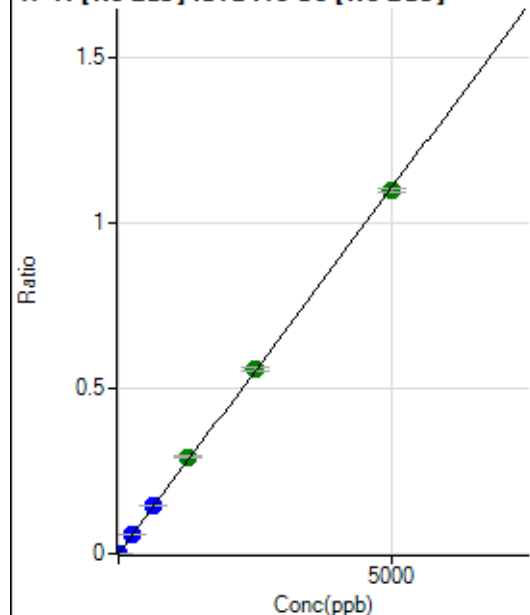
$$R = 1.0000$$

$$DL = 18.19$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.68	0.0000	P	25.9
2	☐	5.000	4.828	8705.66	0.0011	P	6.5
3	☐	250.000	254.158	440278.34	0.0562	P	0.9
4	☐	625.000	661.056	1085907.64	0.1462	P	1.4
5	☐	1250.000	1326.696	2177526.96	0.2933	A	2.4
6	☐	2500.000	2530.641	4406848.93	0.5594	A	1.8
7	☐	5000.000	4960.791	8922365.82	1.0965	A	0.9
8	☐			2116.88	0.0003	P	4.9

$$y = 2.2103\text{E-}004 * x + 4.5620\text{E-}005$$

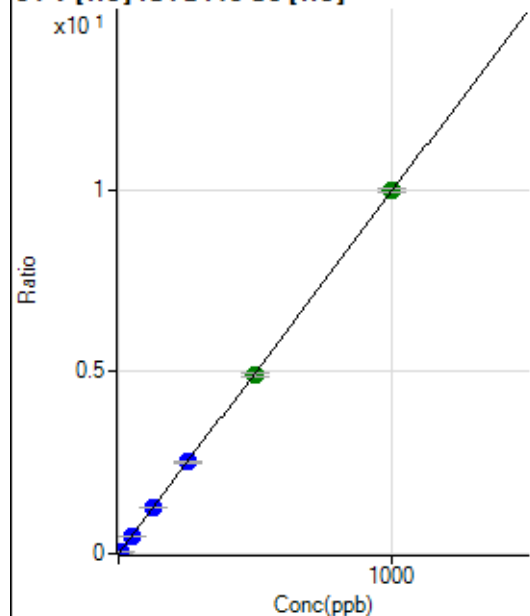
$$R = 0.9998$$

$$DL = 0.1601$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0001	P	13.1
2	☐	5.000	4.799	13853.46	0.0479	P	0.6
3	☐	50.000	49.689	141438.89	0.4950	P	2.3
4	☐	125.000	126.852	349851.90	1.2635	P	0.5
5	☐	250.000	253.910	693682.33	2.5290	P	2.4
6	☐	500.000	493.957	1430229.08	4.9199	A	2.3
7	☐	1000.000	1001.829	2864459.23	9.9782	A	0.9
8	☐			792.25	0.0027	P	5.8

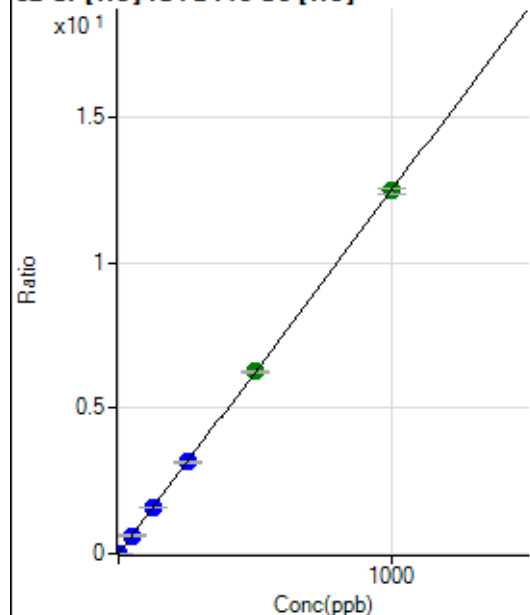
$$y = 0.0100 * x + 1.0117\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.003977$$

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	1021.16	0.0036	P	4.0
2	☐	2.000	1.925	7984.52	0.0276	P	1.4
3	☐	50.000	49.646	178093.28	0.6233	P	2.8
4	☐	125.000	126.826	439342.02	1.5867	P	0.4
5	☐	250.000	252.679	866176.81	3.1578	P	1.9
6	☐	500.000	501.463	1820925.36	6.2633	A	1.1
7	☐	1000.000	998.388	3578631.20	12.4664	A	1.7
8	☐			12517.77	0.0432	P	1.9

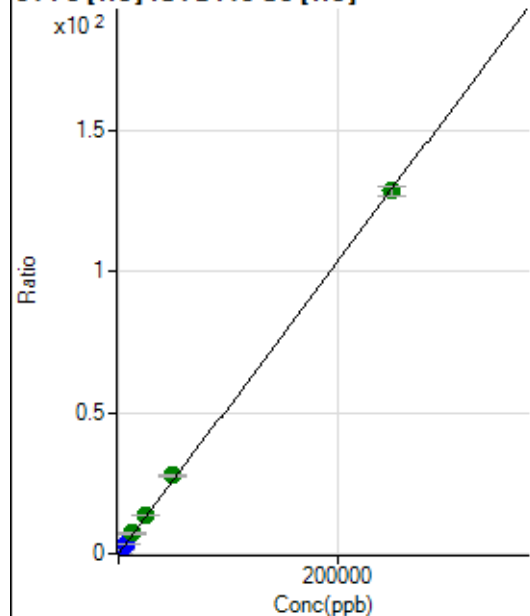
$$y = 0.0125 * x + 0.0036$$

$$R = 1.0000$$

$$DL = 0.03473$$

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	948.20	0.0033	P	10.0
2	☐	50.000	53.356	8928.87	0.0309	P	3.7
3	☐	2500.000	2679.978	396486.51	1.3875	P	1.6
4	☐	6250.000	6876.436	984300.50	3.5549	P	0.8
5	☐	12500.000	14077.372	1995029.92	7.2742	A	3.2
6	☐	25000.000	26603.888	3995501.39	13.7440	A	2.3
7	☐	50000.000	53739.852	7968629.46	27.7595	A	1.4
8	☐	250000.00	248995.31	37266539.26	128.6073	A	2.3

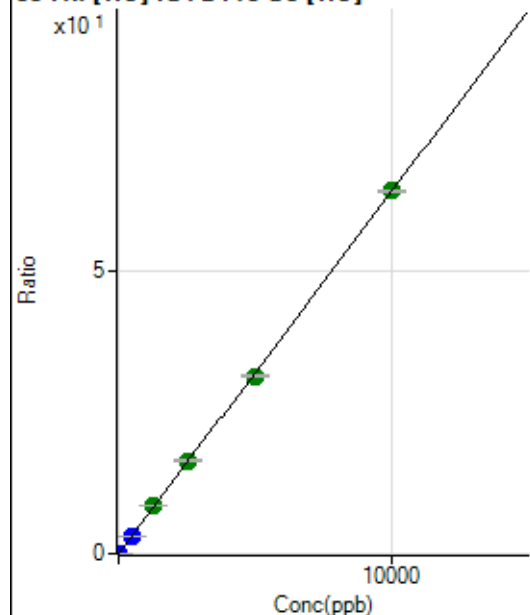
$$y = 5.1649E-004 * x + 0.0033$$

$$R = 0.9999$$

$$DL = 1.933$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	162.60	0.0006	P	28.4
2	☐	1.000	0.890	1811.73	0.0063	P	6.3
3	☐	500.000	496.597	908541.61	3.1794	P	1.3
4	☐	1250.000	1324.134	2346985.19	8.4765	A	0.4
5	☐	2500.000	2570.870	4513950.62	16.4571	A	2.6
6	☐	5000.000	4905.972	9130088.25	31.4044	A	1.2
7	☐	10000.000	10020.200	18413462.70	64.1413	A	0.6
8	☐			26735.78	0.0923	P	2.1

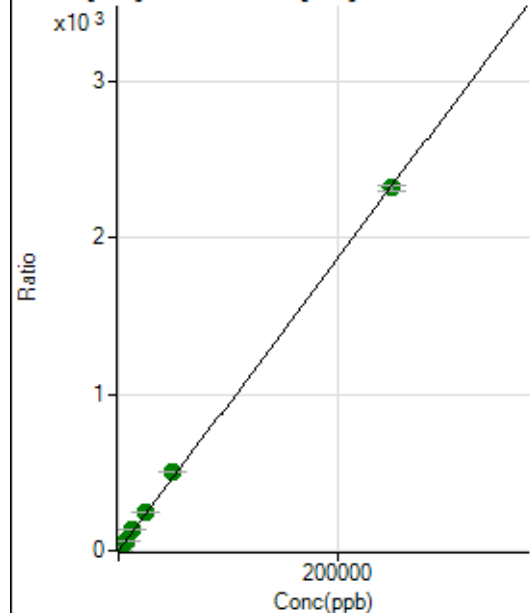
$$y = 0.0064 * x + 5.6985E-004$$

$$R = 0.9999$$

$$DL = 0.07581$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7852.30	0.0275	P	2.3
2	☐	50.000	52.107	148230.37	0.5125	P	0.6
3	☐	2500.000	2758.399	7344689.69	25.7044	A	2.2
4	☐	6250.000	7033.563	18135762.67	65.5002	A	0.3
5	☐	12500.000	13993.010	35738739.69	130.2830	A	1.5
6	☐	25000.000	26636.211	72089036.80	247.9736	A	1.9
7	☐	50000.000	53815.796	143816855.0	500.9778	A	1.1
8	☐	250000.00	248976.39	671608155.7	2,317.651	A	1.6

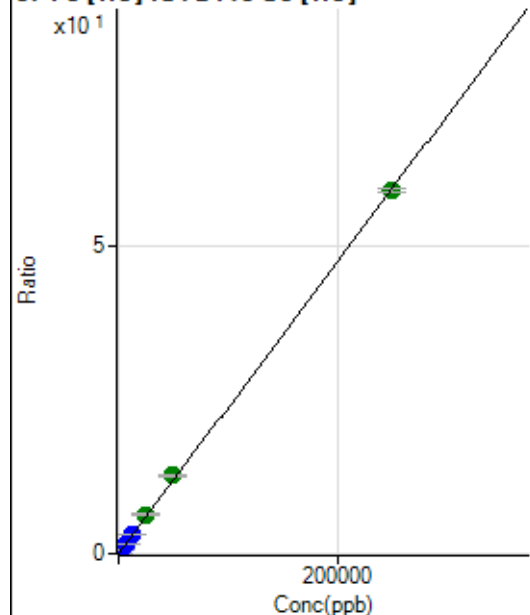
$$y = 0.0093 * x + 0.0275$$

$$R = 0.9999$$

$$DL = 0.2047$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.12	0.0011	P	13.5
2	☐	50.000	50.634	3772.79	0.0130	P	1.5
3	☐	2500.000	2648.117	179004.78	0.6264	P	1.1
4	☐	6250.000	6757.194	442095.63	1.5967	P	0.5
5	☐	12500.000	13502.819	874968.74	3.1896	P	1.3
6	☐	25000.000	26869.354	1844601.18	6.3459	A	3.8
7	☐	50000.000	53522.773	3628635.01	12.6397	A	0.8
8	☐	250000.00	249044.20	17042410.68	58.8091	A	1.1

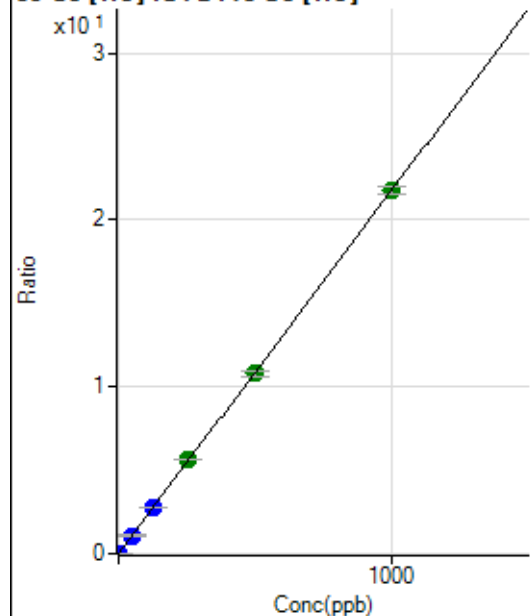
$$y = 2.3613\text{E-}004 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 1.872$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.22	0.0003	P	25.2
2	☐	1.000	0.979	6254.76	0.0216	P	2.4
3	☐	50.000	50.149	311931.38	1.0916	P	2.0
4	☐	125.000	128.897	776744.37	2.8053	P	0.2
5	☐	250.000	259.594	1549708.47	5.6495	A	1.9
6	☐	500.000	496.058	3138098.11	10.7953	A	3.2
7	☐	1000.000	999.078	6240858.03	21.7418	A	2.0
8	☐			14439.64	0.0498	P	1.1

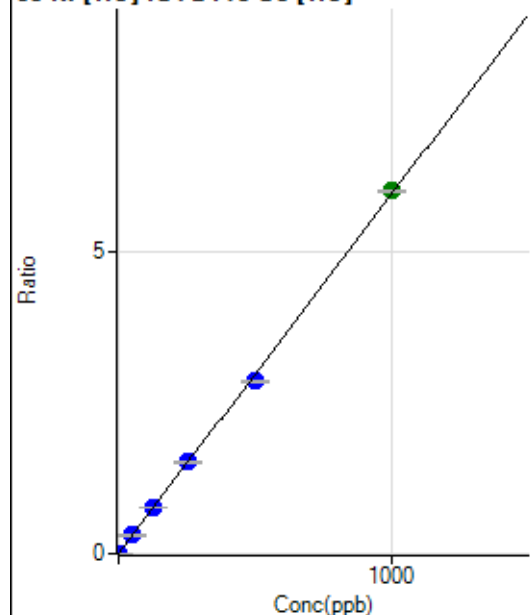
$$y = 0.0218 * x + 3.2296\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.01123$$

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	132.22	0.0005	P	18.8
2	☐	1.000	1.007	1866.81	0.0065	P	2.4
3	☐	50.000	50.845	86577.20	0.3029	P	1.0
4	☐	125.000	126.658	208756.59	0.7540	P	1.3
5	☐	250.000	254.193	414906.29	1.5127	P	2.4
6	☐	500.000	478.943	828460.33	2.8497	P	1.6
7	☐	1000.000	1009.231	1723765.29	6.0044	A	0.6
8	☐			6283.68	0.0217	P	2.6

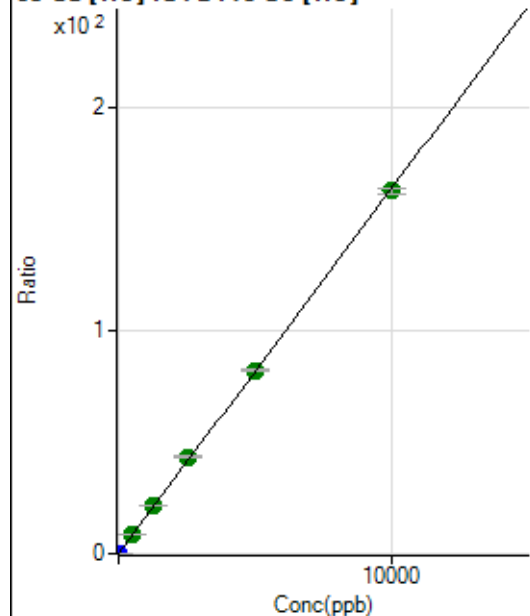
$$y = 0.0059 * x + 4.6295E-004$$

$$R = 0.9997$$

$$DL = 0.04395$$

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	1106.72	0.0039	P	8.0
2	☐	2.000	1.874	9978.05	0.0345	P	1.4
3	☐	500.000	528.919	2471368.10	8.6498	A	3.2
4	☐	1250.000	1337.082	6052797.76	21.8604	A	0.8
5	☐	2500.000	2656.468	11910450.24	43.4276	A	3.3
6	☐	5000.000	5021.028	23863002.14	82.0798	A	1.3
7	☐	10000.000	9938.038	46633455.42	162.4554	A	1.5
8	☐			16485.27	0.0569	P	3.8

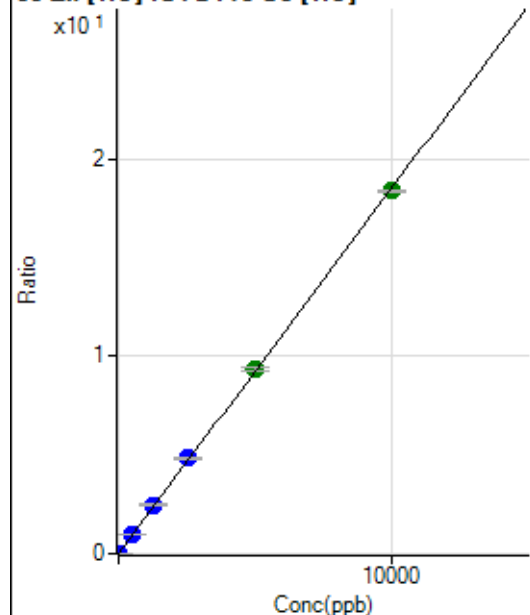
$$y = 0.0163 * x + 0.0039$$

$$R = 0.9998$$

$$DL = 0.05721$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	737.81	0.0026	P	8.6
2	☐	2.000	2.344	2002.38	0.0069	P	0.5
3	☐	500.000	524.834	278340.59	0.9742	P	2.6
4	☐	1250.000	1332.869	683893.92	2.4700	P	1.4
5	☐	2500.000	2606.515	1324200.10	4.8277	P	2.3
6	☐	5000.000	5057.262	2722369.86	9.3645	A	2.1
7	☐	10000.000	9933.140	5279584.05	18.3907	A	0.7
8	☐			10307.17	0.0356	P	1.7

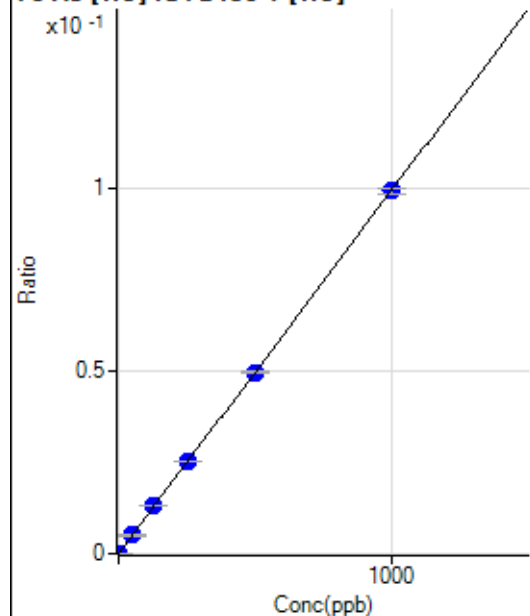
$$y = 0.0019 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 0.3606$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.00	0.0000	P	17.6
2	☐	1.000	0.991	333.37	0.0001	P	2.8
3	☐	50.000	50.497	16233.93	0.0050	P	1.4
4	☐	125.000	130.974	40580.67	0.0130	P	1.2
5	☐	250.000	253.725	80027.64	0.0253	P	1.6
6	☐	500.000	498.538	163072.36	0.0496	P	0.8
7	☐	1000.000	999.028	322279.14	0.0995	P	1.9
8	☐			139.68	0.0000	P	6.4

$$y = 9.9559E-005 * x + 4.6094E-006$$

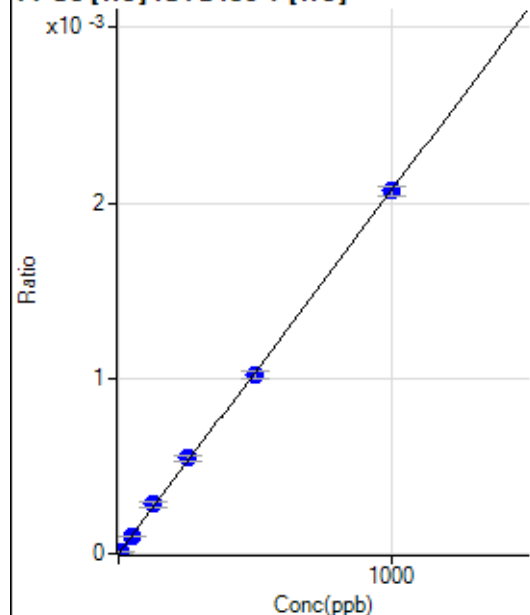
$$R = 1.0000$$

$$DL = 0.02451$$

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	2.22	0.0000	P	173.
2	☐	5.000	5.315	37.78	0.0000	P	8.3
3	☐	50.000	48.762	327.79	0.0001	P	3.5
4	☐	125.000	135.305	874.48	0.0003	P	11.5
5	☐	250.000	262.192	1721.23	0.0005	P	6.0
6	☐	500.000	493.881	3360.44	0.0010	P	4.5
7	☐	1000.000	998.784	6699.43	0.0021	P	2.6
8	☐			5.56	0.0000	P	91.3

$$y = 2.0697E-006 * x + 6.8314E-007$$

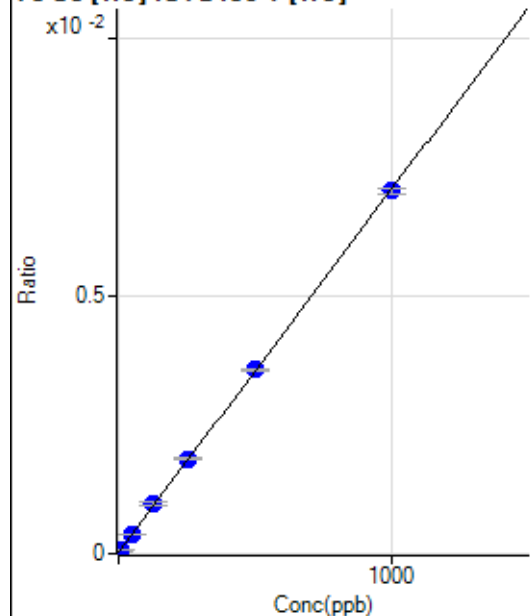
R = 0.9998

DL = 1.715

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	85.34	0.0000	P	10.7
2	☐	5.000	4.598	189.35	0.0001	P	5.7
3	☐	50.000	49.099	1199.84	0.0004	P	4.3
4	☐	125.000	133.929	3014.30	0.0010	P	4.2
5	☐	250.000	257.061	5816.13	0.0018	P	1.5
6	☐	500.000	502.873	11717.72	0.0036	P	0.5
7	☐	1000.000	995.729	22801.34	0.0070	P	1.6
8	☐			110.01	0.0000	P	8.0

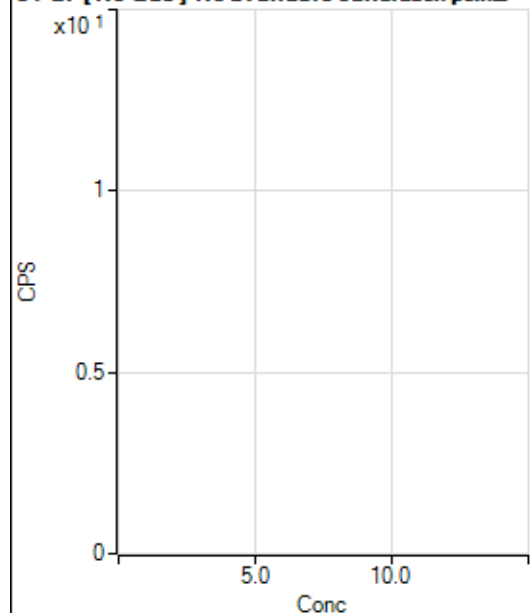
$$y = 7.0407E-006 * x + 2.6227E-005$$

R = 0.9999

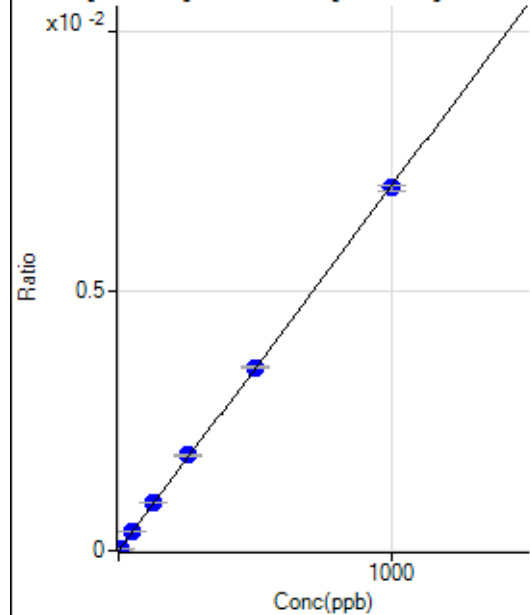
DL = 1.199

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22274.06		P	3.3
2	☐			22160.43		P	1.6
3	☐			21665.77		P	4.9
4	☐			21495.40		P	3.2
5	☐			21047.49		P	1.2
6	☐			22989.35		P	2.7
7	☐			23089.77		P	2.5
8	☐			22538.08		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.21	0.0000	P	925.
2	☐	5.000	5.081	936.31	0.0000	P	2.9
3	☐	50.000	52.707	9369.10	0.0004	P	1.1
4	☐	125.000	132.875	23076.01	0.0009	P	1.5
5	☐	250.000	261.428	45409.31	0.0018	P	1.4
6	☐	500.000	502.849	91917.12	0.0035	P	1.7
7	☐	1000.000	994.598	184429.08	0.0070	P	1.4
8	☐			161.11	0.0000	P	25.0

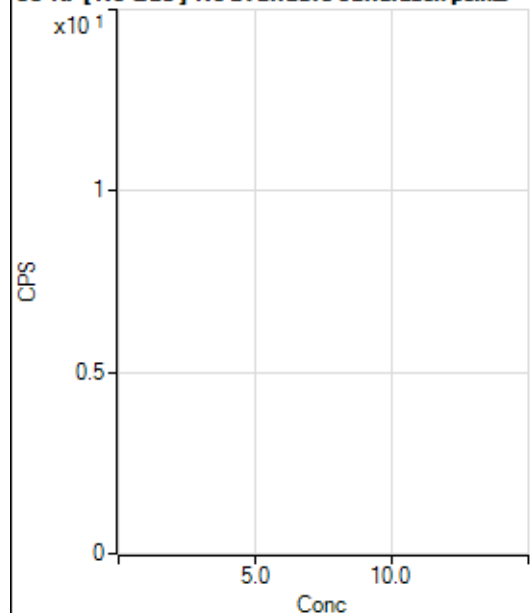
$$y = 7.0210\text{E-}006 * x + 2.3972\text{E-}007$$

$$R = 0.9999$$

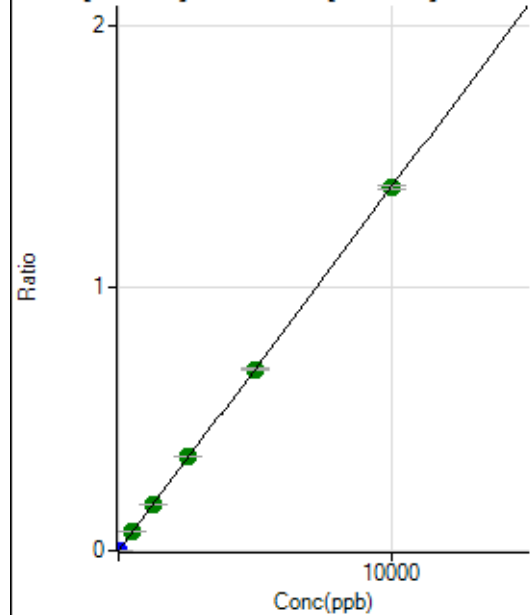
$$DL = 0.9477$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			973.38		P	5.5
2	☐			998.94		P	2.0
3	☐			1001.16		P	5.9
4	☐			990.04		P	7.0
5	☐			997.83		P	5.7
6	☐			1008.94		P	4.2
7	☐			1006.71		P	10.8
8	☐			1030.05		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1572.35	0.0001	P	1.6
2	☐	1.000	1.098	5629.08	0.0002	P	3.2
3	☐	500.000	512.628	1797412.04	0.0710	A	2.2
4	☐	1250.000	1284.895	4401632.96	0.1780	A	0.6
5	☐	2500.000	2592.799	8881851.41	0.3591	A	1.7
6	☐	5000.000	4992.929	17999617.24	0.6914	A	1.2
7	☐	10000.000	9975.342	36478761.92	1.3812	A	1.2
8	☐			30311.17	0.0012	P	0.8

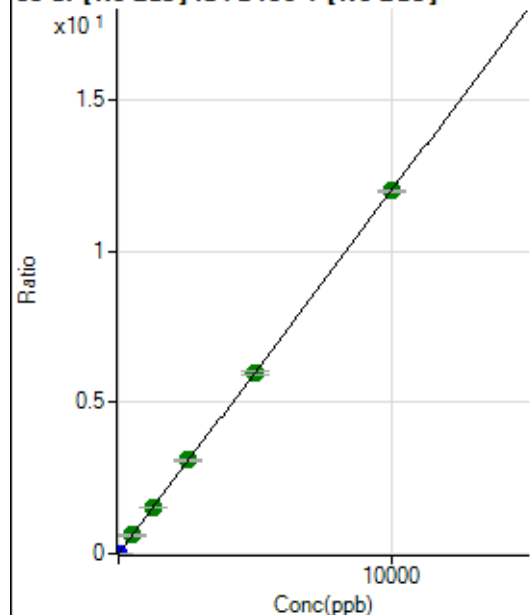
$$y = 1.3846E-004 * x + 6.3841E-005$$

$$R = 1.0000$$

$$DL = 0.02226$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	805.60	0.0000	P	4.7
2	☐	1.000	1.057	33950.41	0.0013	P	3.5
3	☐	500.000	506.052	15377522.57	0.6078	A	1.5
4	☐	1250.000	1275.579	37887324.80	1.5319	A	1.7
5	☐	2500.000	2579.564	76634284.35	3.0980	A	1.2
6	☐	5000.000	4970.930	155400767.3	5.9699	A	2.6
7	☐	10000.000	9991.144	316913370.9	11.9989	A	0.7
8	☐			250338.75	0.0099	P	1.4

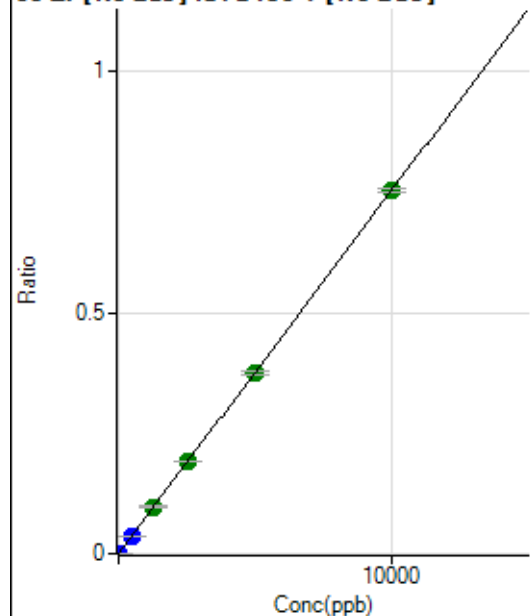
$$y = 0.0012 * x + 3.2716E-005$$

$$R = 1.0000$$

$$DL = 0.003871$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1044.52	0.0000	P	9.6
2	☐	1.000	9.127	19019.03	0.0007	P	3.4
3	☐	500.000	496.731	947348.73	0.0374	P	0.2
4	☐	1250.000	1288.606	2400293.09	0.0971	A	1.9
5	☐	2500.000	2542.836	4737209.92	0.1915	A	0.3
6	☐	5000.000	4982.635	9766874.87	0.3752	A	2.1
7	☐	10000.000	9993.311	19873426.83	0.7524	A	0.9
8	☐			11591.27	0.0005	P	1.6

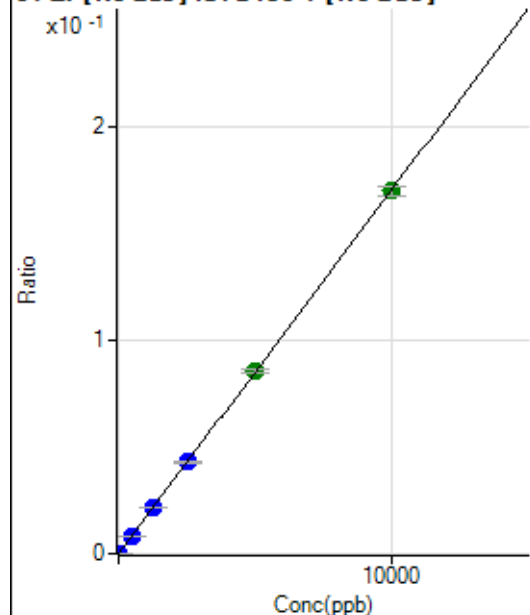
$$y = 7.5290E-005 * x + 4.2409E-005$$

$$R = 1.0000$$

$$DL = 0.1622$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	21.7
2	☐	1.000	8.203	3839.52	0.0001	P	6.6
3	☐	500.000	497.753	214201.40	0.0085	P	0.6
4	☐	1250.000	1266.512	532401.89	0.0215	P	1.1
5	☐	2500.000	2528.301	1062815.51	0.0430	P	2.1
6	☐	5000.000	5020.776	2221142.74	0.0853	A	2.0
7	☐	10000.000	9980.584	4478640.64	0.1696	A	2.9
8	☐			2742.01	0.0001	P	3.2

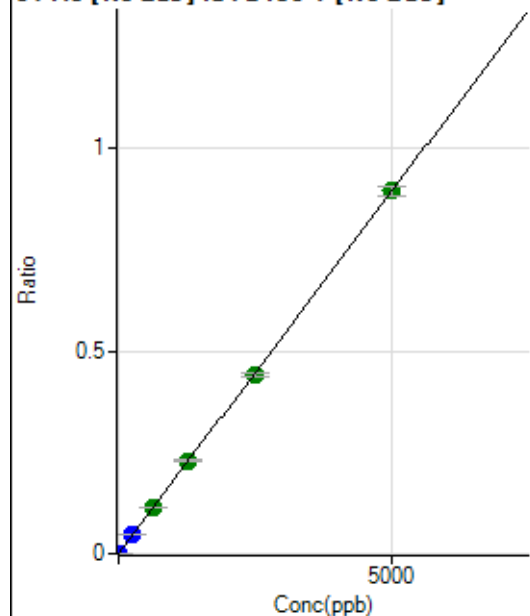
$$y = 1.6992\text{E-}005 * x + 7.9421\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.3038$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	366.68	0.0000	P	25.8
2	☐	5.000	4.706	22310.21	0.0009	P	2.5
3	☐	250.000	254.468	1150869.97	0.0455	P	0.9
4	☐	625.000	644.338	2847724.15	0.1152	A	1.3
5	☐	1250.000	1283.362	5672646.65	0.2293	A	1.9
6	☐	2500.000	2459.894	11442670.22	0.4396	A	2.3
7	☐	5000.000	5009.072	23636700.70	0.8951	A	2.3
8	☐			10148.44	0.0004	P	2.7

$$y = 1.7869\text{E-}004 * x + 1.4764\text{E-}005$$

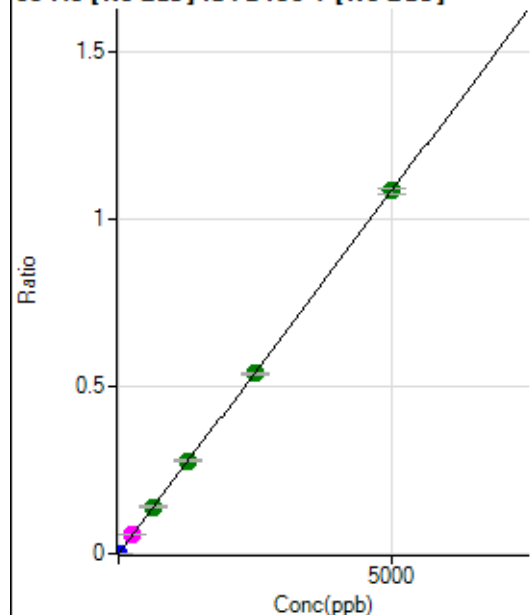
$$R = 0.9999$$

$$DL = 0.06395$$

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	97.23	0.0000	P	9.7
2	☐	5.000	4.699	26670.62	0.0010	P	3.4
3	☐	250.000	254.443	1396424.06	0.0552	M	0.7
4	☐	625.000	645.954	3464580.11	0.1401	A	1.6
5	☐	1250.000	1275.271	6841615.08	0.2766	A	1.7
6	☐	2500.000	2480.977	14009437.64	0.5381	A	0.9
7	☐	5000.000	5000.352	28640557.24	1.0845	A	1.8
8	☐			9028.17	0.0004	P	3.2

$$y = 2.1689E-004 * x + 3.9374E-006$$

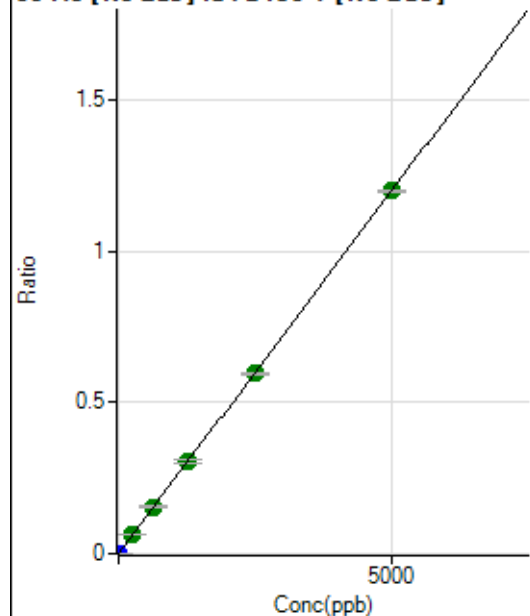
$$R = 1.0000$$

$$DL = 0.005256$$

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	280.57	0.0000	P	3.3
2	☐	5.000	4.739	29960.73	0.0011	P	3.2
3	☐	250.000	257.570	1564905.83	0.0619	A	2.5
4	☐	625.000	643.008	3817707.46	0.1544	A	2.2
5	☐	1250.000	1271.688	7551880.99	0.3053	A	2.3
6	☐	2500.000	2483.178	15521031.77	0.5962	A	1.6
7	☐	5000.000	5000.360	31707975.36	1.2005	A	0.7
8	☐			21659.16	0.0009	P	2.3

$$y = 2.4009E-004 * x + 1.1384E-005$$

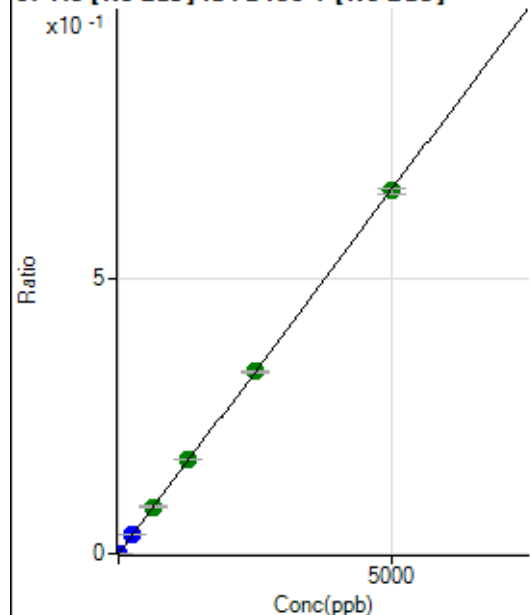
$$R = 1.0000$$

$$DL = 0.004736$$

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	75.00	0.0000	P	21.1
2	☐	5.000	4.960	17202.78	0.0007	P	1.6
3	☐	250.000	253.200	848195.75	0.0335	P	1.3
4	☐	625.000	646.313	2115768.75	0.0856	A	2.7
5	☐	1250.000	1295.176	4241848.10	0.1715	A	0.3
6	☐	2500.000	2500.206	8617306.70	0.3310	A	1.3
7	☐	5000.000	4985.779	17432716.54	0.6601	A	1.3
8	☐			5637.44	0.0002	P	8.4

$$y = 1.3239E-004 * x + 3.0540E-006$$

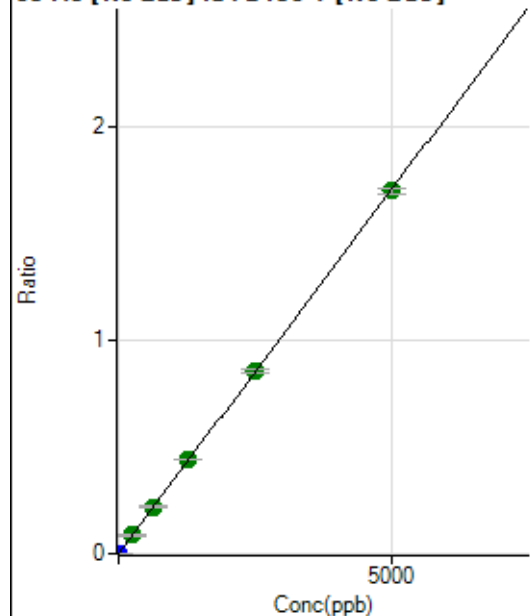
$$R = 1.0000$$

$$DL = 0.01462$$

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	175.01	0.0000	P	30.8
2	☐	5.000	4.749	42449.17	0.0016	P	3.6
3	☐	250.000	251.297	2170693.67	0.0858	A	2.7
4	☐	625.000	643.032	5427863.10	0.2195	A	3.5
5	☐	1250.000	1288.408	10881110.40	0.4399	A	0.6
6	☐	2500.000	2510.078	22309820.12	0.8569	A	1.5
7	☐	5000.000	4983.041	44927525.66	1.7012	A	1.4
8	☐			13387.41	0.0005	P	1.6

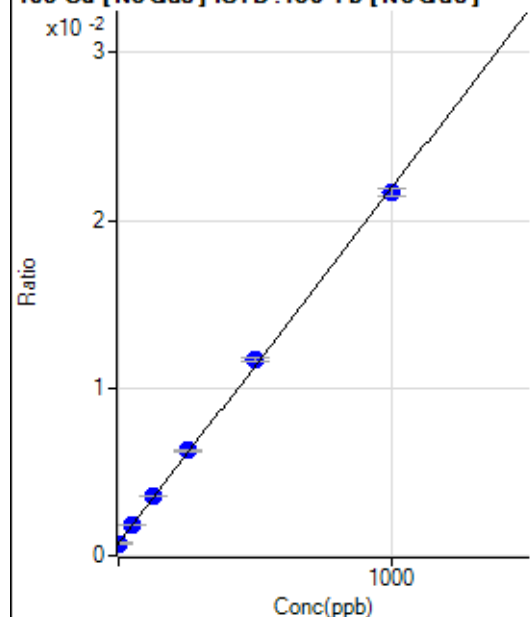
$$y = 3.4139E-004 * x + 7.0567E-006$$

$$R = 1.0000$$

$$DL = 0.01907$$

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	8463.96	0.0007	P	1.9
2	☐	1.000	-0.428	8569.56	0.0007	P	4.4
3	☐	50.000	49.858	20971.96	0.0018	P	2.1
4	☐	125.000	132.396	40853.03	0.0035	P	1.6
5	☐	250.000	261.400	72813.02	0.0063	P	1.9
6	☐	500.000	518.652	141977.86	0.0117	P	1.6
7	☐	1000.000	986.908	273026.37	0.0216	P	2.2
8	☐			6754.62	0.0006	P	3.0

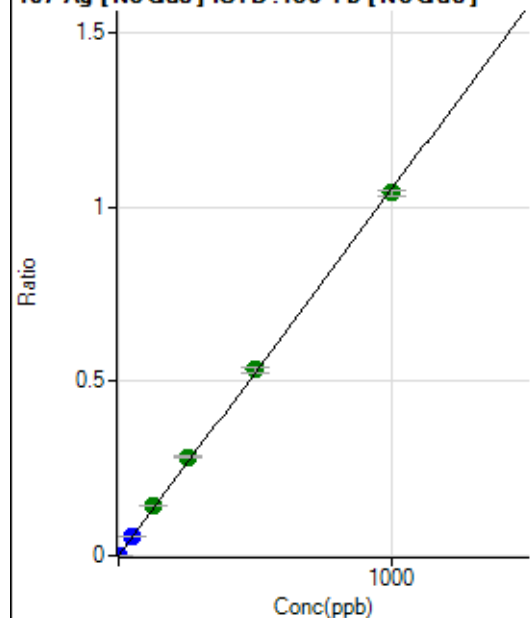
$$y = 2.1163\text{E-}005 * x + 7.4044\text{E-}004$$

$$R = 0.9996$$

$$DL = 2.016$$

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	227.79	0.0000	P	13.9
2	☐	1.000	0.960	12058.38	0.0010	P	4.8
3	☐	50.000	52.599	646155.15	0.0554	P	2.4
4	☐	125.000	136.458	1655752.99	0.1436	A	1.7
5	☐	250.000	268.048	3273479.91	0.2820	A	2.0
6	☐	500.000	507.035	6463225.19	0.5334	A	2.6
7	☐	1000.000	990.408	13154391.09	1.0419	A	1.8
8	☐			2761.47	0.0002	P	1.5

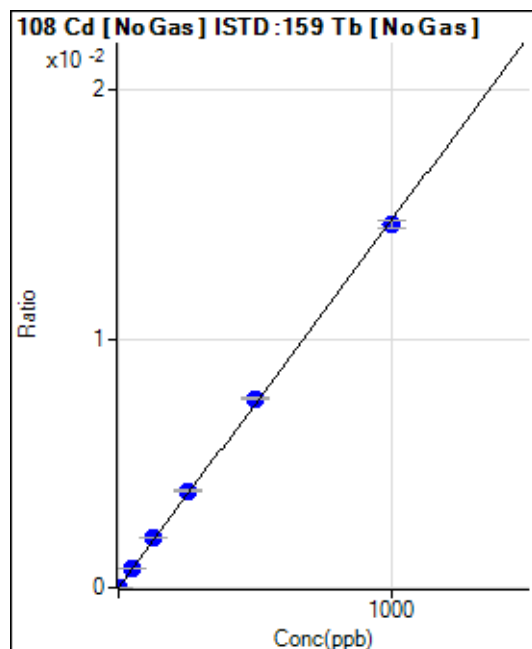
$$y = 0.0011 * x + 1.9801\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.007865$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	37.2
2	☐	1.000	0.962	229.17	0.0000	P	25.2
3	☐	50.000	54.256	9408.87	0.0008	P	0.4
4	☐	125.000	135.784	23164.00	0.0020	P	1.3
5	☐	250.000	263.193	45130.60	0.0039	P	1.7
6	☐	500.000	514.853	92092.79	0.0076	P	1.4
7	☐	1000.000	987.714	184003.02	0.0146	P	2.0
8	☐			176.39	0.0000	P	19.2

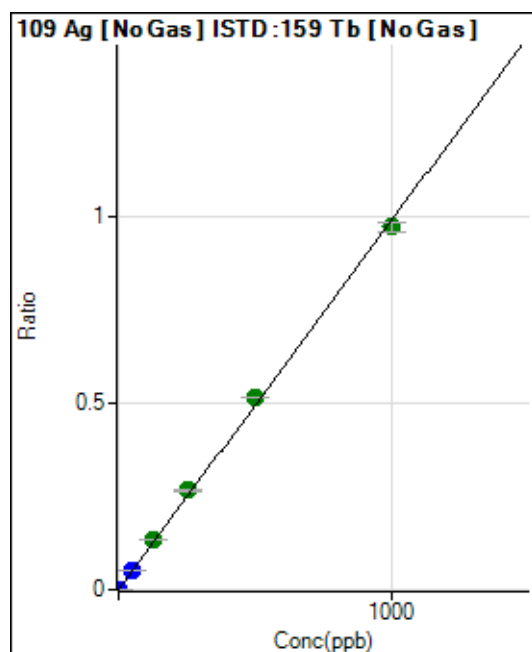
$$y = 1.4750\text{E-}005 * x + 5.4310\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.4106$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	39.5
2	☐	1.000	0.994	11710.89	0.0010	P	4.0
3	☐	50.000	53.181	615838.70	0.0528	P	2.4
4	☐	125.000	136.249	1558476.25	0.1351	A	2.1
5	☐	250.000	268.809	3094700.44	0.2666	A	2.4
6	☐	500.000	521.674	6269913.90	0.5174	A	0.5
7	☐	1000.000	982.895	12307565.81	0.9748	A	2.5
8	☐			2455.84	0.0002	P	8.3

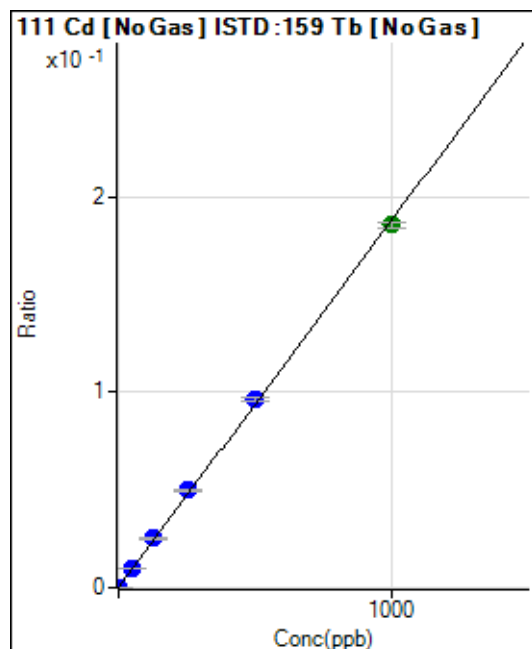
$$y = 9.9174\text{E-}004 * x + 1.3982\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.01669$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	859.17	0.0001	P	1.8
2	☐	1.000	0.985	3045.38	0.0003	P	6.8
3	☐	50.000	53.125	117380.21	0.0101	P	1.5
4	☐	125.000	134.030	291220.80	0.0253	P	1.8
5	☐	250.000	265.260	579339.70	0.0499	P	1.9
6	☐	500.000	513.536	1169825.10	0.0965	P	1.4
7	☐	1000.000	988.132	2344508.02	0.1857	A	1.3
8	☐			1464.53	0.0001	P	3.7

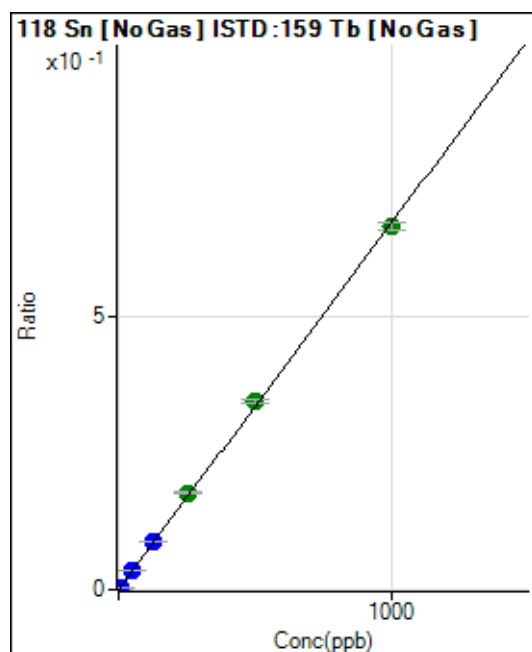
$$y = 1.8784\text{E-}004 * x + 7.5175\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.0216$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2692.01	0.0002	P	7.5
2	☐	5.000	4.893	41148.84	0.0035	P	1.7
3	☐	50.000	51.860	408004.42	0.0350	P	3.3
4	☐	125.000	130.964	1013911.73	0.0879	P	1.2
5	☐	250.000	262.151	2040163.72	0.1757	A	1.8
6	☐	500.000	514.357	4175874.23	0.3446	A	1.7
7	☐	1000.000	988.946	8361617.72	0.6623	A	2.1
8	☐			4653.72	0.0004	P	5.8

$$y = 6.6949\text{E-}004 * x + 2.3603\text{E-}004$$

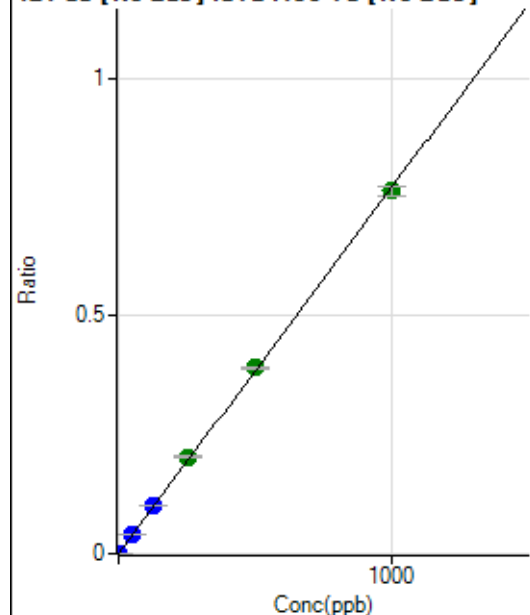
$$R = 0.9998$$

$$DL = 0.0796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	18.0
2	☐	2.000	1.907	17269.75	0.0015	P	2.9
3	☐	50.000	50.894	457372.01	0.0392	P	2.4
4	☐	125.000	130.132	1155250.65	0.1002	P	1.6
5	☐	250.000	264.372	2362105.02	0.2035	A	3.1
6	☐	500.000	508.583	4743766.73	0.3915	A	1.4
7	☐	1000.000	991.430	9633323.13	0.7631	A	2.8
8	☐			4375.85	0.0004	P	6.6

$$y = 7.6972E-004 * x + 6.6143E-006$$

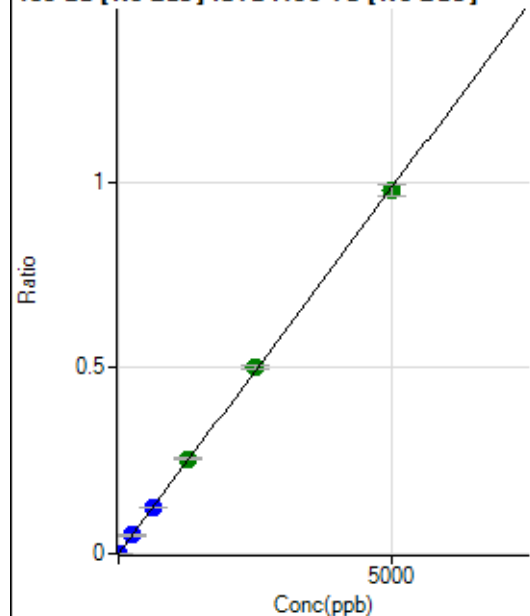
$$R = 0.9998$$

$$DL = 0.004639$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	66.1
2	☐	10.000	9.619	22224.27	0.0019	P	3.4
3	☐	250.000	252.466	580375.49	0.0497	P	2.2
4	☐	625.000	631.218	1433404.30	0.1243	P	2.3
5	☐	1250.000	1299.680	2970810.46	0.2559	A	2.1
6	☐	2500.000	2553.182	6092149.70	0.5027	A	1.6
7	☐	5000.000	4960.089	12328919.63	0.9767	A	3.0
8	☐			5754.17	0.0005	P	1.8

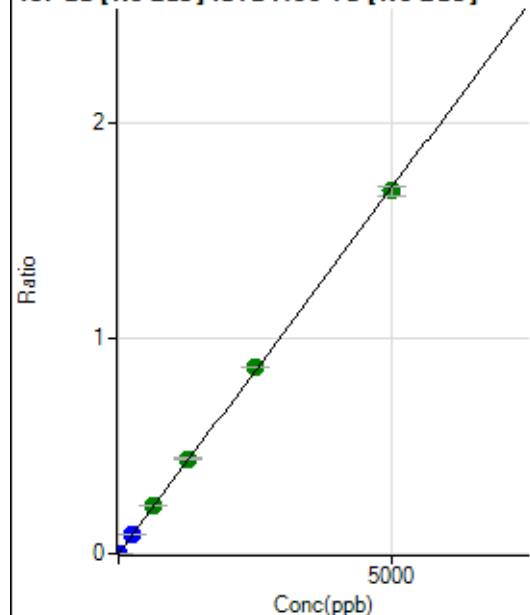
$$y = 1.9691E-004 * x + 3.7498E-006$$

$$R = 0.9999$$

$$DL = 0.03776$$

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	66.67	0.0000	P	50.8
2	☐	10.000	9.908	39547.40	0.0034	P	5.3
3	☐	250.000	256.388	1018847.23	0.0873	P	2.0
4	☐	625.000	650.444	2553494.05	0.2214	A	0.9
5	☐	1250.000	1296.845	5124432.75	0.4414	A	1.3
6	☐	2500.000	2551.062	10522849.20	0.8683	A	0.5
7	☐	5000.000	4959.258	21309518.18	1.6880	A	2.6
8	☐			10496.00	0.0009	P	3.5

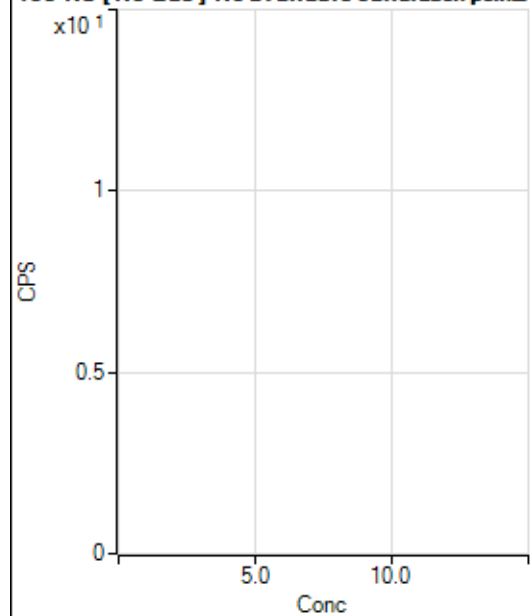
$$y = 3.4038E-004 * x + 5.6992E-006$$

$$R = 0.9999$$

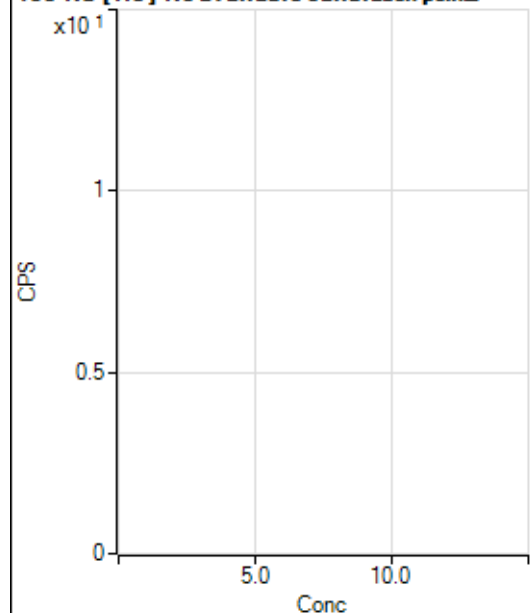
$$DL = 0.02553$$

Weight: <None>

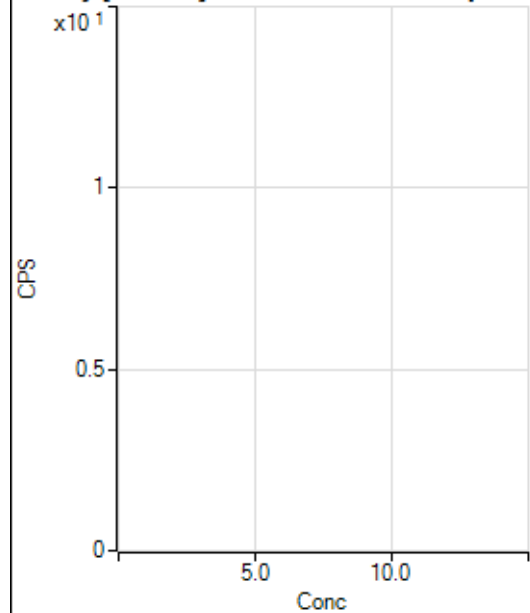
Min Conc: 0

150 Nd [No Gas] No available calibration points

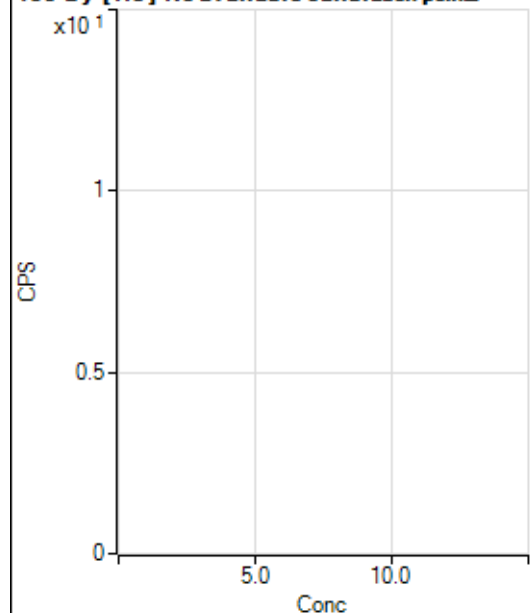
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	43.3
2	☐			6.67		P	100.
3	☐			42.22		P	39.7
4	☐			77.78		P	30.1
5	☐			155.56		P	17.3
6	☐			251.12		P	10.7
7	☐			466.69		P	27.6
8	☐			97.78		P	3.9

150 Nd [He] No available calibration points

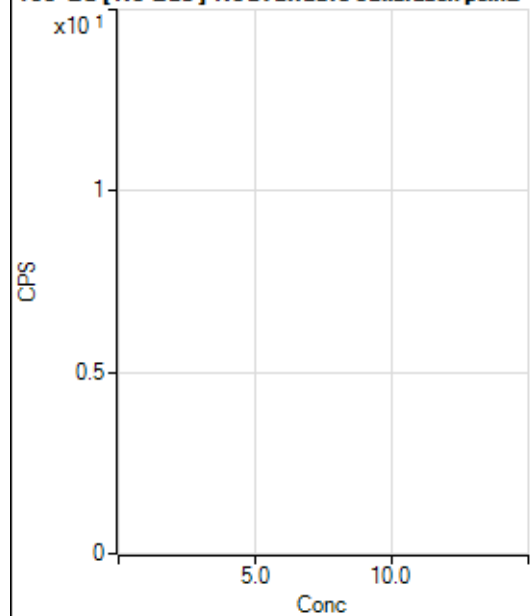
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			5.55		P	69.3
4	☐			4.44		P	43.4
5	☐			7.78		P	107.
6	☐			26.67		P	54.5
7	☐			47.78		P	10.7
8	☐			34.44		P	40.3

156 Dy [No Gas] No available calibration points

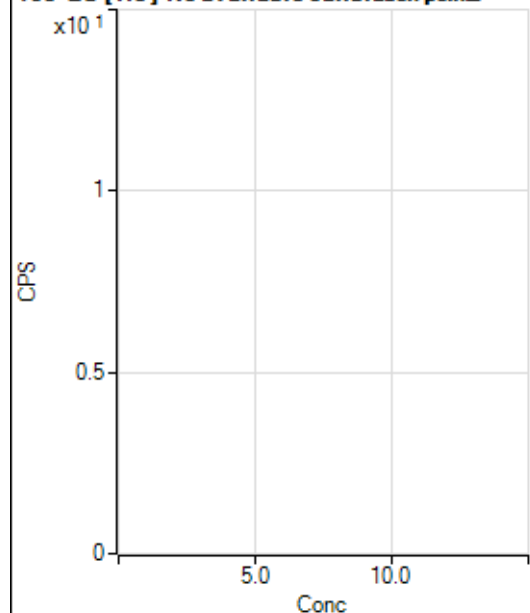
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐			8.33		P	100.
3	☐			27.78		P	45.8
4	☐			88.89		P	5.4
5	☐			119.45		P	46.5
6	☐			241.68		P	6.0
7	☐			425.02		P	16.8
8	☐			1600.15		P	2.6

156 Dy [He] No available calibration points

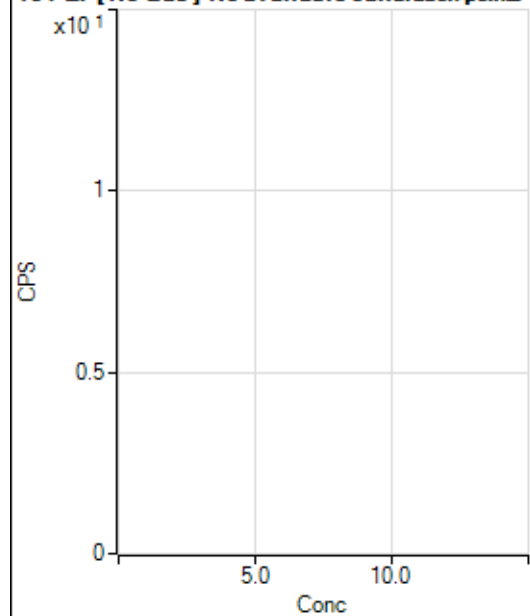
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			0.00		P	
3	☐			17.78		P	57.3
4	☐			32.22		P	12.0
5	☐			58.89		P	19.9
6	☐			98.89		P	24.4
7	☐			196.67		P	14.8
8	☐			745.58		P	5.6

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

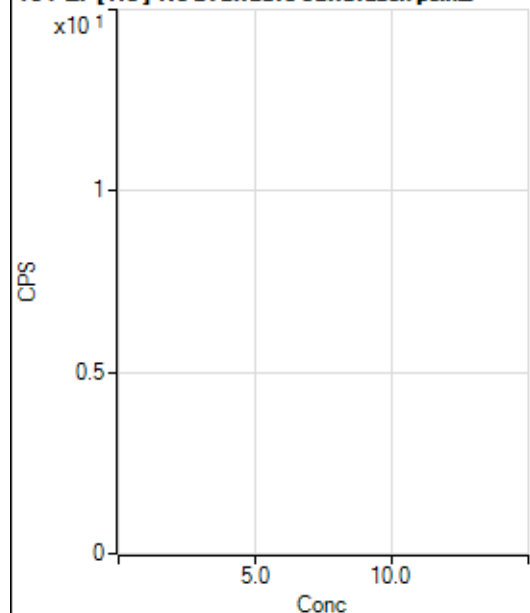
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			141.67		P	23.5
2	☐			141.67		P	30.6
3	☐			152.78		P	31.0
4	☐			116.67		P	14.3
5	☐			183.34		P	12.0
6	☐			280.57		P	6.2
7	☐			419.46		P	17.4
8	☐			1614.03		P	8.4

160 Gd [He] No available calibration points

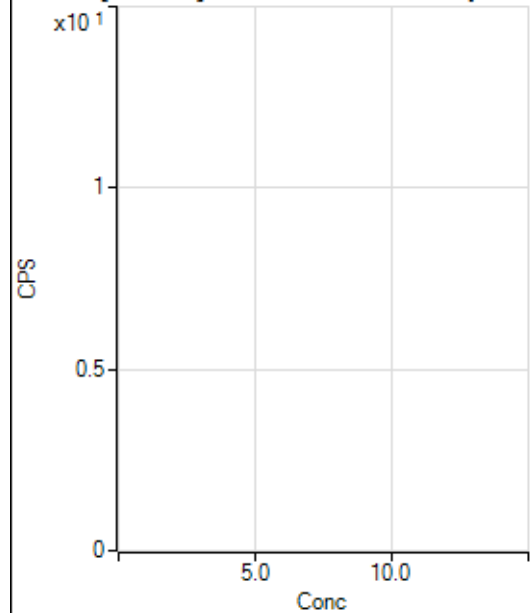
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	12.8
2	☐			66.67		P	36.1
3	☐			107.78		P	12.9
4	☐			91.11		P	4.2
5	☐			131.11		P	5.3
6	☐			166.67		P	6.9
7	☐			223.34		P	10.4
8	☐			877.82		P	2.2

164 Er [No Gas] No available calibration points

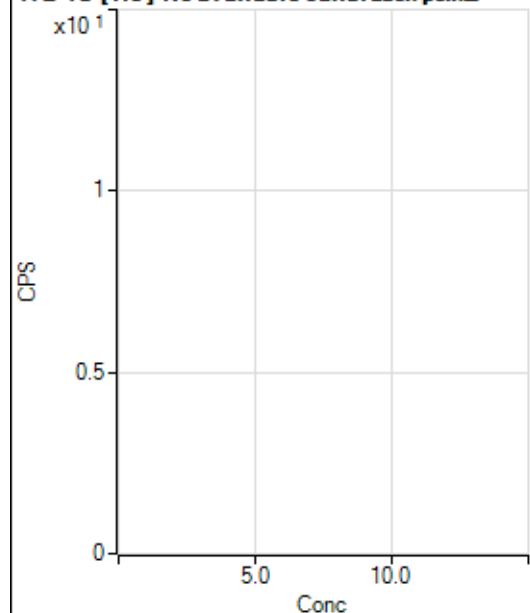
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	64.3
2	☐			69.45		P	36.7
3	☐			63.89		P	39.8
4	☐			100.00		P	28.9
5	☐			105.56		P	4.6
6	☐			91.67		P	48.1
7	☐			119.45		P	34.4
8	☐			308.35		P	10.8

164 Er [He] No available calibration points

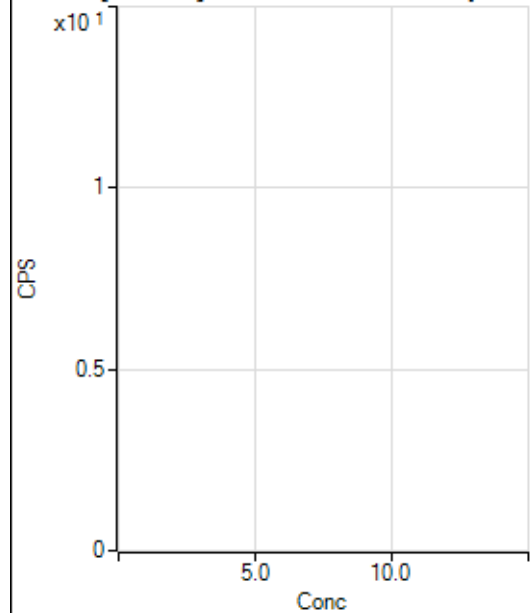
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	17.8
2	☐			24.44		P	47.9
3	☐			32.22		P	33.3
4	☐			31.11		P	24.7
5	☐			41.11		P	40.8
6	☐			37.78		P	33.4
7	☐			57.78		P	14.5
8	☐			145.56		P	3.5

172 Yb [No Gas] No available calibration points

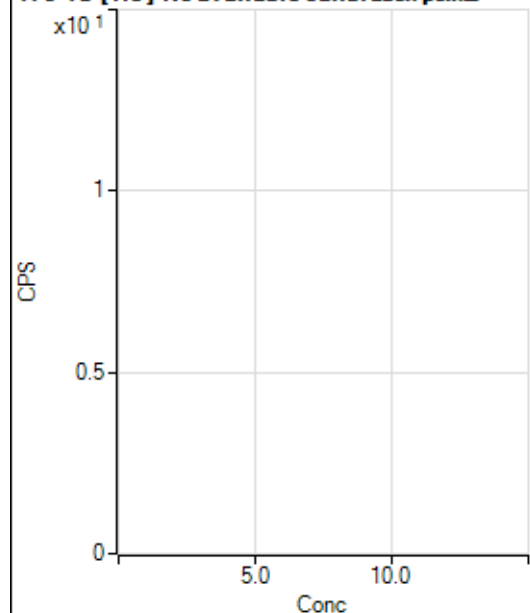
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐			38.89		P	32.7
3	☐			33.34		P	43.3
4	☐			16.67		P	86.6
5	☐			44.45		P	47.2
6	☐			44.45		P	47.2
7	☐			50.00		P	16.7
8	☐			169.45		P	30.1

172 Yb [He] No available calibration points

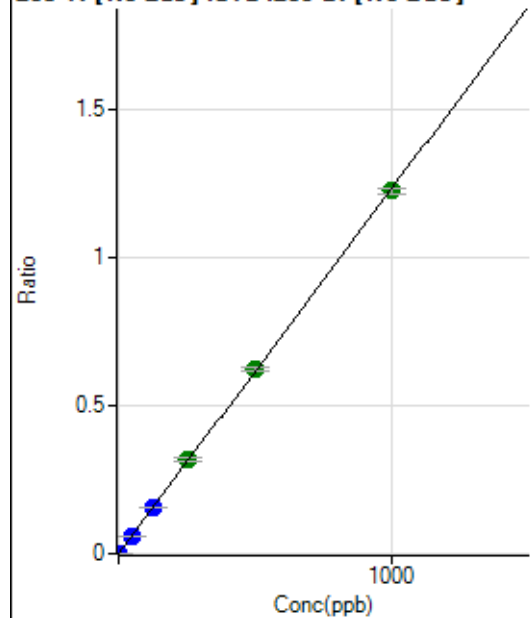
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	50.0
2	☐			18.52		P	17.3
3	☐			14.82		P	57.3
4	☐			20.37		P	15.7
5	☐			14.82		P	57.3
6	☐			14.82		P	57.3
7	☐			31.48		P	44.4
8	☐			105.56		P	27.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1939.09		P	6.9
2	☐			2002.98		P	1.3
3	☐			3425.55		P	4.2
4	☐			6037.62		P	3.5
5	☐			10173.69		P	6.3
6	☐			18432.76		P	1.5
7	☐			35804.85		P	0.4
8	☐			1600.14		P	5.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4476.76		P	2.9
2	☐			3900.65		P	3.3
3	☐			4539.77		P	5.1
4	☐			5745.80		P	5.2
5	☐			7934.02		P	5.2
6	☐			12435.65		P	3.0
7	☐			21232.14		P	1.4
8	☐			4541.61		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	619.48	0.0001	P	6.3
2	☐	1.000	0.901	7961.01	0.0012	P	4.1
3	☐	50.000	48.404	382405.28	0.0596	P	2.0
4	☐	125.000	124.756	961329.67	0.1535	P	0.7
5	☐	250.000	259.613	2007070.40	0.3194	A	4.6
6	☐	500.000	506.179	4021381.73	0.6227	A	1.1
7	☐	1000.000	994.618	8057791.15	1.2234	A	1.7
8	☐			1950.21	0.0003	P	3.9

$$y = 0.0012 * x + 9.9595E-005$$

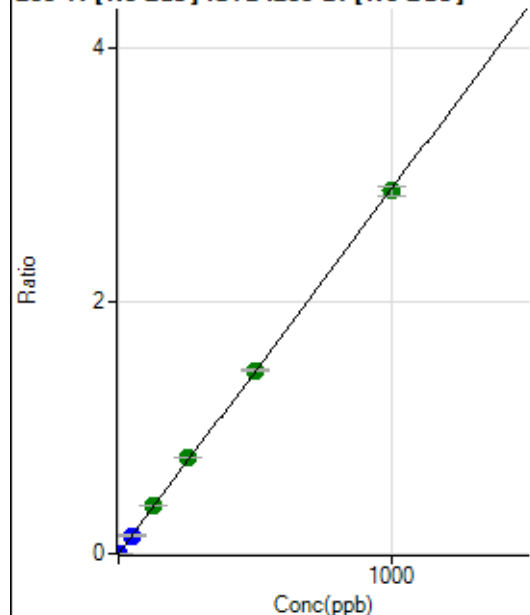
$$R = 0.9999$$

$$DL = 0.01529$$

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	1452.91	0.0002	P	6.7
2	☐	1.000	0.900	18649.98	0.0028	P	5.3
3	☐	50.000	49.858	923278.23	0.1440	P	4.3
4	☐	125.000	129.951	2348063.44	0.3750	A	0.4
5	☐	250.000	262.537	4761432.48	0.7574	A	0.9
6	☐	500.000	502.836	9367605.76	1.4505	A	1.0
7	☐	1000.000	994.836	18898939.31	2.8695	A	2.3
8	☐			5065.02	0.0009	P	6.0

$$y = 0.0029 * x + 2.3395E-004$$

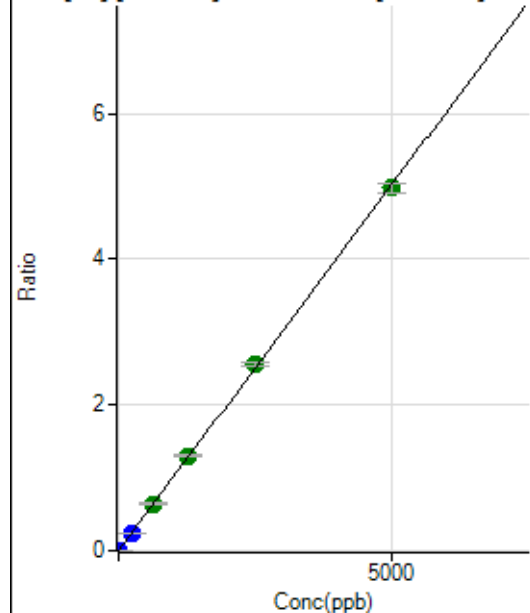
$$R = 0.9999$$

$$DL = 0.01625$$

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	1972.42	0.0003	P	8.4
2	☐	1.000	0.877	7898.83	0.0012	P	4.4
3	☐	250.000	239.048	1539437.94	0.2402	P	4.3
4	☐	625.000	643.836	4046101.68	0.6463	A	1.6
5	☐	1250.000	1297.013	8181174.49	1.3016	A	1.8
6	☐	2500.000	2551.172	16531706.85	2.5599	A	2.0
7	☐	5000.000	4960.854	32781431.06	4.9775	A	2.6
8	☐			14106.10	0.0024	P	1.3

$$y = 0.0010 * x + 3.1905E-004$$

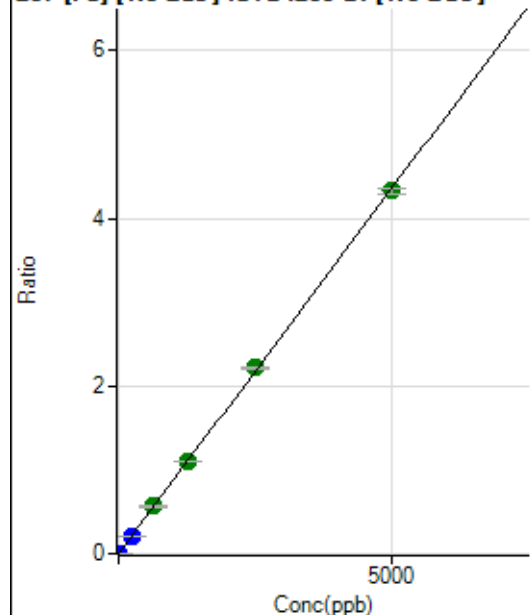
$$R = 0.9999$$

$$DL = 0.07995$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1672.36	0.0003	P	13.6
2	☐	1.000	0.881	6842.68	0.0010	P	4.2
3	☐	250.000	240.599	1344414.83	0.2097	P	2.2
4	☐	625.000	650.022	3543383.62	0.5660	A	2.8
5	☐	1250.000	1269.931	6949138.58	1.1055	A	1.0
6	☐	2500.000	2543.632	14297880.76	2.2140	A	1.6
7	☐	5000.000	4970.544	28492432.35	4.3261	A	1.8
8	☐			11868.62	0.0021	P	0.9

$$y = 8.7030E-004 * x + 2.7116E-004$$

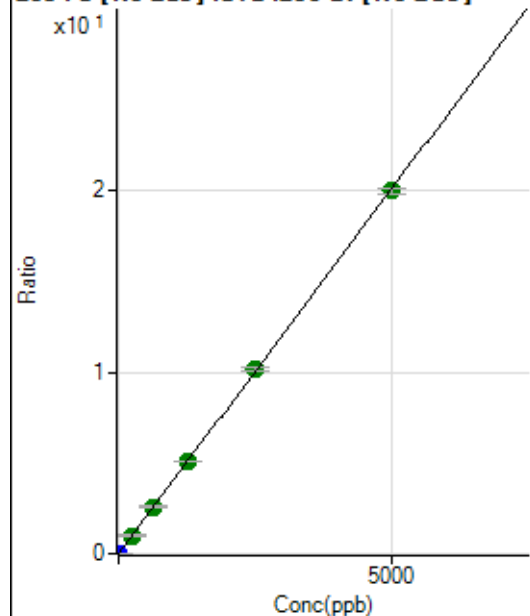
$$R = 0.9999$$

$$DL = 0.1271$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7721.43	0.0012	P	9.1
2	☐	1.000	0.891	31816.00	0.0048	P	2.8
3	☐	250.000	248.007	6396643.18	0.9976	A	2.2
4	☐	625.000	644.328	16213082.71	2.5897	A	1.8
5	☐	1250.000	1273.745	32175487.06	5.1182	A	0.5
6	☐	2500.000	2534.206	65753121.26	10.1818	A	1.8
7	☐	5000.000	4974.645	131631832.5	19.9857	A	1.3
8	☐			55783.46	0.0097	P	0.2

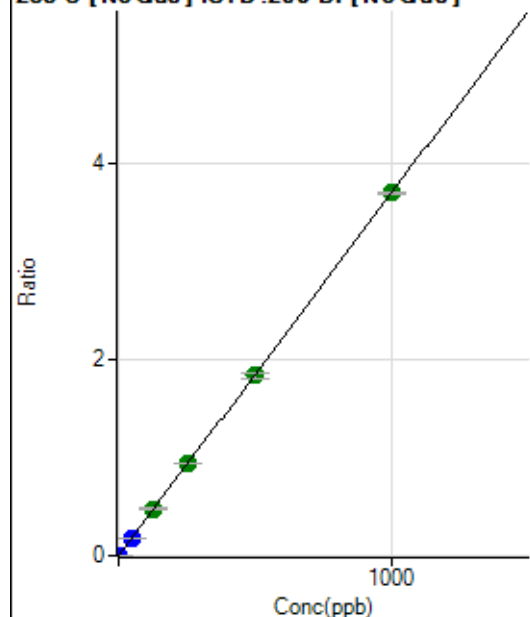
$$y = 0.0040 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.08454$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	63.8
2	☐	1.000	0.896	21888.83	0.0033	P	1.8
3	☐	50.000	48.529	1150900.28	0.1795	P	2.6
4	☐	125.000	129.234	2992596.94	0.4780	A	1.6
5	☐	250.000	254.940	5927470.10	0.9429	A	0.9
6	☐	500.000	496.567	11861799.22	1.8366	A	2.6
7	☐	1000.000	1000.026	24362670.34	3.6987	A	0.6
8	☐			4400.90	0.0008	P	2.7

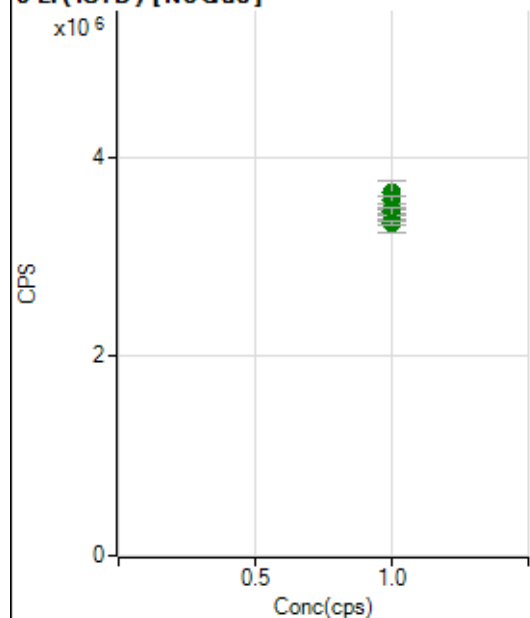
$$y = 0.0037 * x + 4.0257E-006$$

$$R = 1.0000$$

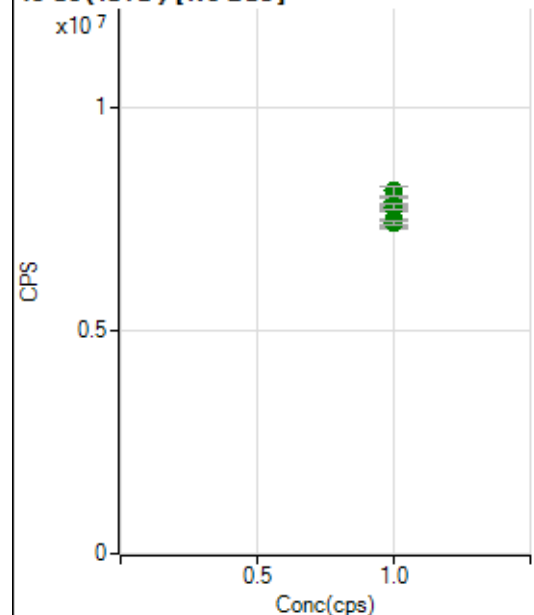
$$DL = 0.002083$$

Weight: <None>

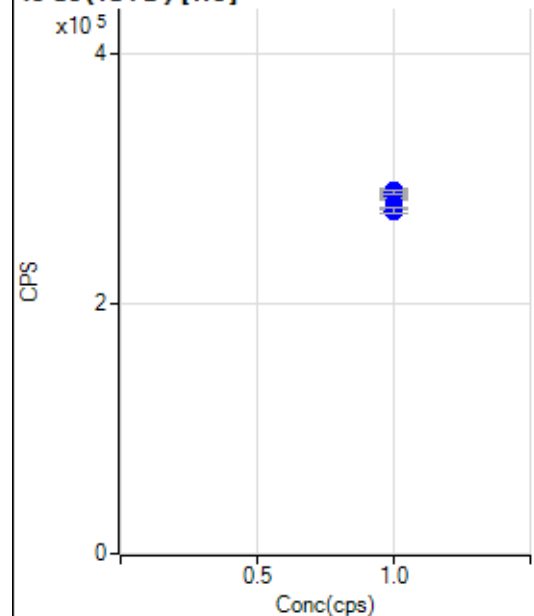
Min Conc: 0

6 Li (ISTD) [No Gas]

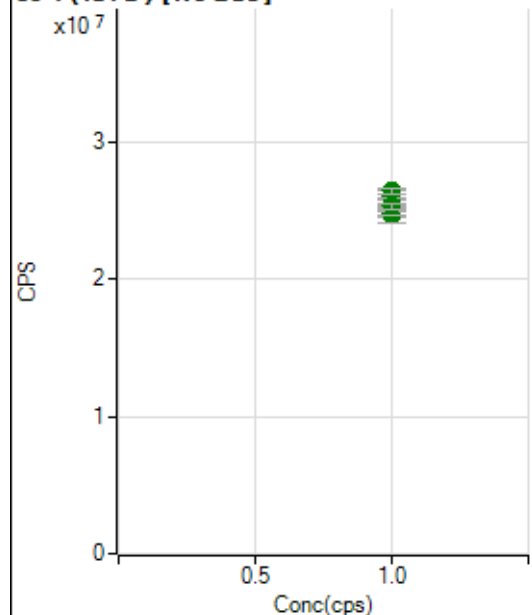
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3329047.65		A	4.9
2	☐	1.000		3637123.23		A	6.4
3	☐	1.000		3563285.64		A	1.9
4	☐	1.000		3470768.71		A	0.4
5	☐	1.000		3419244.84		A	0.9
6	☐	1.000		3370833.60		A	0.2
7	☐	1.000		3446048.39		A	2.4
8	☐	1.000		3335412.04		A	1.0

45 Sc (ISTD) [No Gas]

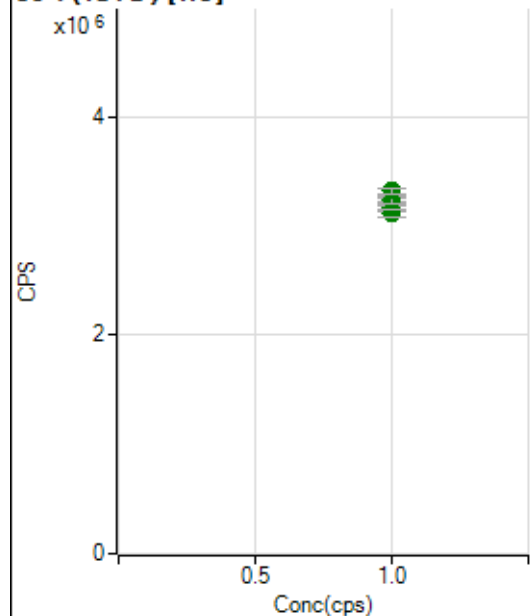
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7510446.21		A	6.2
2	☐	1.000		7831368.63		A	3.9
3	☐	1.000		7831508.98		A	1.0
4	☐	1.000		7431309.19		A	2.4
5	☐	1.000		7425232.18		A	0.9
6	☐	1.000		7880527.66		A	2.7
7	☐	1.000		8137989.60		A	2.4
8	☐	1.000		7778209.74		A	1.6

45 Sc (ISTD) [He]

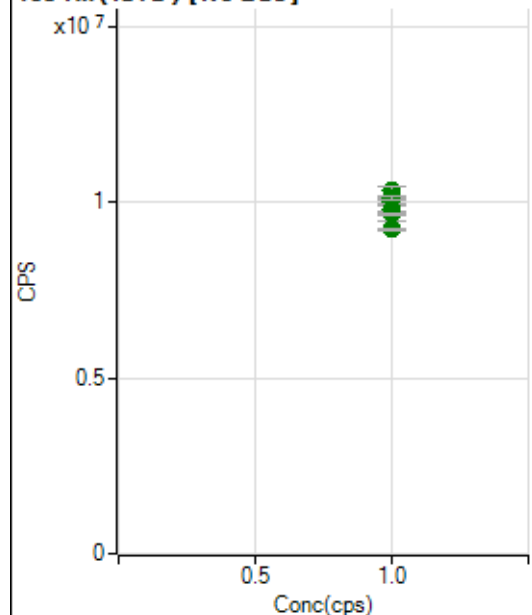
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		285502.59		P	0.3
2	☐	1.000		289205.30		P	0.8
3	☐	1.000		285791.18		P	1.3
4	☐	1.000		276882.19		P	0.3
5	☐	1.000		274359.62		P	1.7
6	☐	1.000		290747.62		P	1.0
7	☐	1.000		287079.95		P	1.0
8	☐	1.000		289811.23		P	1.0

89 Y (ISTD) [No Gas]

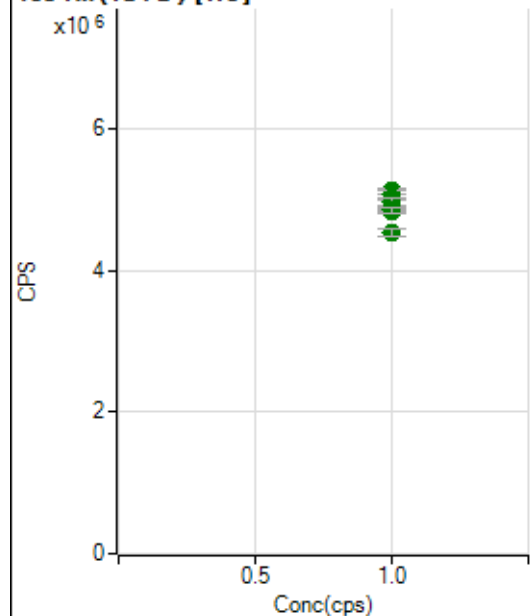
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24641599.08		A	4.7
2	☐	1.000		26083723.22		A	2.5
3	☐	1.000		25302451.84		A	0.5
4	☐	1.000		24732238.52		A	1.3
5	☐	1.000		24738976.85		A	1.4
6	☐	1.000		26037764.61		A	1.6
7	☐	1.000		26413337.11		A	1.4
8	☐	1.000		25280215.18		A	1.3

89 Y (ISTD) [He]

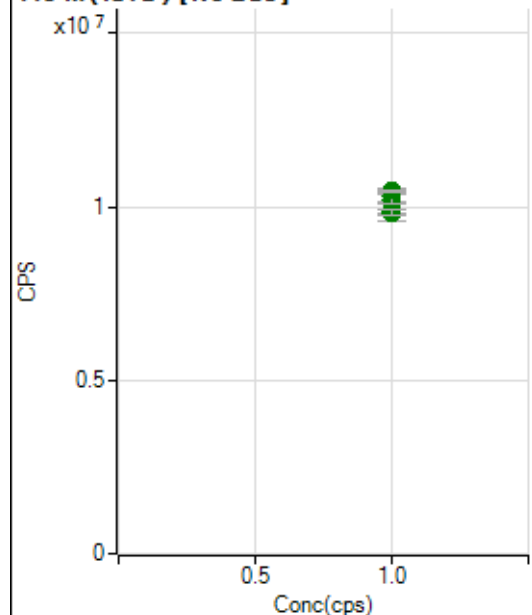
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3254280.92		A	0.1
2	☐	1.000		3229816.27		A	2.0
3	☐	1.000		3226176.27		A	0.2
4	☐	1.000		3111405.16		A	1.5
5	☐	1.000		3167947.32		A	1.3
6	☐	1.000		3285204.32		A	0.1
7	☐	1.000		3241058.15		A	2.4
8	☐	1.000		3322386.72		A	1.7

103 Rh (ISTD) [No Gas]

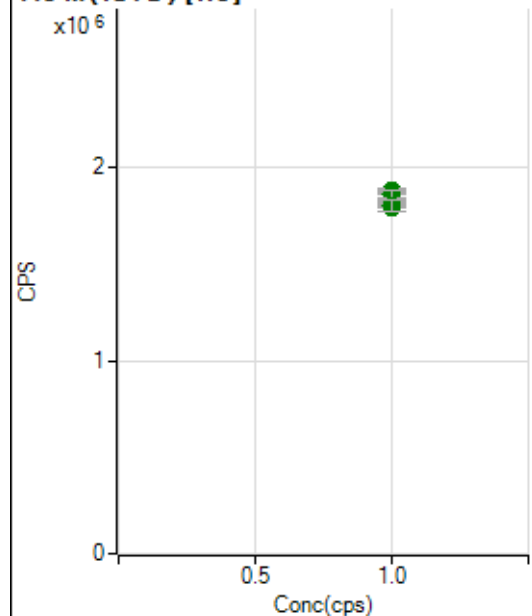
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9796529.90		A	6.6
2	☐	1.000		10329337.30		A	2.3
3	☐	1.000		9929793.10		A	0.6
4	☐	1.000		9678317.14		A	0.8
5	☐	1.000		9667597.09		A	0.5
6	☐	1.000		10037799.10		A	2.0
7	☐	1.000		10132032.60		A	1.2
8	☐	1.000		9230672.25		A	0.9

103 Rh (ISTD) [He]

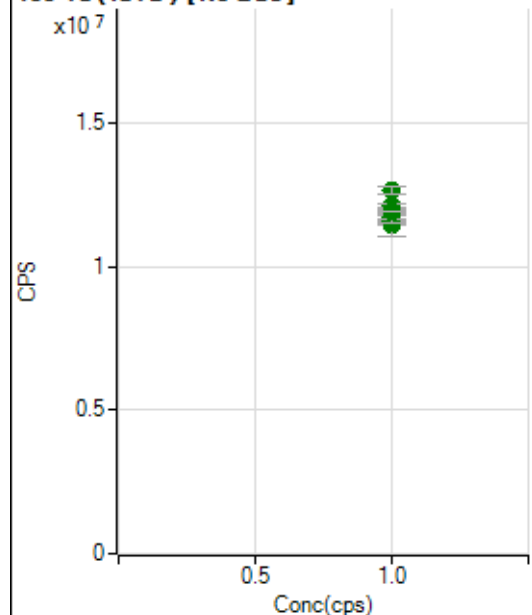
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5130037.11		A	1.4
2	☐	1.000		5081869.40		A	1.7
3	☐	1.000		5018725.13		A	0.5
4	☐	1.000		4851754.23		A	0.7
5	☐	1.000		4900067.74		A	0.8
6	☐	1.000		4977739.40		A	1.8
7	☐	1.000		4858854.51		A	2.0
8	☐	1.000		4551703.68		A	2.4

115 In (ISTD) [No Gas]

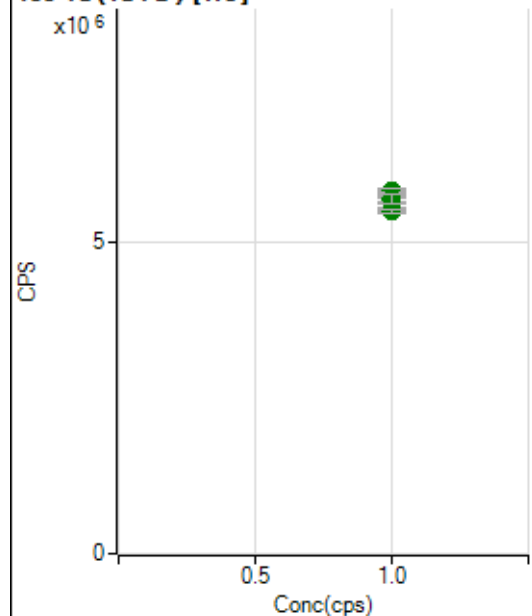
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9874590.62		A	5.9
2	☐	1.000		10332692.94		A	3.5
3	☐	1.000		10137271.36		A	0.6
4	☐	1.000		9877239.50		A	1.4
5	☐	1.000		9789821.85		A	0.5
6	☐	1.000		10212111.03		A	2.8
7	☐	1.000		10459306.50		A	0.3
8	☐	1.000		9823824.57		A	1.9

115 In (ISTD) [He]

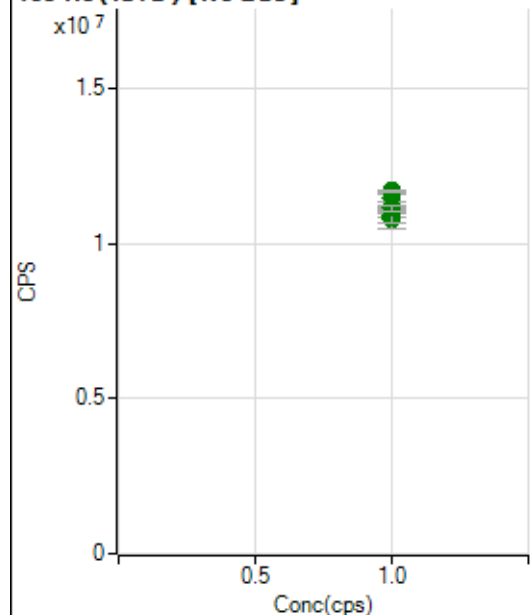
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1881073.44		A	0.6
2	☐	1.000		1880325.48		A	1.2
3	☐	1.000		1839585.07		A	2.7
4	☐	1.000		1791192.58		A	1.7
5	☐	1.000		1816614.84		A	0.8
6	☐	1.000		1864180.65		A	1.9
7	☐	1.000		1793434.56		A	0.2
8	☐	1.000		1806469.25		A	3.3

159 Tb (ISTD) [No Gas]

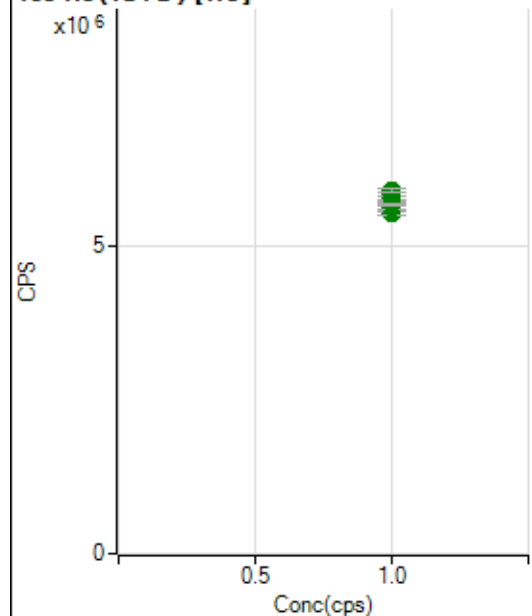
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11430676.84		A	6.9
2	☐	1.000		11722126.08		A	4.2
3	☐	1.000		11676770.66		A	1.9
4	☐	1.000		11533638.86		A	0.8
5	☐	1.000		11610073.30		A	1.2
6	☐	1.000		12118894.40		A	1.1
7	☐	1.000		12628380.51		A	2.1
8	☐	1.000		11920615.93		A	0.3

159 Tb (ISTD) [He]

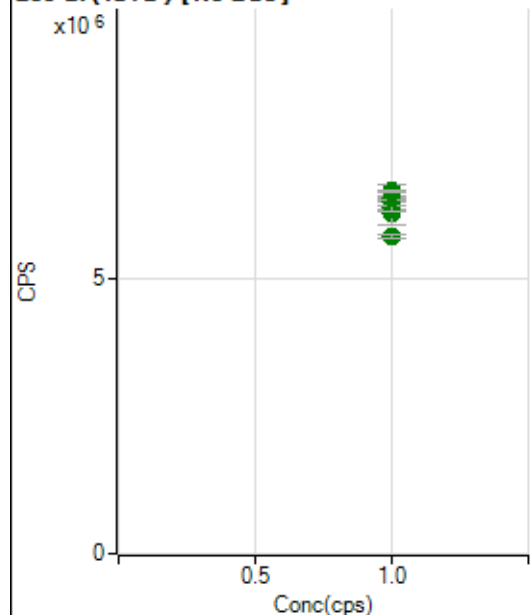
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5662754.15		A	1.1
2	☐	1.000		5715407.35		A	0.7
3	☐	1.000		5597320.89		A	3.4
4	☐	1.000		5519965.13		A	1.3
5	☐	1.000		5491570.41		A	1.0
6	☐	1.000		5774161.58		A	1.7
7	☐	1.000		5815056.65		A	1.2
8	☐	1.000		5686732.76		A	2.2

165 Ho (ISTD) [No Gas]

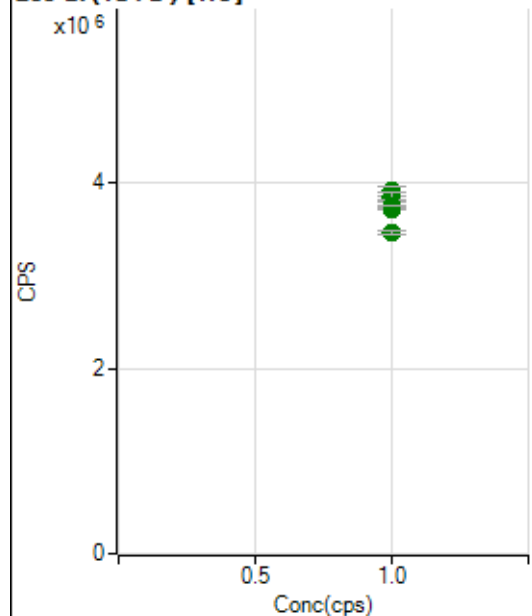
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10788415.17		A	6.0
2	☐	1.000		11143105.02		A	0.8
3	☐	1.000		11052925.16		A	1.4
4	☐	1.000		10918219.25		A	2.0
5	☐	1.000		10822709.53		A	3.1
6	☐	1.000		11464398.78		A	2.2
7	☐	1.000		11683641.06		A	0.5
8	☐	1.000		11132029.33		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5637713.46		A	1.1
2	☐	1.000		5776392.14		A	1.6
3	☐	1.000		5657853.66		A	2.9
4	☐	1.000		5548027.77		A	1.6
5	☐	1.000		5626969.15		A	1.2
6	☐	1.000		5849472.07		A	3.1
7	☐	1.000		5906253.73		A	1.0
8	☐	1.000		5694950.96		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6205609.21		A	6.8
2	☐	1.000		6596573.23		A	4.0
3	☐	1.000		6414352.20		A	2.2
4	☐	1.000		6260861.85		A	0.4
5	☐	1.000		6286667.34		A	1.6
6	☐	1.000		6458549.14		A	0.9
7	☐	1.000		6586716.22		A	0.8
8	☐	1.000		5772624.63		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3841000.40		A	2.5
2	☐	1.000		3910890.36		A	2.7
3	☐	1.000		3815697.55		A	0.2
4	☐	1.000		3717850.26		A	0.3
5	☐	1.000		3754789.35		A	2.3
6	☐	1.000		3857295.15		A	2.1
7	☐	1.000		3748245.15		A	0.3
8	☐	1.000		3463290.75		A	1.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8101221 MS.b
Acq. Date-Time 2021-10-12 10:16:02
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		14733	147330.45			1.116	5.000
24		127005	1270049.59			0.842	5.000
25		16878	168776.79			0.347	5.000
26		19784	197837.84			0.583	5.000
59		36670	366702.40			0.479	5.000
113		15659	156594.23			0.662	5.000
115		49971	499710.15			0.864	5.000
206		19559	195586.89			0.647	5.000
207		16183	161828.19			0.757	5.000
208		39946	399457.76			0.600	5.000
220		1	9.70			12.938	

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

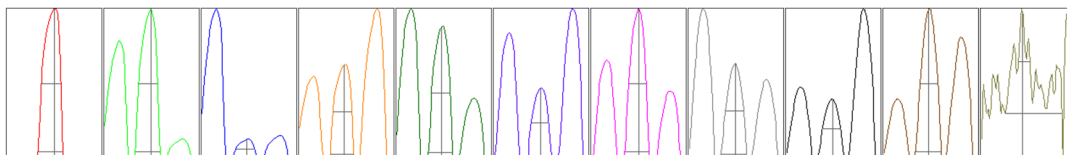
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14879	14728	14888	14488	14682
24	125683	127621	127038	126288	128395
25	16840	16894	16878	16811	16965
26	19768	19939	19806	19616	19790
59	36478	36711	36660	36562	36940
113	15760	15700	15547	15550	15741
115	49367	49812	49899	50362	50416
206	19555	19555	19356	19646	19682
207	16162	16264	15984	16296	16208
208	40014	39863	39603	39988	40261

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	25228.71	9.05	8.90 - 9.10	
24	225081.67	24.00	23.90 - 24.10	
25	29603.42	24.95	24.90 - 25.10	
26	34029.90	25.95	25.90 - 26.10	
59	66244.72	58.95	58.90 - 59.10	
113	29965.79	113.00	112.90 - 113.10	
115	96083.08	115.05	114.90 - 115.10	
206	35841.07	206.00	205.90 - 206.10	
207	29837.91	207.00	206.90 - 207.10	
208	74661.17	207.95	207.90 - 208.10	
220	1.45	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.781	0.900	
24	0.60	0.784	0.900	
25	0.60	0.780	0.900	
26	0.61	0.743	0.900	
59	0.59	0.769	0.900	
113	0.55	0.732	0.900	
115	0.54	0.766	0.900	
206	0.57	0.816	0.900	
207	0.57	0.816	0.900	
208	0.56	0.817	0.900	
220	0.36	1.770		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.7 V	Deflect	16.0 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 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	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.9 mm

EM

Discriminator	3.9 mV	Analog HV	2264 V	Pulse HV	1546 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8627	86265.40			3.825	
89		26928	269280.92			3.856	
205		17371	173706.41			4.169	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8899	8411	8680	8962	8180
89	27666	26317	27187	28010	25460
205	18168	16933	17458	17910	16385

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	9.7 V	Deflect	4.2 V

US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 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	190 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.9 mm		
EM					
Discriminator	3.9 mV	Analog HV	2264 V	Pulse HV	1546 V

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 10:55:58	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.07	0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	-0.24	0.20	0.00	N/A	ppb
Boron	11-1	-0.11	0.00	0.11	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	0.69	-0.65	-0.04	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.13	0.14	0.00	N/A	ppb
Calcium	43-1	-1.79	-0.52	2.31	0.00	N/A	ppb
Calcium	44-1	-5.69	-0.68	6.37	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.00	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	-0.18	0.72	-0.53	0.00	N/A	ppb
Iron	56-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Iron	57-2	0.65	-0.07	-0.59	0.00	N/A	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 10:55:58	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Lead	207-1	-0.03	-0.02	0.05	0.00	N/A	ppb
Lead	208-1	-0.01	-0.03	0.03	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.09	-0.24	0.15	0.00	N/A	ppb
Manganese	55-2	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	0.15	3.75	10.36	4.75	109.01	ppb
Potassium	39-2	4.86	-0.03	-4.83	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	-0.08	0.35	0.00	N/A	ppb
Selenium	77-2	-0.33	0.66	-0.33	0.00	N/A	ppb
Selenium	78-2	0.30	0.16	-0.45	0.00	N/A	ppb
Silicon	28-1	-5.36	-0.54	5.90	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.56	-1.11	0.55	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-578.89	15.04	845.94	94.03	761.10	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.03	0.02	0.00	N/A	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 10:55:58	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.06	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.08	-0.14	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:02:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.95	20.95	21.39	21.10	1.21	ppb
Antimony	121-1	1.96	1.86	1.90	1.91	2.87	ppb
Arsenic	75-2	1.00	0.96	1.01	0.99	2.93	ppb
Barium	135-1	9.96	9.30	9.60	9.62	3.45	ppb
Barium	137-1	10.51	9.55	9.66	9.91	5.30	ppb
Beryllium	9-1	1.02	0.88	0.99	0.96	7.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	21.39	19.27	22.83	21.17	8.46	ppb
Boron	11-1	21.45	20.39	23.51	21.78	7.29	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.88	1.03	0.99	9.63	ppb
Cadmium	106-1	-0.81	-1.73	1.26	-0.43		ppb
Cadmium	108-1	1.31	0.93	0.65	0.96	34.85	ppb
Calcium	43-1	506.13	469.69	470.36	482.06	4.32	ppb
Calcium	44-1	494.29	447.15	454.72	465.38	5.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.89	1.95	1.93	1.59	ppb
Cobalt	59-2	0.96	0.97	1.01	0.98	2.39	ppb
Copper	63-2	1.86	1.91	1.86	1.87	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	51.59	52.63	55.85	53.36	4.17	ppb
Iron	56-2	51.88	52.49	51.94	52.11	0.65	ppb
Iron	57-2	49.71	51.26	50.93	50.63	1.62	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:02:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.85	0.84	0.88	6.06	ppb
Lead	207-1	0.94	0.87	0.84	0.88	5.65	ppb
Lead	208-1	0.93	0.86	0.88	0.89	3.73	ppb
Lithium	6-1				109		%
Magnesium	24-2	504.94	485.65	490.71	493.76	2.03	ppb
Manganese	55-2	0.82	0.91	0.94	0.89	6.88	ppb
Molybdenum	94-1	4.84	4.61	4.67	4.71	2.52	ppb
Molybdenum	95-1	4.88	4.59	4.63	4.70	3.42	ppb
Molybdenum	96-1	4.92	4.63	4.67	4.74	3.25	ppb
Molybdenum	97-1	5.05	4.94	4.90	4.96	1.56	ppb
Molybdenum	98-1	4.86	4.55	4.84	4.75	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.04	0.99	1.01	2.58	ppb
Phosphorus	31-2	-8.90	-0.25	-5.10	-4.75		ppb
Potassium	39-2	453.85	472.95	467.01	464.60	2.10	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	5.23	4.94	5.07	5.08	2.91	ppb
Selenium	77-2	5.60	5.57	4.77	5.31	8.85	ppb
Selenium	78-2	5.12	4.48	4.20	4.60	10.30	ppb
Silicon	28-1	11.87	5.08	6.26	7.74	46.83	ppb
Silver	107-1	1.01	0.92	0.95	0.96	4.88	ppb
Silver	109-1	1.01	0.95	1.03	0.99	4.10	ppb
Sodium	23-2	490.07	497.02	500.38	495.82	1.06	ppb
Strontium	86-1	1.14	1.10	1.05	1.10	4.49	ppb
Strontium	88-1	1.10	1.02	1.05	1.06	3.56	ppb
Sulfur	34-1	419.31	-407.34	-294.08	-94.03		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.86	0.91	0.90	4.42	ppb
Thallium	205-1	0.96	0.89	0.85	0.90	5.76	ppb
Tin	118-1	4.98	4.81	4.89	4.89	1.77	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:02:07	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.01	4.45	5.03	4.83	6.75	ppb
Uranium	238-1	0.91	0.88	0.90	0.90	1.84	ppb
Vanadium	51-2	4.80	4.77	4.83	4.80	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	2.32	2.36	2.35	2.34	0.88	ppb
Zirconium	90-1	0.95	0.88	0.91	0.91	3.57	ppb
Zirconium	91-1	0.85	0.75	0.86	0.82	7.00	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:05:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1037.78	1044.51	1020.43	1034.24	1.20	ppb
Antimony	121-1	49.89	52.27	50.53	50.89	2.42	ppb
Arsenic	75-2	50.02	51.33	50.14	50.50	1.43	ppb
Barium	135-1	247.86	258.56	250.98	252.47	2.18	ppb
Barium	137-1	255.08	262.05	252.04	256.39	2.00	ppb
Beryllium	9-1	49.59	50.26	48.03	49.29	2.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	43.12	43.33	45.36	43.94	2.81	ppb
Boron	11-1	45.07	47.76	48.55	47.13	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	52.65	54.04	52.68	53.13	1.49	ppb
Cadmium	106-1	50.49	47.86	51.22	49.86	3.54	ppb
Cadmium	108-1	54.39	54.00	54.38	54.26	0.41	ppb
Calcium	43-1	5275.96	5234.73	5224.94	5245.21	0.52	ppb
Calcium	44-1	5251.99	5242.05	5201.11	5231.72	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.85	51.29	48.80	49.65	2.86	ppb
Cobalt	59-2	49.90	51.23	49.32	50.15	1.95	ppb
Copper	63-2	527.71	546.18	512.87	528.92	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				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	2694.79	2714.44	2630.71	2679.98	1.63	ppb
Iron	56-2	2746.46	2823.98	2704.75	2758.40	2.19	ppb
Iron	57-2	2628.45	2682.47	2633.44	2648.12	1.13	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:05:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	227.16	244.74	245.25	239.05	4.31	ppb
Lead	207-1	234.47	244.07	243.26	240.60	2.21	ppb
Lead	208-1	242.19	252.90	248.94	248.01	2.18	ppb
Lithium	6-1				107		%
Magnesium	24-2	5363.41	5528.64	5629.99	5507.35	2.44	ppb
Manganese	55-2	499.32	501.35	489.13	496.60	1.32	ppb
Molybdenum	94-1	252.43	254.15	256.82	254.47	0.87	ppb
Molybdenum	95-1	255.82	255.10	252.41	254.44	0.71	ppb
Molybdenum	96-1	258.26	263.62	250.83	257.57	2.49	ppb
Molybdenum	97-1	250.80	257.00	251.81	253.20	1.31	ppb
Molybdenum	98-1	243.99	257.39	252.51	251.30	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.26	51.16	51.12	50.85	1.00	ppb
Phosphorus	31-2	1054.77	1087.79	1016.94	1053.16	3.37	ppb
Potassium	39-2	2510.09	2560.04	2494.06	2521.40	1.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	52.18	53.30	52.64	52.71	1.08	ppb
Selenium	77-2	47.52	50.71	48.06	48.76	3.50	ppb
Selenium	78-2	50.00	50.78	46.52	49.10	4.62	ppb
Silicon	28-1	52.82	51.30	52.51	52.21	1.54	ppb
Silver	107-1	51.45	53.95	52.40	52.60	2.40	ppb
Silver	109-1	52.32	54.62	52.60	53.18	2.35	ppb
Sodium	23-2	5392.94	5437.82	5450.03	5426.93	0.55	ppb
Strontium	86-1	508.35	525.46	504.07	512.63	2.21	ppb
Strontium	88-1	499.03	513.83	505.30	506.05	1.47	ppb
Sulfur	34-1	1362.31	1148.74	928.30	1146.45	18.93	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	47.37	49.32	48.52	48.40	2.03	ppb
Thallium	205-1	47.40	51.45	50.72	49.86	4.33	ppb
Tin	118-1	50.63	53.83	51.12	51.86	3.33	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:05:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	256.90	252.77	252.80	254.16	0.94	ppb
Uranium	238-1	47.08	49.18	49.33	48.53	2.60	ppb
Vanadium	51-2	49.36	50.94	48.76	49.69	2.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	524.06	539.03	511.41	524.83	2.63	ppb
Zirconium	90-1	49.67	49.79	49.56	49.67	0.23	ppb
Zirconium	91-1	49.53	49.67	50.12	49.78	0.62	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:08:16 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2642.77	2671.82	2648.50	2654.36	0.58	ppb
Antimony	121-1	131.59	127.68	131.13	130.13	1.64	ppb
Arsenic	75-2	131.41	129.17	132.34	130.97	1.24	ppb
Barium	135-1	636.84	614.98	641.83	631.22	2.26	ppb
Barium	137-1	656.21	644.72	650.40	650.44	0.88	ppb
Beryllium	9-1	124.01	123.54	123.49	123.68	0.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	107.56	116.22	119.66	114.48	5.45	ppb
Boron	11-1	114.82	122.32	123.41	120.18	3.89	ppb
Bromine	81-1						cps
Cadmium	111-1	136.31	131.52	134.26	134.03	1.79	ppb
Cadmium	106-1	134.77	129.40	133.01	132.40	2.07	ppb
Cadmium	108-1	137.13	136.42	133.79	135.78	1.30	ppb
Calcium	43-1	13393.25	13775.00	14136.34	13768.20	2.70	ppb
Calcium	44-1	12725.58	13572.42	13371.47	13223.15	3.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.04	126.30	127.13	126.83	0.36	ppb
Cobalt	59-2	128.65	128.96	129.08	128.90	0.17	ppb
Copper	63-2	1346.14	1340.60	1324.51	1337.08	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				101		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	6898.85	6915.16	6815.29	6876.44	0.78	ppb
Iron	56-2	7024.48	7059.93	7016.29	7033.56	0.33	ppb
Iron	57-2	6732.70	6746.09	6792.79	6757.19	0.47	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:08:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	642.43	634.32	654.76	643.84	1.60	ppb
Lead	207-1	643.78	635.83	670.45	650.02	2.79	ppb
Lead	208-1	639.02	636.31	657.65	644.33	1.80	ppb
Lithium	6-1				104		%
Magnesium	24-2	13634.58	13594.59	13951.95	13727.04	1.43	ppb
Manganese	55-2	1318.66	1329.57	1324.18	1324.13	0.41	ppb
Molybdenum	94-1	636.12	653.07	643.82	644.34	1.32	ppb
Molybdenum	95-1	633.76	652.44	651.67	645.95	1.64	ppb
Molybdenum	96-1	627.02	651.89	650.12	643.01	2.16	ppb
Molybdenum	97-1	628.35	647.95	662.65	646.31	2.66	ppb
Molybdenum	98-1	618.87	647.22	663.00	643.03	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.52	127.69	124.76	126.66	1.30	ppb
Phosphorus	31-2	2666.79	2814.14	2517.69	2666.21	5.56	ppb
Potassium	39-2	6663.06	6591.35	6646.97	6633.79	0.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	130.60	133.52	134.51	132.87	1.53	ppb
Selenium	77-2	132.73	152.08	121.10	135.30	11.56	ppb
Selenium	78-2	131.64	129.63	140.52	133.93	4.33	ppb
Silicon	28-1	126.87	137.51	145.04	136.47	6.69	ppb
Silver	107-1	138.85	134.08	136.44	136.46	1.75	ppb
Silver	109-1	135.41	133.96	139.38	136.25	2.06	ppb
Sodium	23-2	13633.65	13348.78	13585.11	13522.52	1.13	ppb
Strontium	86-1	1285.12	1292.73	1276.83	1284.90	0.62	ppb
Strontium	88-1	1279.59	1252.67	1294.48	1275.58	1.66	ppb
Sulfur	34-1	3106.46	3594.45	3908.72	3536.54	11.43	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	125.11	125.36	123.79	124.76	0.68	ppb
Thallium	205-1	130.18	130.38	129.30	129.95	0.44	ppb
Tin	118-1	130.97	129.33	132.60	130.96	1.25	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:08:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	651.24	663.26	668.68	661.06	1.35	ppb
Uranium	238-1	129.12	127.20	131.37	129.23	1.62	ppb
Vanadium	51-2	127.41	126.96	126.19	126.85	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1328.23	1317.28	1353.10	1332.87	1.38	ppb
Zirconium	90-1	128.05	126.91	131.62	128.86	1.91	ppb
Zirconium	91-1	125.82	125.89	128.24	126.65	1.09	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:11:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5350.88	5178.47	5127.58	5218.98	2.24	ppb
Antimony	121-1	264.63	272.32	256.17	264.37	3.06	ppb
Arsenic	75-2	255.37	256.66	249.14	253.73	1.59	ppb
Barium	135-1	1298.46	1327.01	1273.57	1299.68	2.06	ppb
Barium	137-1	1287.23	1316.48	1286.82	1296.85	1.31	ppb
Beryllium	9-1	246.44	248.69	249.74	248.29	0.68	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	224.57	228.34	242.76	231.89	4.14	ppb
Boron	11-1	237.87	242.20	260.67	246.91	4.90	ppb
Bromine	81-1						cps
Cadmium	111-1	259.51	267.97	268.30	265.26	1.88	ppb
Cadmium	106-1	259.46	267.77	256.97	261.40	2.16	ppb
Cadmium	108-1	264.31	267.02	258.24	263.19	1.71	ppb
Calcium	43-1	27924.07	27440.22	27491.23	27618.51	0.96	ppb
Calcium	44-1	27271.14	26743.85	26619.68	26878.22	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.05	251.62	248.36	252.68	1.95	ppb
Cobalt	59-2	264.12	260.23	254.44	259.59	1.88	ppb
Copper	63-2	2753.22	2637.95	2578.22	2656.47	3.35	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				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	14578.65	13965.03	13688.44	14077.37	3.24	ppb
Iron	56-2	14228.90	13863.34	13886.80	13993.01	1.46	ppb
Iron	57-2	13701.44	13402.03	13404.99	13502.82	1.27	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:11:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1271.61	1303.77	1315.66	1297.01	1.76	ppb
Lead	207-1	1255.98	1271.96	1281.86	1269.93	1.03	ppb
Lead	208-1	1269.71	1270.66	1280.87	1273.74	0.49	ppb
Lithium	6-1				103		%
Magnesium	24-2	28163.80	26996.66	26443.64	27201.37	3.23	ppb
Manganese	55-2	2636.83	2574.68	2501.10	2570.87	2.64	ppb
Molybdenum	94-1	1300.26	1255.23	1294.60	1283.36	1.91	ppb
Molybdenum	95-1	1288.27	1250.25	1287.29	1275.27	1.70	ppb
Molybdenum	96-1	1277.16	1240.38	1297.52	1271.69	2.28	ppb
Molybdenum	97-1	1294.64	1291.52	1299.37	1295.18	0.31	ppb
Molybdenum	98-1	1288.18	1281.38	1295.67	1288.41	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.17	250.32	251.09	254.19	2.38	ppb
Phosphorus	31-2	5492.00	5220.89	5237.78	5316.89	2.86	ppb
Potassium	39-2	13374.45	13006.09	12369.86	12916.80	3.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	260.03	258.72	265.54	261.43	1.38	ppb
Selenium	77-2	280.14	251.13	255.30	262.19	5.98	ppb
Selenium	78-2	260.18	258.15	252.85	257.06	1.47	ppb
Silicon	28-1	262.09	262.88	269.19	264.72	1.47	ppb
Silver	107-1	266.98	273.95	263.21	268.05	2.03	ppb
Silver	109-1	264.94	276.32	265.16	268.81	2.42	ppb
Sodium	23-2	27459.52	26662.83	26269.10	26797.15	2.26	ppb
Strontium	86-1	2561.07	2575.55	2641.78	2592.80	1.66	ppb
Strontium	88-1	2561.71	2561.50	2615.48	2579.56	1.21	ppb
Sulfur	34-1	6855.80	6823.45	6539.87	6739.71	2.58	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	245.78	267.25	265.81	259.61	4.62	ppb
Thallium	205-1	260.59	265.23	261.80	262.54	0.92	ppb
Tin	118-1	263.96	265.81	256.68	262.15	1.84	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:11:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1325.70	1359.55	1294.83	1326.70	2.44	ppb
Uranium	238-1	252.72	257.29	254.81	254.94	0.90	ppb
Vanadium	51-2	260.99	249.71	251.03	253.91	2.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2674.52	2580.43	2564.60	2606.52	2.28	ppb
Zirconium	90-1	254.12	253.73	255.00	254.28	0.25	ppb
Zirconium	91-1	256.39	246.87	255.23	252.83	2.06	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:20:34 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10116.22	9775.05	9796.10	9895.79	1.93	ppb
Antimony	121-1	504.33	516.78	504.64	508.58	1.40	ppb
Arsenic	75-2	501.95	494.46	499.20	498.54	0.76	ppb
Barium	135-1	2517.59	2599.00	2542.96	2553.18	1.63	ppb
Barium	137-1	2542.60	2566.50	2544.09	2551.06	0.52	ppb
Beryllium	9-1	507.75	498.05	500.85	502.21	0.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	535.62	541.45	551.54	542.87	1.48	ppb
Boron	11-1	547.54	575.03	598.91	573.83	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	511.48	521.40	507.73	513.54	1.38	ppb
Cadmium	106-1	519.85	527.12	508.98	518.65	1.76	ppb
Cadmium	108-1	518.35	519.74	506.47	514.85	1.42	ppb
Calcium	43-1	54662.00	55174.25	55235.45	55023.90	0.57	ppb
Calcium	44-1	51162.66	51464.10	53191.70	51939.49	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.12	496.42	500.86	501.46	1.07	ppb
Cobalt	59-2	514.12	487.10	486.96	496.06	3.15	ppb
Copper	63-2	5068.52	4946.84	5047.72	5021.03	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	27181.62	25940.25	26689.80	26603.89	2.35	ppb
Iron	56-2	27219.91	26295.16	26393.55	26636.21	1.91	ppb
Iron	57-2	28030.29	26082.25	26495.52	26869.35	3.82	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:20:34	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2607.95	2505.40	2540.16	2551.17	2.04	ppb
Lead	207-1	2569.92	2498.28	2562.70	2543.63	1.55	ppb
Lead	208-1	2535.03	2488.94	2578.65	2534.21	1.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	51677.39	50738.51	52222.10	51546.00	1.46	ppb
Manganese	55-2	4966.64	4847.41	4903.87	4905.97	1.22	ppb
Molybdenum	94-1	2399.43	2465.73	2514.52	2459.89	2.35	ppb
Molybdenum	95-1	2458.94	2480.37	2503.62	2480.98	0.90	ppb
Molybdenum	96-1	2440.72	2491.73	2517.08	2483.18	1.57	ppb
Molybdenum	97-1	2471.72	2491.58	2537.33	2500.21	1.35	ppb
Molybdenum	98-1	2502.17	2478.03	2550.03	2510.08	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.56	473.04	476.23	478.94	1.59	ppb
Phosphorus	31-2	10264.09	9845.45	9943.41	10017.65	2.19	ppb
Potassium	39-2	25393.94	24103.24	24936.24	24811.14	2.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	494.02	503.09	511.44	502.85	1.73	ppb
Selenium	77-2	519.37	479.10	483.18	493.88	4.49	ppb
Selenium	78-2	500.83	505.53	502.26	502.87	0.48	ppb
Silicon	28-1	521.77	532.10	575.96	543.28	5.30	ppb
Silver	107-1	496.27	521.70	503.14	507.04	2.59	ppb
Silver	109-1	519.14	524.53	521.35	521.67	0.52	ppb
Sodium	23-2	51492.47	50233.22	51032.86	50919.52	1.25	ppb
Strontium	86-1	4937.83	4984.60	5056.36	4992.93	1.20	ppb
Strontium	88-1	4843.85	4963.70	5105.25	4970.93	2.63	ppb
Sulfur	34-1	9029.36	11425.22	10305.64	10253.41	11.69	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	511.62	500.47	506.45	506.18	1.10	ppb
Thallium	205-1	506.67	497.44	504.40	502.84	0.96	ppb
Tin	118-1	504.41	521.05	517.61	514.36	1.71	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:20:34	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2505.01	2502.95	2583.97	2530.64	1.83	ppb
Uranium	238-1	482.85	498.03	508.82	496.57	2.63	ppb
Vanadium	51-2	506.98	484.70	490.20	493.96	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	5164.20	4955.62	5051.97	5057.26	2.06	ppb
Zirconium	90-1	491.63	492.62	510.54	498.26	2.14	ppb
Zirconium	91-1	490.83	505.69	509.72	502.08	1.98	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:23:39	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20616.49	20955.90	20021.72	20531.37	2.30	ppb
Antimony	121-1	1000.62	1013.68	959.99	991.43	2.82	ppb
Arsenic	75-2	1005.35	1014.41	977.32	999.03	1.94	ppb
Barium	135-1	4942.04	5119.25	4818.98	4960.09	3.04	ppb
Barium	137-1	5008.50	5054.84	4814.43	4959.26	2.57	ppb
Beryllium	9-1	1030.34	985.21	983.01	999.52	2.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	970.00	986.47	997.95	984.81	1.43	ppb
Boron	11-1	940.70	963.80	989.54	964.68	2.53	ppb
Bromine	81-1						cps
Cadmium	111-1	992.50	998.39	973.50	988.13	1.32	ppb
Cadmium	106-1	984.58	1010.50	965.64	986.91	2.28	ppb
Cadmium	108-1	986.29	1008.48	968.37	987.71	2.03	ppb
Calcium	43-1	105284.82	109509.13	102934.61	105909.52	3.15	ppb
Calcium	44-1	101438.76	102263.97	100931.83	101544.85	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	981.47	1015.71	997.99	998.39	1.72	ppb
Cobalt	59-2	999.10	1018.93	979.21	999.08	1.99	ppb
Copper	63-2	9966.60	10067.13	9780.38	9938.04	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	53177.09	54584.39	53458.08	53739.85	1.39	ppb
Iron	56-2	54407.49	53782.61	53257.29	53815.80	1.07	ppb
Iron	57-2	54037.34	53210.38	53320.60	53522.77	0.84	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:23:39	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4939.94	5098.07	4844.55	4960.85	2.58	ppb
Lead	207-1	4984.10	5053.64	4873.89	4970.54	1.82	ppb
Lead	208-1	4977.28	5038.61	4908.05	4974.64	1.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	104564.60	104642.28	103379.48	104195.46	0.68	ppb
Manganese	55-2	9952.03	10069.76	10038.81	10020.20	0.61	ppb
Molybdenum	94-1	4974.45	5137.96	4914.81	5009.07	2.31	ppb
Molybdenum	95-1	4982.26	5099.14	4919.65	5000.35	1.82	ppb
Molybdenum	96-1	4996.39	5034.76	4969.93	5000.36	0.65	ppb
Molybdenum	97-1	5019.54	5029.22	4908.58	4985.78	1.34	ppb
Molybdenum	98-1	4967.87	5061.45	4919.80	4983.04	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1015.46	1004.12	1008.11	1009.23	0.57	ppb
Phosphorus	31-2	19888.81	20608.83	19167.91	19888.52	3.62	ppb
Potassium	39-2	49708.26	50693.86	49519.01	49973.71	1.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	987.24	1011.00	985.55	994.60	1.43	ppb
Selenium	77-2	1008.00	1018.87	969.47	998.78	2.60	ppb
Selenium	78-2	999.90	1008.84	978.45	995.73	1.57	ppb
Silicon	28-1	911.49	1033.78	974.21	973.16	6.28	ppb
Silver	107-1	985.77	1010.02	975.44	990.41	1.79	ppb
Silver	109-1	963.43	1009.97	975.29	982.90	2.46	ppb
Sodium	23-2	103712.21	105334.43	104965.43	104670.69	0.81	ppb
Strontium	86-1	9939.11	10106.86	9880.06	9975.34	1.18	ppb
Strontium	88-1	10011.61	10050.76	9911.07	9991.14	0.72	ppb
Sulfur	34-1	18941.76	19941.22	19021.45	19301.48	2.88	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	993.64	1012.46	977.75	994.62	1.75	ppb
Thallium	205-1	987.12	1020.93	976.46	994.84	2.33	ppb
Tin	118-1	994.75	1006.40	965.69	988.95	2.12	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:23:39	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4915.34	5003.49	4963.55	4960.79	0.89	ppb
Uranium	238-1	993.74	1004.79	1001.55	1000.03	0.57	ppb
Vanadium	51-2	992.37	1011.05	1002.06	1001.83	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	10016.90	9899.59	9882.93	9933.14	0.74	ppb
Zirconium	90-1	989.39	1006.89	1001.71	999.33	0.90	ppb
Zirconium	91-1	970.76	1028.45	994.97	998.06	2.90	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:46:27 DataFile Name : 016CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100186.29	100758.15	98722.54	99889.00	1.05	ppb
Antimony	121-1	0.50	0.45	0.45	0.47	6.76	ppb
Arsenic	75-2	0.37	0.35	0.41	0.38	7.17	ppb
Barium	135-1	2.47	2.38	2.45	2.43	1.83	ppb
Barium	137-1	2.58	2.47	2.65	2.57	3.54	ppb
Beryllium	9-1	0.17	0.20	0.18	0.18	7.03	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	22.32	22.42	22.14	22.29	0.65	ppb
Boron	11-1	23.67	23.59	22.91	23.39	1.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.27	0.23	0.25	9.49	ppb
Cadmium	106-1	-9.12	-7.61	-7.91	-8.21		ppb
Cadmium	108-1	0.44	0.82	0.65	0.64	30.29	ppb
Calcium	43-1	499949.94	497270.13	497231.86	498150.64	0.31	ppb
Calcium	44-1	496876.61	493579.27	507692.54	499382.81	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.25	3.15	3.12	3.17	2.10	ppb
Cobalt	59-2	2.29	2.25	2.29	2.27	1.11	ppb
Copper	63-2	3.10	3.27	3.36	3.24	4.05	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				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	248960.92	254771.08	243253.93	248995.31	2.31	ppb
Iron	56-2	250969.50	251649.50	244310.18	248976.40	1.63	ppb
Iron	57-2	248700.58	252005.94	246426.10	249044.21	1.13	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:46:27	DataFile Name :	016CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.11	2.15	2.09	2.12	1.49	ppb
Lead	207-1	2.06	2.03	2.07	2.05	1.05	ppb
Lead	208-1	2.10	2.10	2.09	2.09	0.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	500396.10	500481.65	495703.74	498860.50	0.55	ppb
Manganese	55-2	14.21	14.67	14.10	14.32	2.11	ppb
Molybdenum	94-1	2.13	2.23	2.13	2.16	2.76	ppb
Molybdenum	95-1	1.68	1.63	1.58	1.63	3.22	ppb
Molybdenum	96-1	3.48	3.47	3.62	3.52	2.38	ppb
Molybdenum	97-1	1.60	1.56	1.82	1.66	8.49	ppb
Molybdenum	98-1	1.55	1.54	1.50	1.53	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.68	3.53	3.50	3.57	2.67	ppb
Phosphorus	31-2	16.84	20.35	11.03	16.07	29.29	ppb
Potassium	39-2	253066.39	251240.93	245673.37	249993.57	1.54	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.70	0.79	1.13	0.88	26.01	ppb
Selenium	77-2	-0.33	0.64	1.10	0.47	155.52	ppb
Selenium	78-2	0.76	0.75	1.41	0.97	38.70	ppb
Silicon	28-1	24.00	29.49	35.82	29.77	19.87	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.59	ppb
Silver	109-1	0.20	0.20	0.17	0.19	8.88	ppb
Sodium	23-2	504372.61	502430.01	489760.05	498854.23	1.59	ppb
Strontium	86-1	8.23	8.25	8.12	8.20	0.89	ppb
Strontium	88-1	8.13	8.17	8.36	8.22	1.45	ppb
Sulfur	34-1	-1213.57	-1433.85	-1275.19	-1307.54		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.19	0.18	0.19	5.55	ppb
Thallium	205-1	0.24	0.20	0.23	0.22	8.20	ppb
Tin	118-1	0.19	0.25	0.25	0.23	14.57	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:46:27	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.96	1.04	1.08	1.03	5.90	ppb
Uranium	238-1	0.20	0.20	0.21	0.21	2.69	ppb
Vanadium	51-2	0.28	0.25	0.27	0.26	5.97	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	17.47	18.12	17.85	17.82	1.83	ppb
Zirconium	90-1	0.55	0.55	0.56	0.55	1.73	ppb
Zirconium	91-1	0.58	0.58	0.62	0.59	3.48	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICV47	Instrumnet Name :	P8
Client Sample ID :	ICV47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:56:59	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.38	517.15	514.02	515.18	0.33	ppb
Antimony	121-1	212.29	194.16	202.40	202.95	4.47	ppb
Arsenic	75-2	203.40	208.92	203.74	205.35	1.51	ppb
Barium	135-1	106.11	97.71	101.01	101.61	4.17	ppb
Barium	137-1	106.46	97.51	102.67	102.21	4.40	ppb
Beryllium	9-1	105.30	93.70	98.66	99.22	5.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	17.42	16.52	17.38	17.11	2.99	ppb
Boron	11-1	19.24	17.33	17.22	17.93	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	110.82	101.76	103.60	105.40	4.54	ppb
Cadmium	106-1	89.64	79.46	82.52	83.87	6.23	ppb
Cadmium	108-1	96.55	90.50	93.75	93.60	3.23	ppb
Calcium	43-1	2051.59	1933.63	1916.69	1967.30	3.74	ppb
Calcium	44-1	2110.17	1921.57	1961.03	1997.59	4.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.18	98.44	98.26	97.96	0.70	ppb
Cobalt	59-2	97.20	98.32	100.10	98.54	1.48	ppb
Copper	63-2	98.22	100.33	101.04	99.86	1.47	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				101		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	2066.27	2086.45	2126.93	2093.22	1.48	ppb
Iron	56-2	2130.95	2157.65	2152.68	2147.09	0.66	ppb
Iron	57-2	2037.29	2029.44	2076.41	2047.71	1.23	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICV47	Instrumnet Name :	P8
Client Sample ID :	ICV47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:56:59	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	219.56	200.86	202.90	207.77	4.94	ppb
Lead	207-1	205.84	193.54	192.10	197.16	3.83	ppb
Lead	208-1	216.12	201.25	203.46	206.95	3.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	1199.28	1211.10	1206.22	1205.53	0.49	ppb
Manganese	55-2	88.19	91.42	91.85	90.49	2.21	ppb
Molybdenum	94-1	0.37	0.36	0.18	0.30	35.72	ppb
Molybdenum	95-1	0.38	0.47	0.16	0.34	47.69	ppb
Molybdenum	96-1	0.41	0.46	0.19	0.35	39.43	ppb
Molybdenum	97-1	0.42	0.45	0.18	0.35	42.72	ppb
Molybdenum	98-1	0.35	0.40	0.19	0.31	34.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.75	111.25	110.40	109.47	2.19	ppb
Phosphorus	31-2	-4.20	18.82	8.67	7.76	148.62	ppb
Potassium	39-2	1924.46	1948.65	1965.84	1946.31	1.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	221.23	206.89	206.45	211.52	3.98	ppb
Selenium	77-2	206.14	237.96	209.96	218.02	7.97	ppb
Selenium	78-2	211.04	211.45	210.68	211.06	0.18	ppb
Silicon	28-1	3.82	-1.54	-0.69	0.53	541.92	ppb
Silver	107-1	52.22	49.38	50.40	50.66	2.83	ppb
Silver	109-1	53.61	47.89	50.88	50.79	5.63	ppb
Sodium	23-2	2010.30	2018.46	2047.86	2025.54	0.98	ppb
Strontium	86-1	0.94	1.10	0.59	0.88	29.33	ppb
Strontium	88-1	0.98	1.00	0.56	0.85	29.64	ppb
Sulfur	34-1	-618.05	-1226.36	-1194.85	-1013.08		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	221.09	201.45	207.90	210.15	4.76	ppb
Thallium	205-1	231.37	208.32	212.34	217.34	5.66	ppb
Tin	118-1	-0.07	-0.11	-0.14	-0.11		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICV47	Instrumnet Name :	P8
Client Sample ID :	ICV47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:56:59	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.31	0.21	0.29	22.69	ppb
Uranium	238-1	0.07	0.09	0.03	0.06	45.11	ppb
Vanadium	51-2	95.42	97.50	98.14	97.02	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	197.63	196.90	200.21	198.25	0.88	ppb
Zirconium	90-1	0.08	0.08	0.03	0.06	41.50	ppb
Zirconium	91-1	0.10	0.11	0.09	0.10	13.20	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:15:59	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.36	22.45	23.44	23.75	6.23	ppb
Antimony	121-1	2.02	2.03	2.00	2.02	0.82	ppb
Arsenic	75-2	0.98	1.05	0.98	1.00	4.09	ppb
Barium	135-1	9.69	9.87	9.38	9.65	2.56	ppb
Barium	137-1	10.20	9.76	9.76	9.90	2.57	ppb
Beryllium	9-1	1.01	1.03	1.03	1.02	1.24	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	30.75	34.27	33.13	32.71	5.49	ppb
Boron	11-1	32.38	34.55	35.54	34.16	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.84	0.80	0.86	0.83	3.71	ppb
Cadmium	106-1	-8.51	-11.32	-9.00	-9.61		ppb
Cadmium	108-1	1.13	0.91	0.80	0.94	18.09	ppb
Calcium	43-1	488.68	501.50	481.09	490.42	2.10	ppb
Calcium	44-1	490.12	492.41	468.76	483.76	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.88	1.97	1.92	2.29	ppb
Cobalt	59-2	0.99	0.99	0.97	0.98	1.23	ppb
Copper	63-2	2.14	2.01	2.01	2.05	3.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	59.31	58.06	60.98	59.45	2.47	ppb
Iron	56-2	59.56	57.44	58.77	58.59	1.83	ppb
Iron	57-2	57.06	54.79	56.12	55.99	2.03	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:15:59	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.07	1.17	1.00	1.08	8.19	ppb
Lead	207-1	1.09	1.05	1.05	1.06	2.25	ppb
Lead	208-1	1.06	1.09	1.03	1.06	3.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	500.67	506.46	505.00	504.04	0.60	ppb
Manganese	55-2	1.12	1.16	1.25	1.18	5.71	ppb
Molybdenum	94-1	4.71	4.91	4.87	4.83	2.18	ppb
Molybdenum	95-1	4.83	5.07	4.96	4.95	2.47	ppb
Molybdenum	96-1	4.85	4.78	4.97	4.87	1.97	ppb
Molybdenum	97-1	5.05	4.97	4.86	4.96	2.01	ppb
Molybdenum	98-1	4.94	5.10	5.01	5.02	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.96	1.06	0.99	6.19	ppb
Phosphorus	31-2	7.24	2.26	0.94	3.48	95.64	ppb
Potassium	39-2	473.13	472.80	482.42	476.12	1.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	5.34	4.95	5.63	5.31	6.40	ppb
Selenium	77-2	3.93	3.02	6.45	4.47	39.81	ppb
Selenium	78-2	5.59	6.22	5.41	5.74	7.40	ppb
Silicon	28-1	3.83	5.33	1.06	3.41	63.50	ppb
Silver	107-1	0.94	0.94	1.00	0.96	3.55	ppb
Silver	109-1	0.97	1.00	1.00	0.99	1.51	ppb
Sodium	23-2	507.21	515.15	509.61	510.66	0.80	ppb
Strontium	86-1	1.18	1.28	1.26	1.24	4.24	ppb
Strontium	88-1	1.18	1.21	1.22	1.20	2.03	ppb
Sulfur	34-1	-1768.79	-1762.08	-1949.30	-1826.72		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.97	0.97	0.95	3.49	ppb
Thallium	205-1	1.06	1.03	0.97	1.02	4.53	ppb
Tin	118-1	4.87	4.87	4.78	4.84	1.06	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:15:59	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.83	5.33	4.67	4.94	6.93	ppb
Uranium	238-1	0.94	0.93	0.89	0.92	3.09	ppb
Vanadium	51-2	4.76	4.71	4.84	4.77	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2.32	2.17	2.71	2.40	11.70	ppb
Zirconium	90-1	0.95	0.98	0.96	0.97	1.64	ppb
Zirconium	91-1	0.93	1.04	0.95	0.97	6.10	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : ICB47 Instrumnet Name : P8
 Client Sample ID : ICB47 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:22:05 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.94	2.15	2.37	3.49	60.95	ppb
Antimony	121-1	0.07	0.08	0.11	0.09	21.49	ppb
Arsenic	75-2	0.04	-0.01	0.02	0.02	171.57	ppb
Barium	135-1	0.23	0.35	0.45	0.34	32.90	ppb
Barium	137-1	0.25	0.30	0.49	0.35	37.34	ppb
Beryllium	9-1	0.05	0.08	0.10	0.07	35.77	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	12.60	11.98	11.17	11.92	5.99	ppb
Boron	11-1	13.10	12.21	11.58	12.30	6.21	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.06	0.05	-0.01		ppb
Cadmium	106-1	-8.21	-9.28	-9.40	-8.96		ppb
Cadmium	108-1	-0.01	0.09	0.39	0.16	130.19	ppb
Calcium	43-1	24.27	31.42	44.77	33.49	31.07	ppb
Calcium	44-1	24.71	32.27	45.87	34.29	31.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.03	0.01	144.16	ppb
Cobalt	59-2	0.06	0.03	0.02	0.03	65.39	ppb
Copper	63-2	0.46	0.22	0.16	0.28	57.05	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				97		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	13.05	6.47	4.33	7.95	57.17	ppb
Iron	56-2	14.93	6.17	5.01	8.70	62.32	ppb
Iron	57-2	11.65	6.31	3.15	7.04	61.06	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : ICB47 Instrumnet Name : P8
 Client Sample ID : ICB47 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:22:05 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.30	0.46	0.33	35.91	ppb
Lead	207-1	0.21	0.39	0.46	0.36	36.05	ppb
Lead	208-1	0.25	0.33	0.46	0.34	30.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	26.71	11.69	10.12	16.18	56.61	ppb
Manganese	55-2	0.49	0.21	0.14	0.28	65.19	ppb
Molybdenum	94-1	0.29	0.31	0.48	0.36	29.77	ppb
Molybdenum	95-1	0.30	0.30	0.53	0.38	34.59	ppb
Molybdenum	96-1	0.30	0.30	0.47	0.36	27.86	ppb
Molybdenum	97-1	0.30	0.35	0.49	0.38	25.53	ppb
Molybdenum	98-1	0.28	0.32	0.47	0.35	27.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.02	0.01	0.03	85.23	ppb
Phosphorus	31-2	6.52	-7.87	-5.49	-2.28		ppb
Potassium	39-2	18.14	6.55	8.40	11.03	56.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	1.04	-0.29	0.23	0.33	203.97	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.80	0.14	1.24	0.73	75.99	ppb
Silicon	28-1	-6.26	-5.43	-5.34	-5.68		ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.12	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.62	ppb
Sodium	23-2	23.73	8.60	8.97	13.77	62.68	ppb
Strontium	86-1	0.50	0.60	0.94	0.68	34.24	ppb
Strontium	88-1	0.44	0.54	0.86	0.61	36.01	ppb
Sulfur	34-1	-1129.28	-992.44	-1024.51	-1048.74		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.07	0.12	0.08	42.00	ppb
Thallium	205-1	0.07	0.07	0.11	0.08	32.12	ppb
Tin	118-1	0.07	0.07	0.08	0.07	6.48	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICB47	Instrumnet Name :	P8
Client Sample ID :	ICB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:22:05	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.26	0.32	0.44	0.34	26.82	ppb
Uranium	238-1	0.05	0.05	0.10	0.07	40.07	ppb
Vanadium	51-2	0.05	0.02	0.03	0.03	44.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	0.28	0.02	-0.18	0.04	555.16	ppb
Zirconium	90-1	0.05	0.05	0.08	0.06	27.67	ppb
Zirconium	91-1	0.05	0.08	0.10	0.08	32.48	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSA48	Instrumnet Name :	P8
Client Sample ID :	ICSA48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:25:19	DataFile Name :	025ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99168.02	96335.14	117829.75	104444.30	11.18	ppb
Antimony	121-1	1.13	1.15	1.08	1.12	2.82	ppb
Arsenic	75-2	0.29	0.33	0.37	0.33	11.77	ppb
Barium	135-1	1.56	1.51	1.50	1.52	1.93	ppb
Barium	137-1	1.69	1.65	1.44	1.59	8.30	ppb
Beryllium	9-1	0.32	0.30	0.30	0.31	4.04	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	10.51	9.49	9.66	9.88	5.57	ppb
Boron	11-1	10.84	10.11	10.06	10.34	4.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.27	0.31	0.25	28.11	ppb
Cadmium	106-1	-11.01	-8.90	-8.03	-9.31		ppb
Cadmium	108-1	11.15	9.39	10.45	10.33	8.58	ppb
Calcium	43-1	101059.61	98617.90	96661.25	98779.58	2.23	ppb
Calcium	44-1	99210.22	96498.03	95657.58	97121.94	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.50	18.30	23.11	20.30	12.34	ppb
Cobalt	59-2	1.16	1.11	1.35	1.21	10.42	ppb
Copper	63-2	7.95	7.57	9.18	8.23	10.19	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				101		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	54-2	103402.06	98425.12	121410.66	107745.95	11.22	ppb
Iron	56-2	103023.60	100588.15	124699.16	109436.97	12.13	ppb
Iron	57-2	102721.62	98667.13	122286.29	107891.68	11.71	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSA48	Instrumnet Name :	P8
Client Sample ID :	ICSA48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:25:19	DataFile Name :	025ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.68	4.80	4.64	4.71	1.70	ppb
Lead	207-1	4.30	4.32	4.45	4.36	1.87	ppb
Lead	208-1	4.45	4.35	4.43	4.41	1.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	96914.39	94950.74	117102.94	102989.36	11.91	ppb
Manganese	55-2	7.39	7.45	8.81	7.88	10.22	ppb
Molybdenum	94-1	1361.28	1330.00	1313.74	1335.00	1.81	ppb
Molybdenum	95-1	1952.28	1872.19	1877.62	1900.69	2.35	ppb
Molybdenum	96-1	1891.14	1867.75	1818.68	1859.19	1.99	ppb
Molybdenum	97-1	1956.11	1926.66	1912.38	1931.72	1.15	ppb
Molybdenum	98-1	1942.14	1910.24	1894.08	1915.49	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	5.00	6.24	5.47	12.32	ppb
Phosphorus	31-2	98834.66	95131.30	117321.77	103762.58	11.46	ppb
Potassium	39-2	96355.65	94210.52	115275.51	101947.23	11.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	0.07	0.37	0.33	0.26	64.87	ppb
Selenium	77-2	-0.33	0.63	-0.33	-0.01		ppb
Selenium	78-2	0.36	0.51	0.74	0.54	35.84	ppb
Silicon	28-1	30.65	26.88	31.33	29.62	8.09	ppb
Silver	107-1	0.06	0.04	0.03	0.04	34.32	ppb
Silver	109-1	0.05	0.04	0.04	0.04	15.30	ppb
Sodium	23-2	102987.52	98157.11	122864.24	108002.95	12.12	ppb
Strontium	86-1	34.55	33.69	33.35	33.86	1.83	ppb
Strontium	88-1	35.19	33.71	34.05	34.32	2.25	ppb
Sulfur	34-1	98067.74	93436.51	96222.73	95909.00	2.43	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	0.06	0.08	0.05	0.07	25.36	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	8.98	ppb
Tin	118-1	0.21	0.20	0.13	0.18	23.11	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSA48	Instrumnet Name :	P8
Client Sample ID :	ICSA48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:25:19	DataFile Name :	025ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2037.91	1955.17	1966.38	1986.49	2.26	ppb
Uranium	238-1	0.06	0.05	0.05	0.06	13.63	ppb
Vanadium	51-2	0.14	0.16	0.18	0.16	11.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	11.39	11.18	14.78	12.45	16.23	ppb
Zirconium	90-1	0.06	0.03	0.04	0.05	28.59	ppb
Zirconium	91-1	0.06	0.05	0.05	0.06	14.04	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSAB48	Instrumnet Name :	P8
Client Sample ID :	ICSAB48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:28:15	DataFile Name :	026ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95411.99	95287.92	97445.62	96048.51	1.26	ppb
Antimony	121-1	21.21	21.35	19.12	20.56	6.09	ppb
Arsenic	75-2	19.89	19.28	20.14	19.77	2.23	ppb
Barium	135-1	21.08	22.04	19.92	21.01	5.05	ppb
Barium	137-1	22.04	21.55	20.36	21.31	4.05	ppb
Beryllium	9-1	19.43	18.95	17.94	18.77	4.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	50.82	50.41	48.81	50.01	2.13	ppb
Boron	11-1	54.62	54.56	54.45	54.54	0.15	ppb
Bromine	81-1						cps
Cadmium	111-1	20.59	20.30	18.59	19.82	5.44	ppb
Cadmium	106-1	12.11	15.62	10.31	12.68	21.32	ppb
Cadmium	108-1	30.67	31.51	28.80	30.33	4.59	ppb
Calcium	43-1	100865.18	96554.48	89088.27	95502.65	6.24	ppb
Calcium	44-1	97558.67	95902.02	89550.17	94336.95	4.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.17	36.69	38.00	37.29	1.78	ppb
Cobalt	59-2	19.88	19.34	20.05	19.76	1.88	ppb
Copper	63-2	25.56	25.31	26.35	25.74	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	101270.19	100513.05	101746.88	101176.71	0.61	ppb
Iron	56-2	101093.63	99735.01	104262.87	101697.17	2.28	ppb
Iron	57-2	99298.81	99484.84	101965.29	100249.65	1.48	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSAB48	Instrumnet Name :	P8
Client Sample ID :	ICSAB48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:28:15	DataFile Name :	026ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.84	24.42	21.91	23.39	5.62	ppb
Lead	207-1	22.53	22.99	20.69	22.07	5.53	ppb
Lead	208-1	22.75	23.09	21.00	22.28	5.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	94033.08	94062.78	95239.85	94445.24	0.73	ppb
Manganese	55-2	24.39	23.78	25.02	24.40	2.53	ppb
Molybdenum	94-1	1380.28	1402.82	1264.70	1349.26	5.49	ppb
Molybdenum	95-1	1897.46	1899.42	1721.09	1839.32	5.57	ppb
Molybdenum	96-1	1849.24	1822.30	1667.20	1779.58	5.52	ppb
Molybdenum	97-1	1885.95	1922.06	1759.24	1855.75	4.61	ppb
Molybdenum	98-1	1882.64	1925.73	1732.16	1846.84	5.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.96	22.86	23.48	23.10	1.43	ppb
Phosphorus	31-2	96609.78	95321.88	98075.91	96669.19	1.43	ppb
Potassium	39-2	95392.76	93992.41	96110.63	95165.27	1.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	19.15	20.37	18.29	19.27	5.42	ppb
Selenium	77-2	15.52	14.66	16.30	15.49	5.29	ppb
Selenium	78-2	20.42	18.07	18.96	19.15	6.21	ppb
Silicon	28-1	33.60	34.35	26.24	31.40	14.28	ppb
Silver	107-1	19.01	19.09	17.64	18.58	4.39	ppb
Silver	109-1	19.38	19.64	17.38	18.80	6.57	ppb
Sodium	23-2	98219.94	98419.78	99924.39	98854.70	0.94	ppb
Strontium	86-1	78.05	78.86	71.95	76.29	4.96	ppb
Strontium	88-1	80.39	80.70	73.42	78.17	5.27	ppb
Sulfur	34-1	97110.15	92051.06	84696.18	91285.80	6.84	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	19.17	19.97	18.27	19.14	4.44	ppb
Thallium	205-1	19.30	19.89	18.07	19.09	4.85	ppb
Tin	118-1	45.38	45.72	42.37	44.49	4.15	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSAB48	Instrumnet Name :	P8
Client Sample ID :	ICSAB48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:28:15	DataFile Name :	026ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1998.94	1952.78	1800.02	1917.25	5.43	ppb
Uranium	238-1	44.81	45.39	41.35	43.85	4.98	ppb
Vanadium	51-2	19.14	18.56	19.24	18.98	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	29.51	29.55	29.72	29.59	0.37	ppb
Zirconium	90-1	45.28	45.62	41.21	44.03	5.57	ppb
Zirconium	91-1	44.50	45.82	40.85	43.72	5.89	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:31:08	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49931.53	50098.01	51722.63	50584.06	1.96	ppb
Antimony	121-1	505.83	502.02	506.83	504.89	0.50	ppb
Arsenic	75-2	485.59	484.95	492.88	487.81	0.90	ppb
Barium	135-1	2568.65	2575.04	2571.34	2571.68	0.12	ppb
Barium	137-1	2548.66	2533.66	2542.90	2541.74	0.30	ppb
Beryllium	9-1	501.29	471.70	494.67	489.22	3.17	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	463.40	450.67	491.53	468.53	4.46	ppb
Boron	11-1	498.38	479.58	525.70	501.22	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	510.70	494.33	494.88	499.97	1.86	ppb
Cadmium	106-1	481.46	491.35	493.14	488.65	1.29	ppb
Cadmium	108-1	501.52	498.02	506.83	502.13	0.88	ppb
Calcium	43-1	250239.13	243605.66	250630.23	248158.34	1.59	ppb
Calcium	44-1	247829.15	241584.25	245574.24	244995.88	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.72	495.77	513.37	501.29	2.09	ppb
Cobalt	59-2	477.95	487.18	490.10	485.07	1.31	ppb
Copper	63-2	4658.94	4843.46	4903.84	4802.08	2.66	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				99		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	124228.43	126588.75	128255.96	126357.71	1.60	ppb
Iron	56-2	123534.45	126727.60	127836.24	126032.77	1.77	ppb
Iron	57-2	123394.42	127157.83	127704.14	126085.46	1.86	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:31:08	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2541.97	2498.45	2584.57	2541.66	1.69	ppb
Lead	207-1	2494.92	2472.40	2617.64	2528.32	3.09	ppb
Lead	208-1	2517.65	2483.14	2598.05	2532.94	2.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	253741.28	257892.13	262887.91	258173.77	1.77	ppb
Manganese	55-2	4771.54	4925.67	4937.64	4878.28	1.90	ppb
Molybdenum	94-1	2504.34	2444.50	2454.69	2467.85	1.30	ppb
Molybdenum	95-1	2494.79	2471.62	2507.62	2491.34	0.73	ppb
Molybdenum	96-1	2535.58	2441.24	2490.36	2489.06	1.90	ppb
Molybdenum	97-1	2470.87	2417.54	2461.37	2449.93	1.16	ppb
Molybdenum	98-1	2478.17	2394.84	2507.82	2460.28	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.06	453.78	474.52	460.12	2.72	ppb
Phosphorus	31-2	10016.14	9918.17	10215.79	10050.04	1.51	ppb
Potassium	39-2	123028.28	124249.29	125550.30	124275.96	1.01	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	481.19	476.72	489.33	482.42	1.33	ppb
Selenium	77-2	477.23	508.18	497.79	494.40	3.19	ppb
Selenium	78-2	473.68	485.71	485.40	481.59	1.42	ppb
Silicon	28-1	474.21	467.56	480.24	474.01	1.34	ppb
Silver	107-1	500.61	511.31	497.82	503.25	1.42	ppb
Silver	109-1	508.94	489.87	509.73	502.84	2.24	ppb
Sodium	23-2	252197.12	251733.51	261979.83	255303.49	2.27	ppb
Strontium	86-1	4984.22	4939.61	4947.07	4956.97	0.48	ppb
Strontium	88-1	5006.53	4884.60	4889.90	4927.01	1.40	ppb
Sulfur	34-1	11292.42	10259.18	10838.57	10796.72	4.80	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	513.57	503.50	513.03	510.03	1.11	ppb
Thallium	205-1	500.92	505.39	514.37	506.90	1.35	ppb
Tin	118-1	508.61	506.27	509.78	508.22	0.35	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:31:08	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2502.62	2433.44	2515.67	2483.91	1.78	ppb
Uranium	238-1	507.78	513.77	526.71	516.09	1.87	ppb
Vanadium	51-2	487.74	505.45	524.27	505.82	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	4635.28	4758.03	4881.36	4758.22	2.59	ppb
Zirconium	90-1	502.55	488.54	497.96	496.35	1.44	ppb
Zirconium	91-1	509.83	500.07	500.90	503.60	1.08	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:36:53	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.22	6.08	8.26	6.85	17.80	ppb
Antimony	121-1	0.14	0.16	0.16	0.16	7.00	ppb
Arsenic	75-2	0.03	0.07	0.06	0.05	36.99	ppb
Barium	135-1	0.46	0.46	0.36	0.43	13.13	ppb
Barium	137-1	0.46	0.46	0.36	0.43	14.43	ppb
Beryllium	9-1	0.11	0.09	0.10	0.10	9.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	15.60	14.81	15.22	15.21	2.62	ppb
Boron	11-1	16.05	15.57	15.71	15.78	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.04	-0.02	-0.02		ppb
Cadmium	106-1	-9.59	-12.11	-10.66	-10.79		ppb
Cadmium	108-1	0.21	0.04	0.08	0.11	80.60	ppb
Calcium	43-1	56.69	45.16	39.29	47.05	18.81	ppb
Calcium	44-1	60.89	58.92	49.24	56.35	11.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.06	0.05	21.17	ppb
Cobalt	59-2	0.04	0.04	0.06	0.04	29.70	ppb
Copper	63-2	0.39	0.38	0.50	0.42	15.85	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				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	12.78	11.91	16.01	13.56	15.93	ppb
Iron	56-2	11.93	11.87	15.40	13.07	15.45	ppb
Iron	57-2	11.99	10.71	13.49	12.06	11.56	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:36:53	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.53	0.49	0.41	0.47	12.97	ppb
Lead	207-1	0.57	0.49	0.31	0.46	28.38	ppb
Lead	208-1	0.52	0.47	0.39	0.46	13.85	ppb
Lithium	6-1				103		%
Magnesium	24-2	22.20	20.93	26.56	23.23	12.72	ppb
Manganese	55-2	0.39	0.31	0.45	0.38	19.07	ppb
Molybdenum	94-1	0.54	0.60	0.47	0.54	12.19	ppb
Molybdenum	95-1	0.65	0.58	0.51	0.58	12.23	ppb
Molybdenum	96-1	0.62	0.55	0.47	0.55	13.86	ppb
Molybdenum	97-1	0.59	0.63	0.54	0.58	8.00	ppb
Molybdenum	98-1	0.68	0.61	0.47	0.59	18.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.06	0.04	49.92	ppb
Phosphorus	31-2	3.53	-0.69	5.11	2.65	113.20	ppb
Potassium	39-2	25.93	24.21	32.47	27.54	15.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	-0.02	0.12	-0.36	-0.09		ppb
Selenium	77-2	0.15	-0.33	0.17	0.00		ppb
Selenium	78-2	0.34	0.21	0.59	0.38	50.36	ppb
Silicon	28-1	-9.51	-6.62	-8.31	-8.15		ppb
Silver	107-1	0.03	0.04	0.04	0.04	13.63	ppb
Silver	109-1	0.05	0.04	0.04	0.04	14.92	ppb
Sodium	23-2	40.49	39.50	45.15	41.72	7.24	ppb
Strontium	86-1	0.83	0.82	0.70	0.79	9.44	ppb
Strontium	88-1	0.91	0.82	0.72	0.82	11.66	ppb
Sulfur	34-1	-1605.60	-1353.46	-1691.06	-1550.04		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.14	0.10	0.12	17.90	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	17.70	ppb
Tin	118-1	0.02	0.02	0.04	0.03	41.22	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:36:53	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.46	0.50	0.50	8.03	ppb
Uranium	238-1	0.10	0.10	0.08	0.09	10.57	ppb
Vanadium	51-2	0.02	0.02	0.05	0.03	47.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.05	-0.19	0.05	-0.03		ppb
Zirconium	90-1	0.11	0.11	0.07	0.10	23.57	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	17.78	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4094-11A	Instrumnet Name :	P8
Client Sample ID :	MH1DA5A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:48:22	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31042.71	30871.56	30632.90	30849.06	0.67	ppb
Antimony	121-1	16.97	17.60	17.75	17.44	2.36	ppb
Arsenic	75-2	40.41	39.18	39.49	39.69	1.61	ppb
Barium	135-1	873.51	904.95	919.86	899.44	2.63	ppb
Barium	137-1	872.96	894.63	919.96	895.85	2.63	ppb
Beryllium	9-1	2.59	2.72	2.81	2.71	3.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	42.11	44.42	43.84	43.46	2.77	ppb
Boron	11-1	43.14	46.93	46.51	45.53	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	15.49	15.94	16.43	15.95	2.94	ppb
Cadmium	106-1	5.18	5.33	8.28	6.26	27.99	ppb
Cadmium	108-1	15.25	15.97	16.53	15.92	4.03	ppb
Calcium	43-1	110340.70	113557.81	111518.51	111805.68	1.46	ppb
Calcium	44-1	108798.72	112977.25	109801.75	110525.91	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.13	53.01	52.84	52.66	0.89	ppb
Cobalt	59-2	26.82	26.48	26.48	26.59	0.75	ppb
Copper	63-2	201.34	203.11	202.61	202.35	0.45	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				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	78943.50	78569.65	78049.06	78520.74	0.57	ppb
Iron	56-2	79696.18	78699.83	78933.37	79109.79	0.66	ppb
Iron	57-2	77400.76	78460.57	78175.22	78012.18	0.70	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4094-11A	Instrumnet Name :	P8
Client Sample ID :	MH1DA5A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:48:22	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1478.53	1401.92	1503.35	1461.27	3.62	ppb
Lead	207-1	1422.18	1383.79	1404.57	1403.51	1.37	ppb
Lead	208-1	1444.81	1414.00	1448.80	1435.87	1.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	15623.06	15715.96	15198.29	15512.44	1.78	ppb
Manganese	55-2	1737.69	1732.63	1730.44	1733.59	0.21	ppb
Molybdenum	94-1	7.68	7.97	8.47	8.04	4.94	ppb
Molybdenum	95-1	4.59	4.75	5.52	4.95	10.09	ppb
Molybdenum	96-1	5.47	5.57	6.51	5.85	9.87	ppb
Molybdenum	97-1	4.60	4.64	5.67	4.97	12.24	ppb
Molybdenum	98-1	4.51	4.49	5.49	4.83	11.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.50	68.37	67.65	67.84	0.68	ppb
Phosphorus	31-2	5813.08	5830.45	5669.95	5771.16	1.53	ppb
Potassium	39-2	9216.95	9176.87	9060.36	9151.40	0.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	3.18	3.08	3.40	3.22	4.99	ppb
Selenium	77-2	52.82	46.85	54.35	51.34	7.72	ppb
Selenium	78-2	10.80	10.95	11.31	11.02	2.38	ppb
Silicon	28-1	5188.13	5214.25	5088.47	5163.62	1.29	ppb
Silver	107-1	3.34	3.42	3.36	3.37	1.20	ppb
Silver	109-1	3.42	3.48	3.56	3.49	1.99	ppb
Sodium	23-2	814.32	808.96	790.51	804.60	1.55	ppb
Strontium	86-1	377.68	376.69	386.37	380.25	1.40	ppb
Strontium	88-1	377.60	374.74	380.37	377.57	0.74	ppb
Sulfur	34-1	-226.50	-5.87	-204.65	-145.67		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.93	0.90	1.13	0.98	12.68	ppb
Thallium	205-1	0.92	0.88	1.14	0.98	14.12	ppb
Tin	118-1	20.92	21.16	21.04	21.04	0.57	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4094-11A	Instrumnet Name :	P8
Client Sample ID :	MH1DA5A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:48:22	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	438.29	442.61	440.34	440.41	0.49	ppb
Uranium	238-1	5.09	5.03	5.29	5.14	2.69	ppb
Vanadium	51-2	138.16	138.52	136.66	137.78	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	2089.81	2073.07	2078.27	2080.38	0.41	ppb
Zirconium	90-1	2.94	3.01	3.08	3.01	2.23	ppb
Zirconium	91-1	2.95	2.94	3.10	3.00	2.98	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:51:44	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49744.90	51032.19	49542.74	50106.61	1.61	ppb
Antimony	121-1	490.90	488.48	496.42	491.93	0.83	ppb
Arsenic	75-2	500.07	492.53	494.17	495.59	0.80	ppb
Barium	135-1	2513.11	2476.34	2526.04	2505.16	1.03	ppb
Barium	137-1	2532.65	2536.18	2503.59	2524.14	0.71	ppb
Beryllium	9-1	485.61	490.23	478.55	484.80	1.21	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	435.89	467.65	485.03	462.86	5.38	ppb
Boron	11-1	482.74	498.49	510.29	497.17	2.78	ppb
Bromine	81-1						cps
Cadmium	111-1	486.27	492.39	480.11	486.25	1.26	ppb
Cadmium	106-1	479.64	484.98	485.50	483.37	0.67	ppb
Cadmium	108-1	499.47	493.20	497.19	496.62	0.64	ppb
Calcium	43-1	235267.74	245555.94	247322.27	242715.32	2.68	ppb
Calcium	44-1	232748.32	246016.39	242889.49	240551.40	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.26	485.21	473.16	482.21	1.66	ppb
Cobalt	59-2	467.41	462.07	465.19	464.89	0.58	ppb
Copper	63-2	4779.13	4854.40	4717.01	4783.51	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	123425.76	122357.20	121203.12	122328.69	0.91	ppb
Iron	56-2	123300.76	122703.82	122200.60	122735.06	0.45	ppb
Iron	57-2	123197.87	122527.38	119990.13	121905.13	1.39	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:51:44	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2459.30	2570.45	2561.93	2530.56	2.44	ppb
Lead	207-1	2474.34	2547.81	2513.11	2511.75	1.46	ppb
Lead	208-1	2467.96	2536.91	2506.22	2503.70	1.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	246547.17	252639.06	247851.50	249012.58	1.29	ppb
Manganese	55-2	4724.96	4652.25	4640.15	4672.46	0.98	ppb
Molybdenum	94-1	2569.09	2441.02	2505.14	2505.08	2.56	ppb
Molybdenum	95-1	2531.68	2451.91	2541.12	2508.24	1.95	ppb
Molybdenum	96-1	2554.73	2477.37	2511.06	2514.39	1.54	ppb
Molybdenum	97-1	2497.01	2456.45	2525.74	2493.07	1.40	ppb
Molybdenum	98-1	2513.84	2467.97	2474.53	2485.45	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.34	453.93	452.37	452.21	0.40	ppb
Phosphorus	31-2	9609.97	9610.22	9517.32	9579.17	0.56	ppb
Potassium	39-2	122046.64	121381.28	121198.20	121542.04	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	517.46	513.17	516.27	515.63	0.43	ppb
Selenium	77-2	509.43	508.08	533.86	517.12	2.81	ppb
Selenium	78-2	500.62	495.25	503.50	499.79	0.84	ppb
Silicon	28-1	484.51	514.19	531.64	510.11	4.67	ppb
Silver	107-1	530.18	525.67	511.09	522.31	1.91	ppb
Silver	109-1	514.25	529.41	526.57	523.41	1.54	ppb
Sodium	23-2	253717.03	249184.14	251426.87	251442.68	0.90	ppb
Strontium	86-1	5083.29	4949.44	4964.12	4998.95	1.47	ppb
Strontium	88-1	5039.06	4965.33	5038.93	5014.44	0.85	ppb
Sulfur	34-1	11286.37	9187.13	9358.57	9944.02	11.72	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	489.18	518.66	511.43	506.43	3.03	ppb
Thallium	205-1	483.84	510.89	508.45	501.06	2.99	ppb
Tin	118-1	515.86	496.66	512.26	508.26	2.01	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:51:44	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2443.99	2491.56	2536.66	2490.74	1.86	ppb
Uranium	238-1	504.85	514.43	519.81	513.03	1.48	ppb
Vanadium	51-2	491.23	490.27	486.88	489.46	0.47	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	4791.28	4755.86	4864.21	4803.78	1.15	ppb
Zirconium	90-1	501.54	492.45	494.49	496.16	0.96	ppb
Zirconium	91-1	518.96	507.80	502.58	509.78	1.64	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:57:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.02	9.45	10.47	10.65	12.15	ppb
Antimony	121-1	0.12	0.11	0.14	0.12	12.07	ppb
Arsenic	75-2	0.04	0.05	0.02	0.04	42.86	ppb
Barium	135-1	0.31	0.38	0.34	0.35	10.64	ppb
Barium	137-1	0.39	0.41	0.37	0.39	5.11	ppb
Beryllium	9-1	0.09	0.10	0.10	0.10	5.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	15.18	14.89	14.04	14.70	4.04	ppb
Boron	11-1	16.70	15.95	14.95	15.87	5.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-10.21	-11.18	-10.49	-10.62		ppb
Cadmium	108-1	0.17	-0.10	0.12	0.07	217.16	ppb
Calcium	43-1	40.12	39.29	37.58	38.99	3.33	ppb
Calcium	44-1	43.00	41.54	46.10	43.55	5.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.05	0.09	0.07	34.23	ppb
Cobalt	59-2	0.08	0.06	0.08	0.07	11.68	ppb
Copper	63-2	0.76	0.67	0.66	0.70	8.19	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				102		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	23.05	20.35	20.49	21.30	7.14	ppb
Iron	56-2	23.01	21.49	20.65	21.71	5.51	ppb
Iron	57-2	21.53	20.67	18.03	20.08	9.09	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:57:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.43	0.37	0.40	7.95	ppb
Lead	207-1	0.37	0.38	0.42	0.39	6.56	ppb
Lead	208-1	0.40	0.40	0.42	0.41	2.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	43.22	34.33	35.81	37.78	12.60	ppb
Manganese	55-2	0.67	0.65	0.67	0.66	1.59	ppb
Molybdenum	94-1	0.55	0.52	0.41	0.49	14.24	ppb
Molybdenum	95-1	0.47	0.48	0.54	0.50	6.92	ppb
Molybdenum	96-1	0.50	0.47	0.45	0.47	4.79	ppb
Molybdenum	97-1	0.43	0.47	0.43	0.44	5.47	ppb
Molybdenum	98-1	0.50	0.45	0.53	0.49	7.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.06	0.06	0.06	17.63	ppb
Phosphorus	31-2	11.27	10.89	-0.20	7.32	89.03	ppb
Potassium	39-2	27.43	31.65	28.06	29.04	7.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.28	-0.12	0.40	0.19	147.67	ppb
Selenium	77-2	-0.33	-0.33	0.16	-0.17		ppb
Selenium	78-2	0.23	0.28	1.62	0.71	111.57	ppb
Silicon	28-1	-9.52	-10.61	-8.00	-9.38		ppb
Silver	107-1	0.05	0.04	0.04	0.04	6.54	ppb
Silver	109-1	0.02	0.02	0.04	0.03	28.59	ppb
Sodium	23-2	63.21	50.75	54.54	56.17	11.37	ppb
Strontium	86-1	0.63	0.75	0.60	0.66	12.46	ppb
Strontium	88-1	0.71	0.75	0.71	0.72	3.75	ppb
Sulfur	34-1	-1764.85	-1712.76	-1501.32	-1659.64		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.13	0.09	0.10	23.70	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.00	ppb
Tin	118-1	0.06	0.03	0.02	0.04	48.27	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:57:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.55	0.31	0.41	0.42	28.16	ppb
Uranium	238-1	0.08	0.07	0.08	0.07	4.61	ppb
Vanadium	51-2	0.08	0.08	0.07	0.08	9.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.76	0.43	0.21	0.46	59.94	ppb
Zirconium	90-1	0.08	0.06	0.09	0.08	19.39	ppb
Zirconium	91-1	0.06	0.09	0.05	0.07	35.27	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:18:34	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.16	20.27	20.38	20.27	0.53	ppb
Antimony	121-1	1.95	1.81	1.90	1.89	3.57	ppb
Arsenic	75-2	0.86	0.93	0.86	0.88	4.42	ppb
Barium	135-1	9.19	9.50	9.63	9.44	2.42	ppb
Barium	137-1	9.53	9.36	9.24	9.37	1.52	ppb
Beryllium	9-1	0.92	0.90	0.95	0.92	2.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	22.70	22.68	26.29	23.89	8.70	ppb
Boron	11-1	24.11	25.47	27.59	25.73	6.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.86	0.86	0.79	0.84	4.89	ppb
Cadmium	106-1	-8.19	-10.32	-10.10	-9.54		ppb
Cadmium	108-1	0.72	0.94	0.77	0.81	14.21	ppb
Calcium	43-1	457.71	461.13	460.09	459.65	0.38	ppb
Calcium	44-1	459.73	466.36	458.75	461.61	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.79	1.76	1.82	4.07	ppb
Cobalt	59-2	0.90	0.86	0.89	0.88	2.13	ppb
Copper	63-2	1.73	1.66	1.71	1.70	2.32	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				102		%
Indium	115-2				102		%
Iron	54-2	49.99	48.11	50.86	49.66	2.83	ppb
Iron	56-2	49.65	48.64	48.92	49.07	1.06	ppb
Iron	57-2	45.45	52.41	45.66	47.84	8.28	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:18:34	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.04	0.99	0.94	0.99	5.32	ppb
Lead	207-1	0.99	1.02	0.93	0.98	4.54	ppb
Lead	208-1	1.00	0.97	0.91	0.96	5.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	467.88	463.68	471.82	467.79	0.87	ppb
Manganese	55-2	0.95	0.91	0.97	0.94	3.02	ppb
Molybdenum	94-1	4.67	4.60	4.61	4.62	0.87	ppb
Molybdenum	95-1	4.63	4.77	4.67	4.69	1.48	ppb
Molybdenum	96-1	4.63	4.70	4.64	4.66	0.83	ppb
Molybdenum	97-1	4.60	4.83	4.89	4.77	3.24	ppb
Molybdenum	98-1	4.54	4.60	4.88	4.67	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.89	0.87	0.90	3.42	ppb
Phosphorus	31-2	-7.54	3.40	1.92	-0.74		ppb
Potassium	39-2	449.57	449.54	442.60	447.24	0.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	4.28	5.64	4.29	4.74	16.58	ppb
Selenium	77-2	4.00	2.50	4.52	3.67	28.58	ppb
Selenium	78-2	5.86	4.42	6.07	5.45	16.47	ppb
Silicon	28-1	1.70	3.26	3.40	2.79	33.86	ppb
Silver	107-1	0.95	0.88	0.97	0.94	5.06	ppb
Silver	109-1	0.93	0.92	0.91	0.92	0.97	ppb
Sodium	23-2	473.48	465.23	463.40	467.37	1.15	ppb
Strontium	86-1	1.24	1.38	1.18	1.27	8.29	ppb
Strontium	88-1	1.28	1.23	1.09	1.20	8.17	ppb
Sulfur	34-1	-957.62	-832.25	-666.49	-818.79		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.94	0.94	0.88	0.92	3.88	ppb
Thallium	205-1	0.94	0.91	0.92	0.92	1.14	ppb
Tin	118-1	4.79	4.46	4.65	4.63	3.47	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:18:34	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.04	4.59	5.02	4.88	5.18	ppb
Uranium	238-1	0.90	0.87	0.85	0.87	3.03	ppb
Vanadium	51-2	4.56	4.58	4.46	4.54	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.75	1.57	1.86	1.72	8.49	ppb
Zirconium	90-1	0.90	0.88	0.90	0.89	1.47	ppb
Zirconium	91-1	0.85	0.83	0.91	0.87	4.74	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:23:39	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.12	11.80	12.65	12.52	5.32	ppb
Antimony	121-1	0.81	0.78	0.83	0.81	3.09	ppb
Arsenic	75-2	1.55	1.30	1.39	1.41	9.06	ppb
Barium	135-1	56.80	57.66	57.40	57.29	0.78	ppb
Barium	137-1	57.99	57.82	57.79	57.87	0.19	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	43.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	332.19	362.43	379.40	358.01	6.68	ppb
Boron	11-1	372.56	400.67	412.86	395.37	5.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.13	-0.09	-0.11		ppb
Cadmium	106-1	-9.99	-13.37	-9.07	-10.81		ppb
Cadmium	108-1	-0.20	-0.23	-0.13	-0.19		ppb
Calcium	43-1	110787.90	109905.47	104775.75	108489.70	2.99	ppb
Calcium	44-1	107162.21	107815.20	104883.19	106620.20	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.15	1.06	1.02	1.08	6.49	ppb
Cobalt	59-2	0.76	0.75	0.75	0.75	0.28	ppb
Copper	63-2	11.45	11.03	10.91	11.13	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	308.01	280.29	276.14	288.15	6.01	ppb
Iron	56-2	310.15	287.81	280.27	292.74	5.31	ppb
Iron	57-2	346.63	321.92	316.57	328.37	4.88	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:23:39	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.07	0.09	17.46	ppb
Lead	207-1	0.07	0.06	0.07	0.07	10.01	ppb
Lead	208-1	0.08	0.08	0.07	0.08	9.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	8172.49	7836.81	7584.03	7864.45	3.75	ppb
Manganese	55-2	667.28	630.94	607.07	635.10	4.77	ppb
Molybdenum	94-1	1.77	1.62	1.57	1.65	6.06	ppb
Molybdenum	95-1	1.99	1.84	1.92	1.92	3.70	ppb
Molybdenum	96-1	1.86	1.85	1.94	1.88	2.48	ppb
Molybdenum	97-1	1.92	2.15	2.03	2.03	5.72	ppb
Molybdenum	98-1	1.96	1.91	1.96	1.94	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.15	13.32	13.50	13.99	7.22	ppb
Phosphorus	31-2	439.21	387.31	406.18	410.90	6.39	ppb
Potassium	39-2	12257.63	11546.48	11378.77	11727.62	3.98	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.53	0.45	0.29	0.42	28.22	ppb
Selenium	77-2	0.17	0.15	0.14	0.15	11.48	ppb
Selenium	78-2	1.30	1.24	-0.06	0.83	93.48	ppb
Silicon	28-1	6193.44	5960.51	5737.17	5963.71	3.83	ppb
Silver	107-1	0.00	0.00	0.00	0.00	24.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00	65.99	ppb
Sodium	23-2	50636.65	47847.63	46562.84	48349.04	4.31	ppb
Strontium	86-1	405.90	407.47	404.85	406.07	0.33	ppb
Strontium	88-1	404.61	401.82	402.48	402.97	0.36	ppb
Sulfur	34-1	53616.74	51953.53	48839.29	51469.85	4.71	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	0.00	-0.03	-0.01		ppb
Tin	118-1	-0.06	-0.08	-0.06	-0.07		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:23:39	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.79	0.87	0.79	0.81	6.04	ppb
Uranium	238-1	0.14	0.16	0.13	0.15	10.51	ppb
Vanadium	51-2	1.26	1.16	1.14	1.18	5.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	22.07	19.38	19.35	20.27	7.70	ppb
Zirconium	90-1	0.13	0.13	0.14	0.13	3.96	ppb
Zirconium	91-1	0.13	0.11	0.11	0.12	7.85	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 13:29:29	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	3.03	2.49	2.98	15.48	ppb
Antimony	121-1	0.18	0.15	0.16	0.16	7.21	ppb
Arsenic	75-2	0.21	0.23	0.25	0.23	8.91	ppb
Barium	135-1	11.07	11.19	12.58	11.61	7.22	ppb
Barium	137-1	11.27	10.42	12.90	11.53	10.93	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	82.28	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	98.69	102.82	117.47	106.33	9.28	ppb
Boron	11-1	110.70	109.70	127.36	115.92	8.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.11	-0.10	-0.11		ppb
Cadmium	106-1	-12.07	-10.03	-8.81	-10.30		ppb
Cadmium	108-1	-0.16	-0.21	-0.01	-0.12		ppb
Calcium	43-1	19473.83	19121.87	22521.56	20372.42	9.18	ppb
Calcium	44-1	19986.27	19599.76	22854.91	20813.65	8.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.21	0.18	0.21	13.86	ppb
Cobalt	59-2	0.14	0.13	0.13	0.13	3.64	ppb
Copper	63-2	2.16	2.13	2.16	2.15	0.69	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				99		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	53.78	54.18	56.64	54.87	2.82	ppb
Iron	56-2	56.35	55.42	55.68	55.82	0.86	ppb
Iron	57-2	65.24	58.26	60.74	61.41	5.77	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 13:29:29	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.01	-0.01	0.01	265.51	ppb
Lead	207-1	-0.03	0.00	0.06	0.01	396.22	ppb
Lead	208-1	-0.02	-0.01	0.03	0.00	2411.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	1443.58	1428.93	1419.58	1430.70	0.85	ppb
Manganese	55-2	121.42	118.27	120.41	120.03	1.34	ppb
Molybdenum	94-1	0.32	0.35	0.37	0.35	8.00	ppb
Molybdenum	95-1	0.44	0.40	0.46	0.43	7.47	ppb
Molybdenum	96-1	0.38	0.41	0.45	0.41	8.13	ppb
Molybdenum	97-1	0.38	0.39	0.37	0.38	3.07	ppb
Molybdenum	98-1	0.42	0.42	0.46	0.43	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.76	2.69	2.73	2.73	1.27	ppb
Phosphorus	31-2	75.96	70.66	67.48	71.37	6.00	ppb
Potassium	39-2	2143.98	2128.80	2130.50	2134.43	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-0.10	0.45	0.05	0.13	210.85	ppb
Selenium	77-2	-0.33	0.13	-0.33	-0.18		ppb
Selenium	78-2	0.52	0.45	0.03	0.34	79.54	ppb
Silicon	28-1	1106.93	1124.45	1284.86	1172.08	8.37	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1383.97	ppb
Sodium	23-2	9263.95	9382.17	8996.60	9214.24	2.14	ppb
Strontium	86-1	76.49	75.31	86.07	79.29	7.44	ppb
Strontium	88-1	79.36	77.85	89.54	82.25	7.73	ppb
Sulfur	34-1	9225.82	9120.43	11695.98	10014.08	14.55	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.04	-0.09	0.03	-0.03		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 13:29:29	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.18	0.19	0.13	67.87	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	9.15	ppb
Vanadium	51-2	0.22	0.22	0.21	0.22	2.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	5.00	4.43	4.60	4.68	6.29	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.42	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	24.13	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:32:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9326.98	9325.87	9602.74	9418.53	1.69	ppb
Antimony	121-1	491.47	493.26	499.85	494.86	0.89	ppb
Arsenic	75-2	499.24	488.86	512.18	500.10	2.34	ppb
Barium	135-1	2470.34	2500.31	2477.37	2482.68	0.63	ppb
Barium	137-1	2473.32	2479.65	2525.65	2492.87	1.15	ppb
Beryllium	9-1	475.00	482.69	480.28	479.32	0.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	731.90	772.03	797.36	767.10	4.30	ppb
Boron	11-1	726.69	794.12	804.38	775.06	5.45	ppb
Bromine	81-1						cps
Cadmium	111-1	490.28	493.52	492.22	492.01	0.33	ppb
Cadmium	106-1	489.02	491.38	486.00	488.80	0.55	ppb
Cadmium	108-1	493.29	492.32	494.03	493.21	0.17	ppb
Calcium	43-1	145805.11	145879.00	144466.16	145383.42	0.55	ppb
Calcium	44-1	143396.97	145122.98	143319.04	143946.33	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.56	478.03	488.79	483.79	1.12	ppb
Cobalt	59-2	468.28	479.34	482.48	476.70	1.56	ppb
Copper	63-2	5144.02	5115.84	5195.21	5151.69	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				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	24982.61	25249.00	25338.78	25190.13	0.74	ppb
Iron	56-2	24960.88	25051.43	25321.47	25111.26	0.75	ppb
Iron	57-2	24948.30	25361.19	25609.08	25306.19	1.32	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:32:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2396.23	2485.70	2481.01	2454.31	2.05	ppb
Lead	207-1	2362.43	2494.73	2444.97	2434.04	2.75	ppb
Lead	208-1	2393.57	2446.49	2464.86	2434.97	1.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	56240.74	55281.94	56742.22	56088.30	1.32	ppb
Manganese	55-2	5672.70	5727.91	5802.51	5734.37	1.14	ppb
Molybdenum	94-1	2367.14	2402.26	2377.31	2382.24	0.76	ppb
Molybdenum	95-1	2369.07	2407.33	2389.21	2388.54	0.80	ppb
Molybdenum	96-1	2365.29	2398.35	2352.02	2371.89	1.01	ppb
Molybdenum	97-1	2368.96	2351.53	2328.15	2349.54	0.87	ppb
Molybdenum	98-1	2362.38	2391.78	2364.14	2372.77	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.17	467.49	472.96	468.21	0.95	ppb
Phosphorus	31-2	361.35	364.22	349.93	358.50	2.11	ppb
Potassium	39-2	33999.39	33590.35	34000.57	33863.44	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	497.55	504.71	498.38	500.21	0.78	ppb
Selenium	77-2	516.71	486.94	510.06	504.57	3.10	ppb
Selenium	78-2	484.24	479.58	506.86	490.23	2.98	ppb
Silicon	28-1	5899.36	6096.15	6242.45	6079.32	2.83	ppb
Silver	107-1	482.30	402.14	388.23	424.22	11.97	ppb
Silver	109-1	480.68	432.17	395.92	436.26	9.75	ppb
Sodium	23-2	92093.18	91713.19	93884.90	92563.76	1.25	ppb
Strontium	86-1	891.51	891.81	863.85	882.39	1.82	ppb
Strontium	88-1	865.11	894.35	876.33	878.60	1.68	ppb
Sulfur	34-1	44900.39	46906.33	46903.05	46236.59	2.50	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	485.67	495.06	500.31	493.68	1.50	ppb
Thallium	205-1	478.57	486.39	500.66	488.54	2.29	ppb
Tin	118-1	499.43	495.41	491.02	495.29	0.85	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:32:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2401.63	2398.45	2398.62	2399.57	0.07	ppb
Uranium	238-1	470.74	488.92	492.17	483.94	2.39	ppb
Vanadium	51-2	486.35	484.35	499.58	490.10	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	5245.53	5174.69	5159.80	5193.34	0.88	ppb
Zirconium	90-1	473.28	484.88	479.28	479.15	1.21	ppb
Zirconium	91-1	487.29	496.65	476.03	486.66	2.12	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:35:21	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9273.53	9432.92	9993.97	9566.81	3.96	ppb
Antimony	121-1	499.28	487.16	478.66	488.37	2.12	ppb
Arsenic	75-2	486.38	499.21	524.52	503.37	3.86	ppb
Barium	135-1	2484.86	2459.26	2457.62	2467.25	0.62	ppb
Barium	137-1	2497.94	2461.86	2472.77	2477.52	0.75	ppb
Beryllium	9-1	473.57	474.81	477.55	475.31	0.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	811.38	810.53	833.67	818.52	1.60	ppb
Boron	11-1	816.52	810.17	855.08	827.25	2.94	ppb
Bromine	81-1						cps
Cadmium	111-1	506.98	496.61	488.93	497.51	1.82	ppb
Cadmium	106-1	475.87	487.86	484.72	482.82	1.29	ppb
Cadmium	108-1	484.81	477.06	498.58	486.82	2.24	ppb
Calcium	43-1	148656.52	144943.78	146028.97	146543.09	1.30	ppb
Calcium	44-1	147126.69	145871.99	146122.53	146373.74	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.82	478.46	504.56	487.61	3.01	ppb
Cobalt	59-2	479.37	476.81	512.84	489.67	4.11	ppb
Copper	63-2	5109.33	5177.99	5547.86	5278.39	4.47	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				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	24973.13	25564.29	26999.07	25845.49	4.03	ppb
Iron	56-2	25109.68	25081.66	27023.56	25738.30	4.32	ppb
Iron	57-2	25685.63	25066.31	27291.05	26014.33	4.41	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:35:21	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2464.42	2489.83	2463.06	2472.44	0.61	ppb
Lead	207-1	2455.76	2426.74	2479.44	2453.98	1.08	ppb
Lead	208-1	2461.30	2436.37	2450.29	2449.32	0.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	54516.59	56492.70	59045.75	56685.01	4.01	ppb
Manganese	55-2	5697.89	5727.45	6081.22	5835.52	3.66	ppb
Molybdenum	94-1	2257.05	2267.66	2429.22	2317.98	4.16	ppb
Molybdenum	95-1	2321.28	2324.36	2392.99	2346.21	1.73	ppb
Molybdenum	96-1	2341.17	2328.00	2431.67	2366.95	2.38	ppb
Molybdenum	97-1	2303.58	2289.04	2408.85	2333.82	2.80	ppb
Molybdenum	98-1	2324.87	2330.28	2389.15	2348.10	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.32	466.90	493.66	475.63	3.28	ppb
Phosphorus	31-2	377.51	373.32	392.39	381.07	2.63	ppb
Potassium	39-2	33750.82	33862.73	35478.12	34363.89	2.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	487.79	484.94	502.19	491.64	1.88	ppb
Selenium	77-2	474.68	486.41	518.84	493.31	4.64	ppb
Selenium	78-2	476.89	489.53	512.61	493.01	3.67	ppb
Silicon	28-1	5890.74	6053.49	6410.06	6118.10	4.34	ppb
Silver	107-1	506.80	418.23	382.62	435.88	14.67	ppb
Silver	109-1	396.04	414.55	399.99	403.53	2.42	ppb
Sodium	23-2	92961.83	93571.67	97630.91	94721.47	2.68	ppb
Strontium	86-1	871.08	878.10	862.74	870.64	0.88	ppb
Strontium	88-1	862.45	886.02	872.18	873.55	1.36	ppb
Sulfur	34-1	45194.17	45368.79	48343.51	46302.16	3.82	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	507.27	499.88	511.97	506.37	1.20	ppb
Thallium	205-1	489.53	503.10	490.46	494.36	1.53	ppb
Tin	118-1	493.87	481.08	486.84	487.27	1.31	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:35:21	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2322.73	2400.91	2369.21	2364.28	1.66	ppb
Uranium	238-1	493.26	472.30	477.33	480.97	2.27	ppb
Vanadium	51-2	479.59	486.13	523.10	496.27	4.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	5161.74	5201.19	5596.37	5319.77	4.52	ppb
Zirconium	90-1	467.95	461.39	476.65	468.66	1.63	ppb
Zirconium	91-1	472.90	468.37	483.15	474.81	1.59	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:40:09	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9527.59	9429.84	9184.80	9380.74	1.88	ppb
Antimony	121-1	501.98	498.64	505.52	502.05	0.69	ppb
Arsenic	75-2	495.85	505.48	495.23	498.85	1.15	ppb
Barium	135-1	2574.18	2451.75	2539.68	2521.87	2.50	ppb
Barium	137-1	2548.28	2498.85	2603.89	2550.34	2.06	ppb
Beryllium	9-1	472.56	491.65	489.68	484.63	2.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	774.44	801.08	841.70	805.74	4.20	ppb
Boron	11-1	822.76	805.90	886.98	838.55	5.10	ppb
Bromine	81-1						cps
Cadmium	111-1	507.13	496.25	512.75	505.38	1.66	ppb
Cadmium	106-1	487.25	494.95	492.73	491.64	0.81	ppb
Cadmium	108-1	495.51	495.27	502.91	497.90	0.87	ppb
Calcium	43-1	148903.19	146386.33	143734.81	146341.44	1.77	ppb
Calcium	44-1	146058.75	148306.43	140820.26	145061.81	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.73	476.22	473.11	482.69	2.90	ppb
Cobalt	59-2	481.90	485.12	472.96	479.99	1.31	ppb
Copper	63-2	5183.56	5101.91	5013.51	5099.66	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	25636.09	24374.70	25098.95	25036.58	2.53	ppb
Iron	56-2	25376.80	24929.76	25217.88	25174.81	0.90	ppb
Iron	57-2	25553.42	25059.46	25303.16	25305.35	0.98	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:40:09	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2438.69	2457.71	2440.62	2445.67	0.43	ppb
Lead	207-1	2463.40	2480.73	2464.05	2469.39	0.40	ppb
Lead	208-1	2443.25	2472.04	2424.77	2446.69	0.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	55417.36	55338.44	54946.58	55234.12	0.46	ppb
Manganese	55-2	5941.33	5654.89	5760.48	5785.56	2.50	ppb
Molybdenum	94-1	2351.01	2381.21	2388.15	2373.45	0.83	ppb
Molybdenum	95-1	2360.48	2387.41	2360.04	2369.31	0.66	ppb
Molybdenum	96-1	2344.27	2389.70	2384.39	2372.79	1.05	ppb
Molybdenum	97-1	2322.31	2385.38	2409.87	2372.52	1.90	ppb
Molybdenum	98-1	2334.31	2402.60	2410.51	2382.47	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.48	464.67	456.39	463.52	1.43	ppb
Phosphorus	31-2	390.94	385.63	334.18	370.25	8.47	ppb
Potassium	39-2	33990.32	33639.68	33260.10	33630.04	1.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	482.95	507.21	499.35	496.50	2.49	ppb
Selenium	77-2	490.68	523.62	458.21	490.84	6.66	ppb
Selenium	78-2	490.07	501.34	469.35	486.92	3.33	ppb
Silicon	28-1	6240.92	5866.79	6050.51	6052.74	3.09	ppb
Silver	107-1	467.45	476.74	436.65	460.28	4.56	ppb
Silver	109-1	399.53	454.91	477.65	444.03	9.05	ppb
Sodium	23-2	91179.05	90323.67	91397.09	90966.60	0.62	ppb
Strontium	86-1	855.97	902.95	878.28	879.07	2.67	ppb
Strontium	88-1	860.74	892.01	876.83	876.53	1.78	ppb
Sulfur	34-1	47225.88	44004.85	44099.08	45109.94	4.06	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	496.62	506.19	504.53	502.45	1.02	ppb
Thallium	205-1	488.07	495.24	486.74	490.02	0.93	ppb
Tin	118-1	508.11	497.40	502.32	502.61	1.07	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:40:09	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2352.31	2388.09	2350.97	2363.79	0.89	ppb
Uranium	238-1	482.18	502.26	487.95	490.80	2.11	ppb
Vanadium	51-2	503.83	479.25	477.78	486.95	3.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	5216.81	5277.81	5145.15	5213.26	1.27	ppb
Zirconium	90-1	467.53	480.17	470.08	472.59	1.41	ppb
Zirconium	91-1	472.26	482.22	481.34	478.61	1.15	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:44:04	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52201.92	51506.45	50229.03	51312.47	1.95	ppb
Antimony	121-1	510.00	490.82	544.75	515.19	5.31	ppb
Arsenic	75-2	505.32	496.17	503.68	501.72	0.97	ppb
Barium	135-1	2532.34	2516.00	2697.33	2581.89	3.88	ppb
Barium	137-1	2524.63	2525.55	2770.51	2606.90	5.44	ppb
Beryllium	9-1	481.14	481.71	524.50	495.78	5.02	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	536.43	549.80	596.17	560.80	5.59	ppb
Boron	11-1	567.11	579.85	634.29	593.75	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	489.09	484.94	522.18	498.74	4.09	ppb
Cadmium	106-1	478.21	478.74	531.22	496.06	6.14	ppb
Cadmium	108-1	492.98	498.35	540.06	510.46	5.05	ppb
Calcium	43-1	250943.77	242725.15	266361.06	253343.33	4.74	ppb
Calcium	44-1	249951.99	236397.93	261888.81	249412.91	5.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.51	486.50	479.12	486.71	1.58	ppb
Cobalt	59-2	480.19	477.91	474.02	477.37	0.65	ppb
Copper	63-2	5083.43	4879.08	4914.94	4959.15	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	126586.41	124223.88	122252.32	124354.20	1.75	ppb
Iron	56-2	127641.77	126030.17	122951.09	125541.01	1.90	ppb
Iron	57-2	124991.82	124019.60	124142.90	124384.77	0.43	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:44:04	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2549.84	2466.39	2675.99	2564.07	4.12	ppb
Lead	207-1	2517.14	2454.90	2661.92	2544.66	4.17	ppb
Lead	208-1	2515.19	2438.60	2655.49	2536.43	4.34	ppb
Lithium	6-1				97		%
Magnesium	24-2	257569.71	253754.33	248340.85	253221.63	1.83	ppb
Manganese	55-2	4916.97	4786.39	4720.85	4808.07	2.08	ppb
Molybdenum	94-1	2472.66	2389.93	2655.57	2506.05	5.42	ppb
Molybdenum	95-1	2466.13	2413.13	2649.02	2509.43	4.93	ppb
Molybdenum	96-1	2450.88	2413.71	2614.23	2492.94	4.28	ppb
Molybdenum	97-1	2447.91	2413.19	2602.48	2487.86	4.05	ppb
Molybdenum	98-1	2435.82	2438.85	2573.58	2482.75	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.08	462.37	456.70	463.72	1.68	ppb
Phosphorus	31-2	10083.09	9912.64	9855.58	9950.44	1.19	ppb
Potassium	39-2	123443.32	121930.97	122151.43	122508.57	0.67	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	506.35	504.81	543.34	518.17	4.21	ppb
Selenium	77-2	528.56	493.84	495.55	505.99	3.87	ppb
Selenium	78-2	520.71	499.32	503.33	507.79	2.24	ppb
Silicon	28-1	498.62	502.00	562.91	521.18	6.94	ppb
Silver	107-1	528.73	522.86	560.76	537.45	3.80	ppb
Silver	109-1	518.59	522.97	560.64	534.07	4.33	ppb
Sodium	23-2	257120.60	251294.63	254062.04	254159.09	1.15	ppb
Strontium	86-1	4930.67	4941.78	5244.08	5038.84	3.53	ppb
Strontium	88-1	4891.89	4854.18	5167.92	4971.33	3.45	ppb
Sulfur	34-1	11264.55	10575.11	12474.83	11438.16	8.41	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	523.22	489.11	546.87	519.73	5.59	ppb
Thallium	205-1	513.61	488.03	535.18	512.27	4.61	ppb
Tin	118-1	507.87	507.76	553.11	522.91	5.00	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:44:04	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2455.17	2392.62	2672.82	2506.87	5.87	ppb
Uranium	238-1	511.48	479.58	537.89	509.65	5.73	ppb
Vanadium	51-2	511.47	498.51	482.12	497.37	2.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5030.70	4879.35	4891.89	4933.98	1.70	ppb
Zirconium	90-1	493.23	485.82	534.61	504.55	5.21	ppb
Zirconium	91-1	500.06	494.04	551.86	515.32	6.17	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:55:32	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	1.61	1.28	1.43	11.93	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	13.78	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	0.11	0.08	0.07	0.09	21.38	ppb
Barium	137-1	0.10	0.07	0.07	0.08	20.61	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.78	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	44.45	43.47	43.17	43.70	1.54	ppb
Boron	11-1	45.94	47.87	45.61	46.47	2.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.13	-0.12	-0.11		ppb
Cadmium	106-1	-10.53	-14.41	-12.46	-12.47		ppb
Cadmium	108-1	-0.20	0.00	0.11	-0.03		ppb
Calcium	43-1	3.58	2.95	3.27	3.27	9.63	ppb
Calcium	44-1	5.58	3.59	3.28	4.15	30.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.03	0.02	0.02	161.50	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	48.61	ppb
Copper	63-2	0.12	0.13	0.10	0.12	14.79	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				99		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	1.85	1.78	1.20	1.61	22.11	ppb
Iron	56-2	2.61	2.50	1.86	2.33	17.45	ppb
Iron	57-2	1.90	2.60	0.84	1.78	49.71	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:55:32	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.07	0.09	0.09	24.72	ppb
Lead	207-1	0.09	0.05	0.09	0.08	27.83	ppb
Lead	208-1	0.10	0.07	0.09	0.09	21.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.19	4.83	3.31	4.44	22.46	ppb
Manganese	55-2	0.12	0.11	0.09	0.11	15.45	ppb
Molybdenum	94-1	0.12	0.10	0.15	0.12	21.05	ppb
Molybdenum	95-1	0.11	0.11	0.09	0.11	11.04	ppb
Molybdenum	96-1	0.08	0.10	0.06	0.08	24.08	ppb
Molybdenum	97-1	0.10	0.10	0.09	0.10	7.24	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.10	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.03	0.02	64.69	ppb
Phosphorus	31-2	2.30	-4.06	11.02	3.09	245.27	ppb
Potassium	39-2	0.03	0.47	1.86	0.78	122.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	-0.98	0.27	-0.52	-0.41		ppb
Selenium	77-2	-0.33	-0.33	0.15	-0.17		ppb
Selenium	78-2	0.72	0.77	0.77	0.75	3.61	ppb
Silicon	28-1	-8.77	-8.22	-9.07	-8.68		ppb
Silver	107-1	0.06	0.04	0.01	0.04	57.20	ppb
Silver	109-1	0.05	0.03	0.02	0.03	55.05	ppb
Sodium	23-2	8.69	10.12	9.46	9.42	7.59	ppb
Strontium	86-1	0.13	0.08	0.11	0.11	22.63	ppb
Strontium	88-1	0.11	0.11	0.10	0.11	5.98	ppb
Sulfur	34-1	-1487.12	-1516.16	-1675.12	-1559.47		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.03	0.05	28.75	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	18.86	ppb
Tin	118-1	-0.02	-0.03	-0.01	-0.02		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:55:32	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.07	0.01	0.04	74.18	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	14.29	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	69.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	-0.19	-0.29	-0.28	-0.26		ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	84.62	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	38.35	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:00:57	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.23	12.53	14.33	13.36	6.78	ppb
Antimony	121-1	0.83	0.85	0.81	0.83	2.34	ppb
Arsenic	75-2	1.48	1.28	1.26	1.34	9.10	ppb
Barium	135-1	60.98	57.53	56.89	58.47	3.76	ppb
Barium	137-1	62.39	59.09	57.58	59.68	4.12	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	41.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	370.04	382.61	382.27	378.31	1.89	ppb
Boron	11-1	411.82	415.94	427.50	418.42	1.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.11	-0.10	-0.11		ppb
Cadmium	106-1	-12.38	-11.69	-12.04	-12.03		ppb
Cadmium	108-1	-0.09	-0.06	-0.08	-0.08		ppb
Calcium	43-1	113302.82	106626.56	111549.19	110492.86	3.13	ppb
Calcium	44-1	110171.10	106172.76	108993.93	108445.93	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.07	1.04	1.11	1.07	3.31	ppb
Cobalt	59-2	0.69	0.71	0.66	0.69	3.97	ppb
Copper	63-2	11.24	10.47	10.94	10.88	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	292.88	273.26	285.02	283.72	3.48	ppb
Iron	56-2	291.61	274.54	285.23	283.79	3.04	ppb
Iron	57-2	334.53	319.14	326.26	326.64	2.36	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:00:57	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.19	0.16	0.18	6.99	ppb
Lead	207-1	0.23	0.17	0.18	0.20	16.71	ppb
Lead	208-1	0.19	0.19	0.15	0.17	13.67	ppb
Lithium	6-1				103		%
Magnesium	24-2	7880.89	7320.35	7697.41	7632.88	3.74	ppb
Manganese	55-2	619.74	591.33	614.98	608.68	2.50	ppb
Molybdenum	94-1	1.62	1.54	1.62	1.59	2.93	ppb
Molybdenum	95-1	2.09	1.96	1.88	1.97	5.27	ppb
Molybdenum	96-1	2.05	2.00	1.98	2.01	1.59	ppb
Molybdenum	97-1	2.16	2.21	2.12	2.16	1.99	ppb
Molybdenum	98-1	2.20	2.01	2.13	2.11	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.90	13.07	13.54	13.50	3.09	ppb
Phosphorus	31-2	475.82	385.44	402.57	421.28	11.39	ppb
Potassium	39-2	11817.09	10708.92	11266.84	11264.28	4.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.38	0.75	0.65	0.59	32.66	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.20	0.63	0.27	0.37	64.16	ppb
Silicon	28-1	6531.70	6006.60	6228.95	6255.75	4.21	ppb
Silver	107-1	0.01	0.60	0.01	0.21	164.55	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.07	ppb
Sodium	23-2	49635.41	45635.60	48007.27	47759.43	4.21	ppb
Strontium	86-1	432.50	416.75	418.77	422.67	2.03	ppb
Strontium	88-1	427.79	407.50	405.69	413.66	2.97	ppb
Sulfur	34-1	55127.76	49557.99	52401.73	52362.49	5.32	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	-0.01	0.01	135.05	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	47.43	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:00:57	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.98	0.80	0.87	0.88	10.12	ppb
Uranium	238-1	0.15	0.17	0.14	0.15	8.05	ppb
Vanadium	51-2	1.18	1.10	1.12	1.13	3.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	25.25	23.41	24.64	24.44	3.83	ppb
Zirconium	90-1	0.15	0.13	0.14	0.14	7.19	ppb
Zirconium	91-1	0.15	0.11	0.16	0.14	18.07	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:03:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50544.69	50067.99	51532.47	50715.05	1.47	ppb
Antimony	121-1	491.20	506.19	489.54	495.64	1.85	ppb
Arsenic	75-2	494.24	490.75	495.38	493.46	0.49	ppb
Barium	135-1	2485.44	2541.34	2505.40	2510.73	1.13	ppb
Barium	137-1	2539.56	2586.50	2492.28	2539.45	1.86	ppb
Beryllium	9-1	499.95	499.95	483.25	494.38	1.95	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	505.44	529.30	501.50	512.08	2.94	ppb
Boron	11-1	529.03	566.28	536.18	543.83	3.63	ppb
Bromine	81-1						cps
Cadmium	111-1	481.83	497.71	478.87	486.14	2.08	ppb
Cadmium	106-1	471.38	492.22	477.98	480.53	2.22	ppb
Cadmium	108-1	477.85	503.82	484.40	488.69	2.76	ppb
Calcium	43-1	239583.85	252890.42	258316.96	250263.74	3.85	ppb
Calcium	44-1	239749.63	250124.34	252417.85	247430.60	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.25	496.76	494.73	493.91	0.67	ppb
Cobalt	59-2	465.77	467.77	485.18	472.91	2.26	ppb
Copper	63-2	4915.69	4790.52	4935.15	4880.45	1.61	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	122849.69	127726.52	125295.44	125290.55	1.95	ppb
Iron	56-2	124068.14	126226.11	127456.41	125916.89	1.36	ppb
Iron	57-2	122134.55	122648.37	124737.32	123173.42	1.12	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:03:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2600.44	2495.80	2615.47	2570.57	2.54	ppb
Lead	207-1	2531.68	2485.87	2547.38	2521.64	1.27	ppb
Lead	208-1	2547.55	2496.86	2551.42	2531.94	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	246373.08	255020.02	258566.78	253319.96	2.48	ppb
Manganese	55-2	4762.29	4907.44	4946.75	4872.16	1.99	ppb
Molybdenum	94-1	2564.74	2528.21	2442.84	2511.93	2.49	ppb
Molybdenum	95-1	2547.22	2490.06	2398.77	2478.68	3.02	ppb
Molybdenum	96-1	2557.73	2500.88	2410.30	2489.64	2.99	ppb
Molybdenum	97-1	2526.68	2516.04	2445.74	2496.15	1.76	ppb
Molybdenum	98-1	2477.09	2515.31	2463.43	2485.28	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.02	461.70	466.18	463.30	0.54	ppb
Phosphorus	31-2	9683.92	9656.41	9705.72	9682.02	0.26	ppb
Potassium	39-2	122862.63	122320.17	121775.55	122319.45	0.44	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	521.45	516.25	507.61	515.10	1.36	ppb
Selenium	77-2	523.08	479.22	500.91	501.07	4.38	ppb
Selenium	78-2	501.51	496.69	498.75	498.99	0.48	ppb
Silicon	28-1	482.90	509.73	526.85	506.50	4.37	ppb
Silver	107-1	508.00	538.65	521.27	522.64	2.94	ppb
Silver	109-1	512.93	541.17	511.71	521.94	3.19	ppb
Sodium	23-2	252435.65	249523.47	247906.28	249955.13	0.92	ppb
Strontium	86-1	5012.59	5165.83	4870.61	5016.34	2.94	ppb
Strontium	88-1	4942.40	5106.00	4932.31	4993.57	1.95	ppb
Sulfur	34-1	8982.55	9485.50	9750.15	9406.06	4.15	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	510.15	504.64	524.91	513.24	2.04	ppb
Thallium	205-1	518.41	500.76	527.54	515.57	2.64	ppb
Tin	118-1	500.78	514.05	502.37	505.73	1.43	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:03:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2508.78	2458.92	2521.38	2496.36	1.32	ppb
Uranium	238-1	510.81	506.78	527.23	514.94	2.10	ppb
Vanadium	51-2	494.04	487.22	497.16	492.81	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	4784.69	4749.91	4906.60	4813.73	1.71	ppb
Zirconium	90-1	493.21	498.83	495.07	495.70	0.58	ppb
Zirconium	91-1	506.25	507.69	498.01	503.98	1.04	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P8
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 14:14:16 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.79	1.88	1.62	1.76	7.73	ppb
Antimony	121-1	0.04	0.07	0.07	0.06	25.79	ppb
Arsenic	75-2	-0.01	-0.02	0.03	0.00	839.38	ppb
Barium	135-1	0.15	0.16	0.11	0.14	17.72	ppb
Barium	137-1	0.14	0.13	0.11	0.13	11.88	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.08	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	22.35	22.22	22.27	22.28	0.30	ppb
Boron	11-1	24.18	24.54	24.44	24.39	0.75	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.11	-0.10	-0.09		ppb
Cadmium	106-1	-8.61	-11.65	-10.60	-10.29		ppb
Cadmium	108-1	0.02	-0.03	0.16	0.05	204.43	ppb
Calcium	43-1	9.44	9.97	7.32	8.91	15.75	ppb
Calcium	44-1	-0.79	2.47	1.08	0.92	177.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	0.05	0.04	30.46	ppb
Cobalt	59-2	0.01	0.01	0.03	0.02	80.20	ppb
Copper	63-2	0.19	0.18	0.24	0.20	13.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	3.63	4.39	8.23	5.42	45.55	ppb
Iron	56-2	4.11	4.07	4.63	4.27	7.27	ppb
Iron	57-2	5.55	2.29	2.76	3.53	49.71	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:14:16	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.11	0.11	3.36	ppb
Lead	207-1	0.12	0.11	0.14	0.12	10.66	ppb
Lead	208-1	0.11	0.10	0.13	0.11	11.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	7.90	6.70	9.35	7.99	16.60	ppb
Manganese	55-2	0.19	0.20	0.25	0.21	15.87	ppb
Molybdenum	94-1	0.13	0.18	0.11	0.14	26.32	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.13	5.08	ppb
Molybdenum	96-1	0.12	0.15	0.13	0.13	12.57	ppb
Molybdenum	97-1	0.15	0.13	0.14	0.14	6.51	ppb
Molybdenum	98-1	0.16	0.14	0.14	0.15	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.03	0.02	70.54	ppb
Phosphorus	31-2	-5.78	-2.66	0.01	-2.81		ppb
Potassium	39-2	3.82	0.00	-0.31	1.17	196.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.15	-0.51	0.42	-0.08		ppb
Selenium	77-2	0.16	-0.33	-0.33	-0.17		ppb
Selenium	78-2	1.23	0.85	0.91	1.00	20.38	ppb
Silicon	28-1	-10.71	-8.55	-8.84	-9.37		ppb
Silver	107-1	0.03	0.02	0.02	0.02	29.40	ppb
Silver	109-1	0.02	0.01	0.02	0.02	31.11	ppb
Sodium	23-2	11.24	9.12	11.35	10.57	11.87	ppb
Strontium	86-1	0.14	0.22	0.16	0.17	23.73	ppb
Strontium	88-1	0.18	0.18	0.19	0.18	3.95	ppb
Sulfur	34-1	-1582.69	-1418.19	-1375.81	-1458.90		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.01	0.03	0.03	55.45	ppb
Thallium	205-1	0.02	0.03	0.04	0.03	31.51	ppb
Tin	118-1	-0.03	-0.01	0.00	-0.01		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:14:16	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.07	0.05	0.06	17.31	ppb
Uranium	238-1	0.03	0.03	0.02	0.02	14.59	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	23.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.33	0.02	-0.10		ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	38.46	ppb
Zirconium	91-1	0.01	0.02	0.01	0.02	38.27	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BL	Instrumnet Name :	P8
Client Sample ID :	PB139833BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:10:17	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.99	3.81	3.02	3.27	14.27	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	19.85	ppb
Arsenic	75-2	0.01	0.03	0.00	0.01	140.82	ppb
Barium	135-1	0.12	0.13	0.16	0.14	14.79	ppb
Barium	137-1	0.10	0.09	0.18	0.12	36.18	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	3.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	1.72	2.22	1.70	1.88	15.59	ppb
Boron	11-1	1.80	1.89	1.88	1.86	2.62	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.12	-0.12	-0.12		ppb
Cadmium	106-1	-12.02	-12.29	-12.16	-12.16		ppb
Cadmium	108-1	-0.10	-0.12	-0.01	-0.08		ppb
Calcium	43-1	8.79	7.79	9.93	8.84	12.16	ppb
Calcium	44-1	-3.82	-4.03	1.24	-2.20		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.01	0.03	69.89	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	18.95	ppb
Copper	63-2	0.25	0.28	0.26	0.26	4.35	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				99		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	6.25	4.81	5.19	5.42	13.81	ppb
Iron	56-2	5.68	5.79	6.00	5.82	2.74	ppb
Iron	57-2	6.17	6.19	4.25	5.54	20.12	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : PB139833BL Instrumnet Name : P8
 Client Sample ID : PB139833BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 15:10:17 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.06	0.07	0.05	49.30	ppb
Lead	207-1	0.04	0.04	0.11	0.07	62.37	ppb
Lead	208-1	0.03	0.05	0.06	0.05	27.99	ppb
Lithium	6-1				107		%
Magnesium	24-2	11.24	11.19	12.94	11.79	8.45	ppb
Manganese	55-2	0.26	0.32	0.29	0.29	10.78	ppb
Molybdenum	94-1	0.12	0.07	0.15	0.11	36.59	ppb
Molybdenum	95-1	0.11	0.10	0.17	0.13	30.72	ppb
Molybdenum	96-1	0.11	0.13	0.09	0.11	18.09	ppb
Molybdenum	97-1	0.13	0.16	0.10	0.13	22.27	ppb
Molybdenum	98-1	0.13	0.11	0.13	0.12	7.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.02	0.02	22.32	ppb
Phosphorus	31-2	13.18	2.83	3.84	6.62	86.30	ppb
Potassium	39-2	3.43	4.07	2.63	3.38	21.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.42	0.16	-0.09	0.16	152.93	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.43	-0.35	-0.12	-0.01		ppb
Silicon	28-1	-7.59	-6.79	-4.43	-6.27		ppb
Silver	107-1	0.01	0.00	0.01	0.00	102.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	2.33	3.55	4.64	3.50	33.04	ppb
Strontium	86-1	0.23	0.16	0.16	0.18	21.41	ppb
Strontium	88-1	0.17	0.17	0.18	0.17	4.22	ppb
Sulfur	34-1	-313.25	-282.11	124.81	-156.85		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00	357.08	ppb
Thallium	205-1	0.02	0.00	0.00	0.01	140.89	ppb
Tin	118-1	-0.04	-0.03	-0.05	-0.04		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BL	Instrumnet Name :	P8
Client Sample ID :	PB139833BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:10:17	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.03	0.00	0.02	102.38	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.92	ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	34.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.04	-0.03	-0.15	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	58.02	ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	69.44	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BS	Instrumnet Name :	P8
Client Sample ID :	PB139833BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:13:18	DataFile Name :	049LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9993.04	9966.98	9745.90	9901.97	1.37	ppb
Antimony	121-1	501.43	510.82	485.67	499.30	2.55	ppb
Arsenic	75-2	495.14	483.72	476.76	485.20	1.91	ppb
Barium	135-1	2499.86	2543.22	2437.94	2493.67	2.12	ppb
Barium	137-1	2540.14	2574.21	2467.35	2527.23	2.16	ppb
Beryllium	9-1	489.52	499.03	473.10	487.21	2.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	383.74	450.56	428.22	420.84	8.08	ppb
Boron	11-1	425.62	454.63	456.47	445.58	3.88	ppb
Bromine	81-1						cps
Cadmium	111-1	505.78	516.46	494.76	505.67	2.15	ppb
Cadmium	106-1	487.13	518.18	488.03	497.78	3.55	ppb
Cadmium	108-1	502.56	517.96	494.80	505.11	2.33	ppb
Calcium	43-1	52540.50	54841.39	52630.32	53337.40	2.44	ppb
Calcium	44-1	50806.27	51673.73	50237.25	50905.75	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.40	498.16	482.87	489.48	1.60	ppb
Cobalt	59-2	488.12	488.49	478.53	485.05	1.16	ppb
Copper	63-2	4937.62	5021.27	4817.80	4925.56	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				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	26386.92	26836.39	25272.76	26165.35	3.08	ppb
Iron	56-2	26151.05	26518.30	25578.77	26082.71	1.82	ppb
Iron	57-2	26603.89	26497.83	26131.17	26410.96	0.94	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BS	Instrumnet Name :	P8
Client Sample ID :	PB139833BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:13:18	DataFile Name :	049LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2510.35	2585.15	2462.31	2519.27	2.46	ppb
Lead	207-1	2450.84	2552.23	2420.11	2474.39	2.79	ppb
Lead	208-1	2486.02	2540.62	2441.34	2489.33	2.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	52134.40	52915.43	50971.18	52007.00	1.88	ppb
Manganese	55-2	4925.35	4897.70	4782.79	4868.61	1.55	ppb
Molybdenum	94-1	2429.27	2511.81	2432.30	2457.79	1.90	ppb
Molybdenum	95-1	2460.53	2537.72	2423.99	2474.08	2.35	ppb
Molybdenum	96-1	2435.01	2494.74	2416.29	2448.68	1.67	ppb
Molybdenum	97-1	2448.24	2464.98	2353.30	2422.17	2.49	ppb
Molybdenum	98-1	2477.07	2467.45	2372.88	2439.13	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.37	475.80	460.77	466.98	1.68	ppb
Phosphorus	31-2	9986.03	10287.48	9605.04	9959.52	3.43	ppb
Potassium	39-2	24855.85	24912.25	24569.84	24779.31	0.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	499.67	513.52	490.40	501.20	2.32	ppb
Selenium	77-2	491.14	477.46	491.87	486.83	1.67	ppb
Selenium	78-2	505.08	491.61	485.61	494.10	2.02	ppb
Silicon	28-1	512.60	581.89	577.55	557.35	6.96	ppb
Silver	107-1	503.58	519.32	490.40	504.43	2.87	ppb
Silver	109-1	528.79	532.64	505.60	522.34	2.80	ppb
Sodium	23-2	51406.70	52201.38	50279.85	51295.98	1.88	ppb
Strontium	86-1	4874.34	5159.29	4958.27	4997.30	2.93	ppb
Strontium	88-1	4911.09	5213.32	4828.11	4984.17	4.07	ppb
Sulfur	34-1	10058.54	11130.36	10142.02	10443.64	5.71	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	494.61	512.52	491.07	499.40	2.30	ppb
Thallium	205-1	504.73	501.75	491.33	499.27	1.41	ppb
Tin	118-1	512.99	505.93	489.34	502.75	2.41	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BS	Instrumnet Name :	P8
Client Sample ID :	PB139833BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:13:18	DataFile Name :	049LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2393.82	2538.51	2423.34	2451.89	3.12	ppb
Uranium	238-1	479.86	499.31	475.33	484.83	2.63	ppb
Vanadium	51-2	490.95	499.75	480.76	490.49	1.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4969.42	5073.22	4844.56	4962.40	2.31	ppb
Zirconium	90-1	484.21	502.38	486.15	490.91	2.03	ppb
Zirconium	91-1	506.24	505.58	492.95	501.59	1.49	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:20:30	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	331.54	330.90	346.80	336.41	2.68	ppb
Antimony	121-1	0.24	0.29	0.24	0.26	10.77	ppb
Arsenic	75-2	8.12	8.31	8.05	8.16	1.66	ppb
Barium	135-1	148.16	143.48	137.70	143.11	3.66	ppb
Barium	137-1	151.80	148.69	140.71	147.07	3.89	ppb
Beryllium	9-1	0.08	0.08	0.10	0.09	16.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	96.64	100.99	100.57	99.40	2.41	ppb
Boron	11-1	103.99	110.90	113.76	109.55	4.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.08	-0.11	-0.09		ppb
Cadmium	106-1	-12.50	-11.84	-11.68	-12.01		ppb
Cadmium	108-1	-0.18	-0.10	0.25	-0.01		ppb
Calcium	43-1	22870.91	23077.96	22201.56	22716.81	2.02	ppb
Calcium	44-1	22968.97	23058.93	22593.70	22873.87	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.51	2.56	2.60	2.56	1.68	ppb
Cobalt	59-2	6.98	7.22	6.91	7.04	2.34	ppb
Copper	63-2	6.96	7.19	7.11	7.09	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	52391.28	53898.88	52596.32	52962.16	1.54	ppb
Iron	56-2	53333.19	55272.45	53651.44	54085.69	1.92	ppb
Iron	57-2	52331.26	52910.80	53336.76	52859.61	0.95	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:20:30	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.95	1.99	1.90	1.95	2.34	ppb
Lead	207-1	1.92	1.98	1.92	1.94	2.04	ppb
Lead	208-1	1.94	2.04	1.89	1.96	3.95	ppb
Lithium	6-1				107		%
Magnesium	24-2	9954.78	10150.73	10107.03	10070.85	1.02	ppb
Manganese	55-2	2880.51	2943.66	2872.21	2898.79	1.35	ppb
Molybdenum	94-1	1.06	1.14	0.98	1.06	7.67	ppb
Molybdenum	95-1	0.79	0.85	0.80	0.81	4.03	ppb
Molybdenum	96-1	1.25	1.18	1.27	1.23	3.61	ppb
Molybdenum	97-1	0.76	0.75	0.71	0.74	3.74	ppb
Molybdenum	98-1	0.78	0.74	0.73	0.75	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.41	9.70	9.56	9.56	1.50	ppb
Phosphorus	31-2	257.55	254.07	235.70	249.11	4.71	ppb
Potassium	39-2	2740.22	2803.83	2726.70	2756.91	1.49	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	1.27	1.76	0.85	1.29	34.92	ppb
Selenium	77-2	1.54	0.64	2.56	1.58	60.94	ppb
Selenium	78-2	1.30	0.67	0.44	0.81	55.18	ppb
Silicon	28-1	7257.30	7273.06	7105.78	7212.05	1.28	ppb
Silver	107-1	0.12	0.11	0.12	0.12	4.88	ppb
Silver	109-1	0.13	0.13	0.11	0.12	8.68	ppb
Sodium	23-2	29277.64	30106.79	29706.73	29697.05	1.40	ppb
Strontium	86-1	114.46	115.35	110.53	113.44	2.26	ppb
Strontium	88-1	119.57	119.21	114.06	117.61	2.62	ppb
Sulfur	34-1	38571.96	39119.43	36186.35	37959.25	4.11	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.01	0.02	38.78	ppb
Thallium	205-1	0.04	0.02	0.00	0.02	76.91	ppb
Tin	118-1	0.65	0.64	0.63	0.64	2.12	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:20:30	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.05	8.25	8.74	8.68	4.61	ppb
Uranium	238-1	0.11	0.12	0.10	0.11	10.67	ppb
Vanadium	51-2	2.26	2.39	2.36	2.34	2.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	28.96	29.56	29.19	29.23	1.04	ppb
Zirconium	90-1	0.36	0.38	0.31	0.35	9.58	ppb
Zirconium	91-1	0.35	0.32	0.30	0.32	8.45	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:23:27	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.69	7.85	8.41	8.32	5.13	ppb
Antimony	121-1	0.22	0.22	0.26	0.23	9.62	ppb
Arsenic	75-2	1.14	0.93	0.90	0.99	12.91	ppb
Barium	135-1	153.18	153.10	151.95	152.74	0.45	ppb
Barium	137-1	153.74	156.72	155.75	155.40	0.98	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	22.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	104.90	106.67	115.39	108.99	5.15	ppb
Boron	11-1	116.91	114.53	124.24	118.56	4.27	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.07	-0.10	-0.08		ppb
Cadmium	106-1	-10.31	-9.80	-11.90	-10.67		ppb
Cadmium	108-1	-0.16	-0.20	-0.18	-0.18		ppb
Calcium	43-1	25638.40	25486.56	25953.69	25692.88	0.93	ppb
Calcium	44-1	25950.75	25227.26	25876.19	25684.73	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.64	0.69	0.67	3.53	ppb
Cobalt	59-2	6.41	6.22	6.31	6.31	1.55	ppb
Copper	63-2	19.59	18.34	19.25	19.06	3.40	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				102		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	10039.42	9525.87	9981.02	9848.77	2.85	ppb
Iron	56-2	10052.41	9560.04	9840.16	9817.54	2.52	ppb
Iron	57-2	9573.00	9056.82	9263.56	9297.79	2.79	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:23:27	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.44	4.65	4.43	4.51	2.77	ppb
Lead	207-1	4.17	4.30	4.16	4.21	1.89	ppb
Lead	208-1	4.32	4.35	4.31	4.33	0.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	10981.97	10511.59	10807.01	10766.86	2.21	ppb
Manganese	55-2	3086.68	2897.50	2978.06	2987.42	3.18	ppb
Molybdenum	94-1	0.25	0.27	0.25	0.25	4.38	ppb
Molybdenum	95-1	0.24	0.26	0.23	0.25	6.26	ppb
Molybdenum	96-1	0.26	0.25	0.24	0.25	4.28	ppb
Molybdenum	97-1	0.22	0.17	0.21	0.20	13.95	ppb
Molybdenum	98-1	0.17	0.18	0.17	0.17	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.57	8.45	9.04	9.02	6.23	ppb
Phosphorus	31-2	3.58	1.94	1.27	2.26	52.48	ppb
Potassium	39-2	3487.56	3280.65	3411.16	3393.12	3.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.47	0.50	0.30	0.42	26.54	ppb
Selenium	77-2	0.17	1.12	0.15	0.48	114.60	ppb
Selenium	78-2	1.53	1.14	0.37	1.01	58.47	ppb
Silicon	28-1	5813.05	5878.59	5914.21	5868.62	0.87	ppb
Silver	107-1	0.01	0.00	0.00	0.01	87.77	ppb
Silver	109-1	0.01	0.00	0.00	0.00	143.72	ppb
Sodium	23-2	32164.51	30580.49	31774.97	31506.66	2.62	ppb
Strontium	86-1	124.30	121.56	122.33	122.73	1.15	ppb
Strontium	88-1	126.09	121.81	126.22	124.71	2.01	ppb
Sulfur	34-1	45544.38	45235.93	45905.37	45561.89	0.74	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.01	0.00		ppb
Tin	118-1	1.02	1.04	1.09	1.05	3.34	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:23:27	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.45	0.35	0.45	0.42	14.79	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.01	ppb
Vanadium	51-2	0.16	0.16	0.17	0.16	3.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	31.08	29.57	30.23	30.29	2.50	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	10.47	ppb
Zirconium	91-1	0.05	0.07	0.04	0.06	32.58	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:26:22	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.08	143.88	137.82	138.26	3.91	ppb
Antimony	121-1	0.35	0.35	0.33	0.34	3.77	ppb
Arsenic	75-2	0.89	0.96	0.88	0.91	4.93	ppb
Barium	135-1	53.59	53.98	53.06	53.54	0.86	ppb
Barium	137-1	53.74	54.95	52.85	53.85	1.96	ppb
Beryllium	9-1	0.02	0.03	0.03	0.02	7.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	79.44	87.41	86.09	84.31	5.07	ppb
Boron	11-1	88.30	92.68	93.45	91.48	3.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.11	-0.10	-0.10		ppb
Cadmium	106-1	-9.28	-11.38	-11.72	-10.79		ppb
Cadmium	108-1	-0.08	0.08	-0.18	-0.06		ppb
Calcium	43-1	28043.87	27580.55	28078.83	27901.08	1.00	ppb
Calcium	44-1	27622.89	28276.79	28354.80	28084.82	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.74	0.86	0.79	8.20	ppb
Cobalt	59-2	0.30	0.28	0.32	0.30	6.10	ppb
Copper	63-2	3.01	2.95	3.14	3.04	3.15	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				105		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	485.18	473.88	516.15	491.74	4.45	ppb
Iron	56-2	499.27	482.44	509.15	496.95	2.72	ppb
Iron	57-2	483.68	487.62	518.04	496.45	3.79	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:26:22	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.69	0.76	0.72	0.72	4.50	ppb
Lead	207-1	0.62	0.71	0.68	0.67	6.33	ppb
Lead	208-1	0.67	0.73	0.70	0.70	4.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	11723.12	11665.40	12379.81	11922.78	3.33	ppb
Manganese	55-2	119.22	116.93	127.48	121.21	4.58	ppb
Molybdenum	94-1	1.76	1.73	2.65	2.05	25.39	ppb
Molybdenum	95-1	2.25	2.17	2.17	2.20	2.15	ppb
Molybdenum	96-1	2.17	2.03	2.17	2.12	3.96	ppb
Molybdenum	97-1	2.02	2.10	2.15	2.09	2.99	ppb
Molybdenum	98-1	2.19	2.22	2.16	2.19	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.29	1.30	1.33	3.67	ppb
Phosphorus	31-2	627.80	529.40	596.29	584.50	8.60	ppb
Potassium	39-2	4028.42	3942.00	4232.62	4067.68	3.67	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	0.42	0.63	0.59	0.55	20.13	ppb
Selenium	77-2	0.15	-0.33	0.19	0.00	14534.35	ppb
Selenium	78-2	0.15	-0.24	0.22	0.04	581.66	ppb
Silicon	28-1	4095.45	4030.33	4141.50	4089.09	1.37	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.10	ppb
Silver	109-1	0.02	0.02	0.01	0.02	44.40	ppb
Sodium	23-2	40775.40	39419.24	42199.52	40798.06	3.41	ppb
Strontium	86-1	166.07	168.15	168.10	167.44	0.71	ppb
Strontium	88-1	170.32	167.40	167.26	168.33	1.03	ppb
Sulfur	34-1	9981.18	9477.45	10184.78	9881.14	3.69	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.57	0.63	0.62	0.60	5.54	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:26:22	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.44	4.13	4.10	4.22	4.39	ppb
Uranium	238-1	0.16	0.16	0.17	0.16	1.42	ppb
Vanadium	51-2	0.98	1.01	1.08	1.02	5.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	24.61	24.18	26.65	25.15	5.23	ppb
Zirconium	90-1	0.08	0.09	0.09	0.09	10.00	ppb
Zirconium	91-1	0.09	0.07	0.09	0.09	15.38	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:29:21	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.62	8.50	8.51	8.55	0.76	ppb
Antimony	121-1	0.41	0.41	0.40	0.41	1.01	ppb
Arsenic	75-2	0.84	0.87	0.94	0.88	5.74	ppb
Barium	135-1	50.35	45.39	49.42	48.38	5.45	ppb
Barium	137-1	51.22	45.34	50.36	48.97	6.49	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	43.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	82.76	76.76	85.02	81.51	5.24	ppb
Boron	11-1	90.94	83.26	95.42	89.87	6.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.11	-0.10	-0.11		ppb
Cadmium	106-1	-11.52	-10.15	-10.43	-10.70		ppb
Cadmium	108-1	-0.15	-0.07	-0.18	-0.13		ppb
Calcium	43-1	30109.80	26072.37	28453.92	28212.03	7.19	ppb
Calcium	44-1	29383.67	26439.40	28219.98	28014.35	5.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.19	0.23	0.22	11.80	ppb
Cobalt	59-2	0.14	0.16	0.14	0.15	7.73	ppb
Copper	63-2	8.07	7.95	7.87	7.96	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	60.45	53.44	52.63	55.51	7.75	ppb
Iron	56-2	54.13	54.36	53.83	54.10	0.49	ppb
Iron	57-2	65.07	66.09	63.75	64.97	1.80	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:29:21	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.40	0.40	0.41	4.60	ppb
Lead	207-1	0.48	0.36	0.36	0.40	16.71	ppb
Lead	208-1	0.44	0.39	0.39	0.40	7.23	ppb
Lithium	6-1				110		%
Magnesium	24-2	12091.43	11891.84	11415.74	11799.67	2.94	ppb
Manganese	55-2	44.51	43.88	43.77	44.05	0.91	ppb
Molybdenum	94-1	1.61	1.43	1.52	1.52	5.83	ppb
Molybdenum	95-1	2.23	1.95	2.14	2.11	6.83	ppb
Molybdenum	96-1	2.22	1.87	2.08	2.06	8.45	ppb
Molybdenum	97-1	2.49	2.17	2.10	2.25	9.27	ppb
Molybdenum	98-1	2.22	1.92	2.24	2.13	8.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.24	1.20	1.25	4.25	ppb
Phosphorus	31-2	544.44	497.92	538.57	526.98	4.81	ppb
Potassium	39-2	4028.91	3993.79	3984.74	4002.48	0.58	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	0.58	0.25	0.47	0.43	38.64	ppb
Selenium	77-2	0.65	-0.33	-0.33	0.00		ppb
Selenium	78-2	-0.18	0.05	0.02	-0.04		ppb
Silicon	28-1	4311.71	3575.79	3988.52	3958.67	9.32	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	3141.99	ppb
Silver	109-1	0.01	0.01	0.00	0.00	18.70	ppb
Sodium	23-2	41484.82	41392.98	40599.14	41158.98	1.18	ppb
Strontium	86-1	173.45	154.79	169.27	165.83	5.91	ppb
Strontium	88-1	176.71	156.58	170.83	168.04	6.16	ppb
Sulfur	34-1	10770.80	8332.13	10164.62	9755.85	13.01	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.02	-0.01		ppb
Tin	118-1	1.09	0.89	1.01	1.00	10.48	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:29:21	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.37	0.37	0.41	14.59	ppb
Uranium	238-1	0.15	0.14	0.14	0.14	3.19	ppb
Vanadium	51-2	0.79	0.79	0.75	0.78	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	28.51	29.65	28.47	28.88	2.32	ppb
Zirconium	90-1	0.04	0.02	0.05	0.03	36.88	ppb
Zirconium	91-1	0.07	0.02	0.03	0.04	63.80	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:32:17	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.19	100.60	90.56	96.78	5.62	ppb
Antimony	121-1	0.13	0.10	0.10	0.11	14.09	ppb
Arsenic	75-2	0.61	0.65	0.63	0.63	2.84	ppb
Barium	135-1	47.74	44.12	46.25	46.04	3.95	ppb
Barium	137-1	46.52	43.94	46.36	45.60	3.17	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	29.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	47.39	47.77	51.75	48.97	4.93	ppb
Boron	11-1	53.84	51.08	55.21	53.38	3.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.09	-0.08	-0.09		ppb
Cadmium	106-1	-10.69	-11.03	-10.10	-10.61		ppb
Cadmium	108-1	-0.04	-0.21	-0.07	-0.11		ppb
Calcium	43-1	24787.80	24212.91	25125.49	24708.73	1.87	ppb
Calcium	44-1	24668.58	24686.32	25364.57	24906.49	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.40	0.42	0.40	2.57	ppb
Cobalt	59-2	0.14	0.14	0.14	0.14	2.51	ppb
Copper	63-2	1.40	1.40	1.36	1.38	1.61	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				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	199.44	195.45	199.60	198.16	1.19	ppb
Iron	56-2	196.64	198.68	194.56	196.63	1.05	ppb
Iron	57-2	207.52	203.16	204.81	205.16	1.07	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:32:17	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.47	0.39	0.41	0.42	9.79	ppb
Lead	207-1	0.38	0.38	0.35	0.37	4.82	ppb
Lead	208-1	0.44	0.38	0.41	0.41	6.14	ppb
Lithium	6-1				108		%
Magnesium	24-2	10002.85	9926.45	10124.08	10017.79	0.99	ppb
Manganese	55-2	26.17	25.98	25.76	25.97	0.79	ppb
Molybdenum	94-1	2.57	2.49	2.50	2.52	1.83	ppb
Molybdenum	95-1	3.48	3.35	3.47	3.43	2.04	ppb
Molybdenum	96-1	3.27	3.36	3.49	3.38	3.27	ppb
Molybdenum	97-1	3.41	3.51	3.62	3.51	2.87	ppb
Molybdenum	98-1	3.51	3.39	3.66	3.52	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.59	0.51	0.55	7.32	ppb
Phosphorus	31-2	56.96	58.87	73.72	63.19	14.52	ppb
Potassium	39-2	2394.34	2440.54	2414.75	2416.54	0.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	1.14	0.13	0.10	0.46	129.36	ppb
Selenium	77-2	0.64	0.16	0.15	0.32	87.24	ppb
Selenium	78-2	0.55	0.77	1.08	0.80	33.51	ppb
Silicon	28-1	3859.29	3716.83	3872.46	3816.19	2.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	222.24	ppb
Sodium	23-2	26372.89	26617.25	27318.51	26769.55	1.83	ppb
Strontium	86-1	143.76	143.96	149.40	145.71	2.20	ppb
Strontium	88-1	145.74	144.08	149.15	146.32	1.76	ppb
Sulfur	34-1	5685.86	5119.15	5834.82	5546.61	6.81	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.52	0.46	0.50	0.49	6.90	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:32:17	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.46	2.68	3.03	3.06	12.92	ppb
Uranium	238-1	0.24	0.24	0.22	0.23	6.12	ppb
Vanadium	51-2	0.80	0.86	0.83	0.83	3.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	19.39	20.25	19.85	19.83	2.18	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	19.08	ppb
Zirconium	91-1	0.08	0.03	0.06	0.06	38.53	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:35:17	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.82	6.79	6.63	6.75	1.51	ppb
Antimony	121-1	0.16	0.18	0.16	0.17	7.13	ppb
Arsenic	75-2	0.43	0.41	0.49	0.44	9.51	ppb
Barium	135-1	41.60	46.19	40.84	42.88	6.76	ppb
Barium	137-1	42.01	46.75	40.72	43.16	7.35	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	21.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Boron	10-1	43.62	51.01	46.12	46.92	8.01	ppb
Boron	11-1	46.84	55.77	49.95	50.85	8.92	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.09	-0.09	-0.10		ppb
Cadmium	106-1	-11.65	-10.69	-10.40	-10.92		ppb
Cadmium	108-1	-0.06	-0.12	-0.20	-0.13		ppb
Calcium	43-1	23519.54	26752.24	22652.63	24308.14	8.89	ppb
Calcium	44-1	24088.77	27264.81	23212.15	24855.24	8.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.18	0.22	0.21	12.34	ppb
Cobalt	59-2	0.08	0.07	0.08	0.08	5.91	ppb
Copper	63-2	2.47	2.51	2.51	2.50	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	54-2	33.39	32.20	33.86	33.15	2.58	ppb
Iron	56-2	33.65	33.52	34.50	33.89	1.57	ppb
Iron	57-2	35.55	39.42	44.59	39.85	11.38	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:35:17	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.37	0.31	0.35	10.89	ppb
Lead	207-1	0.32	0.36	0.32	0.33	5.98	ppb
Lead	208-1	0.35	0.37	0.31	0.34	9.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	8970.12	8999.94	9002.24	8990.77	0.20	ppb
Manganese	55-2	7.55	7.09	7.14	7.26	3.45	ppb
Molybdenum	94-1	2.44	2.74	2.41	2.53	7.31	ppb
Molybdenum	95-1	3.28	3.75	3.23	3.42	8.37	ppb
Molybdenum	96-1	3.15	3.51	3.05	3.23	7.46	ppb
Molybdenum	97-1	3.27	3.71	3.23	3.40	7.87	ppb
Molybdenum	98-1	3.32	3.88	3.27	3.49	9.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.46	0.47	0.46	3.14	ppb
Phosphorus	31-2	9.99	35.38	40.78	28.72	57.25	ppb
Potassium	39-2	2147.44	2146.71	2134.25	2142.80	0.35	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	0.05	0.84	0.30	0.40	101.67	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.22	0.58	0.74	0.52	51.55	ppb
Silicon	28-1	3499.09	3977.77	3504.29	3660.38	7.51	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	46.54	ppb
Sodium	23-2	24276.89	23709.04	24450.87	24145.60	1.61	ppb
Strontium	86-1	135.17	158.86	137.26	143.76	9.12	ppb
Strontium	88-1	138.13	156.53	136.94	143.87	7.63	ppb
Sulfur	34-1	5778.23	7916.89	5451.86	6382.33	20.98	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	-0.01	0.00		ppb
Tin	118-1	0.57	0.64	0.55	0.59	8.25	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:35:17	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.50	0.34	0.31	0.38	26.48	ppb
Uranium	238-1	0.20	0.24	0.20	0.21	11.53	ppb
Vanadium	51-2	0.55	0.56	0.55	0.56	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	27.79	27.45	27.45	27.56	0.70	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	27.15	ppb
Zirconium	91-1	0.03	0.03	0.02	0.02	28.14	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:38:14	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	157.28	161.16	155.84	158.09	1.74	ppb
Antimony	121-1	0.19	0.16	0.18	0.18	7.49	ppb
Arsenic	75-2	6.78	6.36	6.52	6.55	3.22	ppb
Barium	135-1	161.19	156.74	149.50	155.81	3.79	ppb
Barium	137-1	162.82	159.21	155.11	159.05	2.43	ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	7.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	97.65	103.17	101.48	100.77	2.81	ppb
Boron	11-1	107.83	113.72	111.95	111.17	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.08	-0.09	-0.09		ppb
Cadmium	106-1	-10.59	-10.90	-10.43	-10.64		ppb
Cadmium	108-1	-0.20	-0.15	0.02	-0.11		ppb
Calcium	43-1	25068.87	24785.24	24539.49	24797.87	1.07	ppb
Calcium	44-1	25165.16	24986.18	24512.71	24888.02	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.73	1.93	1.85	5.51	ppb
Cobalt	59-2	6.36	6.31	6.34	6.34	0.43	ppb
Copper	63-2	4.77	4.62	4.78	4.72	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	37232.64	37171.25	36374.61	36926.17	1.30	ppb
Iron	56-2	37773.56	37374.76	37313.81	37487.38	0.67	ppb
Iron	57-2	38037.29	37836.25	37465.53	37779.69	0.77	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:38:14	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.25	1.28	1.27	1.27	1.30	ppb
Lead	207-1	1.14	1.22	1.16	1.17	3.65	ppb
Lead	208-1	1.20	1.29	1.17	1.22	5.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	10260.83	10230.14	10072.08	10187.68	0.99	ppb
Manganese	55-2	2841.37	2854.20	2831.40	2842.32	0.40	ppb
Molybdenum	94-1	1.57	0.68	0.79	1.01	48.28	ppb
Molybdenum	95-1	0.53	0.68	0.58	0.60	12.30	ppb
Molybdenum	96-1	0.95	0.86	0.86	0.89	5.65	ppb
Molybdenum	97-1	0.52	0.58	0.48	0.53	9.33	ppb
Molybdenum	98-1	0.53	0.56	0.52	0.54	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.68	9.33	9.20	9.40	2.66	ppb
Phosphorus	31-2	148.15	140.80	193.15	160.70	17.63	ppb
Potassium	39-2	3255.61	3140.35	3223.01	3206.32	1.85	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.87	0.89	1.29	1.02	23.30	ppb
Selenium	77-2	1.14	2.51	2.65	2.10	39.65	ppb
Selenium	78-2	0.99	0.32	1.17	0.83	54.08	ppb
Silicon	28-1	6559.01	6337.63	6199.78	6365.47	2.85	ppb
Silver	107-1	0.09	0.07	0.06	0.07	22.25	ppb
Silver	109-1	0.07	0.08	0.08	0.08	8.88	ppb
Sodium	23-2	30322.34	29706.33	29861.29	29963.32	1.07	ppb
Strontium	86-1	117.56	122.78	115.83	118.73	3.05	ppb
Strontium	88-1	122.02	121.45	117.47	120.31	2.06	ppb
Sulfur	34-1	45547.08	43819.29	42417.81	43928.06	3.57	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	1.07	1.09	1.00	1.06	4.43	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:38:14	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.21	4.30	2.96	3.49	20.44	ppb
Uranium	238-1	0.07	0.06	0.07	0.07	8.43	ppb
Vanadium	51-2	1.55	1.51	1.49	1.52	1.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	38.02	38.09	38.86	38.32	1.21	ppb
Zirconium	90-1	0.19	0.19	0.20	0.19	2.87	ppb
Zirconium	91-1	0.21	0.20	0.18	0.20	9.09	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:41:10	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.31	7.07	6.44	6.94	6.44	ppb
Antimony	121-1	0.20	0.18	0.19	0.19	5.46	ppb
Arsenic	75-2	0.72	0.74	0.72	0.72	1.47	ppb
Barium	135-1	121.32	131.78	129.65	127.59	4.34	ppb
Barium	137-1	125.37	132.57	128.97	128.97	2.79	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	88.52	102.84	101.10	97.49	8.02	ppb
Boron	11-1	95.86	110.12	112.23	106.07	8.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.10	-0.10	-0.10		ppb
Cadmium	106-1	-12.20	-10.65	-12.14	-11.66		ppb
Cadmium	108-1	-0.07	0.00	-0.03	-0.03		ppb
Calcium	43-1	20432.75	21732.03	22125.58	21430.12	4.13	ppb
Calcium	44-1	20703.36	21869.89	22128.90	21567.38	3.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.46	0.52	0.49	6.00	ppb
Cobalt	59-2	5.83	5.96	5.95	5.92	1.24	ppb
Copper	63-2	10.17	10.21	10.48	10.29	1.62	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				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	7024.46	7085.84	7020.79	7043.70	0.52	ppb
Iron	56-2	7292.99	7201.86	7313.42	7269.43	0.82	ppb
Iron	57-2	6839.34	6963.39	7053.21	6951.98	1.54	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:41:10	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.25	0.28	0.25	10.57	ppb
Lead	207-1	0.24	0.23	0.27	0.25	8.27	ppb
Lead	208-1	0.23	0.24	0.25	0.24	4.14	ppb
Lithium	6-1				102		%
Magnesium	24-2	8983.61	9078.03	9203.03	9088.22	1.21	ppb
Manganese	55-2	2555.15	2541.63	2583.80	2560.19	0.84	ppb
Molybdenum	94-1	0.24	0.21	0.13	0.19	30.92	ppb
Molybdenum	95-1	0.22	0.18	0.15	0.18	19.32	ppb
Molybdenum	96-1	0.20	0.22	0.15	0.19	17.21	ppb
Molybdenum	97-1	0.20	0.11	0.11	0.14	36.56	ppb
Molybdenum	98-1	0.15	0.13	0.09	0.13	21.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.22	7.36	7.30	7.30	0.98	ppb
Phosphorus	31-2	6.72	4.09	12.86	7.89	57.08	ppb
Potassium	39-2	2367.29	2417.74	2434.80	2406.61	1.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.54	0.64	0.48	0.55	14.59	ppb
Selenium	77-2	-0.33	-0.33	0.16	-0.17		ppb
Selenium	78-2	0.75	0.73	0.04	0.51	79.77	ppb
Silicon	28-1	5654.82	5821.62	6002.86	5826.43	2.99	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	81.45	ppb
Sodium	23-2	26258.16	26599.09	26808.56	26555.27	1.05	ppb
Strontium	86-1	106.07	109.98	111.08	109.04	2.42	ppb
Strontium	88-1	105.61	111.17	113.40	110.06	3.64	ppb
Sulfur	34-1	35565.87	36408.56	37602.30	36525.57	2.80	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.26	0.41	0.37	0.35	23.57	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:41:10	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.37	0.37	0.40	15.12	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	22.27	ppb
Vanadium	51-2	0.15	0.15	0.14	0.15	3.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	31.60	30.86	30.95	31.13	1.29	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	23.25	ppb
Zirconium	91-1	0.06	0.06	0.07	0.06	15.15	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:48:13	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50808.81	52580.52	45666.99	49685.44	7.23	ppb
Antimony	121-1	484.69	488.39	487.44	486.84	0.39	ppb
Arsenic	75-2	499.06	506.60	442.84	482.83	7.22	ppb
Barium	135-1	2467.08	2459.05	2461.44	2462.52	0.17	ppb
Barium	137-1	2497.53	2526.36	2484.94	2502.94	0.85	ppb
Beryllium	9-1	478.49	469.89	479.72	476.03	1.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	437.01	439.24	455.71	443.98	2.30	ppb
Boron	11-1	457.33	474.43	493.70	475.15	3.83	ppb
Bromine	81-1						cps
Cadmium	111-1	511.32	507.31	516.69	511.78	0.92	ppb
Cadmium	106-1	483.73	504.79	492.95	493.82	2.14	ppb
Cadmium	108-1	515.17	510.19	510.67	512.01	0.54	ppb
Calcium	43-1	242574.39	243120.84	256601.34	247432.19	3.21	ppb
Calcium	44-1	242670.51	237580.31	255196.18	245149.00	3.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.66	497.81	445.31	478.93	6.09	ppb
Cobalt	59-2	483.43	489.18	433.72	468.78	6.51	ppb
Copper	63-2	4901.95	5067.48	4495.43	4821.62	6.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	124942.50	126231.65	110495.20	120556.45	7.25	ppb
Iron	56-2	126993.49	124671.66	112213.39	121292.84	6.55	ppb
Iron	57-2	125799.82	125858.51	110725.62	120794.65	7.22	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:48:13	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2530.19	2531.35	2508.85	2523.46	0.50	ppb
Lead	207-1	2539.71	2503.28	2474.45	2505.81	1.31	ppb
Lead	208-1	2523.63	2520.39	2461.91	2501.98	1.39	ppb
Lithium	6-1				106		%
Magnesium	24-2	252861.06	259361.49	229444.85	247222.47	6.36	ppb
Manganese	55-2	4963.29	4988.24	4443.49	4798.34	6.41	ppb
Molybdenum	94-1	2522.25	2412.89	2441.00	2458.71	2.31	ppb
Molybdenum	95-1	2519.98	2408.94	2419.47	2449.46	2.50	ppb
Molybdenum	96-1	2493.49	2392.07	2440.61	2442.06	2.08	ppb
Molybdenum	97-1	2439.42	2409.75	2438.22	2429.13	0.69	ppb
Molybdenum	98-1	2444.18	2416.17	2463.99	2441.45	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.93	474.92	422.43	455.42	6.31	ppb
Phosphorus	31-2	9767.96	10139.28	8706.16	9537.80	7.80	ppb
Potassium	39-2	123997.97	124360.48	108457.70	118938.72	7.63	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	519.95	513.77	512.60	515.44	0.77	ppb
Selenium	77-2	523.20	532.40	439.34	498.31	10.29	ppb
Selenium	78-2	507.09	516.72	451.89	491.90	7.11	ppb
Silicon	28-1	513.80	522.36	554.46	530.21	4.04	ppb
Silver	107-1	512.94	526.75	514.69	518.12	1.45	ppb
Silver	109-1	520.60	511.95	519.33	517.29	0.90	ppb
Sodium	23-2	255219.03	254649.70	228788.86	246219.20	6.13	ppb
Strontium	86-1	4877.81	4862.69	4956.11	4898.87	1.02	ppb
Strontium	88-1	4900.71	4883.54	4890.83	4891.70	0.18	ppb
Sulfur	34-1	9807.86	9821.81	10696.17	10108.61	5.03	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	524.38	502.29	515.34	514.00	2.16	ppb
Thallium	205-1	512.94	514.10	511.75	512.93	0.23	ppb
Tin	118-1	493.41	498.62	479.87	490.63	1.97	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:48:13	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2496.15	2446.91	2516.76	2486.61	1.44	ppb
Uranium	238-1	526.82	508.79	510.77	515.46	1.92	ppb
Vanadium	51-2	495.19	512.34	440.35	482.63	7.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5002.42	5053.22	4521.39	4859.01	6.04	ppb
Zirconium	90-1	491.54	489.78	494.84	492.05	0.52	ppb
Zirconium	91-1	503.59	496.80	498.10	499.50	0.72	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:59:06	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.82	1.44	1.82	1.69	12.91	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	15.58	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	105.24	ppb
Barium	135-1	0.07	0.09	0.06	0.07	23.52	ppb
Barium	137-1	0.09	0.11	0.09	0.10	10.23	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	7.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	11.18	10.24	9.70	10.37	7.24	ppb
Boron	11-1	11.49	11.31	10.43	11.07	5.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.11	-0.10	-0.11		ppb
Cadmium	106-1	-10.84	-11.81	-11.55	-11.40		ppb
Cadmium	108-1	0.05	-0.10	-0.23	-0.09		ppb
Calcium	43-1	4.00	4.04	3.80	3.95	3.25	ppb
Calcium	44-1	-4.86	-6.10	-3.58	-4.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.03	0.02	63.71	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	25.90	ppb
Copper	63-2	0.14	0.16	0.12	0.14	13.22	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				105		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	4.09	3.74	3.59	3.81	6.78	ppb
Iron	56-2	3.28	3.40	3.13	3.27	4.14	ppb
Iron	57-2	3.03	1.59	2.45	2.36	30.64	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:59:06	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	18.52	ppb
Lead	207-1	0.03	0.00	0.05	0.03	94.75	ppb
Lead	208-1	0.04	0.03	0.03	0.03	22.02	ppb
Lithium	6-1				108		%
Magnesium	24-2	5.66	5.77	6.99	6.14	11.99	ppb
Manganese	55-2	0.23	0.21	0.23	0.22	4.49	ppb
Molybdenum	94-1	0.10	0.11	0.14	0.12	13.86	ppb
Molybdenum	95-1	0.12	0.09	0.11	0.11	16.15	ppb
Molybdenum	96-1	0.11	0.10	0.09	0.10	8.23	ppb
Molybdenum	97-1	0.10	0.09	0.11	0.10	5.42	ppb
Molybdenum	98-1	0.09	0.10	0.08	0.09	12.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.00	0.01	92.60	ppb
Phosphorus	31-2	-6.47	7.77	8.61	3.30	256.69	ppb
Potassium	39-2	1.50	-1.65	-2.03	-0.73		ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.47	0.27	0.91	0.55	59.18	ppb
Selenium	77-2	0.17	-0.33	-0.33	-0.16		ppb
Selenium	78-2	0.95	0.10	0.12	0.39	124.57	ppb
Silicon	28-1	-12.73	-15.56	-12.25	-13.51		ppb
Silver	107-1	0.02	0.01	0.01	0.01	61.11	ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.90	ppb
Sodium	23-2	10.37	11.03	9.97	10.46	5.12	ppb
Strontium	86-1	0.18	0.17	0.19	0.18	4.72	ppb
Strontium	88-1	0.16	0.16	0.17	0.16	2.33	ppb
Sulfur	34-1	-1442.90	-1397.37	-1157.14	-1332.47		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.00	195.88	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	24.95	ppb
Tin	118-1	-0.04	-0.05	-0.03	-0.04		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:59:06	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.03	0.05	0.06	58.56	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	29.44	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	13.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	-0.31	0.00	-0.06	-0.13		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.83	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	39.90	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:02:07	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	290.00	277.05	297.58	288.21	3.60	ppb
Antimony	121-1	0.24	0.24	0.22	0.24	4.82	ppb
Arsenic	75-2	1.01	0.88	1.06	0.98	9.14	ppb
Barium	135-1	56.28	56.18	56.13	56.20	0.13	ppb
Barium	137-1	57.70	57.68	60.86	58.75	3.12	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	18.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	75.58	81.74	87.97	81.76	7.58	ppb
Boron	11-1	83.50	87.73	95.90	89.04	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.06	-0.10	-0.09		ppb
Cadmium	106-1	-12.01	-11.46	-12.50	-11.99		ppb
Cadmium	108-1	-0.04	0.09	0.01	0.02	349.58	ppb
Calcium	43-1	28417.47	28012.86	28835.42	28421.92	1.45	ppb
Calcium	44-1	28707.39	28466.80	29318.28	28830.82	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.41	1.34	1.23	1.33	6.92	ppb
Cobalt	59-2	0.36	0.37	0.36	0.36	0.25	ppb
Copper	63-2	4.68	4.34	4.38	4.47	4.16	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				108		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	742.66	696.38	696.29	711.78	3.76	ppb
Iron	56-2	758.48	730.24	738.64	742.45	1.95	ppb
Iron	57-2	740.13	705.41	715.84	720.46	2.47	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:02:07	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.95	1.05	1.00	4.71	ppb
Lead	207-1	0.91	0.97	0.98	0.96	4.11	ppb
Lead	208-1	0.96	0.91	1.02	0.96	5.39	ppb
Lithium	6-1				107		%
Magnesium	24-2	11323.38	11209.64	11055.46	11196.16	1.20	ppb
Manganese	55-2	113.65	110.35	109.16	111.05	2.09	ppb
Molybdenum	94-1	3.22	3.26	3.59	3.35	6.06	ppb
Molybdenum	95-1	4.18	4.30	4.57	4.35	4.63	ppb
Molybdenum	96-1	4.13	4.24	4.40	4.26	3.13	ppb
Molybdenum	97-1	4.48	4.31	4.75	4.51	4.92	ppb
Molybdenum	98-1	4.17	4.34	4.68	4.40	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.47	1.52	1.42	1.47	3.38	ppb
Phosphorus	31-2	556.47	563.53	516.95	545.65	4.60	ppb
Potassium	39-2	3960.01	3818.63	3812.17	3863.60	2.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.41	0.68	0.30	0.46	41.81	ppb
Selenium	77-2	0.68	0.16	0.17	0.33	88.56	ppb
Selenium	78-2	0.36	0.17	0.35	0.29	35.40	ppb
Silicon	28-1	4206.59	4306.01	4228.32	4246.97	1.23	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.83	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.14	ppb
Sodium	23-2	39770.92	39520.46	38641.75	39311.04	1.51	ppb
Strontium	86-1	161.47	163.35	174.62	166.48	4.27	ppb
Strontium	88-1	164.74	168.56	173.60	168.97	2.63	ppb
Sulfur	34-1	9344.75	9057.84	8967.68	9123.43	2.16	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.02	0.01	107.50	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	170.15	ppb
Tin	118-1	0.33	0.27	0.35	0.32	12.33	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:02:07	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.68	8.79	9.39	8.95	4.27	ppb
Uranium	238-1	0.21	0.19	0.22	0.21	7.51	ppb
Vanadium	51-2	1.33	1.32	1.31	1.32	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	27.45	27.15	27.59	27.40	0.82	ppb
Zirconium	90-1	0.14	0.14	0.16	0.15	8.88	ppb
Zirconium	91-1	0.13	0.32	0.15	0.20	52.81	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:05:05	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.58	6.18	6.62	6.46	3.72	ppb
Antimony	121-1	0.24	0.26	0.24	0.25	5.28	ppb
Arsenic	75-2	0.65	0.70	0.70	0.69	4.68	ppb
Barium	135-1	36.28	40.78	40.00	39.02	6.17	ppb
Barium	137-1	37.01	42.80	42.07	40.63	7.77	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	17.82	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	63.30	70.54	76.69	70.18	9.55	ppb
Boron	11-1	67.20	79.90	84.45	77.18	11.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.08	-0.10	-0.09		ppb
Cadmium	106-1	-10.50	-10.31	-11.71	-10.84		ppb
Cadmium	108-1	-0.11	0.03	-0.09	-0.06		ppb
Calcium	43-1	22084.67	23910.44	24118.24	23371.12	4.79	ppb
Calcium	44-1	22252.82	23826.25	23674.88	23251.32	3.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.22	0.21	0.21	7.11	ppb
Cobalt	59-2	0.16	0.13	0.13	0.14	9.51	ppb
Copper	63-2	5.69	5.82	5.87	5.79	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	36.17	37.50	38.74	37.47	3.42	ppb
Iron	56-2	38.86	37.23	37.73	37.94	2.21	ppb
Iron	57-2	48.97	42.30	45.93	45.73	7.30	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:05:05	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.22	0.20	10.85	ppb
Lead	207-1	0.20	0.19	0.21	0.20	4.20	ppb
Lead	208-1	0.19	0.19	0.23	0.20	10.25	ppb
Lithium	6-1				111		%
Magnesium	24-2	9128.80	8879.72	8795.25	8934.59	1.94	ppb
Manganese	55-2	68.23	67.52	68.38	68.04	0.68	ppb
Molybdenum	94-1	2.43	2.52	2.68	2.55	4.99	ppb
Molybdenum	95-1	3.50	3.72	3.58	3.60	3.08	ppb
Molybdenum	96-1	3.29	3.46	3.58	3.44	4.16	ppb
Molybdenum	97-1	3.50	3.67	3.83	3.67	4.52	ppb
Molybdenum	98-1	3.50	3.50	3.67	3.56	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.88	0.79	0.84	5.76	ppb
Phosphorus	31-2	365.76	309.54	329.54	334.95	8.51	ppb
Potassium	39-2	3132.04	3058.63	3161.01	3117.22	1.69	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	-0.06	0.52	0.41	0.29	105.50	ppb
Selenium	77-2	0.66	0.61	-0.33	0.31	177.70	ppb
Selenium	78-2	1.51	-0.11	0.59	0.66	122.56	ppb
Silicon	28-1	3068.24	3319.91	3323.14	3237.10	4.52	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	32979.24	31062.24	32480.42	32173.97	3.09	ppb
Strontium	86-1	127.66	138.35	140.11	135.37	4.97	ppb
Strontium	88-1	128.44	141.71	139.76	136.64	5.24	ppb
Sulfur	34-1	7774.19	9359.97	9432.08	8855.41	10.58	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	0.00		ppb
Tin	118-1	0.29	0.38	0.37	0.35	14.26	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:05:05	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.46	0.33	0.41	17.28	ppb
Uranium	238-1	0.16	0.16	0.14	0.15	7.26	ppb
Vanadium	51-2	0.59	0.61	0.61	0.60	1.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	22.62	21.88	21.89	22.13	1.92	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	22.86	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	71.76	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:08:02	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.21	80.04	78.17	79.47	1.42	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	3.61	ppb
Arsenic	75-2	0.61	0.57	0.59	0.59	3.20	ppb
Barium	135-1	49.78	48.87	50.41	49.68	1.56	ppb
Barium	137-1	49.21	50.11	51.76	50.36	2.57	ppb
Beryllium	9-1	0.03	0.04	0.04	0.03	18.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	48.90	51.29	51.46	50.55	2.84	ppb
Boron	11-1	51.91	55.52	54.60	54.01	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.09	-0.06	-0.09		ppb
Cadmium	106-1	-12.30	-10.45	-8.95	-10.57		ppb
Cadmium	108-1	0.03	-0.06	-0.13	-0.05		ppb
Calcium	43-1	26231.78	26476.63	26222.71	26310.37	0.55	ppb
Calcium	44-1	26421.50	27143.02	26731.36	26765.29	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.51	0.57	0.54	5.76	ppb
Cobalt	59-2	0.13	0.13	0.15	0.14	9.19	ppb
Copper	63-2	1.37	1.37	1.36	1.37	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				108		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	181.45	185.85	181.33	182.88	1.41	ppb
Iron	56-2	184.66	184.90	187.86	185.81	0.96	ppb
Iron	57-2	182.14	192.77	200.09	191.67	4.71	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:08:02	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.46	0.43	0.43	7.12	ppb
Lead	207-1	0.38	0.40	0.39	0.39	2.53	ppb
Lead	208-1	0.39	0.41	0.39	0.40	2.55	ppb
Lithium	6-1				109		%
Magnesium	24-2	10638.57	10624.06	10471.52	10578.05	0.87	ppb
Manganese	55-2	27.83	28.23	28.16	28.07	0.76	ppb
Molybdenum	94-1	2.99	3.12	3.07	3.06	2.22	ppb
Molybdenum	95-1	4.17	4.48	4.14	4.26	4.43	ppb
Molybdenum	96-1	3.79	4.08	3.99	3.95	3.73	ppb
Molybdenum	97-1	4.07	4.18	3.84	4.03	4.25	ppb
Molybdenum	98-1	4.12	4.20	4.04	4.12	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.55	0.60	0.59	5.80	ppb
Phosphorus	31-2	58.85	57.13	54.71	56.90	3.65	ppb
Potassium	39-2	2469.49	2475.91	2472.35	2472.58	0.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	0.05	0.42	-0.28	0.07	541.13	ppb
Selenium	77-2	-0.33	0.16	-0.33	-0.17		ppb
Selenium	78-2	0.79	0.40	0.09	0.43	82.76	ppb
Silicon	28-1	3966.33	3993.19	3968.07	3975.86	0.38	ppb
Silver	107-1	0.01	0.00	0.00	0.00	1755.06	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	28621.41	28743.54	28573.65	28646.20	0.31	ppb
Strontium	86-1	152.39	158.73	150.93	154.01	2.69	ppb
Strontium	88-1	152.52	159.32	156.42	156.09	2.19	ppb
Sulfur	34-1	5893.70	5838.82	5902.69	5878.40	0.59	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.00	-0.02	0.00	12468.11	ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.39	0.48	0.44	0.44	10.10	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:08:02	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.56	2.42	2.37	2.45	3.98	ppb
Uranium	238-1	0.27	0.25	0.23	0.25	7.28	ppb
Vanadium	51-2	0.86	0.84	0.87	0.86	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	22.94	22.76	22.20	22.63	1.72	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	8.23	ppb
Zirconium	91-1	0.04	0.07	0.05	0.05	31.23	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:11:05	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.42	6.88	6.61	6.64	3.47	ppb
Antimony	121-1	0.13	0.15	0.14	0.14	8.34	ppb
Arsenic	75-2	0.37	0.50	0.44	0.44	15.04	ppb
Barium	135-1	38.99	38.48	37.38	38.28	2.16	ppb
Barium	137-1	39.01	40.05	37.93	39.00	2.73	ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	20.77	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	42.87	42.89	42.33	42.70	0.75	ppb
Boron	11-1	45.86	45.75	46.97	46.20	1.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.11	-0.10	-0.11		ppb
Cadmium	106-1	-12.12	-11.23	-10.46	-11.27		ppb
Cadmium	108-1	-0.06	0.01	-0.15	-0.07		ppb
Calcium	43-1	22305.81	22822.74	21863.43	22330.66	2.15	ppb
Calcium	44-1	22143.43	22568.80	21886.69	22199.64	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.25	0.23	0.24	4.96	ppb
Cobalt	59-2	0.12	0.10	0.09	0.10	11.69	ppb
Copper	63-2	3.17	2.99	3.02	3.06	3.19	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				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	43.70	43.40	40.28	42.46	4.46	ppb
Iron	56-2	43.37	43.94	43.76	43.69	0.68	ppb
Iron	57-2	52.18	47.19	48.08	49.15	5.41	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:11:05	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.32	0.32	0.31	3.21	ppb
Lead	207-1	0.35	0.28	0.29	0.31	12.30	ppb
Lead	208-1	0.31	0.32	0.30	0.31	3.84	ppb
Lithium	6-1				108		%
Magnesium	24-2	9012.67	8970.85	8687.20	8890.24	1.99	ppb
Manganese	55-2	21.36	21.50	21.51	21.46	0.41	ppb
Molybdenum	94-1	2.48	2.52	2.35	2.45	3.48	ppb
Molybdenum	95-1	3.48	3.64	3.38	3.50	3.70	ppb
Molybdenum	96-1	3.13	3.36	3.28	3.26	3.53	ppb
Molybdenum	97-1	3.49	3.58	3.48	3.52	1.47	ppb
Molybdenum	98-1	3.53	3.53	3.27	3.44	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.52	0.47	0.49	6.65	ppb
Phosphorus	31-2	46.53	50.20	24.90	40.54	33.73	ppb
Potassium	39-2	2062.56	2014.41	2030.59	2035.85	1.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.29	-0.61	0.46	0.05	1245.26	ppb
Selenium	77-2	0.15	0.61	0.14	0.30	90.13	ppb
Selenium	78-2	0.07	0.44	0.36	0.29	68.27	ppb
Silicon	28-1	3217.41	3284.41	3122.26	3208.03	2.54	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.00	222.44	ppb
Sodium	23-2	24257.30	23795.79	23798.38	23950.49	1.11	ppb
Strontium	86-1	126.32	134.39	125.97	128.89	3.70	ppb
Strontium	88-1	129.31	136.74	128.88	131.64	3.36	ppb
Sulfur	34-1	5145.86	5337.57	4396.82	4960.08	10.02	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.57	0.50	0.49	0.52	8.98	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:11:05	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.37	0.23	0.32	24.55	ppb
Uranium	238-1	0.20	0.21	0.21	0.21	1.22	ppb
Vanadium	51-2	0.59	0.56	0.55	0.57	4.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	27.66	26.53	26.48	26.89	2.49	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	8.18	ppb
Zirconium	91-1	0.05	0.05	0.06	0.06	13.09	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:14:01	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87.35	92.89	96.01	92.08	4.76	ppb
Antimony	121-1	0.15	0.14	0.14	0.14	2.50	ppb
Arsenic	75-2	0.51	0.60	0.61	0.57	9.11	ppb
Barium	135-1	48.77	49.18	46.28	48.08	3.26	ppb
Barium	137-1	50.59	48.18	47.69	48.82	3.18	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	14.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	44.80	46.57	46.49	45.95	2.17	ppb
Boron	11-1	49.11	49.26	50.97	49.78	2.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.08	-0.06	-0.08		ppb
Cadmium	106-1	-12.27	-9.72	-10.00	-10.66		ppb
Cadmium	108-1	-0.08	-0.11	-0.11	-0.10		ppb
Calcium	43-1	26838.55	25309.35	25045.62	25731.17	3.76	ppb
Calcium	44-1	27353.30	25452.72	25869.69	26225.24	3.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.38	0.39	0.38	3.58	ppb
Cobalt	59-2	0.13	0.15	0.16	0.15	9.36	ppb
Copper	63-2	1.39	1.58	1.60	1.52	7.76	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				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	189.20	196.85	214.26	200.10	6.42	ppb
Iron	56-2	193.77	200.82	207.08	200.56	3.32	ppb
Iron	57-2	205.50	203.76	208.47	205.91	1.16	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:14:01	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.52	0.48	0.49	0.50	3.38	ppb
Lead	207-1	0.49	0.45	0.57	0.50	12.20	ppb
Lead	208-1	0.50	0.44	0.50	0.48	6.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	9576.97	9817.11	9978.73	9790.94	2.06	ppb
Manganese	55-2	25.29	25.67	26.56	25.84	2.52	ppb
Molybdenum	94-1	2.68	2.67	2.65	2.67	0.62	ppb
Molybdenum	95-1	3.66	3.64	3.73	3.68	1.21	ppb
Molybdenum	96-1	3.70	3.53	3.57	3.60	2.39	ppb
Molybdenum	97-1	3.55	3.68	3.56	3.60	2.09	ppb
Molybdenum	98-1	3.72	3.60	3.57	3.63	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.54	0.52	0.54	3.78	ppb
Phosphorus	31-2	44.26	41.23	59.48	48.33	20.24	ppb
Potassium	39-2	2348.37	2363.82	2409.28	2373.82	1.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.02	0.02	0.56	0.20	156.44	ppb
Selenium	77-2	-0.33	0.61	0.63	0.30	180.57	ppb
Selenium	78-2	-0.17	0.10	0.50	0.15	228.70	ppb
Silicon	28-1	4188.12	3959.73	3893.58	4013.81	3.85	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	26124.70	26232.00	26436.50	26264.40	0.60	ppb
Strontium	86-1	156.77	149.34	150.03	152.05	2.70	ppb
Strontium	88-1	160.61	149.92	150.12	153.55	3.98	ppb
Sulfur	34-1	6381.27	5586.09	5574.96	5847.44	7.91	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	-0.02	0.01	184.18	ppb
Thallium	205-1	0.02	-0.01	0.00	0.00	404.23	ppb
Tin	118-1	0.55	0.49	0.51	0.52	6.68	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:14:01	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.33	3.02	3.24	3.20	4.91	ppb
Uranium	238-1	0.26	0.23	0.25	0.25	6.13	ppb
Vanadium	51-2	0.79	0.81	0.81	0.80	1.78	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	17.77	17.24	18.79	17.93	4.39	ppb
Zirconium	90-1	0.07	0.07	0.06	0.06	9.52	ppb
Zirconium	91-1	0.04	0.07	0.08	0.06	26.35	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 16:17:00	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.30	20.15	21.34	21.26	5.06	ppb
Antimony	121-1	0.06	0.04	0.04	0.05	14.02	ppb
Arsenic	75-2	0.10	0.13	0.12	0.11	14.33	ppb
Barium	135-1	9.11	9.65	9.17	9.31	3.16	ppb
Barium	137-1	9.50	9.84	9.39	9.58	2.45	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	22.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	17.71	17.89	17.65	17.75	0.71	ppb
Boron	11-1	18.85	18.94	18.34	18.71	1.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.07	-0.09	-0.08		ppb
Cadmium	106-1	-11.07	-10.51	-10.24	-10.61		ppb
Cadmium	108-1	-0.10	-0.10	0.10	-0.03		ppb
Calcium	43-1	4897.42	5084.95	4939.93	4974.10	1.98	ppb
Calcium	44-1	4981.83	5249.46	5159.47	5130.25	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.12	0.11	0.10	19.16	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	8.51	ppb
Copper	63-2	0.53	0.57	0.58	0.56	4.72	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				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	45.99	46.22	43.04	45.09	3.94	ppb
Iron	56-2	44.80	45.57	44.54	44.97	1.19	ppb
Iron	57-2	42.08	43.89	43.92	43.30	2.43	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 16:17:00	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.17	0.15	15.44	ppb
Lead	207-1	0.17	0.17	0.15	0.16	8.11	ppb
Lead	208-1	0.14	0.15	0.14	0.15	3.52	ppb
Lithium	6-1				108		%
Magnesium	24-2	1915.82	1922.22	1929.64	1922.56	0.36	ppb
Manganese	55-2	5.54	5.50	5.50	5.51	0.47	ppb
Molybdenum	94-1	0.54	0.62	0.68	0.61	11.59	ppb
Molybdenum	95-1	0.81	0.83	0.90	0.84	5.31	ppb
Molybdenum	96-1	0.78	0.82	0.82	0.81	3.14	ppb
Molybdenum	97-1	0.84	0.85	0.82	0.84	1.84	ppb
Molybdenum	98-1	0.73	0.88	0.86	0.83	9.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.13	0.10	0.12	12.76	ppb
Phosphorus	31-2	7.20	14.79	14.20	12.06	35.01	ppb
Potassium	39-2	468.25	461.14	463.87	464.42	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.53	0.22	0.97	0.57	65.94	ppb
Selenium	77-2	0.16	-0.33	0.16	0.00		ppb
Selenium	78-2	-0.09	0.06	0.25	0.07	224.99	ppb
Silicon	28-1	731.30	764.19	750.07	748.52	2.20	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	5268.81	5350.33	5397.58	5338.91	1.22	ppb
Strontium	86-1	27.76	29.96	29.44	29.05	3.95	ppb
Strontium	88-1	28.19	30.33	29.69	29.40	3.73	ppb
Sulfur	34-1	-25.24	371.58	270.63	205.66	100.28	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	363.58	ppb
Tin	118-1	0.07	0.12	0.10	0.10	23.62	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 16:17:00	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.64	0.80	0.67	0.70	11.83	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	1.77	ppb
Vanadium	51-2	0.19	0.20	0.16	0.18	11.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	3.79	3.75	3.89	3.81	1.80	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	35.19	ppb
Zirconium	91-1	0.03	0.02	0.04	0.03	42.71	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:19:58	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10051.04	9739.71	10648.75	10146.50	4.55	ppb
Antimony	121-1	531.40	512.06	503.25	515.57	2.79	ppb
Arsenic	75-2	484.62	494.62	533.19	504.14	5.09	ppb
Barium	135-1	2649.31	2507.66	2576.48	2577.82	2.75	ppb
Barium	137-1	2657.52	2565.04	2576.41	2599.65	1.94	ppb
Beryllium	9-1	501.58	476.28	491.76	489.88	2.60	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	481.79	470.23	486.59	479.54	1.75	ppb
Boron	11-1	499.80	504.46	514.74	506.33	1.51	ppb
Bromine	81-1						cps
Cadmium	111-1	527.35	511.44	517.89	518.89	1.54	ppb
Cadmium	106-1	527.88	511.77	511.08	516.91	1.84	ppb
Cadmium	108-1	518.24	515.58	515.92	516.58	0.28	ppb
Calcium	43-1	79440.54	78419.29	77461.54	78440.45	1.26	ppb
Calcium	44-1	76045.71	75184.69	75652.80	75627.73	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.02	511.13	552.56	526.57	4.30	ppb
Cobalt	59-2	493.25	485.22	535.43	504.63	5.34	ppb
Copper	63-2	5531.97	5375.73	5838.00	5581.90	4.21	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				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	27526.02	26767.27	29021.07	27771.45	4.13	ppb
Iron	56-2	27290.92	26319.50	28497.60	27369.34	3.99	ppb
Iron	57-2	27160.63	26498.57	28892.66	27517.28	4.49	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:19:58	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2636.60	2610.42	2592.35	2613.12	0.85	ppb
Lead	207-1	2637.30	2603.36	2570.60	2603.75	1.28	ppb
Lead	208-1	2603.49	2583.14	2575.79	2587.48	0.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	61421.96	58526.64	65629.81	61859.47	5.77	ppb
Manganese	55-2	5460.82	5259.01	5741.60	5487.14	4.42	ppb
Molybdenum	94-1	2436.98	2467.33	2438.69	2447.67	0.70	ppb
Molybdenum	95-1	2429.14	2418.94	2423.24	2423.77	0.21	ppb
Molybdenum	96-1	2455.80	2426.09	2436.92	2439.60	0.62	ppb
Molybdenum	97-1	2424.34	2435.49	2415.58	2425.14	0.41	ppb
Molybdenum	98-1	2458.92	2443.05	2412.53	2438.17	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.14	463.98	510.80	485.31	4.88	ppb
Phosphorus	31-2	57.72	68.50	63.75	63.33	8.53	ppb
Potassium	39-2	27102.49	26025.76	28634.92	27254.39	4.81	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	507.75	511.88	501.80	507.14	1.00	ppb
Selenium	77-2	469.27	462.15	528.89	486.77	7.53	ppb
Selenium	78-2	464.28	469.02	508.88	480.73	5.10	ppb
Silicon	28-1	4637.51	4523.44	4424.55	4528.50	2.35	ppb
Silver	107-1	350.90	396.63	391.26	379.59	6.59	ppb
Silver	109-1	434.18	455.17	449.41	446.25	2.43	ppb
Sodium	23-2	86124.75	82598.20	92821.24	87181.40	5.96	ppb
Strontium	86-1	685.98	689.00	667.84	680.94	1.68	ppb
Strontium	88-1	679.55	668.27	670.52	672.78	0.89	ppb
Sulfur	34-1	7428.68	6579.37	6046.93	6684.99	10.42	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	520.23	523.69	510.16	518.02	1.36	ppb
Thallium	205-1	514.34	513.04	508.62	512.00	0.59	ppb
Tin	118-1	540.51	519.51	504.49	521.50	3.47	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:19:58	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2540.70	2534.40	2433.86	2502.99	2.40	ppb
Uranium	238-1	515.81	495.96	517.30	509.69	2.34	ppb
Vanadium	51-2	513.77	508.88	530.94	517.86	2.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	5438.07	5322.37	5766.62	5509.02	4.18	ppb
Zirconium	90-1	506.90	494.53	491.32	497.59	1.65	ppb
Zirconium	91-1	510.31	505.45	504.10	506.62	0.65	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:22:54	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9773.31	9981.32	9909.08	9887.90	1.07	ppb
Antimony	121-1	510.45	518.28	488.81	505.85	3.02	ppb
Arsenic	75-2	502.60	503.90	513.46	506.65	1.17	ppb
Barium	135-1	2622.55	2538.85	2408.06	2523.15	4.28	ppb
Barium	137-1	2676.34	2606.59	2416.22	2566.38	5.25	ppb
Beryllium	9-1	499.94	513.51	484.94	499.46	2.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	498.86	512.52	524.34	511.91	2.49	ppb
Boron	11-1	521.37	550.19	555.98	542.51	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	519.27	520.90	497.00	512.39	2.61	ppb
Cadmium	106-1	508.31	498.59	491.18	499.36	1.72	ppb
Cadmium	108-1	516.41	507.18	495.94	506.51	2.02	ppb
Calcium	43-1	74409.09	80542.79	73957.59	76303.15	4.82	ppb
Calcium	44-1	73645.87	74850.37	71709.66	73401.97	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.34	519.78	507.13	509.75	1.77	ppb
Cobalt	59-2	487.07	503.46	499.79	496.78	1.73	ppb
Copper	63-2	5391.82	5439.28	5361.84	5397.65	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	26752.11	27990.52	26978.52	27240.38	2.42	ppb
Iron	56-2	26071.65	27105.20	26531.41	26569.42	1.95	ppb
Iron	57-2	26330.67	27054.30	27388.09	26924.35	2.01	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:22:54	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2598.49	2569.40	2590.02	2585.97	0.58	ppb
Lead	207-1	2628.16	2547.68	2587.71	2587.85	1.55	ppb
Lead	208-1	2582.13	2548.84	2551.98	2560.98	0.72	ppb
Lithium	6-1				103		%
Magnesium	24-2	60316.74	60326.52	59647.91	60097.06	0.65	ppb
Manganese	55-2	5258.99	5497.03	5409.00	5388.34	2.23	ppb
Molybdenum	94-1	2412.47	2438.16	2384.35	2411.66	1.12	ppb
Molybdenum	95-1	2433.28	2447.85	2363.70	2414.95	1.86	ppb
Molybdenum	96-1	2471.46	2423.14	2362.16	2418.92	2.26	ppb
Molybdenum	97-1	2412.94	2435.81	2347.95	2398.90	1.90	ppb
Molybdenum	98-1	2496.59	2437.32	2335.27	2423.06	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.04	482.38	474.34	473.59	1.94	ppb
Phosphorus	31-2	48.10	46.49	57.74	50.78	11.99	ppb
Potassium	39-2	26339.24	26693.53	26959.40	26664.06	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	506.29	503.22	483.89	497.80	2.44	ppb
Selenium	77-2	489.80	485.97	488.02	487.93	0.39	ppb
Selenium	78-2	472.00	484.83	490.37	482.40	1.95	ppb
Silicon	28-1	4261.07	4536.14	4302.09	4366.43	3.40	ppb
Silver	107-1	455.62	384.45	374.35	404.81	10.94	ppb
Silver	109-1	437.90	405.82	459.27	434.33	6.19	ppb
Sodium	23-2	77850.06	78673.66	77816.02	78113.24	0.62	ppb
Strontium	86-1	668.97	680.41	658.87	669.42	1.61	ppb
Strontium	88-1	658.13	667.78	647.03	657.64	1.58	ppb
Sulfur	34-1	5409.75	6375.99	5205.13	5663.62	11.04	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	523.23	522.93	508.27	518.14	1.65	ppb
Thallium	205-1	504.94	508.60	493.05	502.20	1.62	ppb
Tin	118-1	511.06	517.87	500.02	509.65	1.77	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:22:54	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2372.10	2494.25	2381.60	2415.98	2.81	ppb
Uranium	238-1	501.63	499.53	487.62	496.26	1.52	ppb
Vanadium	51-2	496.94	515.03	506.82	506.27	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	5166.49	5240.82	5269.87	5225.73	1.02	ppb
Zirconium	90-1	488.81	494.50	477.08	486.79	1.82	ppb
Zirconium	91-1	493.65	499.15	476.37	489.72	2.43	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:32:57	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10329.45	9891.69	10065.24	10095.46	2.18	ppb
Antimony	121-1	464.85	530.75	537.67	511.09	7.86	ppb
Arsenic	75-2	515.20	498.88	521.94	512.01	2.32	ppb
Barium	135-1	2345.27	2588.11	2682.54	2538.64	6.85	ppb
Barium	137-1	2381.99	2611.86	2654.81	2549.55	5.75	ppb
Beryllium	9-1	443.09	515.00	516.44	491.51	8.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	405.91	495.25	524.23	475.13	12.98	ppb
Boron	11-1	436.09	527.48	562.12	508.56	12.80	ppb
Bromine	81-1						cps
Cadmium	111-1	457.43	530.92	531.04	506.47	8.38	ppb
Cadmium	106-1	446.37	512.79	509.54	489.57	7.65	ppb
Cadmium	108-1	462.10	525.31	536.91	508.11	7.92	ppb
Calcium	43-1	68387.79	77441.76	79758.52	75196.02	7.99	ppb
Calcium	44-1	67412.03	75305.48	77927.91	73548.47	7.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.75	514.41	504.83	514.66	1.94	ppb
Cobalt	59-2	515.42	495.90	499.08	503.47	2.08	ppb
Copper	63-2	5625.60	5450.74	5570.02	5548.79	1.61	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				103		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	28013.52	27083.02	27204.47	27433.67	1.84	ppb
Iron	56-2	27114.40	26483.67	27080.77	26892.94	1.32	ppb
Iron	57-2	27519.58	27280.57	27489.53	27429.89	0.47	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:32:57	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2237.26	2583.30	2705.65	2508.74	9.68	ppb
Lead	207-1	2266.45	2608.88	2730.75	2535.36	9.49	ppb
Lead	208-1	2266.86	2612.32	2705.08	2528.09	9.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	62675.06	60098.40	60915.11	61229.52	2.15	ppb
Manganese	55-2	5434.68	5287.48	5377.01	5366.39	1.38	ppb
Molybdenum	94-1	2161.88	2393.68	2567.20	2374.26	8.56	ppb
Molybdenum	95-1	2183.52	2397.15	2567.88	2382.85	8.08	ppb
Molybdenum	96-1	2190.11	2408.70	2584.64	2394.48	8.25	ppb
Molybdenum	97-1	2210.61	2381.46	2570.00	2387.35	7.53	ppb
Molybdenum	98-1	2246.37	2386.33	2562.51	2398.40	6.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.93	473.65	479.06	481.88	2.06	ppb
Phosphorus	31-2	61.72	90.02	53.73	68.49	27.84	ppb
Potassium	39-2	28114.80	26444.89	27091.22	27216.97	3.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	456.08	498.61	527.60	494.10	7.28	ppb
Selenium	77-2	460.56	512.66	497.20	490.14	5.46	ppb
Selenium	78-2	495.86	489.33	499.41	494.87	1.03	ppb
Silicon	28-1	3835.06	4591.88	4649.12	4358.69	10.42	ppb
Silver	107-1	466.12	426.21	517.95	470.09	9.79	ppb
Silver	109-1	436.62	524.27	471.95	477.61	9.23	ppb
Sodium	23-2	83318.68	81618.99	82444.34	82460.67	1.03	ppb
Strontium	86-1	606.86	665.89	698.47	657.08	7.07	ppb
Strontium	88-1	594.42	661.58	696.02	650.67	7.94	ppb
Sulfur	34-1	3696.84	6191.99	6283.89	5390.91	27.23	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	474.21	532.93	531.44	512.86	6.53	ppb
Thallium	205-1	456.40	517.53	527.12	500.35	7.67	ppb
Tin	118-1	463.38	521.59	539.86	508.28	7.86	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:32:57	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2200.70	2524.29	2582.85	2435.95	8.45	ppb
Uranium	238-1	456.46	510.37	530.34	499.05	7.66	ppb
Vanadium	51-2	528.65	520.66	511.49	520.27	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	5490.14	5389.95	5443.98	5441.36	0.92	ppb
Zirconium	90-1	434.87	501.43	514.16	483.48	8.81	ppb
Zirconium	91-1	441.07	501.43	526.47	489.66	8.97	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:38:14	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51214.89	49772.90	48894.62	49960.80	2.34	ppb
Antimony	121-1	487.82	491.71	496.13	491.88	0.84	ppb
Arsenic	75-2	490.98	486.16	473.57	483.57	1.86	ppb
Barium	135-1	2443.41	2441.86	2545.55	2476.94	2.40	ppb
Barium	137-1	2496.17	2506.37	2520.22	2507.58	0.48	ppb
Beryllium	9-1	483.34	494.80	492.33	490.16	1.23	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	459.33	485.64	492.69	479.22	3.67	ppb
Boron	11-1	490.06	521.77	530.37	514.07	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	498.77	514.64	505.81	506.41	1.57	ppb
Cadmium	106-1	501.19	494.30	501.38	498.96	0.81	ppb
Cadmium	108-1	496.62	521.62	504.01	507.42	2.53	ppb
Calcium	43-1	261463.99	255500.91	250479.47	255814.79	2.15	ppb
Calcium	44-1	254481.42	252433.48	246420.77	251111.89	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.24	488.23	475.10	488.19	2.68	ppb
Cobalt	59-2	487.83	481.74	472.52	480.69	1.60	ppb
Copper	63-2	5004.30	4883.17	4788.46	4891.98	2.21	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				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	124920.19	122728.03	122681.76	123443.33	1.04	ppb
Iron	56-2	125961.73	121882.02	124069.81	123971.19	1.65	ppb
Iron	57-2	125999.63	123925.83	121095.36	123673.61	1.99	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:38:14	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2483.52	2619.93	2510.39	2537.95	2.85	ppb
Lead	207-1	2491.75	2564.05	2478.42	2511.40	1.83	ppb
Lead	208-1	2489.65	2560.13	2509.41	2519.73	1.44	ppb
Lithium	6-1				105		%
Magnesium	24-2	256341.86	248735.13	248825.27	251300.75	1.74	ppb
Manganese	55-2	5063.56	4947.37	4850.47	4953.80	2.15	ppb
Molybdenum	94-1	2492.43	2544.61	2489.69	2508.91	1.23	ppb
Molybdenum	95-1	2465.53	2510.03	2508.22	2494.59	1.01	ppb
Molybdenum	96-1	2455.78	2502.57	2469.74	2476.03	0.97	ppb
Molybdenum	97-1	2411.35	2418.25	2459.48	2429.69	1.07	ppb
Molybdenum	98-1	2444.40	2447.22	2489.78	2460.46	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.28	460.10	463.74	466.70	1.82	ppb
Phosphorus	31-2	10206.20	9534.11	9649.78	9796.70	3.67	ppb
Potassium	39-2	122695.20	121013.66	119812.97	121173.95	1.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	515.18	526.73	515.87	519.26	1.25	ppb
Selenium	77-2	503.75	505.64	473.09	494.16	3.70	ppb
Selenium	78-2	502.86	507.56	486.16	498.86	2.25	ppb
Silicon	28-1	512.66	557.32	550.43	540.14	4.45	ppb
Silver	107-1	512.41	525.11	515.00	517.51	1.30	ppb
Silver	109-1	509.83	522.01	530.56	520.80	2.00	ppb
Sodium	23-2	258557.66	254644.53	245490.56	252897.58	2.65	ppb
Strontium	86-1	4924.94	5063.17	5029.27	5005.79	1.44	ppb
Strontium	88-1	4871.44	5039.73	4942.72	4951.30	1.71	ppb
Sulfur	34-1	9423.01	9678.09	9068.34	9389.82	3.26	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	518.54	526.58	501.93	515.68	2.44	ppb
Thallium	205-1	502.19	521.84	501.55	508.53	2.27	ppb
Tin	118-1	482.81	501.97	494.03	492.93	1.95	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:38:14	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2504.17	2538.71	2460.95	2501.28	1.56	ppb
Uranium	238-1	515.61	522.07	524.38	520.69	0.87	ppb
Vanadium	51-2	511.83	495.61	489.08	498.84	2.35	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	4938.78	4896.35	4797.45	4877.53	1.49	ppb
Zirconium	90-1	502.91	512.43	497.33	504.22	1.51	ppb
Zirconium	91-1	501.40	528.11	511.69	513.73	2.62	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:48:31	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	1.15	0.97	0.92	29.32	ppb
Antimony	121-1	0.05	0.08	0.06	0.06	18.20	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.11	0.17	0.04	0.11	60.24	ppb
Barium	137-1	0.08	0.18	0.09	0.11	47.71	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	5.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	13.94	15.39	14.76	14.70	4.92	ppb
Boron	11-1	14.93	16.03	16.14	15.70	4.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.09	-0.10	-0.10		ppb
Cadmium	106-1	-12.84	-11.01	-9.78	-11.21		ppb
Cadmium	108-1	-0.13	0.04	0.12	0.01	1217.29	ppb
Calcium	43-1	1.67	5.97	3.62	3.75	57.43	ppb
Calcium	44-1	-8.61	3.21	2.96	-0.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.01	0.02	39.61	ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	71.53	ppb
Copper	63-2	0.14	0.18	0.15	0.15	12.03	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				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	1.02	1.17	1.77	1.32	30.05	ppb
Iron	56-2	1.33	1.78	1.90	1.67	17.79	ppb
Iron	57-2	-0.40	1.71	0.80	0.70	150.55	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:48:31	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.12	0.04	0.07	66.14	ppb
Lead	207-1	0.02	0.12	0.06	0.07	71.86	ppb
Lead	208-1	0.04	0.12	0.05	0.07	61.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.09	4.38	4.22	3.90	18.00	ppb
Manganese	55-2	0.14	0.17	0.15	0.15	10.33	ppb
Molybdenum	94-1	0.12	0.16	0.08	0.12	29.88	ppb
Molybdenum	95-1	0.11	0.14	0.09	0.11	21.80	ppb
Molybdenum	96-1	0.10	0.18	0.08	0.12	41.28	ppb
Molybdenum	97-1	0.12	0.22	0.10	0.14	44.50	ppb
Molybdenum	98-1	0.10	0.18	0.10	0.13	36.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.00	0.01	94.22	ppb
Phosphorus	31-2	-10.90	-2.05	-12.24	-8.40		ppb
Potassium	39-2	-6.48	-1.01	-6.30	-4.60		ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.16	0.37	0.34	0.29	40.20	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.37	0.57	-0.35	0.20	246.08	ppb
Silicon	28-1	-10.67	-2.81	-0.88	-4.79		ppb
Silver	107-1	0.05	0.04	0.04	0.04	22.95	ppb
Silver	109-1	0.06	0.04	0.04	0.05	26.27	ppb
Sodium	23-2	8.22	7.79	8.15	8.05	2.91	ppb
Strontium	86-1	0.01	0.31	0.16	0.16	90.44	ppb
Strontium	88-1	0.09	0.20	0.08	0.12	53.07	ppb
Sulfur	34-1	-1302.87	-791.72	-122.90	-739.16		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.06	0.03	0.04	38.71	ppb
Thallium	205-1	0.01	0.06	0.02	0.03	70.47	ppb
Tin	118-1	-0.04	-0.02	0.01	-0.01		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:48:31	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.10	0.06	0.09	24.81	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	28.92	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	61.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	-0.17	-0.32	-0.20	-0.23		ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	45.71	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	65.68	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : PB139843BL Instrumnet Name : P8
 Client Sample ID : PB139843BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 17:18:07 DataFile Name : 071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.62	0.76	0.69	10.45	ppb
Antimony	121-1	0.02	0.04	0.02	0.03	41.86	ppb
Arsenic	75-2	-0.03	0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.22	0.06	0.10	103.53	ppb
Barium	137-1	0.05	0.18	0.04	0.09	87.39	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	49.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	3.57	3.55	3.30	3.47	4.25	ppb
Boron	11-1	3.56	3.35	3.46	3.45	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.11	-0.13	-0.12		ppb
Cadmium	106-1	-12.04	-12.22	-12.27	-12.18		ppb
Cadmium	108-1	-0.06	-0.16	-0.08	-0.10		ppb
Calcium	43-1	-2.50	5.79	-3.14	0.05	10175.52	ppb
Calcium	44-1	-15.55	-10.09	-21.18	-15.61		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.02	-0.01	0.02	166.84	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	29.62	ppb
Copper	63-2	0.08	0.04	0.11	0.08	44.87	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				98		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	0.15	0.28	1.20	0.54	104.90	ppb
Iron	56-2	0.71	0.60	1.48	0.93	51.44	ppb
Iron	57-2	-0.15	0.49	0.38	0.24	142.77	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BL	Instrumnet Name :	P8
Client Sample ID :	PB139843BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:18:07	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.07	-0.04	0.00	1353.51	ppb
Lead	207-1	-0.08	0.08	-0.07	-0.02		ppb
Lead	208-1	-0.04	0.07	-0.06	-0.01		ppb
Lithium	6-1				111		%
Magnesium	24-2	1.72	1.49	3.20	2.14	43.44	ppb
Manganese	55-2	0.10	0.05	0.16	0.11	52.07	ppb
Molybdenum	94-1	0.03	0.13	0.03	0.06	94.37	ppb
Molybdenum	95-1	0.03	0.15	0.05	0.08	87.41	ppb
Molybdenum	96-1	0.04	0.15	0.02	0.07	98.20	ppb
Molybdenum	97-1	0.03	0.14	0.04	0.07	92.10	ppb
Molybdenum	98-1	0.03	0.17	0.05	0.08	89.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	407.81	ppb
Phosphorus	31-2	-7.88	-7.52	-0.54	-5.31		ppb
Potassium	39-2	-4.54	-10.17	-7.34	-7.35		ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	0.58	-0.22	-0.22	0.05	978.72	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.42	0.12	0.18	0.24	66.71	ppb
Silicon	28-1	-9.49	-11.67	-12.48	-11.21		ppb
Silver	107-1	0.02	0.01	0.01	0.01	36.19	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.91	ppb
Sodium	23-2	-3.13	-4.71	-4.30	-4.04		ppb
Strontium	86-1	0.05	0.14	0.02	0.07	92.84	ppb
Strontium	88-1	0.03	0.17	0.05	0.08	88.00	ppb
Sulfur	34-1	-659.03	-890.11	-1126.79	-891.98		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.03	-0.01	0.00	1838.27	ppb
Tin	118-1	-0.02	0.00	-0.08	-0.03		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BL	Instrumnet Name :	P8
Client Sample ID :	PB139843BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:18:07	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.08	-0.03	0.00	1776.59	ppb
Uranium	238-1	0.01	0.03	0.01	0.01	83.64	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	602.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	-0.27	-0.29	-0.15	-0.24		ppb
Zirconium	90-1	-0.01	0.02	0.00	0.01	271.96	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	71.94	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BS	Instrumnet Name :	P8
Client Sample ID :	PB139843BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:21:08	DataFile Name :	072LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9976.54	9921.18	10073.82	9990.51	0.77	ppb
Antimony	121-1	489.03	504.66	463.23	485.64	4.31	ppb
Arsenic	75-2	491.84	484.80	487.60	488.08	0.73	ppb
Barium	135-1	2424.69	2491.57	2289.99	2402.08	4.27	ppb
Barium	137-1	2420.12	2461.86	2280.94	2387.64	3.97	ppb
Beryllium	9-1	496.08	478.84	438.29	471.07	6.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	410.99	426.11	408.23	415.11	2.32	ppb
Boron	11-1	434.11	455.99	436.62	442.24	2.71	ppb
Bromine	81-1						cps
Cadmium	111-1	495.31	505.40	453.81	484.84	5.64	ppb
Cadmium	106-1	471.21	493.70	461.38	475.43	3.48	ppb
Cadmium	108-1	500.24	501.54	459.29	487.02	4.93	ppb
Calcium	43-1	56371.62	53679.66	49214.44	53088.58	6.81	ppb
Calcium	44-1	52042.54	51282.61	46109.82	49811.66	6.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.50	491.19	499.75	496.48	0.93	ppb
Cobalt	59-2	497.19	492.18	487.49	492.29	0.99	ppb
Copper	63-2	4917.79	4955.36	5061.19	4978.11	1.49	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				109		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	25791.90	26453.57	27291.47	26512.31	2.83	ppb
Iron	56-2	26555.80	26007.07	26362.27	26308.38	1.06	ppb
Iron	57-2	26935.03	26172.91	26453.60	26520.51	1.45	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BS	Instrumnet Name :	P8
Client Sample ID :	PB139843BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:21:08	DataFile Name :	072LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2562.42	2549.44	2324.24	2478.70	5.40	ppb
Lead	207-1	2554.18	2537.70	2323.41	2471.76	5.21	ppb
Lead	208-1	2569.33	2517.60	2298.17	2461.70	5.85	ppb
Lithium	6-1				113		%
Magnesium	24-2	52686.82	52937.40	53417.90	53014.04	0.70	ppb
Manganese	55-2	4807.08	4816.43	4947.63	4857.05	1.62	ppb
Molybdenum	94-1	2462.55	2467.12	2213.01	2380.90	6.11	ppb
Molybdenum	95-1	2503.00	2464.80	2246.57	2404.79	5.75	ppb
Molybdenum	96-1	2504.53	2467.52	2250.89	2407.65	5.69	ppb
Molybdenum	97-1	2480.64	2415.94	2271.51	2389.36	4.48	ppb
Molybdenum	98-1	2520.84	2373.28	2290.72	2394.95	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.38	473.48	478.10	472.99	1.14	ppb
Phosphorus	31-2	9944.54	10143.75	10244.70	10111.00	1.51	ppb
Potassium	39-2	24284.39	24701.21	24794.64	24593.41	1.10	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	503.47	499.99	461.03	488.17	4.83	ppb
Selenium	77-2	526.47	496.10	484.23	502.27	4.34	ppb
Selenium	78-2	492.40	498.20	490.34	493.65	0.83	ppb
Silicon	28-1	496.82	557.01	480.89	511.57	7.85	ppb
Silver	107-1	491.67	509.18	466.01	488.95	4.44	ppb
Silver	109-1	513.21	500.22	473.35	495.59	4.10	ppb
Sodium	23-2	52165.48	51606.46	53344.04	52371.99	1.69	ppb
Strontium	86-1	4979.40	5024.33	4602.98	4868.90	4.75	ppb
Strontium	88-1	4941.83	4935.53	4489.26	4788.87	5.42	ppb
Sulfur	34-1	9751.32	11084.66	8034.82	9623.60	15.89	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	520.62	494.15	487.01	500.59	3.54	ppb
Thallium	205-1	515.82	504.18	473.22	497.74	4.42	ppb
Tin	118-1	487.43	517.04	471.29	491.92	4.72	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BS	Instrumnet Name :	P8
Client Sample ID :	PB139843BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:21:08	DataFile Name :	072LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2426.15	2553.24	2164.91	2381.43	8.31	ppb
Uranium	238-1	495.26	480.07	455.20	476.84	4.24	ppb
Vanadium	51-2	494.98	492.23	508.98	498.73	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	4970.29	4987.23	5005.31	4987.61	0.35	ppb
Zirconium	90-1	491.12	493.85	439.43	474.80	6.46	ppb
Zirconium	91-1	506.94	499.19	457.62	487.91	5.44	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01	Instrumnet Name :	P8
Client Sample ID :	S-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:26:11	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29423.98	29733.90	29156.29	29438.06	0.98	ppb
Antimony	121-1	0.16	0.19	0.18	0.18	8.78	ppb
Arsenic	75-2	12.46	12.78	13.12	12.78	2.59	ppb
Barium	135-1	222.67	238.20	225.96	228.94	3.57	ppb
Barium	137-1	227.74	237.13	230.10	231.66	2.11	ppb
Beryllium	9-1	2.03	1.97	1.96	1.99	2.08	ppb
Bismuth	209-1				119		%
Bismuth	209-2				113		%
Boron	10-1	25.93	24.66	24.82	25.14	2.75	ppb
Boron	11-1	27.04	27.39	25.25	26.56	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.12	0.07	0.09	31.29	ppb
Cadmium	106-1	-9.00	-5.25	-8.94	-7.73		ppb
Cadmium	108-1	1.47	1.85	2.19	1.84	19.68	ppb
Calcium	43-1	2243.17	2262.39	2165.05	2223.54	2.32	ppb
Calcium	44-1	2237.87	2261.96	2185.86	2228.56	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.46	70.80	69.80	70.69	1.18	ppb
Cobalt	59-2	14.45	14.49	14.42	14.45	0.21	ppb
Copper	63-2	11.30	11.07	11.09	11.15	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				112		%
Indium	115-1				118		%
Indium	115-2				108		%
Iron	54-2	41155.77	40867.98	41383.39	41135.71	0.63	ppb
Iron	56-2	42203.76	41673.27	41578.31	41818.45	0.81	ppb
Iron	57-2	41998.60	41928.09	42040.60	41989.10	0.14	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01	Instrumnet Name :	P8
Client Sample ID :	S-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:26:11	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15.92	15.80	14.99	15.57	3.25	ppb
Lead	207-1	14.77	15.05	14.14	14.65	3.18	ppb
Lead	208-1	15.33	15.40	14.41	15.05	3.68	ppb
Lithium	6-1				124		%
Magnesium	24-2	2892.22	2889.19	2949.16	2910.19	1.16	ppb
Manganese	55-2	318.14	310.90	316.12	315.06	1.19	ppb
Molybdenum	94-1	33.37	34.96	37.13	35.15	5.37	ppb
Molybdenum	95-1	4.72	4.78	4.76	4.75	0.58	ppb
Molybdenum	96-1	8.45	8.47	8.39	8.44	0.45	ppb
Molybdenum	97-1	4.62	4.90	4.72	4.74	2.98	ppb
Molybdenum	98-1	4.66	4.79	4.59	4.68	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.46	23.23	23.74	23.47	1.09	ppb
Phosphorus	31-2	1401.47	1400.70	1406.72	1402.96	0.23	ppb
Potassium	39-2	1858.56	1895.53	1864.44	1872.84	1.06	ppb
Rhodium	103-1				118		%
Rhodium	103-2				108		%
Scandium	45-1				123		%
Scandium	45-2				113		%
Selenium	82-1	1.13	2.05	2.27	1.82	33.47	ppb
Selenium	77-2	48.88	51.56	52.81	51.08	3.92	ppb
Selenium	78-2	9.81	10.30	10.75	10.29	4.58	ppb
Silicon	28-1	1690.09	2027.47	1902.74	1873.43	9.11	ppb
Silver	107-1	0.11	0.11	0.11	0.11	2.46	ppb
Silver	109-1	0.09	0.11	0.10	0.10	12.25	ppb
Sodium	23-2	202.71	228.13	202.29	211.04	7.01	ppb
Strontium	86-1	34.96	35.31	34.04	34.77	1.88	ppb
Strontium	88-1	36.56	35.16	34.61	35.44	2.83	ppb
Sulfur	34-1	-3131.59	-2894.23	-3102.53	-3042.78		ppb
Terbium	159-1				120		%
Terbium	159-2				111		%
Thallium	203-1	0.35	0.34	0.34	0.35	2.26	ppb
Thallium	205-1	0.32	0.34	0.33	0.33	3.74	ppb
Tin	118-1	4.50	3.79	2.71	3.67	24.59	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01	Instrumnet Name :	P8
Client Sample ID :	S-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:26:11	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	316.78	377.86	319.93	338.19	10.17	ppb
Uranium	238-1	3.26	3.20	3.05	3.17	3.34	ppb
Vanadium	51-2	70.93	69.92	70.69	70.51	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				129		%
Yttrium	89-2				117		%
Zinc	66-2	104.04	103.12	105.59	104.25	1.20	ppb
Zirconium	90-1	20.49	20.14	20.02	20.21	1.20	ppb
Zirconium	91-1	20.37	20.51	19.16	20.01	3.72	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01DUP	Instrumnet Name :	P8
Client Sample ID :	S-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:29:08	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29414.99	28878.97	30302.90	29532.29	2.44	ppb
Antimony	121-1	0.10	0.12	0.13	0.12	11.77	ppb
Arsenic	75-2	12.83	12.76	13.52	13.04	3.24	ppb
Barium	135-1	228.35	237.50	228.81	231.56	2.23	ppb
Barium	137-1	232.73	241.27	231.02	235.01	2.34	ppb
Beryllium	9-1	2.03	2.05	1.99	2.02	1.69	ppb
Bismuth	209-1				118		%
Bismuth	209-2				111		%
Boron	10-1	15.78	15.57	15.57	15.64	0.78	ppb
Boron	11-1	16.91	16.56	16.45	16.64	1.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.01	0.00	0.00	1030.63	ppb
Cadmium	106-1	-5.51	-6.73	-5.71	-5.98		ppb
Cadmium	108-1	1.53	1.30	1.47	1.44	8.22	ppb
Calcium	43-1	2111.85	2086.25	2115.51	2104.54	0.76	ppb
Calcium	44-1	2159.39	2144.92	2145.03	2149.78	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.22	70.54	70.77	70.51	0.39	ppb
Cobalt	59-2	14.30	14.39	14.45	14.38	0.52	ppb
Copper	63-2	10.07	9.92	9.93	9.97	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				120		%
Holmium	165-2				113		%
Indium	115-1				121		%
Indium	115-2				112		%
Iron	54-2	41472.84	41253.12	41012.29	41246.08	0.56	ppb
Iron	56-2	42444.31	42682.78	41601.84	42242.98	1.34	ppb
Iron	57-2	42459.55	42108.71	41917.16	42161.80	0.65	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01DUP	Instrumnet Name :	P8
Client Sample ID :	S-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:29:08	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15.06	14.99	15.35	15.13	1.25	ppb
Lead	207-1	14.76	14.95	14.56	14.76	1.32	ppb
Lead	208-1	15.00	14.88	14.90	14.93	0.43	ppb
Lithium	6-1				121		%
Magnesium	24-2	2906.68	2867.17	2959.32	2911.06	1.59	ppb
Manganese	55-2	312.25	308.47	311.68	310.80	0.66	ppb
Molybdenum	94-1	34.43	34.71	34.37	34.50	0.53	ppb
Molybdenum	95-1	4.59	4.66	4.61	4.62	0.80	ppb
Molybdenum	96-1	8.57	8.51	8.89	8.66	2.39	ppb
Molybdenum	97-1	4.68	4.81	4.80	4.76	1.55	ppb
Molybdenum	98-1	4.62	4.74	4.57	4.64	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.88	21.81	22.21	21.96	0.96	ppb
Phosphorus	31-2	1314.42	1338.23	1459.09	1370.58	5.66	ppb
Potassium	39-2	1922.06	1931.89	1872.32	1908.76	1.67	ppb
Rhodium	103-1				117		%
Rhodium	103-2				110		%
Scandium	45-1				121		%
Scandium	45-2				114		%
Selenium	82-1	1.76	2.47	2.65	2.29	20.49	ppb
Selenium	77-2	49.09	53.37	51.43	51.30	4.17	ppb
Selenium	78-2	9.60	10.85	9.52	9.99	7.43	ppb
Silicon	28-1	2009.68	2746.00	2318.63	2358.10	15.68	ppb
Silver	107-1	0.10	0.10	0.10	0.10	3.74	ppb
Silver	109-1	0.09	0.08	0.07	0.08	10.23	ppb
Sodium	23-2	125.13	127.61	135.13	129.29	4.03	ppb
Strontium	86-1	34.02	35.93	36.67	35.54	3.85	ppb
Strontium	88-1	34.89	35.77	35.64	35.43	1.35	ppb
Sulfur	34-1	-3606.53	-3842.93	-3994.11	-3814.53		ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.31	0.32	0.26	0.30	10.48	ppb
Thallium	205-1	0.28	0.31	0.30	0.30	5.51	ppb
Tin	118-1	2.09	2.10	3.03	2.41	22.27	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01DUP	Instrumnet Name :	P8
Client Sample ID :	S-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:29:08	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	351.90	350.49	370.16	357.52	3.07	ppb
Uranium	238-1	3.21	3.11	3.25	3.19	2.19	ppb
Vanadium	51-2	71.37	71.09	71.39	71.29	0.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				129		%
Yttrium	89-2				119		%
Zinc	66-2	77.64	76.47	78.80	77.64	1.50	ppb
Zirconium	90-1	20.41	20.55	20.17	20.37	0.94	ppb
Zirconium	91-1	20.37	20.16	20.16	20.23	0.59	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01LX5	Instrumnet Name :	P8
Client Sample ID :	S-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 17:32:03	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5538.26	6523.74	5550.95	5870.98	9.63	ppb
Antimony	121-1	0.03	0.06	0.07	0.05	32.59	ppb
Arsenic	75-2	2.53	3.00	2.65	2.73	8.93	ppb
Barium	135-1	43.71	42.43	44.29	43.48	2.19	ppb
Barium	137-1	44.49	44.68	45.20	44.79	0.82	ppb
Beryllium	9-1	0.38	0.39	0.36	0.37	3.08	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	9.28	7.84	8.31	8.48	8.69	ppb
Boron	11-1	9.56	8.77	9.29	9.21	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.08	-0.08	-0.08		ppb
Cadmium	106-1	-10.78	-11.04	-9.92	-10.58		ppb
Cadmium	108-1	-0.03	0.20	0.21	0.12	109.31	ppb
Calcium	43-1	412.40	417.88	434.00	421.43	2.66	ppb
Calcium	44-1	395.51	396.58	410.71	400.93	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.03	17.29	14.43	15.58	9.67	ppb
Cobalt	59-2	2.73	3.39	2.85	2.99	11.80	ppb
Copper	63-2	2.22	2.75	2.20	2.39	13.05	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				99		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	54-2	7742.86	9274.75	7867.81	8295.14	10.25	ppb
Iron	56-2	8210.47	9598.55	8142.28	8650.43	9.50	ppb
Iron	57-2	7749.50	9307.58	7783.23	8280.10	10.75	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01LX5	Instrumnet Name :	P8
Client Sample ID :	S-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 17:32:03	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.94	2.90	2.91	2.92	0.66	ppb
Lead	207-1	2.61	2.81	2.73	2.71	3.70	ppb
Lead	208-1	2.71	2.79	2.79	2.76	1.59	ppb
Lithium	6-1				109		%
Magnesium	24-2	540.54	678.45	557.88	592.29	12.68	ppb
Manganese	55-2	62.36	72.94	62.10	65.80	9.40	ppb
Molybdenum	94-1	6.89	6.92	7.05	6.95	1.24	ppb
Molybdenum	95-1	0.95	1.06	1.02	1.01	5.23	ppb
Molybdenum	96-1	1.70	1.84	1.70	1.75	4.63	ppb
Molybdenum	97-1	0.97	1.05	0.94	0.99	5.38	ppb
Molybdenum	98-1	1.04	0.99	0.96	1.00	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.49	6.64	5.29	5.80	12.53	ppb
Phosphorus	31-2	250.30	276.61	279.34	268.75	5.97	ppb
Potassium	39-2	360.64	437.05	365.68	387.79	11.02	ppb
Rhodium	103-1				108		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	82-1	0.24	0.03	0.43	0.24	84.92	ppb
Selenium	77-2	7.24	14.89	10.21	10.78	35.80	ppb
Selenium	78-2	2.99	2.55	2.61	2.72	8.70	ppb
Silicon	28-1	427.90	428.80	1250.76	702.49	67.59	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.15	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.71	ppb
Sodium	23-2	27.20	43.46	25.24	31.96	31.29	ppb
Strontium	86-1	7.00	7.31	7.38	7.23	2.78	ppb
Strontium	88-1	6.98	7.09	7.31	7.13	2.32	ppb
Sulfur	34-1	-4053.20	-4115.06	-3933.62	-4033.96		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.06	0.04	0.06	20.87	ppb
Thallium	205-1	0.06	0.08	0.05	0.06	18.07	ppb
Tin	118-1	0.24	0.45	1.20	0.63	80.23	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01LX5	Instrumnet Name :	P8
Client Sample ID :	S-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 17:32:03	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	60.13	59.27	67.94	62.44	7.65	ppb
Uranium	238-1	0.61	0.60	0.63	0.62	2.74	ppb
Vanadium	51-2	13.79	16.50	13.77	14.69	10.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	18.75	22.28	19.02	20.02	9.83	ppb
Zirconium	90-1	4.01	4.13	4.11	4.08	1.52	ppb
Zirconium	91-1	3.91	4.01	4.14	4.02	2.84	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MS	Instrumnet Name :	P8
Client Sample ID :	S-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:38:23	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36816.05	37411.69	36614.29	36947.34	1.12	ppb
Antimony	121-1	461.89	516.90	473.51	484.10	5.99	ppb
Arsenic	75-2	494.47	489.52	483.12	489.04	1.16	ppb
Barium	135-1	2653.03	2936.68	2649.12	2746.28	6.00	ppb
Barium	137-1	2711.03	2990.98	2631.00	2777.67	6.80	ppb
Beryllium	9-1	477.42	545.30	483.94	502.22	7.46	ppb
Bismuth	209-1				114		%
Bismuth	209-2				112		%
Boron	10-1	392.88	464.65	442.54	433.36	8.48	ppb
Boron	11-1	426.61	510.46	468.08	468.38	8.95	ppb
Bromine	81-1						cps
Cadmium	111-1	494.61	559.45	497.88	517.31	7.06	ppb
Cadmium	106-1	496.19	563.68	497.21	519.03	7.45	ppb
Cadmium	108-1	504.90	572.62	506.01	527.84	7.35	ppb
Calcium	43-1	49045.32	56437.39	48471.75	51318.16	8.66	ppb
Calcium	44-1	48461.50	55290.63	49309.19	51020.44	7.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	543.31	553.27	546.87	547.82	0.92	ppb
Cobalt	59-2	482.48	492.35	486.75	487.19	1.02	ppb
Copper	63-2	5143.62	5143.23	5038.99	5108.62	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	54-2	62002.02	62287.49	62081.54	62123.68	0.24	ppb
Iron	56-2	62213.17	63161.71	62326.93	62567.27	0.83	ppb
Iron	57-2	62966.61	63261.42	61179.82	62469.28	1.80	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MS	Instrumnet Name :	P8
Client Sample ID :	S-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:38:23	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2430.15	2832.26	2495.55	2585.99	8.34	ppb
Lead	207-1	2392.57	2793.92	2479.39	2555.29	8.26	ppb
Lead	208-1	2405.91	2794.16	2472.59	2557.55	8.12	ppb
Lithium	6-1				118		%
Magnesium	24-2	50600.92	51518.51	50673.66	50931.03	1.00	ppb
Manganese	55-2	5332.58	5418.56	5321.73	5357.63	0.99	ppb
Molybdenum	94-1	2152.71	2516.88	2197.54	2289.04	8.68	ppb
Molybdenum	95-1	2100.99	2455.19	2156.44	2237.54	8.51	ppb
Molybdenum	96-1	2071.05	2481.16	2159.25	2237.15	9.65	ppb
Molybdenum	97-1	2066.40	2470.56	2151.96	2229.64	9.55	ppb
Molybdenum	98-1	2061.40	2501.51	2143.29	2235.40	10.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.57	479.87	464.75	473.06	1.62	ppb
Phosphorus	31-2	1291.26	1385.24	1337.92	1338.14	3.51	ppb
Potassium	39-2	24784.21	25472.65	24463.07	24906.64	2.07	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				120		%
Scandium	45-2				116		%
Selenium	82-1	463.91	556.35	480.27	500.18	9.86	ppb
Selenium	77-2	522.44	510.12	520.34	517.63	1.27	ppb
Selenium	78-2	506.92	492.98	483.04	494.31	2.43	ppb
Silicon	28-1	6488.09	3779.82	2530.54	4266.15	47.42	ppb
Silver	107-1	483.29	546.37	490.72	506.79	6.80	ppb
Silver	109-1	473.46	548.09	486.97	502.84	7.91	ppb
Sodium	23-2	48214.23	48479.66	47517.14	48070.35	1.03	ppb
Strontium	86-1	483.60	562.56	493.31	513.16	8.39	ppb
Strontium	88-1	481.90	564.36	498.49	514.92	8.47	ppb
Sulfur	34-1	-3092.68	-1890.03	-2857.03	-2613.25		ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	484.49	554.45	493.64	510.86	7.44	ppb
Thallium	205-1	474.05	563.53	471.75	503.11	10.40	ppb
Tin	118-1	503.54	549.72	492.26	515.17	5.91	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MS	Instrumnet Name :	P8
Client Sample ID :	S-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:38:23	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2587.26	3063.21	2711.42	2787.30	8.86	ppb
Uranium	238-1	476.06	543.75	487.81	502.54	7.20	ppb
Vanadium	51-2	543.12	546.43	542.96	544.17	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				118		%
Zinc	66-2	5579.43	5502.21	5444.04	5508.56	1.23	ppb
Zirconium	90-1	460.44	524.23	460.81	481.83	7.62	ppb
Zirconium	91-1	462.30	528.15	465.69	485.38	7.64	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MSD	Instrumnet Name :	P8
Client Sample ID :	S-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:41:19	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37360.38	35899.63	36239.16	36499.72	2.09	ppb
Antimony	121-1	486.21	462.98	478.76	475.99	2.49	ppb
Arsenic	75-2	489.71	480.29	487.34	485.78	1.01	ppb
Barium	135-1	2699.70	2553.87	2609.10	2620.89	2.81	ppb
Barium	137-1	2750.41	2496.45	2674.45	2640.44	4.94	ppb
Beryllium	9-1	496.24	488.01	483.46	489.24	1.32	ppb
Bismuth	209-1				118		%
Bismuth	209-2				112		%
Boron	10-1	440.49	441.89	460.83	447.74	2.54	ppb
Boron	11-1	456.96	482.55	493.69	477.73	3.94	ppb
Bromine	81-1						cps
Cadmium	111-1	501.90	481.38	493.84	492.37	2.10	ppb
Cadmium	106-1	489.70	462.84	491.15	481.23	3.31	ppb
Cadmium	108-1	508.89	477.43	513.97	500.10	3.96	ppb
Calcium	43-1	50190.15	50711.22	50182.65	50361.34	0.60	ppb
Calcium	44-1	49139.68	48517.63	48810.92	48822.74	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	567.90	535.75	544.69	549.45	3.02	ppb
Cobalt	59-2	498.14	482.71	495.90	492.25	1.69	ppb
Copper	63-2	5367.49	5132.35	5117.30	5205.71	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				116		%
Indium	115-1				118		%
Indium	115-2				110		%
Iron	54-2	64471.82	60843.53	62101.65	62472.34	2.95	ppb
Iron	56-2	63032.88	61637.58	61929.03	62199.83	1.18	ppb
Iron	57-2	64467.55	61353.30	62384.81	62735.22	2.53	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MSD	Instrumnet Name :	P8
Client Sample ID :	S-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:41:19	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2431.28	2474.60	2510.63	2472.17	1.61	ppb
Lead	207-1	2415.22	2451.95	2514.13	2460.44	2.03	ppb
Lead	208-1	2413.00	2460.39	2471.89	2448.43	1.27	ppb
Lithium	6-1				122		%
Magnesium	24-2	30491.35	29977.04	29295.37	29921.25	2.01	ppb
Manganese	55-2	5465.81	5229.50	5314.69	5336.67	2.24	ppb
Molybdenum	94-1	2250.28	2248.08	2200.97	2233.11	1.25	ppb
Molybdenum	95-1	2207.37	2199.51	2193.79	2200.22	0.31	ppb
Molybdenum	96-1	2226.99	2176.98	2201.60	2201.85	1.14	ppb
Molybdenum	97-1	2196.37	2178.11	2173.46	2182.65	0.55	ppb
Molybdenum	98-1	2180.52	2201.45	2190.00	2190.66	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.19	471.78	473.11	478.36	2.15	ppb
Phosphorus	31-2	1353.07	1296.84	1379.74	1343.22	3.15	ppb
Potassium	39-2	25287.01	24262.40	24584.38	24711.26	2.12	ppb
Rhodium	103-1				115		%
Rhodium	103-2				109		%
Scandium	45-1				122		%
Scandium	45-2				114		%
Selenium	82-1	474.98	479.09	488.68	480.92	1.46	ppb
Selenium	77-2	516.38	568.20	530.70	538.43	4.97	ppb
Selenium	78-2	488.77	489.60	491.17	489.85	0.25	ppb
Silicon	28-1	1845.97	4158.83	2218.34	2741.05	45.31	ppb
Silver	107-1	483.33	457.52	484.46	475.10	3.21	ppb
Silver	109-1	505.18	462.71	498.97	488.95	4.69	ppb
Sodium	23-2	50270.37	48606.28	48688.94	49188.53	1.91	ppb
Strontium	86-1	504.76	509.62	505.05	506.48	0.54	ppb
Strontium	88-1	493.73	499.42	498.33	497.16	0.61	ppb
Sulfur	34-1	-3143.28	-2928.91	-2784.08	-2952.09		ppb
Terbium	159-1				121		%
Terbium	159-2				114		%
Thallium	203-1	466.57	500.22	503.16	489.98	4.15	ppb
Thallium	205-1	473.54	496.83	495.16	488.51	2.66	ppb
Tin	118-1	501.21	473.77	487.46	487.48	2.81	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MSD	Instrumnet Name :	P8
Client Sample ID :	S-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:41:19	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2641.08	2713.09	2712.12	2688.76	1.54	ppb
Uranium	238-1	485.41	488.28	490.80	488.16	0.55	ppb
Vanadium	51-2	569.43	548.93	547.34	555.23	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				129		%
Yttrium	89-2				119		%
Zinc	66-2	5624.71	5242.25	5460.13	5442.36	3.53	ppb
Zirconium	90-1	457.44	467.30	461.73	462.16	1.07	ppb
Zirconium	91-1	458.63	470.67	467.81	465.70	1.35	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01A	Instrumnet Name :	P8
Client Sample ID :	S-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:44:12	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37447.87	37773.59	36913.91	37378.46	1.16	ppb
Antimony	121-1	477.79	451.25	444.30	457.78	3.86	ppb
Arsenic	75-2	472.79	496.76	500.09	489.88	3.04	ppb
Barium	135-1	2684.55	2568.25	2520.18	2590.99	3.26	ppb
Barium	137-1	2740.78	2610.25	2553.20	2634.75	3.65	ppb
Beryllium	9-1	512.65	492.37	493.14	499.39	2.30	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	10-1	472.53	474.26	480.60	475.80	0.89	ppb
Boron	11-1	502.37	496.90	518.96	506.08	2.27	ppb
Bromine	81-1						cps
Cadmium	111-1	508.46	500.33	498.08	502.29	1.09	ppb
Cadmium	106-1	502.66	488.96	482.49	491.37	2.10	ppb
Cadmium	108-1	514.21	488.82	493.84	498.96	2.69	ppb
Calcium	43-1	52372.75	49988.13	49652.02	50670.97	2.93	ppb
Calcium	44-1	50093.78	49504.22	47950.29	49182.76	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	545.61	549.08	573.84	556.18	2.77	ppb
Cobalt	59-2	483.18	482.70	509.37	491.75	3.10	ppb
Copper	63-2	5295.47	5212.14	5375.07	5294.22	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				114		%
Indium	115-1				117		%
Indium	115-2				109		%
Iron	54-2	61729.05	62854.33	64897.03	63160.14	2.54	ppb
Iron	56-2	63950.72	62928.67	64497.30	63792.23	1.25	ppb
Iron	57-2	61188.74	62892.71	64721.07	62934.17	2.81	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01A	Instrumnet Name :	P8
Client Sample ID :	S-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:44:12	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2602.33	2498.30	2560.82	2553.82	2.05	ppb
Lead	207-1	2585.38	2498.90	2504.66	2529.64	1.91	ppb
Lead	208-1	2578.60	2474.81	2513.33	2522.25	2.08	ppb
Lithium	6-1				120		%
Magnesium	24-2	41258.69	41384.71	41761.47	41468.29	0.63	ppb
Manganese	55-2	5427.97	5526.99	5516.15	5490.37	0.99	ppb
Molybdenum	94-1	2263.09	2228.11	2204.83	2232.01	1.31	ppb
Molybdenum	95-1	2196.77	2177.72	2149.72	2174.74	1.09	ppb
Molybdenum	96-1	2223.06	2189.84	2186.04	2199.65	0.93	ppb
Molybdenum	97-1	2184.44	2180.18	2208.21	2190.95	0.69	ppb
Molybdenum	98-1	2206.62	2201.27	2191.24	2199.71	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.80	480.42	492.97	483.73	1.68	ppb
Phosphorus	31-2	1230.30	1297.12	1314.92	1280.78	3.48	ppb
Potassium	39-2	24541.81	24777.08	25434.21	24917.70	1.86	ppb
Rhodium	103-1				114		%
Rhodium	103-2				106		%
Scandium	45-1				121		%
Scandium	45-2				113		%
Selenium	82-1	486.57	478.27	480.89	481.91	0.88	ppb
Selenium	77-2	536.59	536.88	525.97	533.14	1.17	ppb
Selenium	78-2	478.70	506.24	507.84	497.59	3.29	ppb
Silicon	28-1	2134.11	2083.86	2764.35	2327.44	16.29	ppb
Silver	107-1	505.77	476.07	469.95	483.93	3.96	ppb
Silver	109-1	490.22	488.16	468.18	482.18	2.52	ppb
Sodium	23-2	49055.30	49049.50	50896.31	49667.04	2.14	ppb
Strontium	86-1	524.97	496.82	503.77	508.52	2.88	ppb
Strontium	88-1	515.37	502.61	495.00	504.33	2.04	ppb
Sulfur	34-1	-2717.44	-3062.10	-3023.06	-2934.20		ppb
Terbium	159-1				121		%
Terbium	159-2				116		%
Thallium	203-1	530.78	494.54	506.95	510.76	3.61	ppb
Thallium	205-1	521.64	491.80	496.68	503.38	3.18	ppb
Tin	118-1	498.16	480.88	471.06	483.37	2.84	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01A	Instrumnet Name :	P8
Client Sample ID :	S-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:44:12	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2725.56	2629.03	2611.04	2655.21	2.32	ppb
Uranium	238-1	512.87	492.78	485.88	497.17	2.82	ppb
Vanadium	51-2	544.32	546.47	573.45	554.75	2.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				118		%
Zinc	66-2	5443.11	5503.67	5670.55	5539.11	2.13	ppb
Zirconium	90-1	472.56	463.97	465.93	467.49	0.96	ppb
Zirconium	91-1	478.04	468.21	468.44	471.56	1.19	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-02	Instrumnet Name :	P8
Client Sample ID :	S-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:47:07	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28290.85	29332.14	28541.47	28721.48	1.89	ppb
Antimony	121-1	0.41	0.45	0.48	0.45	8.53	ppb
Arsenic	75-2	18.92	19.38	18.89	19.06	1.44	ppb
Barium	135-1	197.03	198.47	217.99	204.50	5.72	ppb
Barium	137-1	201.21	203.29	220.94	208.48	5.20	ppb
Beryllium	9-1	2.63	2.52	2.87	2.67	6.73	ppb
Bismuth	209-1				116		%
Bismuth	209-2				113		%
Boron	10-1	63.05	58.58	61.93	61.19	3.80	ppb
Boron	11-1	66.62	62.25	66.57	65.15	3.85	ppb
Bromine	81-1						cps
Cadmium	111-1	0.81	0.83	0.94	0.86	8.06	ppb
Cadmium	106-1	-6.28	-3.41	-5.13	-4.94		ppb
Cadmium	108-1	2.75	2.64	2.76	2.72	2.37	ppb
Calcium	43-1	2989.08	2937.96	3273.71	3066.92	5.90	ppb
Calcium	44-1	3031.52	2996.86	3389.77	3139.38	6.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.00	83.96	80.87	81.61	2.55	ppb
Cobalt	59-2	11.95	12.44	12.11	12.17	2.06	ppb
Copper	63-2	15.13	16.04	15.32	15.50	3.07	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				119		%
Holmium	165-2				114		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	54-2	47032.68	47829.48	46839.71	47233.96	1.11	ppb
Iron	56-2	46043.26	49718.40	48065.61	47942.42	3.84	ppb
Iron	57-2	46872.70	47368.66	47279.25	47173.53	0.56	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-02	Instrumnet Name :	P8
Client Sample ID :	S-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:47:07	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	21.49	20.00	22.58	21.36	6.07	ppb
Lead	207-1	20.13	18.42	21.11	19.88	6.83	ppb
Lead	208-1	20.57	19.22	21.67	20.49	6.00	ppb
Lithium	6-1				120		%
Magnesium	24-2	2773.19	2877.19	2811.90	2820.76	1.86	ppb
Manganese	55-2	361.44	375.51	367.96	368.30	1.91	ppb
Molybdenum	94-1	30.69	30.08	34.67	31.81	7.84	ppb
Molybdenum	95-1	2.68	2.56	2.79	2.68	4.33	ppb
Molybdenum	96-1	6.35	6.11	6.99	6.48	6.97	ppb
Molybdenum	97-1	2.72	2.62	2.87	2.73	4.62	ppb
Molybdenum	98-1	2.65	2.49	2.87	2.67	7.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.67	24.50	23.84	24.00	1.82	ppb
Phosphorus	31-2	1992.66	2180.44	2037.76	2070.29	4.73	ppb
Potassium	39-2	1896.58	2007.82	1980.68	1961.69	2.96	ppb
Rhodium	103-1				115		%
Rhodium	103-2				110		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	82-1	1.44	1.80	1.30	1.52	16.96	ppb
Selenium	77-2	45.86	48.09	52.84	48.93	7.29	ppb
Selenium	78-2	9.58	11.31	10.10	10.33	8.60	ppb
Silicon	28-1	1988.18	1438.13	1507.93	1644.75	18.21	ppb
Silver	107-1	0.28	0.25	0.38	0.30	22.61	ppb
Silver	109-1	0.24	0.23	0.36	0.28	26.51	ppb
Sodium	23-2	254.89	244.63	240.42	246.65	3.02	ppb
Strontium	86-1	40.90	40.76	45.64	42.43	6.55	ppb
Strontium	88-1	41.43	41.88	47.38	43.57	7.61	ppb
Sulfur	34-1	-3268.50	-3359.78	-2665.97	-3098.09		ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	1.47	1.38	1.57	1.47	6.49	ppb
Thallium	205-1	1.49	1.38	1.51	1.46	4.72	ppb
Tin	118-1	38.12	38.01	42.88	39.67	7.01	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-02	Instrumnet Name :	P8
Client Sample ID :	S-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:47:07	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	319.43	308.65	355.59	327.89	7.50	ppb
Uranium	238-1	3.44	3.25	3.80	3.49	8.07	ppb
Vanadium	51-2	72.40	75.80	72.46	73.56	2.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				122		%
Zinc	66-2	133.71	135.00	133.34	134.01	0.65	ppb
Zirconium	90-1	19.20	18.59	21.16	19.65	6.81	ppb
Zirconium	91-1	19.07	18.58	20.77	19.47	5.91	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-03	Instrumnet Name :	P8
Client Sample ID :	S-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:50:02	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30196.37	32036.15	30463.24	30898.59	3.22	ppb
Antimony	121-1	0.44	0.43	0.44	0.44	0.69	ppb
Arsenic	75-2	214.45	223.63	207.71	215.26	3.71	ppb
Barium	135-1	279.50	282.13	276.80	279.48	0.95	ppb
Barium	137-1	286.09	292.24	284.27	287.54	1.45	ppb
Beryllium	9-1	2.47	2.38	2.48	2.44	2.29	ppb
Bismuth	209-1				122		%
Bismuth	209-2				113		%
Boron	10-1	36.72	36.21	36.01	36.31	1.01	ppb
Boron	11-1	39.26	37.57	38.28	38.37	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	1.08	0.99	1.03	4.48	ppb
Cadmium	106-1	-7.24	-4.73	-6.41	-6.13		ppb
Cadmium	108-1	2.75	2.60	3.04	2.80	7.91	ppb
Calcium	43-1	5318.66	5252.79	5525.69	5365.71	2.65	ppb
Calcium	44-1	5528.63	5161.02	5418.57	5369.41	3.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.46	94.95	88.72	91.04	3.74	ppb
Cobalt	59-2	14.71	15.65	14.47	14.94	4.19	ppb
Copper	63-2	41.27	43.92	40.82	42.01	3.99	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				122		%
Holmium	165-2				115		%
Indium	115-1				121		%
Indium	115-2				112		%
Iron	54-2	50232.05	53221.41	49311.97	50921.81	4.01	ppb
Iron	56-2	50382.18	53008.02	50844.91	51411.70	2.73	ppb
Iron	57-2	51292.88	53121.31	49163.68	51192.62	3.87	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-03	Instrumnet Name :	P8
Client Sample ID :	S-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:50:02	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	185.00	173.40	181.21	179.87	3.29	ppb
Lead	207-1	178.66	169.48	176.93	175.02	2.79	ppb
Lead	208-1	189.62	178.59	188.14	185.45	3.23	ppb
Lithium	6-1				123		%
Magnesium	24-2	2760.47	2960.67	2788.97	2836.70	3.82	ppb
Manganese	55-2	385.39	412.41	387.62	395.14	3.80	ppb
Molybdenum	94-1	37.22	37.75	37.34	37.44	0.74	ppb
Molybdenum	95-1	3.00	3.33	3.11	3.15	5.30	ppb
Molybdenum	96-1	7.85	9.11	7.69	8.22	9.44	ppb
Molybdenum	97-1	3.22	3.20	3.27	3.23	1.06	ppb
Molybdenum	98-1	3.22	3.17	3.16	3.19	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.66	31.75	30.14	30.52	3.59	ppb
Phosphorus	31-2	1797.55	1812.95	1626.17	1745.56	5.94	ppb
Potassium	39-2	2645.54	2852.46	2650.66	2716.22	4.34	ppb
Rhodium	103-1				118		%
Rhodium	103-2				110		%
Scandium	45-1				121		%
Scandium	45-2				114		%
Selenium	82-1	1.97	1.81	2.56	2.11	18.78	ppb
Selenium	77-2	48.04	40.14	39.75	42.64	10.96	ppb
Selenium	78-2	9.55	9.24	8.88	9.22	3.62	ppb
Silicon	28-1	1516.21	2116.25	2130.69	1921.05	18.25	ppb
Silver	107-1	0.25	0.23	0.26	0.25	6.05	ppb
Silver	109-1	0.26	0.26	0.24	0.25	4.23	ppb
Sodium	23-2	440.11	468.66	444.38	451.05	3.41	ppb
Strontium	86-1	83.24	83.70	83.77	83.57	0.34	ppb
Strontium	88-1	88.13	84.58	86.22	86.31	2.06	ppb
Sulfur	34-1	-3559.72	-3655.93	-3378.55	-3531.40		ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	1.34	1.31	1.37	1.34	2.25	ppb
Thallium	205-1	1.44	1.33	1.40	1.39	3.97	ppb
Tin	118-1	4.28	4.04	4.03	4.12	3.50	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-03	Instrumnet Name :	P8
Client Sample ID :	S-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:50:02	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	474.44	504.85	487.71	489.00	3.12	ppb
Uranium	238-1	4.33	4.17	4.24	4.24	1.90	ppb
Vanadium	51-2	97.37	103.00	97.24	99.20	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				119		%
Zinc	66-2	274.73	289.40	275.39	279.84	2.96	ppb
Zirconium	90-1	23.06	22.59	22.97	22.87	1.08	ppb
Zirconium	91-1	23.14	22.50	22.70	22.78	1.44	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:55:28	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50183.26	54127.00	51566.85	51959.04	3.85	ppb
Antimony	121-1	506.47	500.97	515.56	507.67	1.45	ppb
Arsenic	75-2	483.20	500.05	494.19	492.48	1.74	ppb
Barium	135-1	2575.99	2541.20	2603.17	2573.45	1.21	ppb
Barium	137-1	2543.66	2563.02	2621.57	2576.09	1.57	ppb
Beryllium	9-1	486.35	517.56	508.38	504.10	3.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	446.41	489.05	512.19	482.55	6.91	ppb
Boron	11-1	467.63	514.94	535.77	506.11	6.90	ppb
Bromine	81-1						cps
Cadmium	111-1	523.70	542.35	528.21	531.42	1.83	ppb
Cadmium	106-1	510.96	520.72	523.11	518.26	1.24	ppb
Cadmium	108-1	526.56	525.51	527.26	526.44	0.17	ppb
Calcium	43-1	256985.57	257137.55	256647.34	256923.49	0.10	ppb
Calcium	44-1	253534.77	253438.92	254255.37	253743.02	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.28	516.44	502.17	499.96	3.54	ppb
Cobalt	59-2	465.99	501.17	481.49	482.88	3.65	ppb
Copper	63-2	4875.89	5127.28	4963.69	4988.95	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	121208.73	131134.38	125460.07	125934.39	3.95	ppb
Iron	56-2	123390.12	131585.45	126045.62	127007.06	3.29	ppb
Iron	57-2	122938.19	128432.70	125525.06	125631.98	2.19	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:55:28	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2640.32	2682.25	2610.70	2644.42	1.36	ppb
Lead	207-1	2583.13	2610.03	2593.65	2595.60	0.52	ppb
Lead	208-1	2593.16	2605.62	2596.32	2598.37	0.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	248793.90	271299.71	255226.39	258440.00	4.49	ppb
Manganese	55-2	4858.60	5247.22	4969.00	5024.94	3.99	ppb
Molybdenum	94-1	2462.64	2528.24	2538.05	2509.64	1.63	ppb
Molybdenum	95-1	2510.63	2497.89	2528.38	2512.30	0.61	ppb
Molybdenum	96-1	2510.85	2485.87	2514.05	2503.59	0.62	ppb
Molybdenum	97-1	2458.63	2489.04	2491.34	2479.67	0.74	ppb
Molybdenum	98-1	2483.46	2530.89	2553.65	2522.67	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.62	497.70	467.31	474.54	4.32	ppb
Phosphorus	31-2	9720.89	10189.23	9956.93	9955.68	2.35	ppb
Potassium	39-2	118750.81	123823.40	121413.53	121329.25	2.09	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	523.47	529.23	543.23	531.98	1.91	ppb
Selenium	77-2	495.25	530.71	491.77	505.91	4.26	ppb
Selenium	78-2	496.37	515.25	508.92	506.85	1.90	ppb
Silicon	28-1	521.81	546.43	559.88	542.71	3.56	ppb
Silver	107-1	522.01	537.93	530.86	530.27	1.50	ppb
Silver	109-1	530.79	544.71	537.96	537.82	1.29	ppb
Sodium	23-2	246862.28	271332.03	258632.04	258942.12	4.73	ppb
Strontium	86-1	5008.54	5119.07	5106.34	5077.98	1.19	ppb
Strontium	88-1	4966.38	5019.25	5084.21	5023.28	1.17	ppb
Sulfur	34-1	9636.07	9626.30	11657.94	10306.77	11.35	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	535.81	534.72	532.04	534.19	0.36	ppb
Thallium	205-1	530.64	526.83	517.23	524.90	1.32	ppb
Tin	118-1	517.77	506.57	518.56	514.30	1.30	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:55:28	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2538.60	2556.52	2524.18	2539.76	0.64	ppb
Uranium	238-1	538.12	534.22	540.71	537.68	0.61	ppb
Vanadium	51-2	480.65	519.43	501.59	500.56	3.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	4776.05	5140.96	5016.51	4977.84	3.73	ppb
Zirconium	90-1	491.63	507.06	506.77	501.82	1.76	ppb
Zirconium	91-1	500.10	514.04	514.99	509.71	1.64	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCB92 Instrumnet Name : P8
 Client Sample ID : CCB92 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 18:09:18 DataFile Name : 082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.14	0.46	0.33	50.95	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	15.84	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.01	0.01	0.01	55.24	ppb
Barium	137-1	0.02	0.01	0.00	0.01	85.18	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.38	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	10.47	10.19	10.49	10.38	1.62	ppb
Boron	11-1	10.86	10.79	10.95	10.87	0.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.13	-0.16	-0.14		ppb
Cadmium	106-1	-12.29	-11.72	-14.04	-12.68		ppb
Cadmium	108-1	-0.06	-0.11	-0.05	-0.07		ppb
Calcium	43-1	-5.78	-5.67	-5.98	-5.81		ppb
Calcium	44-1	-17.72	-20.57	-18.22	-18.84		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.03	0.02	0.01	343.27	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	46.44	ppb
Copper	63-2	0.12	0.07	0.06	0.08	40.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	0.65	1.12	0.31	0.70	58.46	ppb
Iron	56-2	1.74	0.40	0.83	0.99	68.93	ppb
Iron	57-2	0.52	-0.12	-0.43	-0.01		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:09:18	DataFile Name :	082CCBE.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		ppb
Lead	207-1	-0.05	-0.03	-0.03	-0.04		ppb
Lead	208-1	-0.05	-0.04	-0.05	-0.05		ppb
Lithium	6-1				110		%
Magnesium	24-2	1.82	1.11	0.99	1.31	34.22	ppb
Manganese	55-2	0.10	0.02	0.06	0.06	61.49	ppb
Molybdenum	94-1	0.04	0.01	0.04	0.03	46.57	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	29.43	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	64.70	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	108.18	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	40.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-9.03	-10.72	-9.44	-9.73		ppb
Potassium	39-2	-7.81	-5.27	-9.32	-7.47		ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	-0.01	-0.85	-0.04	-0.30		ppb
Selenium	77-2	-0.33	0.16	0.15	-0.01		ppb
Selenium	78-2	0.83	0.48	0.25	0.52	56.04	ppb
Silicon	28-1	-11.96	-14.34	-12.51	-12.94		ppb
Silver	107-1	0.03	0.01	0.04	0.03	46.33	ppb
Silver	109-1	0.01	0.03	0.02	0.02	31.95	ppb
Sodium	23-2	-3.59	-7.37	-7.72	-6.23		ppb
Strontium	86-1	0.00	0.00	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	114.46	ppb
Sulfur	34-1	-1454.35	-1668.04	-1416.52	-1512.97		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.01	59.60	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	59.97	ppb
Tin	118-1	-0.15	-0.16	-0.15	-0.15		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:09:18	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.09	-0.07	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	80.63	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	416.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	-0.29	-0.44	-0.33	-0.35		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.03	0.03	0.00	0.02	79.95	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-04	Instrumnet Name :	P8
Client Sample ID :	S-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:15:42	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20050.24	24134.21	21779.84	21988.10	9.32	ppb
Antimony	121-1	0.13	0.10	0.13	0.12	12.21	ppb
Arsenic	75-2	12.36	14.70	12.82	13.29	9.36	ppb
Barium	135-1	108.79	107.96	117.35	111.36	4.67	ppb
Barium	137-1	110.52	108.71	114.17	111.13	2.50	ppb
Beryllium	9-1	1.29	1.21	1.36	1.29	5.60	ppb
Bismuth	209-1				122		%
Bismuth	209-2				107		%
Boron	10-1	11.20	10.46	10.92	10.86	3.47	ppb
Boron	11-1	11.84	11.86	13.57	12.42	7.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.33	0.30	0.32	0.32	4.78	ppb
Cadmium	106-1	-7.53	-8.60	-7.60	-7.91		ppb
Cadmium	108-1	2.48	2.27	1.83	2.19	15.24	ppb
Calcium	43-1	1692.88	1691.12	1793.62	1725.87	3.40	ppb
Calcium	44-1	1754.06	1686.88	1816.15	1752.37	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.12	79.02	71.67	72.27	8.95	ppb
Cobalt	59-2	6.89	8.04	7.20	7.38	8.10	ppb
Copper	63-2	9.49	11.21	10.06	10.25	8.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				109		%
Indium	115-1				125		%
Indium	115-2				109		%
Iron	54-2	37477.75	44918.54	40597.34	40997.88	9.11	ppb
Iron	56-2	37933.16	45191.96	40395.70	41173.60	8.97	ppb
Iron	57-2	38574.50	44992.30	40687.30	41418.03	7.90	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-04	Instrumnet Name :	P8
Client Sample ID :	S-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:15:42	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	14.62	14.54	14.71	14.62	0.57	ppb
Lead	207-1	13.79	13.36	13.85	13.67	1.99	ppb
Lead	208-1	14.22	13.84	14.34	14.13	1.84	ppb
Lithium	6-1				125		%
Magnesium	24-2	2617.36	3163.34	2809.54	2863.42	9.67	ppb
Manganese	55-2	156.91	187.73	165.65	170.10	9.34	ppb
Molybdenum	94-1	31.13	31.09	31.10	31.11	0.07	ppb
Molybdenum	95-1	2.93	2.91	2.94	2.93	0.63	ppb
Molybdenum	96-1	6.57	6.37	6.69	6.55	2.42	ppb
Molybdenum	97-1	2.85	2.95	2.81	2.87	2.54	ppb
Molybdenum	98-1	2.79	2.89	2.87	2.85	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.35	19.42	17.95	17.91	8.56	ppb
Phosphorus	31-2	867.81	1156.11	1066.74	1030.22	14.32	ppb
Potassium	39-2	1714.99	2038.26	1988.78	1914.01	9.10	ppb
Rhodium	103-1				122		%
Rhodium	103-2				108		%
Scandium	45-1				127		%
Scandium	45-2				113		%
Selenium	82-1	1.64	0.92	1.45	1.34	27.76	ppb
Selenium	77-2	37.58	52.26	43.15	44.33	16.71	ppb
Selenium	78-2	8.41	11.44	10.31	10.05	15.24	ppb
Silicon	28-1	732.69	1422.58	855.32	1003.53	36.68	ppb
Silver	107-1	0.10	0.11	0.11	0.11	4.80	ppb
Silver	109-1	0.09	0.08	0.08	0.08	6.82	ppb
Sodium	23-2	200.73	240.59	212.10	217.80	9.43	ppb
Strontium	86-1	21.81	21.31	21.24	21.45	1.43	ppb
Strontium	88-1	21.82	22.58	21.65	22.02	2.24	ppb
Sulfur	34-1	-3346.06	-3394.02	-2787.80	-3175.96		ppb
Terbium	159-1				125		%
Terbium	159-2				109		%
Thallium	203-1	0.69	0.68	0.62	0.66	5.13	ppb
Thallium	205-1	0.71	0.63	0.66	0.67	5.75	ppb
Tin	118-1	1.90	2.22	2.45	2.19	12.54	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-04	Instrumnet Name :	P8
Client Sample ID :	S-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:15:42	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	263.92	268.81	289.78	274.17	5.01	ppb
Uranium	238-1	3.08	3.07	3.18	3.11	1.95	ppb
Vanadium	51-2	66.20	78.05	70.53	71.59	8.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				135		%
Yttrium	89-2				117		%
Zinc	66-2	122.52	142.85	129.61	131.66	7.84	ppb
Zirconium	90-1	18.78	19.05	18.94	18.92	0.72	ppb
Zirconium	91-1	18.78	18.71	19.45	18.98	2.18	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-05	Instrumnet Name :	P8
Client Sample ID :	S-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:18:36	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24742.24	26855.07	25034.49	25543.93	4.48	ppb
Antimony	121-1	0.18	0.17	0.18	0.18	4.00	ppb
Arsenic	75-2	13.29	14.33	13.35	13.66	4.29	ppb
Barium	135-1	211.66	204.94	212.59	209.73	1.99	ppb
Barium	137-1	210.95	207.94	212.71	210.53	1.14	ppb
Beryllium	9-1	2.96	2.88	3.12	2.98	4.07	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	10-1	11.00	11.66	11.56	11.41	3.11	ppb
Boron	11-1	11.46	11.36	17.03	13.28	24.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.52	0.52	0.55	0.53	3.12	ppb
Cadmium	106-1	-6.10	-7.16	-5.95	-6.40		ppb
Cadmium	108-1	2.16	2.23	1.82	2.07	10.74	ppb
Calcium	43-1	3011.84	2965.42	2937.96	2971.74	1.26	ppb
Calcium	44-1	3067.40	3075.60	3011.76	3051.59	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.26	79.73	72.28	74.42	6.21	ppb
Cobalt	59-2	7.23	8.05	7.16	7.48	6.65	ppb
Copper	63-2	65.19	72.79	64.95	67.64	6.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				112		%
Indium	115-1				121		%
Indium	115-2				109		%
Iron	54-2	39068.06	43074.98	39627.00	40590.01	5.35	ppb
Iron	56-2	39238.17	43331.46	39500.07	40689.90	5.63	ppb
Iron	57-2	39288.95	43892.29	38866.74	40682.66	6.85	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-05	Instrumnet Name :	P8
Client Sample ID :	S-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:18:36	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.13	18.33	18.62	18.36	1.34	ppb
Lead	207-1	17.08	17.79	18.05	17.64	2.84	ppb
Lead	208-1	17.83	17.96	18.51	18.10	2.01	ppb
Lithium	6-1				120		%
Magnesium	24-2	2676.54	2984.07	2668.18	2776.26	6.48	ppb
Manganese	55-2	169.55	186.92	171.42	175.96	5.42	ppb
Molybdenum	94-1	32.60	31.12	33.49	32.40	3.70	ppb
Molybdenum	95-1	4.08	4.11	4.20	4.13	1.54	ppb
Molybdenum	96-1	7.70	7.95	8.17	7.94	2.95	ppb
Molybdenum	97-1	4.24	4.03	4.16	4.14	2.52	ppb
Molybdenum	98-1	4.25	3.98	4.20	4.14	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.35	22.66	20.66	21.22	5.90	ppb
Phosphorus	31-2	1162.28	1281.62	1092.62	1178.84	8.11	ppb
Potassium	39-2	1744.48	1872.02	1702.57	1773.02	4.98	ppb
Rhodium	103-1				120		%
Rhodium	103-2				109		%
Scandium	45-1				122		%
Scandium	45-2				113		%
Selenium	82-1	1.83	2.57	1.84	2.08	20.47	ppb
Selenium	77-2	46.31	53.47	45.49	48.42	9.06	ppb
Selenium	78-2	9.72	12.49	10.04	10.75	14.14	ppb
Silicon	28-1	1333.32	1463.87	1167.51	1321.57	11.24	ppb
Silver	107-1	0.09	0.10	0.12	0.10	13.59	ppb
Silver	109-1	0.08	0.08	0.09	0.08	8.84	ppb
Sodium	23-2	283.01	317.09	303.61	301.24	5.70	ppb
Strontium	86-1	25.12	23.84	26.17	25.04	4.65	ppb
Strontium	88-1	24.93	24.49	25.66	25.03	2.36	ppb
Sulfur	34-1	-3425.25	-3520.20	-3697.89	-3547.78		ppb
Terbium	159-1				120		%
Terbium	159-2				110		%
Thallium	203-1	0.89	0.91	0.96	0.92	3.81	ppb
Thallium	205-1	0.87	0.87	0.91	0.88	2.40	ppb
Tin	118-1	4.24	3.93	4.20	4.13	4.08	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-05	Instrumnet Name :	P8
Client Sample ID :	S-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:18:36	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	296.56	295.87	347.49	313.30	9.45	ppb
Uranium	238-1	3.70	3.71	3.78	3.73	1.22	ppb
Vanadium	51-2	65.93	72.25	65.77	67.99	5.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				118		%
Zinc	66-2	191.30	209.57	192.68	197.85	5.14	ppb
Zirconium	90-1	22.60	19.43	19.96	20.66	8.23	ppb
Zirconium	91-1	21.39	18.98	20.25	20.21	5.96	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-01	Instrumnet Name :	P8
Client Sample ID :	B-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:21:33	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82332.46	82455.44	80648.99	81812.30	1.23	ppb
Antimony	121-1	0.21	0.19	0.28	0.23	19.97	ppb
Arsenic	75-2	14.38	13.87	13.95	14.07	1.96	ppb
Barium	135-1	476.01	464.94	561.22	500.72	10.52	ppb
Barium	137-1	501.01	489.97	584.45	525.14	9.84	ppb
Beryllium	9-1	2.82	2.89	3.41	3.04	10.67	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Boron	10-1	21.47	22.22	26.95	23.55	12.63	ppb
Boron	11-1	22.92	23.88	30.04	25.61	15.08	ppb
Bromine	81-1						cps
Cadmium	111-1	0.78	0.71	0.94	0.81	14.82	ppb
Cadmium	106-1	-3.31	-2.32	-2.13	-2.59		ppb
Cadmium	108-1	4.32	4.55	5.45	4.77	12.57	ppb
Calcium	43-1	12643.50	12391.08	15422.24	13485.61	12.47	ppb
Calcium	44-1	12848.51	12755.79	15623.61	13742.64	11.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.56	91.20	90.56	90.77	0.41	ppb
Cobalt	59-2	36.68	36.85	36.71	36.74	0.25	ppb
Copper	63-2	100.80	99.95	99.37	100.04	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				120		%
Holmium	165-2				116		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	54-2	93530.64	93155.80	93222.34	93302.92	0.21	ppb
Iron	56-2	93432.47	94863.06	93499.81	93931.78	0.86	ppb
Iron	57-2	95062.29	93129.30	92038.13	93409.91	1.64	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-01	Instrumnet Name :	P8
Client Sample ID :	B-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:21:33	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	188.14	189.09	217.88	198.37	8.52	ppb
Lead	207-1	174.42	177.01	206.39	185.94	9.55	ppb
Lead	208-1	186.35	187.38	221.85	198.53	10.18	ppb
Lithium	6-1				122		%
Magnesium	24-2	16558.07	16385.72	16456.83	16466.87	0.53	ppb
Manganese	55-2	1459.56	1471.20	1464.14	1464.97	0.40	ppb
Molybdenum	94-1	64.26	68.95	79.08	70.77	10.70	ppb
Molybdenum	95-1	1.13	1.15	1.34	1.21	9.74	ppb
Molybdenum	96-1	9.54	10.12	12.17	10.61	13.01	ppb
Molybdenum	97-1	1.18	1.14	1.33	1.21	8.06	ppb
Molybdenum	98-1	1.07	1.15	1.38	1.20	13.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.62	82.20	81.68	81.50	0.99	ppb
Phosphorus	31-2	1410.12	1454.63	1463.02	1442.59	1.97	ppb
Potassium	39-2	5413.97	5114.92	5060.77	5196.55	3.66	ppb
Rhodium	103-1				117		%
Rhodium	103-2				110		%
Scandium	45-1				126		%
Scandium	45-2				120		%
Selenium	82-1	1.97	2.59	1.94	2.17	17.01	ppb
Selenium	77-2	81.20	69.05	64.55	71.60	12.03	ppb
Selenium	78-2	12.93	11.50	11.68	12.04	6.47	ppb
Silicon	28-1	5364.11	3446.65	6471.83	5094.20	30.04	ppb
Silver	107-1	0.26	0.24	0.31	0.27	13.31	ppb
Silver	109-1	0.23	0.23	0.27	0.24	9.74	ppb
Sodium	23-2	2431.96	2374.35	2329.10	2378.47	2.17	ppb
Strontium	86-1	107.32	110.23	129.42	115.65	10.38	ppb
Strontium	88-1	108.84	109.26	126.62	114.91	8.83	ppb
Sulfur	34-1	-3926.68	-4177.19	-2618.30	-3574.06		ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	1.21	1.12	1.42	1.25	12.29	ppb
Thallium	205-1	1.18	1.12	1.41	1.23	12.30	ppb
Tin	118-1	2.86	3.74	3.94	3.52	16.41	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-01	Instrumnet Name :	P8
Client Sample ID :	B-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:21:33	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	372.25	338.08	369.96	360.09	5.30	ppb
Uranium	238-1	4.36	4.37	5.21	4.65	10.55	ppb
Vanadium	51-2	115.03	114.56	115.19	114.93	0.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				121		%
Zinc	66-2	342.35	350.67	342.60	345.21	1.37	ppb
Zirconium	90-1	42.96	43.65	50.98	45.86	9.70	ppb
Zirconium	91-1	41.67	43.36	53.94	46.32	14.35	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-02	Instrumnet Name :	P8
Client Sample ID :	B-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:24:27	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134299.52	146304.38	140676.88	140426.93	4.28	ppb
Antimony	121-1	0.50	0.52	0.51	0.51	2.45	ppb
Arsenic	75-2	48.84	53.16	50.12	50.71	4.38	ppb
Barium	135-1	33072.99	34422.26	32832.52	33442.59	2.56	ppb
Barium	137-1	33526.94	34017.03	33117.08	33553.68	1.34	ppb
Beryllium	9-1	5.53	6.20	6.08	5.94	5.99	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Boron	10-1	109.87	124.13	129.52	121.17	8.38	ppb
Boron	11-1	116.50	137.17	139.56	131.07	9.67	ppb
Bromine	81-1						cps
Cadmium	111-1	49.38	51.01	48.95	49.78	2.18	ppb
Cadmium	106-1	48.12	51.41	46.60	48.71	5.05	ppb
Cadmium	108-1	53.15	53.17	54.42	53.58	1.36	ppb
Calcium	43-1	50134.39	49907.86	51667.17	50569.81	1.89	ppb
Calcium	44-1	49320.78	49059.86	49345.62	49242.09	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213.65	237.09	222.83	224.52	5.26	ppb
Cobalt	59-2	82.36	91.15	85.35	86.29	5.18	ppb
Copper	63-2	440.25	499.80	467.34	469.13	6.35	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				122		%
Holmium	165-2				113		%
Indium	115-1				120		%
Indium	115-2				107		%
Iron	54-2	163752.86	182374.66	172061.00	172729.51	5.40	ppb
Iron	56-2	167161.78	183075.20	174496.42	174911.13	4.55	ppb
Iron	57-2	161266.92	183977.44	170316.04	171853.47	6.65	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-02	Instrumnet Name :	P8
Client Sample ID :	B-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:24:27	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1206.73	1165.37	1153.46	1175.19	2.38	ppb
Lead	207-1	1116.38	1124.21	1112.31	1117.63	0.54	ppb
Lead	208-1	1129.84	1136.60	1130.70	1132.38	0.32	ppb
Lithium	6-1				122		%
Magnesium	24-2	23451.09	25065.48	24005.77	24174.11	3.39	ppb
Manganese	55-2	1988.42	2231.14	2095.31	2104.96	5.78	ppb
Molybdenum	94-1	113.77	116.94	122.03	117.58	3.54	ppb
Molybdenum	95-1	3.77	3.94	4.01	3.90	3.21	ppb
Molybdenum	96-1	18.15	18.99	19.32	18.82	3.21	ppb
Molybdenum	97-1	3.70	3.88	3.97	3.85	3.65	ppb
Molybdenum	98-1	3.65	3.88	3.83	3.79	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	215.39	237.56	225.27	226.07	4.91	ppb
Phosphorus	31-2	3377.29	3650.26	3502.73	3510.09	3.89	ppb
Potassium	39-2	6453.17	7146.35	6797.30	6798.94	5.10	ppb
Rhodium	103-1				116		%
Rhodium	103-2				104		%
Scandium	45-1				133		%
Scandium	45-2				120		%
Selenium	82-1	7.35	7.83	7.71	7.63	3.28	ppb
Selenium	77-2	91.82	85.01	88.29	88.38	3.85	ppb
Selenium	78-2	16.63	20.52	20.01	19.05	11.11	ppb
Silicon	28-1	2155.28	2268.53	2177.13	2200.32	2.73	ppb
Silver	107-1	1.24	1.28	1.22	1.25	2.28	ppb
Silver	109-1	1.23	1.21	1.31	1.25	4.38	ppb
Sodium	23-2	5253.31	5658.17	5411.74	5441.07	3.75	ppb
Strontium	86-1	516.76	538.20	544.57	533.17	2.73	ppb
Strontium	88-1	509.38	518.60	528.75	518.91	1.87	ppb
Sulfur	34-1	5471.92	5836.19	6229.21	5845.77	6.48	ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.89	0.92	0.87	0.89	2.70	ppb
Thallium	205-1	0.95	0.89	0.89	0.91	4.20	ppb
Tin	118-1	15.08	15.03	15.36	15.16	1.15	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-02	Instrumnet Name :	P8
Client Sample ID :	B-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:24:27	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2422.16	2296.15	2306.26	2341.53	2.99	ppb
Uranium	238-1	5.83	5.76	5.78	5.79	0.56	ppb
Vanadium	51-2	580.15	637.89	602.48	606.84	4.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				133		%
Yttrium	89-2				120		%
Zinc	66-2	3870.92	4355.72	4071.65	4099.43	5.94	ppb
Zirconium	90-1	76.83	76.05	77.57	76.81	0.99	ppb
Zirconium	91-1	72.80	73.39	76.57	74.25	2.73	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-03	Instrumnet Name :	P8
Client Sample ID :	B-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:27:22	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	108030.73	104543.15	107828.44	106800.77	1.83	ppb
Antimony	121-1	0.08	0.08	0.10	0.09	14.21	ppb
Arsenic	75-2	10.42	9.99	9.85	10.09	2.97	ppb
Barium	135-1	537.86	542.96	571.98	550.93	3.34	ppb
Barium	137-1	578.27	549.32	565.33	564.31	2.57	ppb
Beryllium	9-1	6.28	6.11	6.25	6.21	1.46	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	49.28	48.54	50.47	49.43	1.97	ppb
Boron	11-1	51.64	53.04	53.76	52.81	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	1.73	1.75	1.80	1.76	2.09	ppb
Cadmium	106-1	-0.78	0.08	0.22	-0.16		ppb
Cadmium	108-1	6.36	6.20	5.77	6.11	4.99	ppb
Calcium	43-1	13089.93	13032.36	12842.72	12988.33	1.00	ppb
Calcium	44-1	13101.34	12828.73	13088.01	13006.03	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.28	119.67	120.30	121.08	1.59	ppb
Cobalt	59-2	86.87	84.48	86.90	86.08	1.61	ppb
Copper	63-2	152.44	148.35	150.38	150.39	1.36	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				120		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				109		%
Iron	54-2	126300.35	121017.75	123108.55	123475.55	2.15	ppb
Iron	56-2	123551.62	122547.04	125566.83	123888.49	1.24	ppb
Iron	57-2	124143.46	121574.14	123745.85	123154.48	1.12	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-03	Instrumnet Name :	P8
Client Sample ID :	B-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:27:22	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	60.37	58.84	59.39	59.53	1.30	ppb
Lead	207-1	55.91	53.96	54.88	54.91	1.78	ppb
Lead	208-1	58.29	55.77	57.31	57.12	2.22	ppb
Lithium	6-1				126		%
Magnesium	24-2	55444.20	54210.38	55445.22	55033.26	1.29	ppb
Manganese	55-2	2329.24	2282.60	2324.91	2312.25	1.11	ppb
Molybdenum	94-1	69.13	69.09	66.30	68.17	2.38	ppb
Molybdenum	95-1	0.82	0.75	0.74	0.77	5.83	ppb
Molybdenum	96-1	9.75	9.80	9.60	9.72	1.05	ppb
Molybdenum	97-1	0.75	0.67	0.66	0.69	6.93	ppb
Molybdenum	98-1	0.72	0.76	0.72	0.73	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	235.05	227.23	232.87	231.72	1.74	ppb
Phosphorus	31-2	2592.51	2473.52	2675.08	2580.37	3.93	ppb
Potassium	39-2	17141.78	17098.39	17239.04	17159.73	0.42	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				128		%
Scandium	45-2				119		%
Selenium	82-1	2.19	2.09	2.01	2.09	4.36	ppb
Selenium	77-2	111.62	122.88	120.37	118.29	5.00	ppb
Selenium	78-2	20.42	19.53	20.56	20.17	2.77	ppb
Silicon	28-1	3067.54	3986.88	2903.37	3319.26	17.59	ppb
Silver	107-1	0.15	0.11	0.13	0.13	12.38	ppb
Silver	109-1	0.09	0.10	0.09	0.09	1.44	ppb
Sodium	23-2	5681.15	5563.48	5646.84	5630.49	1.07	ppb
Strontium	86-1	83.12	81.09	81.64	81.95	1.28	ppb
Strontium	88-1	84.26	84.19	85.21	84.55	0.67	ppb
Sulfur	34-1	-4763.77	-4597.81	-4672.15	-4677.91		ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	1.42	1.35	1.36	1.37	2.64	ppb
Thallium	205-1	1.50	1.42	1.46	1.46	2.44	ppb
Tin	118-1	2.86	4.62	3.16	3.54	26.58	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-03	Instrumnet Name :	P8
Client Sample ID :	B-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:27:22	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1314.80	1306.38	1361.35	1327.51	2.23	ppb
Uranium	238-1	5.15	5.08	5.08	5.10	0.82	ppb
Vanadium	51-2	137.30	134.90	136.26	136.15	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				133		%
Yttrium	89-2				126		%
Zinc	66-2	795.18	764.11	776.54	778.61	2.01	ppb
Zirconium	90-1	44.15	44.81	43.73	44.23	1.23	ppb
Zirconium	91-1	45.33	44.04	43.39	44.25	2.23	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-04	Instrumnet Name :	P8
Client Sample ID :	B-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:30:15	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134587.34	133619.95	136918.89	135042.06	1.26	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	1.99	ppb
Arsenic	75-2	12.29	12.54	12.45	12.43	1.01	ppb
Barium	135-1	525.38	489.11	516.06	510.18	3.69	ppb
Barium	137-1	543.66	518.09	534.21	531.99	2.43	ppb
Beryllium	9-1	6.06	5.57	5.88	5.83	4.20	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Boron	10-1	52.94	51.51	55.49	53.31	3.78	ppb
Boron	11-1	55.83	54.44	59.02	56.43	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	1.01	1.20	1.08	9.46	ppb
Cadmium	106-1	2.38	2.45	3.35	2.73	19.89	ppb
Cadmium	108-1	6.67	5.65	6.61	6.31	9.04	ppb
Calcium	43-1	17015.07	16230.48	16842.16	16695.90	2.47	ppb
Calcium	44-1	16570.35	16536.10	16961.18	16689.21	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.60	145.92	147.55	147.03	0.65	ppb
Cobalt	59-2	93.06	93.20	93.28	93.18	0.12	ppb
Copper	63-2	246.49	243.15	247.51	245.71	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				122		%
Holmium	165-2				115		%
Indium	115-1				117		%
Indium	115-2				107		%
Iron	54-2	151023.06	150128.75	154397.70	151849.84	1.48	ppb
Iron	56-2	151381.38	150932.99	149601.80	150638.72	0.61	ppb
Iron	57-2	150545.60	149380.41	153676.19	151200.73	1.47	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-04	Instrumnet Name :	P8
Client Sample ID :	B-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:30:15	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	105.03	99.48	106.96	103.82	3.74	ppb
Lead	207-1	98.49	94.98	99.77	97.75	2.54	ppb
Lead	208-1	101.09	97.08	101.93	100.04	2.59	ppb
Lithium	6-1				131		%
Magnesium	24-2	60508.56	60843.68	61644.87	60999.04	0.96	ppb
Manganese	55-2	2074.27	2051.27	2111.02	2078.86	1.45	ppb
Molybdenum	94-1	87.58	82.80	86.78	85.72	2.99	ppb
Molybdenum	95-1	1.48	1.46	1.59	1.51	4.69	ppb
Molybdenum	96-1	13.17	12.73	13.23	13.05	2.11	ppb
Molybdenum	97-1	1.68	1.48	1.57	1.57	6.36	ppb
Molybdenum	98-1	1.53	1.47	1.46	1.49	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	203.42	203.14	203.88	203.48	0.18	ppb
Phosphorus	31-2	3186.32	3136.73	2987.57	3103.54	3.33	ppb
Potassium	39-2	17992.91	17700.59	18339.25	18010.92	1.78	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				134		%
Scandium	45-2				122		%
Selenium	82-1	3.22	2.74	2.81	2.92	8.90	ppb
Selenium	77-2	154.20	143.16	151.33	149.56	3.83	ppb
Selenium	78-2	24.59	25.60	26.64	25.61	4.01	ppb
Silicon	28-1	2571.02	1671.77	1857.10	2033.30	23.35	ppb
Silver	107-1	1.20	1.20	1.28	1.23	3.90	ppb
Silver	109-1	1.16	1.18	1.20	1.18	1.86	ppb
Sodium	23-2	6497.43	6393.60	6632.75	6507.93	1.84	ppb
Strontium	86-1	69.34	67.42	69.55	68.77	1.70	ppb
Strontium	88-1	70.98	69.71	70.55	70.41	0.92	ppb
Sulfur	34-1	-4314.18	-4408.27	-4176.65	-4299.70		ppb
Terbium	159-1				120		%
Terbium	159-2				113		%
Thallium	203-1	1.37	1.38	1.42	1.39	1.75	ppb
Thallium	205-1	1.48	1.39	1.50	1.45	4.03	ppb
Tin	118-1	2.76	3.41	2.91	3.03	11.20	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-04	Instrumnet Name :	P8
Client Sample ID :	B-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:30:15	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1896.67	1846.18	2046.63	1929.83	5.40	ppb
Uranium	238-1	6.38	6.06	6.53	6.32	3.75	ppb
Vanadium	51-2	179.87	178.50	178.39	178.92	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				143		%
Yttrium	89-2				129		%
Zinc	66-2	516.36	526.04	516.54	519.65	1.07	ppb
Zirconium	90-1	57.94	56.82	59.61	58.12	2.41	ppb
Zirconium	91-1	56.32	53.51	56.48	55.43	3.02	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-05	Instrumnet Name :	P8
Client Sample ID :	B-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:33:11	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46834.59	46329.12	46274.94	46479.55	0.66	ppb
Antimony	121-1	0.80	0.82	0.99	0.87	12.28	ppb
Arsenic	75-2	60.14	58.38	59.95	59.49	1.63	ppb
Barium	135-1	4020.02	3962.23	3971.81	3984.69	0.78	ppb
Barium	137-1	3989.98	3983.52	3991.79	3988.43	0.11	ppb
Beryllium	9-1	4.97	4.98	5.23	5.06	2.94	ppb
Bismuth	209-1				114		%
Bismuth	209-2				113		%
Boron	10-1	27.30	29.75	31.44	29.50	7.05	ppb
Boron	11-1	29.16	30.70	32.98	30.95	6.21	ppb
Bromine	81-1						cps
Cadmium	111-1	5.26	5.08	5.00	5.11	2.61	ppb
Cadmium	106-1	4.17	3.60	3.82	3.86	7.48	ppb
Cadmium	108-1	6.97	8.15	8.06	7.73	8.54	ppb
Calcium	43-1	26136.16	26118.33	25977.19	26077.23	0.33	ppb
Calcium	44-1	26434.93	26181.79	26226.50	26281.07	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146.40	146.24	148.03	146.89	0.67	ppb
Cobalt	59-2	64.58	62.96	64.05	63.86	1.29	ppb
Copper	63-2	598.29	584.99	584.29	589.19	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				115		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	54-2	106893.99	105910.55	107057.02	106620.52	0.58	ppb
Iron	56-2	107355.79	105391.75	107273.84	106673.80	1.04	ppb
Iron	57-2	107475.77	107958.58	105255.78	106896.71	1.35	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-05	Instrumnet Name :	P8
Client Sample ID :	B-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:33:11	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	491.85	489.02	505.19	495.36	1.74	ppb
Lead	207-1	456.35	455.19	472.15	461.23	2.05	ppb
Lead	208-1	469.90	464.23	475.47	469.87	1.20	ppb
Lithium	6-1				119		%
Magnesium	24-2	15618.57	15459.68	15431.36	15503.20	0.65	ppb
Manganese	55-2	1397.61	1347.76	1417.92	1387.77	2.60	ppb
Molybdenum	94-1	56.91	57.32	59.26	57.83	2.17	ppb
Molybdenum	95-1	7.95	7.89	8.24	8.03	2.30	ppb
Molybdenum	96-1	14.79	14.52	14.53	14.61	1.02	ppb
Molybdenum	97-1	7.86	7.90	7.99	7.92	0.84	ppb
Molybdenum	98-1	7.91	7.90	8.05	7.95	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.63	120.84	122.01	121.49	0.49	ppb
Phosphorus	31-2	5011.86	4996.80	4801.17	4936.61	2.38	ppb
Potassium	39-2	8853.65	8720.27	8890.24	8821.39	1.01	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				125		%
Scandium	45-2				117		%
Selenium	82-1	8.62	8.16	8.36	8.38	2.73	ppb
Selenium	77-2	136.02	131.77	129.53	132.44	2.49	ppb
Selenium	78-2	28.20	27.37	28.79	28.12	2.53	ppb
Silicon	28-1	2495.17	5547.01	3576.08	3872.76	39.96	ppb
Silver	107-1	4.37	4.49	4.51	4.45	1.74	ppb
Silver	109-1	4.48	4.73	4.60	4.60	2.66	ppb
Sodium	23-2	1838.57	1838.45	1756.87	1811.30	2.60	ppb
Strontium	86-1	139.11	135.36	139.55	138.01	1.67	ppb
Strontium	88-1	137.93	141.56	138.31	139.27	1.43	ppb
Sulfur	34-1	1684.99	1808.41	1893.13	1795.51	5.83	ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	1.60	1.66	1.66	1.64	2.06	ppb
Thallium	205-1	1.68	1.65	1.70	1.68	1.44	ppb
Tin	118-1	15.49	16.47	14.88	15.61	5.13	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-05	Instrumnet Name :	P8
Client Sample ID :	B-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:33:11	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2285.28	2341.32	2258.48	2295.03	1.84	ppb
Uranium	238-1	8.58	8.81	8.69	8.69	1.29	ppb
Vanadium	51-2	200.52	199.43	199.78	199.91	0.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				148		%
Yttrium	89-2				139		%
Zinc	66-2	610.87	602.27	601.61	604.92	0.85	ppb
Zirconium	90-1	33.71	34.69	33.91	34.11	1.52	ppb
Zirconium	91-1	33.57	36.30	33.03	34.30	5.12	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:40:35	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50550.56	50877.58	49484.47	50304.20	1.45	ppb
Antimony	121-1	496.45	485.61	472.19	484.75	2.51	ppb
Arsenic	75-2	454.59	473.90	460.13	462.87	2.15	ppb
Barium	135-1	2580.80	2468.93	2370.02	2473.25	4.26	ppb
Barium	137-1	2558.78	2483.67	2429.49	2490.64	2.61	ppb
Beryllium	9-1	481.63	489.12	497.12	489.29	1.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	433.31	464.48	475.58	457.79	4.79	ppb
Boron	11-1	460.40	496.02	509.83	488.75	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	474.64	477.37	464.57	472.19	1.43	ppb
Cadmium	106-1	480.48	472.02	464.81	472.44	1.66	ppb
Cadmium	108-1	484.61	488.47	486.44	486.51	0.40	ppb
Calcium	43-1	245507.00	241720.06	245871.96	244366.34	0.94	ppb
Calcium	44-1	241554.99	238501.46	238619.96	239558.80	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.20	486.11	494.05	488.12	1.07	ppb
Cobalt	59-2	472.42	474.19	477.88	474.83	0.59	ppb
Copper	63-2	4641.07	4579.35	4749.54	4656.65	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				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	122598.52	122585.66	123886.26	123023.48	0.61	ppb
Iron	56-2	123807.94	124444.67	123041.69	123764.77	0.57	ppb
Iron	57-2	122194.72	123951.18	124881.58	123675.83	1.10	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:40:35	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2393.60	2611.18	2457.10	2487.30	4.50	ppb
Lead	207-1	2368.01	2544.68	2434.65	2449.11	3.64	ppb
Lead	208-1	2377.04	2544.23	2451.72	2457.67	3.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	250712.07	254240.93	245831.83	250261.61	1.69	ppb
Manganese	55-2	4840.34	4726.45	4730.93	4765.91	1.35	ppb
Molybdenum	94-1	2399.00	2399.74	2410.19	2402.98	0.26	ppb
Molybdenum	95-1	2392.50	2437.63	2396.20	2408.78	1.04	ppb
Molybdenum	96-1	2408.94	2410.77	2456.25	2425.32	1.11	ppb
Molybdenum	97-1	2391.13	2382.10	2441.23	2404.82	1.32	ppb
Molybdenum	98-1	2407.18	2424.57	2457.60	2429.78	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	449.33	447.55	443.59	446.82	0.66	ppb
Phosphorus	31-2	9720.10	9221.94	9570.52	9504.19	2.69	ppb
Potassium	39-2	119448.18	121397.94	121293.15	120713.09	0.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	466.77	472.73	483.45	474.32	1.78	ppb
Selenium	77-2	426.33	442.98	451.29	440.20	2.89	ppb
Selenium	78-2	451.22	475.86	458.19	461.76	2.75	ppb
Silicon	28-1	485.04	500.72	509.72	498.50	2.51	ppb
Silver	107-1	472.61	471.91	465.76	470.09	0.80	ppb
Silver	109-1	501.31	486.85	484.03	490.73	1.89	ppb
Sodium	23-2	251769.76	252578.87	253919.92	252756.18	0.43	ppb
Strontium	86-1	4837.41	4859.86	4935.91	4877.73	1.06	ppb
Strontium	88-1	4711.83	4758.06	4909.09	4792.99	2.15	ppb
Sulfur	34-1	9749.94	9595.72	9499.51	9615.06	1.31	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	469.88	516.82	514.24	500.31	5.27	ppb
Thallium	205-1	474.42	517.86	493.85	495.37	4.39	ppb
Tin	118-1	485.80	493.11	493.57	490.83	0.89	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:40:35	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2419.41	2486.83	2518.47	2474.91	2.04	ppb
Uranium	238-1	481.59	516.43	503.41	500.48	3.52	ppb
Vanadium	51-2	490.99	502.21	491.02	494.74	1.31	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	4659.55	4636.02	4720.39	4671.99	0.93	ppb
Zirconium	90-1	472.38	484.57	491.16	482.70	1.97	ppb
Zirconium	91-1	484.75	493.08	490.96	489.60	0.88	ppb

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCB93 Instrumnet Name : P8
 Client Sample ID : CCB93 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 18:46:58 DataFile Name : 091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	-0.02	-0.06	0.10	241.85	ppb
Antimony	121-1	0.08	0.11	0.10	0.10	11.81	ppb
Arsenic	75-2	-0.03	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.02	0.03	0.01	0.02	63.65	ppb
Barium	137-1	0.03	0.04	0.01	0.03	50.60	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	18.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	13.44	12.74	11.80	12.66	6.49	ppb
Boron	11-1	14.29	13.05	13.51	13.62	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.11	-0.16	-0.13		ppb
Cadmium	106-1	-10.76	-10.02	-13.10	-11.29		ppb
Cadmium	108-1	-0.08	-0.06	0.01	-0.04		ppb
Calcium	43-1	-5.34	-4.74	-5.63	-5.23		ppb
Calcium	44-1	-15.36	-18.64	-17.03	-17.01		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	0.01	237.81	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1277.42	ppb
Copper	63-2	-0.02	0.02	0.02	0.01	306.43	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				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	0.39	-0.39	1.14	0.38	201.84	ppb
Iron	56-2	0.17	0.20	0.15	0.17	11.98	ppb
Iron	57-2	-1.46	-0.74	-0.71	-0.97		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:46:58	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.04	-0.03	-0.03		ppb
Lead	207-1	-0.02	-0.04	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.03	-0.03		ppb
Lithium	6-1				107		%
Magnesium	24-2	0.25	0.16	0.53	0.31	61.15	ppb
Manganese	55-2	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.03	0.04	0.03	0.04	21.85	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	33.22	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	33.24	ppb
Molybdenum	97-1	0.04	0.04	0.02	0.03	29.47	ppb
Molybdenum	98-1	0.07	0.04	0.04	0.05	32.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-8.26	-10.08	1.19	-5.72		ppb
Potassium	39-2	-7.01	-4.90	-2.08	-4.67		ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	0.18	-0.08	-0.75	-0.22		ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	-0.45	0.10	0.08	-0.09		ppb
Silicon	28-1	-10.28	-13.52	-11.57	-11.79		ppb
Silver	107-1	0.03	0.03	0.02	0.03	18.70	ppb
Silver	109-1	0.04	0.03	0.03	0.03	16.09	ppb
Sodium	23-2	-1.92	-1.94	0.08	-1.26		ppb
Strontium	86-1	0.11	-0.01	0.04	0.05	125.45	ppb
Strontium	88-1	0.03	0.01	0.02	0.02	32.60	ppb
Sulfur	34-1	-1363.24	-1674.94	-1464.89	-1501.02		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.03	0.02	70.47	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	46.46	ppb
Tin	118-1	-0.14	-0.16	-0.14	-0.15		ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:46:58	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.01	-0.06	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.73	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				105		%
Yttrium	89-2				102		%
Zinc	66-2	-0.33	-0.33	-0.25	-0.31		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	571.94	ppb

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 10:55:58	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204	195	207	202	3.17	cps
Antimony	121-1	75	67	83	75	11.11	cps
Arsenic	75-2	14	18	13	15	17.64	cps
Barium	135-1	42	17	67	42	60.00	cps
Barium	137-1	83	92	25	67	54.49	cps
Beryllium	9-1	44	30	38	37	18.82	cps
Bismuth	209-1	6505013	6387081	5724734	6205609	6.78	cps
Bismuth	209-2	3862998	3737417	3922586	3841000	2.46	cps
Boron	10-1	664	588	642	631	6.19	cps
Boron	11-1	3146	3214	3084	3148	2.07	cps
Bromine	81-1	21809	23133	21880	22274	3.34	cps
Cadmium	111-1	907	877	793	859	6.89	cps
Cadmium	106-1	8970	8645	7777	8464	7.28	cps
Cadmium	108-1	63	42	79	61	30.74	cps
Calcium	43-1	585	596	645	609	5.24	cps
Calcium	44-1	57975	57669	57494	57713	0.42	cps
Carbon	12-1	5294236	5283393	5385787	5321139	1.06	cps
Carbon	12-2	62676	60919	60911	61502	1.65	cps
Chlorine	35-1	1299784	1263656	1243700	1269047	2.24	cps
Chlorine	35-2	10120	9587	9495	9734	3.47	cps
Chromium	52-2	1050	970	1043	1021	4.35	cps
Cobalt	59-2	70	90	117	92	25.39	cps
Copper	63-2	1010	1123	1187	1107	8.09	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	83	92	17	64	64.34	cps
Erbium	164-2	37	33	47	39	17.85	cps
Gadolinium	160-1	142	175	108	142	23.53	cps
Gadolinium	160-2	93	90	113	99	12.76	cps
Holmium	165-1	11150810	11175501	10038935	10788415	6.02	cps
Holmium	165-2	5572201	5647325	5693615	5637713	1.09	cps
Indium	115-1	10222932	10204278	9196561	9874591	5.95	cps
Indium	115-2	1876756	1873188	1893276	1881073	0.57	cps
Iron	54-2	922	1050	872	948	9.67	cps
Iron	56-2	8069	7719	7769	7852	2.41	cps
Iron	57-2	356	306	272	311	13.48	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 10:55:58	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	973	920	973	5.48	cps
Lead	206-1	1945	1972	2000	1972	1.41	cps
Lead	207-1	1600	1622	1795	1672	6.36	cps
Lead	208-1	7979	7334	7851	7721	4.42	cps
Lithium	6-1	3447673	3396298	3143172	3329048	4.90	cps
Magnesium	24-2	675	592	692	653	8.21	cps
Manganese	55-2	179	198	111	163	28.13	cps
Molybdenum	94-1	467	383	250	367	29.81	cps
Molybdenum	95-1	100	108	83	97	13.09	cps
Molybdenum	96-1	300	275	267	281	6.18	cps
Molybdenum	97-1	83	58	83	75	19.25	cps
Molybdenum	98-1	175	233	117	175	33.33	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	150	103	143	132	19.09	cps
Phosphorus	31-2	158	175	208	181	14.10	cps
Potassium	39-2	26341	25198	24355	25298	3.94	cps
Rhodium	103-1	10180459	10157986	9051145	9796530	6.59	cps
Rhodium	103-2	5136776	5055528	5197808	5130037	1.39	cps
Scandium	45-1	7966298	7536064	7028976	7510446	6.25	cps
Scandium	45-2	285767	284431	286309	285503	0.34	cps
Selenium	82-1	-42	-8	63	4	1268.39	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	92	89	75	85	10.63	cps
Silicon	28-1	562622	564997	567766	565128	0.46	cps
Silver	107-1	258	250	175	228	20.15	cps
Silver	109-1	242	125	117	161	43.38	cps
Sodium	23-2	33380	32445	33439	33088	1.69	cps
Strontium	86-1	1608	1592	1517	1572	3.11	cps
Strontium	88-1	850	775	792	806	4.89	cps
Sulfur	34-1	464989	465650	467949	466196	0.33	cps
Terbium	159-1	11880356	11897310	10514365	11430677	6.94	cps
Terbium	159-2	5730341	5617473	5640448	5662754	1.05	cps
Thallium	203-1	650	675	533	619	12.21	cps
Thallium	205-1	1450	1608	1300	1453	10.61	cps
Tin	118-1	2892	2567	2617	2692	6.50	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 10:55:58	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	442	300	342	25.47	cps
Uranium	238-1	42	8	25	25	66.68	cps
Vanadium	51-2	27	27	33	29	13.31	cps
Ytterbium	172-1	17	17	42	25	57.73	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	2017	2017	1784	1939	6.95	cps
Ytterbium	176-2	4379	4623	4429	4477	2.89	cps
Yttrium	89-1	25548729	25029348	23346720	24641599	4.67	cps
Yttrium	89-2	3250552	3254564	3257727	3254281	0.11	cps
Zinc	66-2	770	777	667	738	8.36	cps
Zirconium	90-1	983	1167	983	1045	10.13	cps
Zirconium	91-1	158	200	225	194	17.32	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:02:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2042	2027	2047	2039	0.51	cps
Antimony	121-1	17086	17537	17186	17270	1.37	cps
Arsenic	75-2	341	327	332	333	2.13	cps
Barium	135-1	22102	22419	22152	22224	0.77	cps
Barium	137-1	40311	39801	38531	39547	2.32	cps
Beryllium	9-1	2420	2358	2404	2394	1.34	cps
Bismuth	209-1	6309919	6824353	6655448	6596573	3.98	cps
Bismuth	209-2	3950379	3989407	3792885	3910890	2.66	cps
Boron	10-1	5924	6084	6436	6148	4.26	cps
Boron	11-1	27254	29354	30297	28968	5.38	cps
Bromine	81-1	22542	21850	22090	22160	1.59	cps
Cadmium	111-1	3060	2930	3146	3045	3.56	cps
Cadmium	106-1	8136	8603	8970	8570	4.88	cps
Cadmium	108-1	279	233	175	229	22.78	cps
Calcium	43-1	17554	17569	17408	17510	0.51	cps
Calcium	44-1	334066	330964	332006	332346	0.47	cps
Carbon	12-1	5295944	5380663	5525485	5400697	2.15	cps
Carbon	12-2	63939	63463	65372	64258	1.55	cps
Chlorine	35-1	1162836	1128264	1119769	1136956	2.01	cps
Chlorine	35-2	8653	8594	9045	8764	2.79	cps
Chromium	52-2	8089	7862	8002	7985	1.43	cps
Cobalt	59-2	6191	6205	6368	6255	1.57	cps
Copper	63-2	9984	10140	9810	9978	1.66	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	92	42	69	36.66	cps
Erbium	164-2	37	13	23	24	47.91	cps
Gadolinium	160-1	117	192	117	142	30.56	cps
Gadolinium	160-2	93	47	60	67	36.05	cps
Holmium	165-1	11040041	11191761	11197513	11143105	0.80	cps
Holmium	165-2	5690290	5878608	5760279	5776392	1.65	cps
Indium	115-1	9951178	10674591	10372310	10332693	3.52	cps
Indium	115-2	1857900	1904530	1878547	1880325	1.24	cps
Iron	54-2	8736	8825	9225	8929	2.92	cps
Iron	56-2	148817	149329	146545	148230	1.00	cps
Iron	57-2	3739	3817	3762	3773	1.06	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:02:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	1020	997	999	2.01	cps
Lead	206-1	7947	8030	7719	7899	2.04	cps
Lead	207-1	6852	7013	6663	6843	2.56	cps
Lead	208-1	31371	32138	31939	31816	1.25	cps
Lithium	6-1	3462634	3899264	3549472	3637123	6.35	cps
Magnesium	24-2	126515	120782	120966	122755	2.65	cps
Manganese	55-2	1700	1846	1889	1812	5.49	cps
Molybdenum	94-1	22327	22402	22202	22310	0.45	cps
Molybdenum	95-1	26985	26668	26359	26671	1.17	cps
Molybdenum	96-1	30250	29991	29641	29961	1.02	cps
Molybdenum	97-1	17036	17536	17036	17203	1.68	cps
Molybdenum	98-1	42257	41688	43402	42449	2.06	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1870	1917	1813	1867	2.77	cps
Phosphorus	31-2	117	158	133	136	15.41	cps
Potassium	39-2	122920	126039	123686	124215	1.31	cps
Rhodium	103-1	10186449	10607052	10194511	10329337	2.33	cps
Rhodium	103-2	5008585	5179360	5057663	5081869	1.73	cps
Scandium	45-1	7482381	8048023	7963702	7831369	3.90	cps
Scandium	45-2	291527	289310	286779	289205	0.82	cps
Selenium	82-1	939	932	938	936	0.39	cps
Selenium	77-2	40	40	33	38	10.19	cps
Selenium	78-2	203	189	176	189	7.13	cps
Silicon	28-1	644579	644128	645861	644856	0.14	cps
Silver	107-1	12181	12039	11956	12058	0.94	cps
Silver	109-1	11413	11664	12056	11711	2.76	cps
Sodium	23-2	268828	270092	269315	269412	0.24	cps
Strontium	86-1	5643	5785	5460	5629	2.90	cps
Strontium	88-1	34251	33616	33984	33950	0.94	cps
Sulfur	34-1	479752	477710	477898	478453	0.24	cps
Terbium	159-1	11249963	12222806	11693610	11722126	4.15	cps
Terbium	159-2	5713078	5674062	5759082	5715407	0.74	cps
Thallium	203-1	7869	7869	8144	7961	2.00	cps
Thallium	205-1	18864	19164	17921	18650	3.48	cps
Tin	118-1	40177	42233	41037	41149	2.51	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:02:07	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8620	8286	9211	8706	5.38	cps
Uranium	238-1	21252	22187	22228	21889	2.52	cps
Vanadium	51-2	13957	13780	13823	13853	0.67	cps
Ytterbium	172-1	42	25	50	39	32.73	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	1992	2034	1984	2003	1.34	cps
Ytterbium	176-2	3773	4028	3901	3901	3.28	cps
Yttrium	89-1	25386906	26703770	26160493	26083723	2.54	cps
Yttrium	89-2	3260190	3272975	3156284	3229816	1.98	cps
Zinc	66-2	2007	2013	1987	2002	0.69	cps
Zirconium	90-1	19155	18838	19063	19019	0.86	cps
Zirconium	91-1	3867	3634	4017	3840	5.03	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:05:13 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89553	88715	88934	89067	0.49	cps
Antimony	121-1	453670	459705	458742	457372	0.71	cps
Arsenic	75-2	16107	16462	16133	16234	1.22	cps
Barium	135-1	576543	581680	582903	580375	0.58	cps
Barium	137-1	1025652	1019057	1011833	1018847	0.68	cps
Beryllium	9-1	117523	120062	118073	118553	1.13	cps
Bismuth	209-1	6578481	6311678	6352897	6414352	2.24	cps
Bismuth	209-2	3815691	3807866	3823536	3815698	0.21	cps
Boron	10-1	11428	11572	12435	11812	4.61	cps
Boron	11-1	54387	57894	60514	57599	5.34	cps
Bromine	81-1	22812	20737	21448	21666	4.87	cps
Cadmium	111-1	117708	116831	117601	117380	0.41	cps
Cadmium	106-1	21367	20032	21517	20972	3.90	cps
Cadmium	108-1	9541	9161	9524	9409	2.28	cps
Calcium	43-1	183819	183887	185572	184426	0.54	cps
Calcium	44-1	3105988	3125703	3136026	3122572	0.49	cps
Carbon	12-1	5948915	6014974	6051594	6005161	0.87	cps
Carbon	12-2	72999	71968	73517	72828	1.08	cps
Chlorine	35-1	1178187	1166542	1134941	1159890	1.93	cps
Chlorine	35-2	9170	8870	8895	8978	1.86	cps
Chromium	52-2	175651	181442	177187	178093	1.68	cps
Cobalt	59-2	311013	314294	310487	311931	0.66	cps
Copper	63-2	2471171	2517390	2425543	2471368	1.86	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	20	7	27	18	57.27	cps
Erbium	164-1	92	58	42	64	39.85	cps
Erbium	164-2	40	20	37	32	33.25	cps
Gadolinium	160-1	192	100	167	153	31.02	cps
Gadolinium	160-2	97	123	103	108	12.88	cps
Holmium	165-1	10882948	11172118	11103710	11052925	1.37	cps
Holmium	165-2	5560527	5565422	5847612	5657854	2.90	cps
Indium	115-1	10107673	10201949	10102192	10137271	0.55	cps
Indium	115-2	1811725	1809630	1897400	1839585	2.72	cps
Iron	54-2	399494	396073	393892	396487	0.71	cps
Iron	56-2	7328473	7416599	7288997	7344690	0.89	cps
Iron	57-2	178036	178832	180146	179005	0.60	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:05:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	993	1063	1001	5.87	cps
Lead	206-1	1501370	1551786	1565158	1539438	2.19	cps
Lead	207-1	1344158	1342425	1346662	1344415	0.16	cps
Lead	208-1	6408561	6420274	6361094	6396643	0.49	cps
Lithium	6-1	3510284	3538005	3641568	3563286	1.94	cps
Magnesium	24-2	1313646	1332799	1392605	1346350	3.06	cps
Manganese	55-2	915378	904641	905606	908542	0.65	cps
Molybdenum	94-1	1147383	1143415	1161811	1150870	0.84	cps
Molybdenum	95-1	1410991	1392686	1385594	1396424	0.94	cps
Molybdenum	96-1	1577031	1593312	1524375	1564906	2.30	cps
Molybdenum	97-1	844391	856431	843765	848196	0.84	cps
Molybdenum	98-1	2118296	2211894	2181891	2170694	2.20	cps
Neodymium	150-1	40	60	27	42	39.73	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	85743	85908	88081	86577	1.51	cps
Phosphorus	31-2	5293	5368	5159	5273	2.00	cps
Potassium	39-2	552782	554421	554872	554025	0.20	cps
Rhodium	103-1	9967505	9860377	9961497	9929793	0.61	cps
Rhodium	103-2	5017827	5045289	4993060	5018725	0.52	cps
Scandium	45-1	7760184	7823958	7910384	7831509	0.96	cps
Scandium	45-2	286344	281841	289189	285791	1.30	cps
Selenium	82-1	9322	9426	9360	9369	0.56	cps
Selenium	77-2	320	340	323	328	3.27	cps
Selenium	78-2	1222	1235	1142	1200	4.20	cps
Silicon	28-1	954794	951929	971040	959255	1.07	cps
Silver	107-1	639566	648608	650291	646155	0.89	cps
Silver	109-1	613113	618981	615423	615839	0.48	cps
Sodium	23-2	2573727	2554065	2626459	2584751	1.45	cps
Strontium	86-1	1791480	1832797	1767960	1797412	1.83	cps
Strontium	88-1	15240938	15532656	15358973	15377523	0.95	cps
Sulfur	34-1	539703	534516	530379	534866	0.87	cps
Terbium	159-1	11812214	11424307	11793791	11676771	1.87	cps
Terbium	159-2	5537088	5445554	5809321	5597321	3.38	cps
Thallium	203-1	383904	383529	379782	382405	0.60	cps
Thallium	205-1	900862	938125	930848	923278	2.14	cps
Tin	118-1	403151	414427	406436	408004	1.42	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:05:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	441000	437474	442362	440278	0.57	cps
Uranium	238-1	1145472	1148013	1159215	1150900	0.64	cps
Vanadium	51-2	140808	143023	140485	141439	0.98	cps
Ytterbium	172-1	42	42	17	33	43.30	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	3492	3526	3259	3426	4.24	cps
Ytterbium	176-2	4473	4351	4795	4540	5.06	cps
Yttrium	89-1	25429275	25169642	25308439	25302452	0.51	cps
Yttrium	89-2	3231259	3218674	3228595	3226176	0.21	cps
Zinc	66-2	278533	281961	274528	278341	1.34	cps
Zirconium	90-1	952061	944610	945376	947349	0.43	cps
Zirconium	91-1	214223	212626	215755	214201	0.73	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:08:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220929	222048	220552	221176	0.35	cps
Antimony	121-1	1165521	1144216	1156015	1155251	0.92	cps
Arsenic	75-2	40711	40649	40381	40581	0.43	cps
Barium	135-1	1442901	1409851	1447460	1433404	1.43	cps
Barium	137-1	2570039	2554930	2535512	2553494	0.68	cps
Beryllium	9-1	289147	290134	289940	289740	0.18	cps
Bismuth	209-1	6283436	6260021	6239128	6260862	0.35	cps
Bismuth	209-2	3731169	3706175	3716208	3717850	0.34	cps
Boron	10-1	27074	29412	30255	28913	5.70	cps
Boron	11-1	131296	140669	141851	137939	4.19	cps
Bromine	81-1	21850	21930	20707	21495	3.18	cps
Cadmium	111-1	295474	288489	289700	291221	1.28	cps
Cadmium	106-1	41338	40502	40719	40853	1.06	cps
Cadmium	108-1	23336	23491	22665	23164	1.90	cps
Calcium	43-1	457563	455868	461177	458203	0.59	cps
Calcium	44-1	7311348	7550199	7333771	7398439	1.78	cps
Carbon	12-1	6001162	6063625	6127877	6064221	1.04	cps
Carbon	12-2	73200	74867	74640	74236	1.22	cps
Chlorine	35-1	1094996	1083709	1084315	1087674	0.58	cps
Chlorine	35-2	8161	8236	8678	8358	3.34	cps
Chromium	52-2	441520	436388	440118	439342	0.60	cps
Cobalt	59-2	777764	775090	777379	776744	0.19	cps
Copper	63-2	6113543	6052763	5992087	6052798	1.00	cps
Dysprosium	156-1	83	92	92	89	5.41	cps
Dysprosium	156-2	30	37	30	32	11.95	cps
Erbium	164-1	117	117	67	100	28.87	cps
Erbium	164-2	27	27	40	31	24.74	cps
Gadolinium	160-1	133	117	100	117	14.29	cps
Gadolinium	160-2	93	87	93	91	4.22	cps
Holmium	165-1	11168663	10825754	10760240	10918219	2.01	cps
Holmium	165-2	5468926	5532616	5642541	5548028	1.58	cps
Indium	115-1	10037889	9812961	9780868	9877239	1.42	cps
Indium	115-2	1821803	1759311	1792463	1791193	1.75	cps
Iron	54-2	990714	987244	974944	984301	0.84	cps
Iron	56-2	18171259	18156067	18079962	18135763	0.27	cps
Iron	57-2	441927	440214	444146	442096	0.45	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:08:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1033	910	990	7.01	cps
Lead	206-1	4051911	3985858	4100536	4046102	1.42	cps
Lead	207-1	3522203	3465754	3642194	3543384	2.54	cps
Lead	208-1	16138122	16009838	16491288	16213083	1.54	cps
Lithium	6-1	3454444	3479349	3478514	3470769	0.41	cps
Magnesium	24-2	3238644	3210253	3301213	3250037	1.43	cps
Manganese	55-2	2344890	2350457	2345609	2346985	0.13	cps
Molybdenum	94-1	2851866	2879649	2811658	2847724	1.20	cps
Molybdenum	95-1	3448298	3491506	3453936	3464580	0.68	cps
Molybdenum	96-1	3776748	3861896	3814478	3817707	1.12	cps
Molybdenum	97-1	2086909	2116563	2143834	2115769	1.35	cps
Molybdenum	98-1	5300401	5451893	5531295	5427863	2.16	cps
Neodymium	150-1	80	53	100	78	30.10	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	210862	209900	205508	208757	1.37	cps
Phosphorus	31-2	12748	13365	11997	12703	5.39	cps
Potassium	39-2	1382766	1360143	1374157	1372355	0.83	cps
Rhodium	103-1	9594758	9759172	9681022	9678317	0.85	cps
Rhodium	103-2	4879502	4815862	4859899	4851754	0.67	cps
Scandium	45-1	7625227	7386721	7281980	7431309	2.37	cps
Scandium	45-2	277782	276156	276709	276882	0.30	cps
Selenium	82-1	23009	23135	23084	23076	0.28	cps
Selenium	77-2	857	997	770	874	13.08	cps
Selenium	78-2	2965	2967	3112	3014	2.80	cps
Silicon	28-1	1446763	1472297	1500847	1473302	1.84	cps
Silver	107-1	1680858	1642321	1644080	1655753	1.31	cps
Silver	109-1	1545362	1546831	1583235	1558476	1.38	cps
Sodium	23-2	6262776	6096710	6216487	6191991	1.38	cps
Strontium	86-1	4465373	4417842	4321684	4401633	1.66	cps
Strontium	88-1	38552020	37119365	37990589	37887325	1.91	cps
Sulfur	34-1	606901	608674	613222	609599	0.53	cps
Terbium	159-1	11506029	11642113	11452774	11533639	0.85	cps
Terbium	159-2	5566286	5559352	5434258	5519965	1.35	cps
Thallium	203-1	967538	965877	950573	961330	0.97	cps
Thallium	205-1	2360603	2355504	2328083	2348063	0.74	cps
Tin	118-1	1011603	1010747	1019386	1013912	0.47	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:08:16	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1097929	1083212	1076582	1085908	1.01	cps
Uranium	238-1	3000878	2945243	3031670	2992597	1.46	cps
Vanadium	51-2	352530	349221	347805	349852	0.69	cps
Ytterbium	172-1	25	25	0	17	86.60	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	5876	5960	6277	6038	3.50	cps
Ytterbium	176-2	5401	5913	5924	5746	5.19	cps
Yttrium	89-1	25086436	24673402	24436877	24732239	1.33	cps
Yttrium	89-2	3110673	3159713	3063830	3111405	1.54	cps
Zinc	66-2	683730	674128	693824	683894	1.44	cps
Zirconium	90-1	2419668	2358567	2422645	2400293	1.51	cps
Zirconium	91-1	536515	528000	532690	532402	0.80	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:11:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433251	430306	428309	430622	0.58	cps
Antimony	121-1	2376536	2400372	2309407	2362105	2.00	cps
Arsenic	75-2	80318	80048	79717	80028	0.38	cps
Barium	135-1	2983034	2992268	2937130	2970810	0.99	cps
Barium	137-1	5111907	5131413	5129978	5124433	0.21	cps
Beryllium	9-1	563498	579491	576053	573014	1.47	cps
Bismuth	209-1	6401133	6234125	6224744	6286667	1.58	cps
Bismuth	209-2	3769074	3660503	3834791	3754789	2.34	cps
Boron	10-1	54737	56706	59635	57026	4.32	cps
Boron	11-1	263319	273172	290772	275754	5.04	cps
Bromine	81-1	21338	20927	20877	21047	1.20	cps
Cadmium	111-1	569608	577279	591132	579340	1.88	cps
Cadmium	106-1	72702	73371	72366	72813	0.70	cps
Cadmium	108-1	45550	45165	44677	45131	0.97	cps
Calcium	43-1	920117	912028	922212	918119	0.59	cps
Calcium	44-1	15057893	14895956	14964832	14972894	0.54	cps
Carbon	12-1	5994435	6019090	6190381	6067968	1.76	cps
Carbon	12-2	73442	73082	73769	73431	0.47	cps
Chlorine	35-1	1079982	1075533	1059197	1071571	1.02	cps
Chlorine	35-2	8678	8002	8828	8503	5.17	cps
Chromium	52-2	868020	868622	861888	866177	0.43	cps
Cobalt	59-2	1547147	1564394	1537584	1549708	0.88	cps
Copper	63-2	12114978	11912570	11703803	11910450	1.73	cps
Dysprosium	156-1	167	133	58	119	46.45	cps
Dysprosium	156-2	47	60	70	59	19.88	cps
Erbium	164-1	108	108	100	106	4.56	cps
Erbium	164-2	23	43	57	41	40.82	cps
Gadolinium	160-1	167	208	175	183	12.03	cps
Gadolinium	160-2	133	123	137	131	5.30	cps
Holmium	165-1	10643954	10608972	11215203	10822710	3.14	cps
Holmium	165-2	5551568	5661714	5667625	5626969	1.16	cps
Indium	115-1	9786735	9745807	9836924	9789822	0.47	cps
Indium	115-2	1805437	1831840	1812568	1816615	0.75	cps
Iron	54-2	2027649	1993338	1964103	1995030	1.59	cps
Iron	56-2	35658831	35655066	35902322	35738740	0.40	cps
Iron	57-2	871150	874492	879264	874969	0.47	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:11:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	993	943	998	5.69	cps
Lead	206-1	8168503	8156501	8218520	8181174	0.40	cps
Lead	207-1	6998645	6902743	6946028	6949139	0.69	cps
Lead	208-1	32658482	31830299	32037680	32175487	1.34	cps
Lithium	6-1	3387816	3452441	3417478	3419245	0.95	cps
Magnesium	24-2	6481656	6376200	6278287	6378715	1.59	cps
Manganese	55-2	4543335	4552738	4445779	4513951	1.31	cps
Molybdenum	94-1	5732008	5631361	5654571	5672647	0.93	cps
Molybdenum	95-1	6892809	6807745	6824291	6841615	0.66	cps
Molybdenum	96-1	7564512	7476658	7614473	7551881	0.92	cps
Molybdenum	97-1	4228238	4292645	4204661	4241848	1.07	cps
Molybdenum	98-1	10848963	10982587	10811781	10881110	0.83	cps
Neodymium	150-1	140	187	140	156	17.32	cps
Neodymium	150-2	7	0	17	8	107.84	cps
Nickel	60-2	418325	411488	414906	414906	0.82	cps
Phosphorus	31-2	25281	24671	24880	24944	1.24	cps
Potassium	39-2	2665453	2660770	2545060	2623761	2.60	cps
Rhodium	103-1	9624368	9663153	9715270	9667597	0.47	cps
Rhodium	103-2	4863994	4895220	4940989	4900068	0.79	cps
Scandium	45-1	7359676	7423520	7492501	7425232	0.89	cps
Scandium	45-2	269166	276233	277679	274360	1.66	cps
Selenium	82-1	45043	45610	45575	45409	0.70	cps
Selenium	77-2	1833	1630	1700	1721	6.00	cps
Selenium	78-2	5869	5775	5805	5816	0.83	cps
Silicon	28-1	2292817	2317992	2382112	2330974	1.98	cps
Silver	107-1	3276960	3300343	3243136	3273480	0.88	cps
Silver	109-1	3065733	3138307	3080061	3094700	1.24	cps
Sodium	23-2	12191006	12149020	12032737	12124254	0.68	cps
Strontium	86-1	8749242	8954347	8941965	8881851	1.29	cps
Strontium	88-1	75895227	77231481	76776145	76634284	0.89	cps
Sulfur	34-1	744662	749738	744470	746290	0.40	cps
Terbium	159-1	11666973	11451269	11711978	11610073	1.20	cps
Terbium	159-2	5450608	5552873	5471229	5491570	0.98	cps
Thallium	203-1	1935702	2049822	2035688	2007070	3.10	cps
Thallium	205-1	4812409	4770354	4701535	4761432	1.18	cps
Tin	118-1	2064532	2040525	2015434	2040164	1.20	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:11:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2156845	2231086	2144650	2177527	2.15	cps
Uranium	238-1	5983273	5932577	5866560	5927470	0.99	cps
Vanadium	51-2	699718	687037	694292	693682	0.92	cps
Ytterbium	172-1	25	67	42	44	47.19	cps
Ytterbium	172-2	17	22	6	15	57.25	cps
Ytterbium	176-1	10563	10521	9437	10174	6.27	cps
Ytterbium	176-2	7541	8369	7891	7934	5.24	cps
Yttrium	89-1	24669094	25105465	24442371	24738977	1.36	cps
Yttrium	89-2	3158498	3132047	3213298	3167947	1.31	cps
Zinc	66-2	1333346	1320242	1319012	1324200	0.60	cps
Zirconium	90-1	4720871	4797113	4693646	4737210	1.13	cps
Zirconium	91-1	1074933	1053308	1060205	1062816	1.04	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:20:34 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	875013	860857	859750	865207	0.98	cps
Antimony	121-1	4717632	4762330	4751339	4743767	0.49	cps
Arsenic	75-2	164351	161768	163099	163072	0.79	cps
Barium	135-1	6024471	6127013	6124965	6092150	0.96	cps
Barium	137-1	10517426	10458753	10592368	10522849	0.64	cps
Beryllium	9-1	1152527	1133827	1141296	1142550	0.82	cps
Bismuth	209-1	6435669	6524323	6415655	6458549	0.90	cps
Bismuth	209-2	3795526	3948999	3827360	3857295	2.10	cps
Boron	10-1	128717	130490	133040	130749	1.66	cps
Boron	11-1	597574	629251	655883	627570	4.65	cps
Bromine	81-1	22341	23554	23073	22989	2.66	cps
Cadmium	111-1	1168498	1173461	1167516	1169825	0.27	cps
Cadmium	106-1	142696	142422	140816	141978	0.72	cps
Cadmium	108-1	92982	91849	91447	92093	0.86	cps
Calcium	43-1	1947446	1985380	1889220	1940682	2.50	cps
Calcium	44-1	30500298	30986941	30440209	30642483	0.98	cps
Carbon	12-1	6501054	6401141	6638011	6513402	1.83	cps
Carbon	12-2	79791	78678	79130	79199	0.71	cps
Chlorine	35-1	1031185	1023698	1004200	1019694	1.37	cps
Chlorine	35-2	7711	7769	8211	7897	3.46	cps
Chromium	52-2	1821640	1815604	1825533	1820925	0.27	cps
Cobalt	59-2	3217777	3104015	3092502	3138098	2.21	cps
Copper	63-2	23829624	23679725	24079658	23863002	0.85	cps
Dysprosium	156-1	225	250	250	242	5.97	cps
Dysprosium	156-2	83	87	127	99	24.39	cps
Erbium	164-1	142	58	75	92	48.11	cps
Erbium	164-2	43	47	23	38	33.41	cps
Gadolinium	160-1	267	300	275	281	6.18	cps
Gadolinium	160-2	173	173	153	167	6.93	cps
Holmium	165-1	11712347	11479086	11201764	11464399	2.23	cps
Holmium	165-2	5890485	6008574	5649357	5849472	3.13	cps
Indium	115-1	10471447	10251954	9912932	10212111	2.76	cps
Indium	115-2	1876971	1890930	1824640	1864181	1.87	cps
Iron	54-2	4038626	3924188	4023691	3995501	1.56	cps
Iron	56-2	72880488	71682690	71703932	72089037	0.95	cps
Iron	57-2	1903932	1803792	1826079	1844601	2.85	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:20:34	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1030	960	1009	4.21	cps
Lead	206-1	16841026	16401767	16352327	16531707	1.63	cps
Lead	207-1	14395735	14187249	14310659	14297881	0.73	cps
Lead	208-1	65547941	65243079	66468344	65753121	0.97	cps
Lithium	6-1	3363193	3373021	3376287	3370834	0.20	cps
Magnesium	24-2	12707153	12702760	13029295	12813069	1.46	cps
Manganese	55-2	9143667	9086160	9160438	9130088	0.43	cps
Molybdenum	94-1	11316948	11508797	11502266	11442670	0.95	cps
Molybdenum	95-1	14076495	14051588	13900229	14009438	0.68	cps
Molybdenum	96-1	15466961	15626096	15470038	15521032	0.59	cps
Molybdenum	97-1	8637004	8615909	8599007	8617307	0.22	cps
Molybdenum	98-1	22546762	22097239	22285459	22309820	1.01	cps
Neodymium	150-1	247	280	227	251	10.73	cps
Neodymium	150-2	43	20	17	27	54.47	cps
Nickel	60-2	834328	824175	826879	828460	0.63	cps
Phosphorus	31-2	50346	49176	49493	49672	1.22	cps
Potassium	39-2	5384603	5205007	5365516	5318375	1.85	cps
Rhodium	103-1	10236513	10033606	9843279	10037799	1.96	cps
Rhodium	103-2	4906351	5078176	4948691	4977739	1.80	cps
Scandium	45-1	7959997	8039728	7641858	7880528	2.67	cps
Scandium	45-2	287602	292823	291818	290748	0.95	cps
Selenium	82-1	91556	92268	91927	91917	0.39	cps
Selenium	77-2	3537	3260	3284	3360	4.57	cps
Selenium	78-2	11682	11781	11690	11718	0.47	cps
Silicon	28-1	4341736	4460000	4541196	4447644	2.26	cps
Silver	107-1	6344586	6570679	6474410	6463225	1.76	cps
Silver	109-1	6256978	6228124	6324639	6269914	0.79	cps
Sodium	23-2	24397370	24233573	24534301	24388415	0.62	cps
Strontium	86-1	18047034	18028633	17923185	17999617	0.37	cps
Strontium	88-1	153543491	155707291	156951520	155400767	1.11	cps
Sulfur	34-1	905032	1025015	925023	951690	6.75	cps
Terbium	159-1	12152506	11972215	12231962	12118894	1.10	cps
Terbium	159-2	5730998	5704318	5887169	5774162	1.71	cps
Thallium	203-1	4050404	4016736	3997005	4021382	0.67	cps
Thallium	205-1	9406115	9361877	9334825	9367606	0.38	cps
Tin	118-1	4106736	4179166	4241721	4175874	1.62	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:20:34	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4407619	4448108	4364820	4406849	0.95	cps
Uranium	238-1	11493444	12018047	12073907	11861799	2.70	cps
Vanadium	51-2	1452260	1413642	1424785	1430229	1.39	cps
Ytterbium	172-1	67	42	25	44	47.19	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	18121	18672	18505	18433	1.53	cps
Ytterbium	176-2	12078	12406	12823	12436	3.00	cps
Yttrium	89-1	26394403	26120081	25598810	26037765	1.55	cps
Yttrium	89-2	3288439	3285776	3281398	3285204	0.11	cps
Zinc	66-2	2750192	2687045	2729873	2722370	1.18	cps
Zirconium	90-1	9770892	9688791	9840942	9766875	0.78	cps
Zirconium	91-1	2201510	2244601	2217318	2221143	0.98	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:23:39 DataFile Name : 014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1781240	1791124	1744218	1772194	1.40	cps
Antimony	121-1	9687506	9668658	9543805	9633323	0.81	cps
Arsenic	75-2	322867	320544	323427	322279	0.47	cps
Barium	135-1	12239937	12491154	12255668	12328920	1.14	cps
Barium	137-1	21442609	21320679	21165266	21309518	0.65	cps
Beryllium	9-1	2336699	2295360	2339194	2323751	1.06	cps
Bismuth	209-1	6562025	6553308	6644816	6586716	0.77	cps
Bismuth	209-2	3741320	3759789	3743626	3748245	0.27	cps
Boron	10-1	232384	242771	250840	241998	3.82	cps
Boron	11-1	1023487	1077170	1129494	1076717	4.92	cps
Bromine	81-1	23374	23464	22431	23090	2.48	cps
Cadmium	111-1	2345877	2324869	2362778	2344508	0.81	cps
Cadmium	106-1	271396	274175	273508	273026	0.53	cps
Cadmium	108-1	183053	184400	184556	184003	0.45	cps
Calcium	43-1	3887281	3876429	3801764	3855158	1.21	cps
Calcium	44-1	62616902	60521682	62324650	61821078	1.84	cps
Carbon	12-1	6872294	7053274	7172701	7032756	2.15	cps
Carbon	12-2	89934	89951	89380	89755	0.36	cps
Chlorine	35-1	1026400	1021229	998966	1015532	1.44	cps
Chlorine	35-2	7761	7269	7152	7394	4.37	cps
Chromium	52-2	3521074	3604760	3610060	3578631	1.39	cps
Cobalt	59-2	6246849	6302417	6173309	6240858	1.04	cps
Copper	63-2	46809699	46774258	46316409	46633455	0.59	cps
Dysprosium	156-1	492	433	350	425	16.75	cps
Dysprosium	156-2	177	183	230	197	14.78	cps
Erbium	164-1	92	167	100	119	34.42	cps
Erbium	164-2	57	67	50	58	14.52	cps
Gadolinium	160-1	400	500	358	419	17.36	cps
Gadolinium	160-2	213	250	207	223	10.45	cps
Holmium	165-1	11626845	11744380	11679698	11683641	0.50	cps
Holmium	165-2	5952901	5841535	5924325	5906254	0.98	cps
Indium	115-1	10422672	10465238	10490009	10459307	0.33	cps
Indium	115-2	1793513	1790067	1796723	1793435	0.19	cps
Iron	54-2	7892156	8014022	7999711	7968629	0.84	cps
Iron	56-2	145519964	142304437	143626164	143816855	1.12	cps
Iron	57-2	3666455	3571591	3647859	3628635	1.39	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:23:39	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	913	1127	980	1007	10.84	cps
Lead	206-1	32524480	33520915	32298899	32781431	1.98	cps
Lead	207-1	28465567	28824342	28187388	28492432	1.12	cps
Lead	208-1	131215907	132656225	131023366	131631833	0.68	cps
Lithium	6-1	3360292	3452023	3525830	3446048	2.41	cps
Magnesium	24-2	25685263	25428388	25604947	25572866	0.51	cps
Manganese	55-2	18303273	18320978	18616137	18413463	0.95	cps
Molybdenum	94-1	23582580	23862668	23464855	23636701	0.86	cps
Molybdenum	95-1	28668451	28744637	28508584	28640557	0.42	cps
Molybdenum	96-1	31825228	31417856	31880842	31707975	0.80	cps
Molybdenum	97-1	17630265	17305268	17362617	17432717	1.00	cps
Molybdenum	98-1	44995524	44911362	44875691	44927526	0.14	cps
Neodymium	150-1	607	353	440	467	27.59	cps
Neodymium	150-2	47	43	53	48	10.66	cps
Nickel	60-2	1735782	1697978	1737535	1723765	1.30	cps
Phosphorus	31-2	97310	99744	94567	97207	2.66	cps
Potassium	39-2	10505304	10598081	10552275	10551887	0.44	cps
Rhodium	103-1	10275845	10070986	10049267	10132033	1.23	cps
Rhodium	103-2	4861649	4761726	4953189	4858855	1.97	cps
Scandium	45-1	8250543	7910187	8253238	8137990	2.42	cps
Scandium	45-2	287313	284229	289698	287080	0.96	cps
Selenium	82-1	183901	184500	184887	184429	0.27	cps
Selenium	77-2	6732	6695	6672	6699	0.45	cps
Selenium	78-2	22793	22626	22985	22801	0.79	cps
Silicon	28-1	7396475	7962682	7865179	7741445	3.91	cps
Silver	107-1	13043397	13166452	13253325	13154391	0.80	cps
Silver	109-1	12017948	12412097	12492652	12307566	2.06	cps
Sodium	23-2	49056131	49288041	50060626	49468266	1.06	cps
Strontium	86-1	36511556	36373119	36551611	36478762	0.26	cps
Strontium	88-1	318989824	313728224	318022065	316913371	0.88	cps
Sulfur	34-1	1409002	1396402	1413250	1406218	0.62	cps
Terbium	159-1	12577839	12391673	12915629	12628381	2.10	cps
Terbium	159-2	5790050	5760944	5894176	5815057	1.20	cps
Thallium	203-1	8020363	8161368	7991642	8057791	1.13	cps
Thallium	205-1	18683693	19297896	18715229	18898939	1.83	cps
Tin	118-1	8379463	8352127	8353263	8361618	0.18	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:23:39	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8963969	8748297	9054832	8922366	1.76	cps
Uranium	238-1	24118574	24354564	24614873	24362670	1.02	cps
Vanadium	51-2	2839819	2862209	2891350	2864459	0.90	cps
Ytterbium	172-1	50	42	58	50	16.66	cps
Ytterbium	172-2	17	44	33	31	44.41	cps
Ytterbium	176-1	35649	35800	35966	35805	0.44	cps
Ytterbium	176-2	20922	21267	21507	21232	1.38	cps
Yttrium	89-1	26530467	25991235	26718309	26413337	1.43	cps
Yttrium	89-2	3225566	3173779	3323830	3241058	2.35	cps
Zinc	66-2	5328432	5209503	5300817	5279584	1.18	cps
Zirconium	90-1	19763937	19704721	20151623	19873427	1.22	cps
Zirconium	91-1	4376382	4542222	4517319	4478641	2.00	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:46:27	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8689952	8719673	8702177	8703934	0.17	cps
Antimony	121-1	4718	4201	4209	4376	6.77	cps
Arsenic	75-2	134	133	152	140	7.66	cps
Barium	135-1	5843	5618	5801	5754	2.08	cps
Barium	137-1	10563	10071	10855	10496	3.78	cps
Beryllium	9-1	422	472	448	447	5.59	cps
Bismuth	209-1	5776781	5833636	5707456	5772625	1.09	cps
Bismuth	209-2	3407291	3490118	3492464	3463291	1.40	cps
Boron	10-1	5958	5884	5918	5920	0.63	cps
Boron	11-1	28788	28240	27985	28338	1.45	cps
Bromine	81-1	22080	22291	23243	22538	2.75	cps
Cadmium	111-1	1496	1493	1405	1465	3.53	cps
Cadmium	106-1	6535	6885	6844	6755	2.83	cps
Cadmium	108-1	142	208	179	176	18.95	cps
Calcium	43-1	17591376	17424265	16996985	17337542	1.77	cps
Calcium	44-1	292104097	288958401	289952946	290338481	0.55	cps
Carbon	12-1	8381113	8339962	8423257	8381444	0.50	cps
Carbon	12-2	110909	106847	108549	108768	1.88	cps
Chlorine	35-1	1253815	1217954	1186835	1219535	2.75	cps
Chlorine	35-2	9345	8711	8861	8972	3.69	cps
Chromium	52-2	12732	12345	12476	12518	1.57	cps
Cobalt	59-2	14447	14157	14714	14440	1.93	cps
Copper	63-2	15739	16480	17237	16485	4.54	cps
Dysprosium	156-1	1558	1642	1600	1600	2.60	cps
Dysprosium	156-2	727	793	717	746	5.59	cps
Erbium	164-1	308	342	275	308	10.81	cps
Erbium	164-2	150	147	140	146	3.50	cps
Gadolinium	160-1	1767	1508	1567	1614	8.40	cps
Gadolinium	160-2	870	900	863	878	2.23	cps
Holmium	165-1	11311032	10994279	11090777	11132029	1.46	cps
Holmium	165-2	5692156	5660052	5732645	5694951	0.64	cps
Indium	115-1	9624779	9851578	9995117	9823825	1.90	cps
Indium	115-2	1739649	1822289	1857470	1806469	3.35	cps
Iron	54-2	37093827	37873143	36832648	37266539	1.45	cps
Iron	56-2	673918015	674206882	666699570	671608156	0.63	cps
Iron	57-2	16941071	17127175	17058985	17042411	0.55	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:46:27 DataFile Name : 016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1057	1007	1030	2.44	cps
Lead	206-1	14097	14447	13774	14106	2.39	cps
Lead	207-1	11911	11872	11822	11869	0.38	cps
Lead	208-1	55865	56477	55008	55783	1.32	cps
Lithium	6-1	3352759	3298161	3355316	3335412	0.97	cps
Magnesium	24-2	123408511	123148853	124238378	123598581	0.46	cps
Manganese	55-2	26399	27187	26621	26736	1.52	cps
Molybdenum	94-1	10104	10463	9879	10148	2.90	cps
Molybdenum	95-1	9437	9011	8636	9028	4.44	cps
Molybdenum	96-1	21651	21358	21968	21659	1.41	cps
Molybdenum	97-1	5510	5301	6102	5637	7.37	cps
Molybdenum	98-1	13716	13465	12981	13387	2.79	cps
Neodymium	150-1	100	100	93	98	3.93	cps
Neodymium	150-2	30	23	50	34	40.30	cps
Nickel	60-2	6442	6171	6238	6284	2.24	cps
Phosphorus	31-2	242	258	217	239	8.78	cps
Potassium	39-2	53593066	53085639	52873835	53184180	0.69	cps
Rhodium	103-1	9296653	9140643	9254720	9230672	0.87	cps
Rhodium	103-2	4437171	4563191	4654749	4551704	2.40	cps
Scandium	45-1	7863845	7831116	7639668	7778210	1.56	cps
Scandium	45-2	288467	287811	293156	289811	1.01	cps
Selenium	82-1	133	146	205	161	23.78	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	103	105	122	110	9.49	cps
Silicon	28-1	763387	798910	822959	795086	3.77	cps
Silver	107-1	2767	2792	2725	2761	1.22	cps
Silver	109-1	2584	2559	2225	2456	8.15	cps
Sodium	23-2	239398464	237934097	236242147	237858236	0.66	cps
Strontium	86-1	30785	30509	29640	30311	1.97	cps
Strontium	88-1	250852	248895	251269	250339	0.51	cps
Sulfur	34-1	430269	418544	415292	421368	1.87	cps
Terbium	159-1	11938071	11882151	11941625	11920616	0.28	cps
Terbium	159-2	5634518	5596196	5829485	5686733	2.20	cps
Thallium	203-1	2025	1975	1850	1950	4.62	cps
Thallium	205-1	5285	4768	5143	5065	5.27	cps
Tin	118-1	4351	4801	4809	4654	5.64	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:46:27	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2025	2159	2167	2117	3.76	cps
Uranium	238-1	4318	4401	4484	4401	1.89	cps
Vanadium	51-2	827	737	813	792	6.13	cps
Ytterbium	172-1	225	125	158	169	30.05	cps
Ytterbium	172-2	94	83	139	106	27.85	cps
Ytterbium	176-1	1700	1575	1525	1600	5.63	cps
Ytterbium	176-2	4490	4612	4523	4542	1.39	cps
Yttrium	89-1	25594321	25286119	24960205	25280215	1.25	cps
Yttrium	89-2	3261738	3330621	3374801	3322387	1.72	cps
Zinc	66-2	10077	10401	10444	10307	1.95	cps
Zirconium	90-1	11589	11538	11647	11591	0.47	cps
Zirconium	91-1	2725	2692	2809	2742	2.19	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : ICV47 Instrumnet Name : P8
 Client Sample ID : ICV47 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 11:56:59 DataFile Name : 017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45838	44810	44432	45027	1.62	cps
Antimony	121-1	1815252	1803217	1813581	1810683	0.36	cps
Arsenic	75-2	66835	66937	66196	66656	0.60	cps
Barium	135-1	232151	232187	231577	231972	0.15	cps
Barium	137-1	402594	400501	406863	403319	0.80	cps
Beryllium	9-1	226560	222134	222395	223697	1.11	cps
Bismuth	209-1	6035356	6378169	6349203	6254243	3.04	cps
Bismuth	209-2	3866428	3764737	3822077	3817748	1.34	cps
Boron	10-1	4554	4792	4762	4703	2.76	cps
Boron	11-1	22813	22967	21726	22502	3.01	cps
Bromine	81-1	23514	23374	23183	23357	0.71	cps
Cadmium	111-1	232073	231539	227411	230341	1.11	cps
Cadmium	106-1	29299	29223	28948	29156	0.63	cps
Cadmium	108-1	15880	16172	16160	16071	1.03	cps
Calcium	43-1	68210	68872	68193	68425	0.57	cps
Calcium	44-1	1218411	1193414	1215221	1209015	1.13	cps
Carbon	12-1	5711264	5855306	6057557	5874709	2.96	cps
Carbon	12-2	71256	70043	71164	70821	0.95	cps
Chlorine	35-1	1182835	1160175	1140782	1161264	1.81	cps
Chlorine	35-2	9120	9287	8986	9131	1.65	cps
Chromium	52-2	358956	353547	352043	354849	1.02	cps
Cobalt	59-2	624167	613897	623499	620521	0.93	cps
Copper	63-2	474836	471594	473746	473392	0.35	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	10	33	20	21	55.45	cps
Gadolinium	160-1	92	142	108	114	22.35	cps
Gadolinium	160-2	100	83	77	87	13.87	cps
Holmium	165-1	10673075	10997299	11115087	10928487	2.09	cps
Holmium	165-2	5732461	5564313	5496818	5597864	2.17	cps
Indium	115-1	9700456	10534944	10351218	10195539	4.30	cps
Indium	115-2	1908423	1880342	1890883	1893216	0.75	cps
Iron	54-2	315836	310093	315322	313750	1.01	cps
Iron	56-2	5860342	5769577	5742315	5790744	1.07	cps
Iron	57-2	142252	137787	140625	140221	1.61	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICV47	Instrumnet Name :	P8
Client Sample ID :	ICV47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:56:59	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	953	1050	968	7.86	cps
Lead	206-1	1331369	1287345	1294535	1304417	1.81	cps
Lead	207-1	1082849	1076072	1063191	1074037	0.93	cps
Lead	208-1	5247548	5164610	5197571	5203243	0.80	cps
Lithium	6-1	3187410	3511974	3339540	3346308	4.85	cps
Magnesium	24-2	303169	297683	295765	298872	1.29	cps
Manganese	55-2	166714	168043	168422	167726	0.53	cps
Molybdenum	94-1	1992	2025	1200	1739	26.86	cps
Molybdenum	95-1	2100	2750	992	1947	45.66	cps
Molybdenum	96-1	2675	3134	1500	2436	34.58	cps
Molybdenum	97-1	1442	1608	683	1245	39.62	cps
Molybdenum	98-1	3075	3701	1875	2884	32.17	cps
Neodymium	150-1	7	33	20	20	66.65	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	187496	189998	188086	188527	0.69	cps
Phosphorus	31-2	142	250	200	197	27.49	cps
Potassium	39-2	442764	435612	438162	438846	0.83	cps
Rhodium	103-1	9542555	10408406	10143095	10031352	4.42	cps
Rhodium	103-2	5083690	4967541	5050084	5033772	1.19	cps
Scandium	45-1	7365501	7886427	7877009	7709646	3.87	cps
Scandium	45-2	295028	286869	286172	289356	1.70	cps
Selenium	82-1	38015	37611	37381	37669	0.85	cps
Selenium	77-2	1410	1587	1420	1472	6.74	cps
Selenium	78-2	4989	4874	4925	4930	1.17	cps
Silicon	28-1	581149	584156	589494	584933	0.72	cps
Silver	107-1	610387	626982	617389	618253	1.35	cps
Silver	109-1	590723	573149	587530	583801	1.60	cps
Sodium	23-2	1009935	985863	997306	997701	1.21	cps
Strontium	86-1	4743	5585	3767	4698	19.36	cps
Strontium	88-1	29720	31948	18104	26591	27.95	cps
Sulfur	34-1	428260	430923	431838	430340	0.43	cps
Terbium	159-1	11108421	12065181	11640518	11604706	4.13	cps
Terbium	159-2	5642182	5599170	5557746	5599699	0.75	cps
Thallium	203-1	1641803	1581009	1624151	1615655	1.94	cps
Thallium	205-1	4028819	3833665	3889839	3917441	2.56	cps
Tin	118-1	2067	1925	1642	1878	11.53	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICV47	Instrumnet Name :	P8
Client Sample ID :	ICV47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 11:56:59	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	892	892	733	839	10.90	cps
Uranium	238-1	1659	2075	767	1500	44.56	cps
Vanadium	51-2	280412	278620	279745	279592	0.32	cps
Ytterbium	172-1	92	75	25	64	54.31	cps
Ytterbium	172-2	11	39	17	22	66.14	cps
Ytterbium	176-1	1492	1650	1342	1495	10.32	cps
Ytterbium	176-2	3828	4501	4373	4234	8.43	cps
Yttrium	89-1	24469985	25888821	25785600	25381469	3.12	cps
Yttrium	89-2	3299659	3217393	3262804	3259952	1.26	cps
Zinc	66-2	108700	105304	106803	106936	1.59	cps
Zirconium	90-1	2467	2709	1750	2309	21.59	cps
Zirconium	91-1	600	700	583	628	10.05	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:15:59	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2470	2212	2277	2320	5.77	cps
Antimony	121-1	17929	18480	18029	18146	1.62	cps
Arsenic	75-2	348	368	339	352	4.22	cps
Barium	135-1	21977	22878	21568	22141	3.03	cps
Barium	137-1	39977	39099	38764	39280	1.59	cps
Beryllium	9-1	2368	2336	2348	2350	0.69	cps
Bismuth	209-1	6062230	6140115	6293990	6165445	1.91	cps
Bismuth	209-2	3914307	3764461	3882453	3853741	2.05	cps
Boron	10-1	8137	8687	8461	8428	3.28	cps
Boron	11-1	39028	40018	41280	40109	2.81	cps
Bromine	81-1	21449	21148	21388	21328	0.75	cps
Cadmium	111-1	2679	2642	2751	2691	2.06	cps
Cadmium	106-1	6443	5885	6410	6246	5.02	cps
Cadmium	108-1	254	221	200	225	12.14	cps
Calcium	43-1	17541	17924	17906	17790	1.22	cps
Calcium	44-1	342909	343076	342578	342854	0.07	cps
Carbon	12-1	5142995	5281774	5124286	5183019	1.66	cps
Carbon	12-2	61981	60366	61546	61298	1.36	cps
Chlorine	35-1	1010600	970461	958808	979957	2.77	cps
Chlorine	35-2	7711	7952	7452	7705	3.25	cps
Chromium	52-2	8149	8029	8269	8149	1.47	cps
Cobalt	59-2	6512	6475	6301	6429	1.75	cps
Copper	63-2	11505	10881	10764	11050	3.60	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	83	75	125	94	28.36	cps
Gadolinium	160-2	70	63	83	72	14.10	cps
Holmium	165-1	10758449	10557186	10607814	10641150	0.98	cps
Holmium	165-2	5607001	5598283	5708115	5637800	1.08	cps
Indium	115-1	10063512	10091102	10263990	10139535	1.07	cps
Indium	115-2	1959384	1915846	1906316	1927182	1.47	cps
Iron	54-2	10065	9881	10226	10057	1.71	cps
Iron	56-2	172500	166771	168759	169343	1.72	cps
Iron	57-2	4317	4162	4212	4230	1.88	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:15:59	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1007	900	950	5.65	cps
Lead	206-1	8453	9192	8308	8651	5.48	cps
Lead	207-1	7397	7291	7436	7374	1.01	cps
Lead	208-1	33267	34613	33812	33898	2.00	cps
Lithium	6-1	3424302	3307405	3324182	3351963	1.89	cps
Magnesium	24-2	127565	129128	127471	128055	0.73	cps
Manganese	55-2	2287	2377	2514	2393	4.79	cps
Molybdenum	94-1	22252	22644	22694	22530	1.07	cps
Molybdenum	95-1	27286	28004	27661	27650	1.30	cps
Molybdenum	96-1	30534	29407	30885	30275	2.55	cps
Molybdenum	97-1	17453	16785	16560	16933	2.74	cps
Molybdenum	98-1	43979	44380	44062	44140	0.48	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1807	1827	1983	1872	5.17	cps
Phosphorus	31-2	200	175	167	181	9.61	cps
Potassium	39-2	129183	129209	129991	129461	0.35	cps
Rhodium	103-1	10069634	10241784	10188640	10166686	0.87	cps
Rhodium	103-2	5266804	5096677	5074256	5145912	2.05	cps
Scandium	45-1	7734417	7708326	8015574	7819439	2.18	cps
Scandium	45-2	296437	296661	293694	295597	0.56	cps
Selenium	82-1	979	889	1020	963	6.98	cps
Selenium	77-2	30	23	47	33	36.07	cps
Selenium	78-2	223	236	214	224	4.93	cps
Silicon	28-1	610320	618675	612520	613838	0.71	cps
Silver	107-1	11563	11797	12431	11931	3.76	cps
Silver	109-1	11246	11822	11664	11577	2.57	cps
Sodium	23-2	281719	285803	280269	282597	1.02	cps
Strontium	86-1	5893	6102	6110	6035	2.03	cps
Strontium	88-1	37501	37626	38496	37875	1.43	cps
Sulfur	34-1	398459	397412	404612	400161	0.97	cps
Terbium	159-1	11497526	11750546	11653265	11633779	1.10	cps
Terbium	159-2	5801875	5667018	5680595	5716496	1.30	cps
Thallium	203-1	7377	7903	8103	7794	4.81	cps
Thallium	205-1	19957	19632	19065	19551	2.31	cps
Tin	118-1	40201	41079	40051	40444	1.37	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:15:59	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8603	9428	8644	8892	5.23	cps
Uranium	238-1	21185	21185	20734	21035	1.24	cps
Vanadium	51-2	14097	13950	14184	14077	0.84	cps
Ytterbium	172-1	17	42	17	25	57.73	cps
Ytterbium	172-2	39	17	6	20	83.30	cps
Ytterbium	176-1	1283	1300	1392	1325	4.40	cps
Ytterbium	176-2	3767	4090	3834	3897	4.37	cps
Yttrium	89-1	25972190	25375707	25642660	25663519	1.16	cps
Yttrium	89-2	3399604	3369707	3325927	3365079	1.10	cps
Zinc	66-2	2040	1957	2234	2077	6.84	cps
Zirconium	90-1	19689	19840	19706	19745	0.42	cps
Zirconium	91-1	4292	4676	4334	4434	4.75	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : ICB47 Instrumnet Name : P8
 Client Sample ID : ICB47 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:22:05 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	721	405	414	513	35.09	cps
Antimony	121-1	683	758	975	806	18.80	cps
Arsenic	75-2	27	11	22	20	40.93	cps
Barium	135-1	533	792	1008	778	30.58	cps
Barium	137-1	983	1192	1884	1353	34.83	cps
Beryllium	9-1	136	206	252	198	29.50	cps
Bismuth	209-1	6056054	6020033	5805492	5960526	2.27	cps
Bismuth	209-2	3751195	3838970	3769606	3786590	1.22	cps
Boron	10-1	3480	3314	3170	3321	4.67	cps
Boron	11-1	16588	15551	15085	15741	4.89	cps
Bromine	81-1	21819	21118	22912	21950	4.12	cps
Cadmium	111-1	802	701	911	805	13.08	cps
Cadmium	106-1	6218	5993	5876	6029	2.88	cps
Cadmium	108-1	58	75	121	85	38.21	cps
Calcium	43-1	1434	1660	2122	1739	20.19	cps
Calcium	44-1	72055	75624	83861	77180	7.85	cps
Carbon	12-1	5156645	5078848	5152358	5129284	0.85	cps
Carbon	12-2	59797	61119	60777	60564	1.13	cps
Chlorine	35-1	860420	837232	832972	843541	1.75	cps
Chlorine	35-2	6760	7102	6944	6935	2.47	cps
Chromium	52-2	1117	1037	1140	1098	4.94	cps
Cobalt	59-2	463	260	203	309	44.26	cps
Copper	63-2	3317	2217	1907	2480	29.88	cps
Dysprosium	156-1	17	50	0	22	114.56	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	100	83	33	72	48.04	cps
Erbium	164-2	27	20	27	24	15.75	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	77	57	83	72	19.21	cps
Holmium	165-1	10650520	10466820	10159978	10425773	2.38	cps
Holmium	165-2	5466451	5697716	5622185	5595450	2.11	cps
Indium	115-1	9816809	10014308	9763262	9864793	1.34	cps
Indium	115-2	1862971	1973966	1861085	1899341	3.40	cps
Iron	54-2	2911	1995	1617	2174	30.62	cps
Iron	56-2	48168	25413	21573	31718	45.32	cps
Iron	57-2	1111	772	533	806	36.04	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICB47	Instrumnet Name :	P8
Client Sample ID :	ICB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:22:05	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	1063	997	986	8.51	cps
Lead	206-1	3334	3734	4545	3871	15.95	cps
Lead	207-1	2773	3667	3923	3454	17.49	cps
Lead	208-1	13659	15398	17933	15663	13.72	cps
Lithium	6-1	3205345	3181505	3220098	3202316	0.61	cps
Magnesium	24-2	7269	3676	3184	4709	47.36	cps
Manganese	55-2	1071	575	433	693	48.36	cps
Molybdenum	94-1	1608	1734	2434	1925	23.10	cps
Molybdenum	95-1	1683	1742	2867	2097	31.81	cps
Molybdenum	96-1	2042	2067	3017	2375	23.41	cps
Molybdenum	97-1	1050	1233	1642	1308	23.15	cps
Molybdenum	98-1	2475	2909	4009	3131	25.25	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	247	177	157	193	24.44	cps
Phosphorus	31-2	192	125	133	150	24.22	cps
Potassium	39-2	29489	27953	27577	28340	3.57	cps
Rhodium	103-1	9705600	9975464	9706661	9795908	1.59	cps
Rhodium	103-2	5094839	5251717	5024618	5123724	2.27	cps
Scandium	45-1	7544668	7476220	7533482	7518123	0.49	cps
Scandium	45-2	289341	299220	290979	293180	1.81	cps
Selenium	82-1	184	-44	45	62	186.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	104	92	113	103	10.23	cps
Silicon	28-1	526789	527540	532220	528850	0.56	cps
Silver	107-1	308	325	375	336	10.32	cps
Silver	109-1	283	275	225	261	12.08	cps
Sodium	23-2	44829	38911	38017	40586	9.12	cps
Strontium	86-1	3225	3667	4693	3862	19.49	cps
Strontium	88-1	13725	16878	25858	18820	33.45	cps
Sulfur	34-1	416467	418580	420394	418480	0.47	cps
Terbium	159-1	10974204	11015872	10851901	10947326	0.78	cps
Terbium	159-2	5493055	5748863	5730998	5657638	2.52	cps
Thallium	203-1	1008	1117	1433	1186	18.62	cps
Thallium	205-1	2625	2542	3251	2806	13.80	cps
Tin	118-1	3084	3134	3117	3112	0.82	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICB47	Instrumnet Name :	P8
Client Sample ID :	ICB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:22:05	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	783	875	1083	914	16.82	cps
Uranium	238-1	1200	1192	2167	1520	36.89	cps
Vanadium	51-2	163	90	107	120	32.04	cps
Ytterbium	172-1	42	17	83	47	71.32	cps
Ytterbium	172-2	28	6	0	11	132.26	cps
Ytterbium	176-1	1325	1242	1225	1264	4.24	cps
Ytterbium	176-2	3250	3712	3356	3439	7.03	cps
Yttrium	89-1	24352142	24867378	24149548	24456356	1.51	cps
Yttrium	89-2	3265850	3378013	3229661	3291175	2.35	cps
Zinc	66-2	900	783	657	780	15.60	cps
Zirconium	90-1	1950	2034	2484	2156	13.31	cps
Zirconium	91-1	408	517	608	511	19.59	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : ICSA48 Instrumnet Name : P8
 Client Sample ID : ICSA48 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:25:19 DataFile Name : 025ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8512426	8592057	8455846	8520110	0.80	cps
Antimony	121-1	10212	10579	9862	10218	3.51	cps
Arsenic	75-2	109	125	112	115	7.37	cps
Barium	135-1	3626	3576	3509	3570	1.64	cps
Barium	137-1	6802	6744	5826	6457	8.47	cps
Beryllium	9-1	726	734	710	723	1.69	cps
Bismuth	209-1	6035024	5990071	6005297	6010131	0.38	cps
Bismuth	209-2	3634070	3731642	2943107	3436273	12.51	cps
Boron	10-1	2984	2942	2934	2953	0.91	cps
Boron	11-1	14154	14326	14040	14173	1.02	cps
Bromine	81-1	21870	22391	22461	22241	1.45	cps
Cadmium	111-1	1256	1492	1559	1436	11.06	cps
Cadmium	106-1	5935	6568	6685	6396	6.31	cps
Cadmium	108-1	1988	1713	1871	1857	7.43	cps
Calcium	43-1	3426984	3482836	3370461	3426760	1.64	cps
Calcium	44-1	56247744	56979779	55767828	56331784	1.08	cps
Carbon	12-1	32460116	34373095	34813801	33882337	3.69	cps
Carbon	12-2	426344	433499	420112	426652	1.57	cps
Chlorine	35-1	14539846	18651468	22497263	18562859	21.44	cps
Chlorine	35-2	243894	260151	275448	259831	6.07	cps
Chromium	52-2	70516	68805	69705	69675	1.23	cps
Cobalt	59-2	7292	7262	7079	7211	1.60	cps
Copper	63-2	38225	37864	36731	37606	2.07	cps
Dysprosium	156-1	67	33	50	50	33.34	cps
Dysprosium	156-2	20	10	13	14	35.26	cps
Erbium	164-1	100	92	83	92	9.09	cps
Erbium	164-2	70	27	20	39	69.81	cps
Gadolinium	160-1	100	183	150	144	29.04	cps
Gadolinium	160-2	77	63	83	74	13.68	cps
Holmium	165-1	10827654	11028808	10876201	10910888	0.96	cps
Holmium	165-2	5599483	5864108	4628449	5364013	12.13	cps
Indium	115-1	10022192	10141644	10143501	10102446	0.69	cps
Indium	115-2	1841232	1924818	1510229	1758760	12.47	cps
Iron	54-2	15247128	15079832	14966962	15097974	0.93	cps
Iron	56-2	273780662	277743262	277044434	276189452	0.77	cps
Iron	57-2	6924844	6911173	6891992	6909336	0.24	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : ICSA48 Instrumnet Name : P8
 Client Sample ID : ICSA48 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:25:19 DataFile Name : 025ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	997	973	1002	3.20	cps
Lead	206-1	30236	30731	29896	30288	1.39	cps
Lead	207-1	24245	24123	24891	24420	1.69	cps
Lead	208-1	115375	112091	114257	113908	1.47	cps
Lithium	6-1	3182986	3403226	3347344	3311186	3.46	cps
Magnesium	24-2	23653844	24079221	23894679	23875914	0.89	cps
Manganese	55-2	13661	14306	13595	13854	2.83	cps
Molybdenum	94-1	6028504	6092767	6036820	6052697	0.58	cps
Molybdenum	95-1	10493449	10409432	10471764	10458215	0.42	cps
Molybdenum	96-1	11252353	11495761	11228247	11325454	1.31	cps
Molybdenum	97-1	6417856	6538827	6510353	6489012	0.97	cps
Molybdenum	98-1	16431573	16718119	16627753	16592482	0.88	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	23	20	17	20	16.65	cps
Nickel	60-2	8916	8960	8976	8951	0.35	cps
Phosphorus	31-2	479849	479904	476183	478645	0.45	cps
Potassium	39-2	20209736	20531733	20209395	20316955	0.92	cps
Rhodium	103-1	9299837	9579337	9794362	9557845	2.59	cps
Rhodium	103-2	4772980	4979705	4021795	4591493	10.98	cps
Scandium	45-1	7577635	7891774	7791707	7753705	2.07	cps
Scandium	45-2	285475	296619	238666	273587	11.24	cps
Selenium	82-1	17	73	66	52	58.11	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	93	100	85	93	8.10	cps
Silicon	28-1	780972	786574	807800	791782	1.79	cps
Silver	107-1	992	692	658	781	23.52	cps
Silver	109-1	767	633	642	681	10.98	cps
Sodium	23-2	48402003	47934201	48270103	48202102	0.50	cps
Strontium	86-1	120139	121215	120382	120579	0.47	cps
Strontium	88-1	1048015	1038739	1052350	1046368	0.66	cps
Sulfur	34-1	4746741	4733061	4798057	4759286	0.72	cps
Terbium	159-1	11696638	11896621	11719702	11770987	0.93	cps
Terbium	159-2	5514989	5803517	4649661	5322723	11.28	cps
Thallium	203-1	1075	1208	967	1083	11.17	cps
Thallium	205-1	2867	2809	2625	2767	4.56	cps
Tin	118-1	4418	4368	3809	4198	8.05	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSA48	Instrumnet Name :	P8
Client Sample ID :	ICSA48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:25:19	DataFile Name :	025ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3413564	3410759	3386823	3403715	0.43	cps
Uranium	238-1	1450	1233	1108	1264	13.68	cps
Vanadium	51-2	437	493	453	461	6.32	cps
Ytterbium	172-1	25	58	33	39	44.62	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	1308	1392	1342	1347	3.11	cps
Ytterbium	176-2	3023	3651	3123	3265	10.33	cps
Yttrium	89-1	24782331	25635486	25714481	25377433	2.04	cps
Yttrium	89-2	3235254	3352877	2703886	3097339	11.16	cps
Zinc	66-2	6755	6905	7145	6935	2.84	cps
Zirconium	90-1	2150	1734	1917	1934	10.80	cps
Zirconium	91-1	467	425	425	439	5.48	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : ICSAB48 Instrumnet Name : P8
 Client Sample ID : ICSAB48 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:28:15 DataFile Name : 026ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8530111	8478131	8437879	8482040	0.55	cps
Antimony	121-1	186918	189415	184114	186816	1.42	cps
Arsenic	75-2	6656	6411	6620	6563	2.02	cps
Barium	135-1	47551	50035	49098	48895	2.57	cps
Barium	137-1	85898	84555	86737	85730	1.28	cps
Beryllium	9-1	42799	43160	42575	42845	0.69	cps
Bismuth	209-1	5983797	5980475	6578696	6180990	5.57	cps
Bismuth	209-2	3620331	3745144	3642053	3669176	1.82	cps
Boron	10-1	12401	12723	12859	12661	1.86	cps
Boron	11-1	60570	62558	65075	62734	3.60	cps
Bromine	81-1	23484	23935	25299	24239	3.90	cps
Cadmium	111-1	45110	44785	44613	44836	0.56	cps
Cadmium	106-1	11405	12339	11989	11911	3.96	cps
Cadmium	108-1	5239	5418	5380	5346	1.77	cps
Calcium	43-1	3455811	3430238	3425895	3437314	0.47	cps
Calcium	44-1	55885131	56964690	57580073	56809964	1.51	cps
Carbon	12-1	32759775	34361348	34880927	34000683	3.25	cps
Carbon	12-2	438273	429879	427945	432033	1.27	cps
Chlorine	35-1	27938270	32237192	34997031	31724165	11.21	cps
Chlorine	35-2	334767	348191	354919	345959	2.97	cps
Chromium	52-2	139012	136571	137635	137739	0.89	cps
Cobalt	59-2	128746	124640	125746	126377	1.68	cps
Copper	63-2	125392	123569	125173	124711	0.80	cps
Dysprosium	156-1	25	58	67	50	44.10	cps
Dysprosium	156-2	27	13	40	27	50.01	cps
Erbium	164-1	67	108	125	100	30.04	cps
Erbium	164-2	30	43	60	44	33.82	cps
Gadolinium	160-1	125	175	167	156	17.22	cps
Gadolinium	160-2	83	63	73	73	13.64	cps
Holmium	165-1	10765088	11110872	12281588	11385849	6.98	cps
Holmium	165-2	5792863	5865604	5562577	5740348	2.76	cps
Indium	115-1	9980917	10056707	11434208	10490611	7.80	cps
Indium	115-2	1881570	1875014	1809451	1855345	2.15	cps
Iron	54-2	15552873	15362511	15134546	15349977	1.36	cps
Iron	56-2	279807701	274722495	279501795	278010664	1.03	cps
Iron	57-2	6972081	6951616	6934093	6952596	0.27	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSAB48	Instrumnet Name :	P8
Client Sample ID :	ICSAB48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:28:15	DataFile Name :	026ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1117	927	973	1006	9.85	cps
Lead	206-1	145031	148425	146705	146721	1.16	cps
Lead	207-1	118948	121303	120220	120157	0.98	cps
Lead	208-1	554448	562202	563276	559976	0.86	cps
Lithium	6-1	3260757	3370997	3513372	3381709	3.75	cps
Magnesium	24-2	23903640	23796427	23448843	23716303	1.00	cps
Manganese	55-2	46589	45217	46282	46029	1.56	cps
Molybdenum	94-1	6299097	6391811	6340197	6343702	0.73	cps
Molybdenum	95-1	10509946	10504098	10472086	10495377	0.19	cps
Molybdenum	96-1	11338700	11155799	11229462	11241320	0.82	cps
Molybdenum	97-1	6376385	6488185	6533914	6466161	1.25	cps
Molybdenum	98-1	16414111	16763132	16589758	16589000	1.05	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	40758	40381	40354	40498	0.56	cps
Phosphorus	31-2	488528	479704	480339	482857	1.02	cps
Potassium	39-2	20838860	20434784	20335053	20536232	1.30	cps
Rhodium	103-1	9576085	9780806	10782916	10046602	6.43	cps
Rhodium	103-2	4978620	4881707	4758400	4872909	2.27	cps
Scandium	45-1	7656103	7938664	8592948	8062572	5.96	cps
Scandium	45-2	297330	295903	287977	293736	1.72	cps
Selenium	82-1	3439	3653	3609	3567	3.16	cps
Selenium	77-2	110	103	113	109	4.68	cps
Selenium	78-2	570	511	526	536	5.72	cps
Silicon	28-1	809415	844696	851495	835202	2.70	cps
Silver	107-1	229016	231536	232291	230948	0.74	cps
Silver	109-1	220061	224608	215790	220153	2.00	cps
Sodium	23-2	48079772	47946293	47374908	47800324	0.78	cps
Strontium	86-1	277606	280043	281251	279633	0.66	cps
Strontium	88-1	2466287	2471974	2474390	2470884	0.17	cps
Sulfur	34-1	4753677	4697848	4721103	4724209	0.59	cps
Terbium	159-1	11442910	11520299	12506778	11823329	5.02	cps
Terbium	159-2	5760561	5659336	5626944	5682280	1.23	cps
Thallium	203-1	141653	147502	148510	145889	2.54	cps
Thallium	205-1	334569	344485	344490	341181	1.68	cps
Tin	118-1	350372	355364	357727	354487	1.06	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	ICSAB48	Instrumnet Name :	P8
Client Sample ID :	ICSAB48	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:28:15	DataFile Name :	026ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3382974	3426831	3419132	3409646	0.69	cps
Uranium	238-1	991661	1003972	1006099	1000577	0.78	cps
Vanadium	51-2	56702	54734	55202	55546	1.85	cps
Ytterbium	172-1	25	50	25	33	43.30	cps
Ytterbium	172-2	11	0	17	9	91.66	cps
Ytterbium	176-1	2825	2792	3075	2898	5.35	cps
Ytterbium	176-2	4334	4306	4668	4436	4.53	cps
Yttrium	89-1	25538285	25497825	28053920	26363343	5.55	cps
Yttrium	89-2	3353227	3331170	3293566	3325988	0.91	cps
Zinc	66-2	17014	16950	16586	16850	1.37	cps
Zirconium	90-1	871659	876798	871614	873357	0.34	cps
Zirconium	91-1	193325	198711	194935	195657	1.41	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:31:08	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4354134	4301482	4313425	4323014	0.64	cps
Antimony	121-1	4462169	4497101	4523458	4494243	0.68	cps
Arsenic	75-2	155899	155851	155677	155809	0.08	cps
Barium	135-1	5796612	5900937	5870817	5856122	0.92	cps
Barium	137-1	9942116	10036511	10036074	10004901	0.54	cps
Beryllium	9-1	1085343	1098181	1090612	1091379	0.59	cps
Bismuth	209-1	5926004	5906127	5740037	5857390	1.74	cps
Bismuth	209-2	3553924	3413342	3379734	3449000	2.68	cps
Boron	10-1	106302	111185	114782	110756	3.84	cps
Boron	11-1	519081	537235	557387	537901	3.56	cps
Bromine	81-1	22411	22571	22280	22421	0.65	cps
Cadmium	111-1	1100275	1081516	1078729	1086840	1.08	cps
Cadmium	106-1	125258	129633	129596	128163	1.96	cps
Cadmium	108-1	84843	85555	86747	85715	1.12	cps
Calcium	43-1	8734947	8744179	8671301	8716809	0.46	cps
Calcium	44-1	144559940	144908757	141979573	143816090	1.11	cps
Carbon	12-1	6135922	6278931	6195490	6203448	1.16	cps
Carbon	12-2	83428	81006	82992	82476	1.57	cps
Chlorine	35-1	10691793	9978716	9292743	9987751	7.00	cps
Chlorine	35-2	71527	65950	63565	67014	6.10	cps
Chromium	52-2	1791986	1768176	1778333	1779498	0.67	cps
Cobalt	59-2	3016385	3027370	2958059	3000605	1.24	cps
Copper	63-2	22086957	22608660	22233052	22309556	1.21	cps
Dysprosium	156-1	900	800	867	856	5.95	cps
Dysprosium	156-2	373	357	377	369	2.90	cps
Erbium	164-1	242	158	108	169	39.75	cps
Erbium	164-2	73	77	77	76	2.55	cps
Gadolinium	160-1	892	800	775	822	7.47	cps
Gadolinium	160-2	413	413	470	432	7.57	cps
Holmium	165-1	11255394	11379766	10677995	11104385	3.37	cps
Holmium	165-2	5651758	5692340	5354587	5566228	3.31	cps
Indium	115-1	9733003	9998918	9694381	9808767	1.69	cps
Indium	115-2	1756780	1776124	1704228	1745710	2.13	cps
Iron	54-2	18608455	18670453	18373064	18550657	0.85	cps
Iron	56-2	333493285	336853263	330041118	333462556	1.02	cps
Iron	57-2	8450363	8574194	8363724	8462760	1.25	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:31:08	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1070	990	1052	5.28	cps
Lead	206-1	15115030	14806466	14886012	14935836	1.07	cps
Lead	207-1	12868899	12709965	13078112	12885658	1.43	cps
Lead	208-1	59943192	58923371	59916060	59594208	0.98	cps
Lithium	6-1	3207954	3449498	3266642	3308031	3.81	cps
Magnesium	24-2	62911812	62957851	62334276	62734647	0.55	cps
Manganese	55-2	8857850	9003374	8766057	8875761	1.35	cps
Molybdenum	94-1	11372657	11292224	11121355	11262079	1.14	cps
Molybdenum	95-1	13750803	13857859	13789437	13799366	0.39	cps
Molybdenum	96-1	15470751	15151818	15159626	15260732	1.19	cps
Molybdenum	97-1	8313065	8273834	8261910	8282936	0.32	cps
Molybdenum	98-1	21500382	21135491	21707234	21447703	1.35	cps
Neodymium	150-1	233	180	253	222	17.06	cps
Neodymium	150-2	60	43	23	42	43.49	cps
Nickel	60-2	780038	770978	783043	778020	0.81	cps
Phosphorus	31-2	49544	48307	48323	48725	1.46	cps
Potassium	39-2	26206292	26059206	25575565	25947021	1.27	cps
Rhodium	103-1	9408847	9407649	9245118	9353871	1.01	cps
Rhodium	103-2	4604358	4661837	4523985	4596727	1.51	cps
Scandium	45-1	7801012	8021890	7732087	7851663	1.93	cps
Scandium	45-2	290004	285545	277344	284298	2.26	cps
Selenium	82-1	85864	86532	87114	86503	0.72	cps
Selenium	77-2	3187	3397	3270	3285	3.22	cps
Selenium	78-2	10838	11123	10924	10962	1.33	cps
Silicon	28-1	3920796	3983808	3928195	3944266	0.87	cps
Silver	107-1	6035599	6259982	6072375	6122652	1.97	cps
Silver	109-1	5784677	5654035	5861664	5766792	1.82	cps
Sodium	23-2	120358907	118290586	119568515	119406003	0.87	cps
Strontium	86-1	17539406	17681966	17368322	17529898	0.90	cps
Strontium	88-1	152800812	151648491	148895295	151114866	1.33	cps
Sulfur	34-1	988615	968878	959673	972388	1.52	cps
Terbium	159-1	11460444	11637761	11594987	11564398	0.80	cps
Terbium	159-2	5529898	5466175	5416520	5470864	1.04	cps
Thallium	203-1	3743832	3658132	3622597	3674854	1.70	cps
Thallium	205-1	8562922	8610380	8516883	8563395	0.55	cps
Tin	118-1	3905072	3947317	3960024	3937471	0.73	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:31:08	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4315463	4314996	4299638	4310032	0.21	cps
Uranium	238-1	11129610	11223146	11182196	11178317	0.42	cps
Vanadium	51-2	1408838	1437521	1448235	1431531	1.42	cps
Ytterbium	172-1	117	75	100	97	21.57	cps
Ytterbium	172-2	50	44	67	54	21.53	cps
Ytterbium	176-1	17404	17746	17003	17384	2.14	cps
Ytterbium	176-2	12006	11739	11527	11757	2.04	cps
Yttrium	89-1	25413205	25851140	25354293	25539546	1.06	cps
Yttrium	89-2	3224434	3227713	3172198	3208115	0.97	cps
Zinc	66-2	2489203	2515817	2506883	2503968	0.54	cps
Zirconium	90-1	9616714	9509764	9506691	9544390	0.66	cps
Zirconium	91-1	2201748	2196784	2158148	2185560	1.09	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCB86 Instrumnet Name : P8
 Client Sample ID : CCB86 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:36:53 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	737	744	916	799	12.69	cps
Antimony	121-1	1375	1558	1467	1467	6.25	cps
Arsenic	75-2	26	39	33	33	19.92	cps
Barium	135-1	1108	1100	858	1022	13.89	cps
Barium	137-1	1917	1909	1450	1759	15.19	cps
Beryllium	9-1	298	246	262	269	9.91	cps
Bismuth	209-1	6274680	6183133	6377719	6278511	1.55	cps
Bismuth	209-2	3848313	3788154	3733494	3789987	1.52	cps
Boron	10-1	4572	4242	4232	4348	4.45	cps
Boron	11-1	21562	20384	20020	20655	3.90	cps
Bromine	81-1	21338	20717	22140	21398	3.33	cps
Cadmium	111-1	900	784	820	835	7.13	cps
Cadmium	106-1	6327	5668	5893	5963	5.61	cps
Cadmium	108-1	100	71	75	82	19.25	cps
Calcium	43-1	2637	2145	2000	2261	14.78	cps
Calcium	44-1	96452	91604	88500	92185	4.35	cps
Carbon	12-1	5117624	5080150	5026569	5074781	0.90	cps
Carbon	12-2	60902	60199	62441	61181	1.87	cps
Chlorine	35-1	3311398	3246199	3090146	3215914	3.54	cps
Chlorine	35-2	25540	24780	23720	24680	3.70	cps
Chromium	52-2	1170	1277	1240	1229	4.41	cps
Cobalt	59-2	317	337	467	373	21.82	cps
Copper	63-2	2917	2957	3454	3109	9.62	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	117	67	75	50.92	cps
Erbium	164-2	37	30	43	37	18.18	cps
Gadolinium	160-1	75	167	125	122	37.55	cps
Gadolinium	160-2	93	73	70	79	16.00	cps
Holmium	165-1	11200045	10483153	10884377	10855858	3.31	cps
Holmium	165-2	5658667	5625953	5674626	5653082	0.44	cps
Indium	115-1	10383316	10039862	10116286	10179821	1.77	cps
Indium	115-2	1912846	1896885	1855708	1888480	1.56	cps
Iron	54-2	2839	2778	3328	2982	10.11	cps
Iron	56-2	39635	40489	49053	43059	12.10	cps
Iron	57-2	1122	1061	1228	1137	7.42	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:36:53	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	970	1087	1014	6.22	cps
Lead	206-1	5335	4990	4645	4990	6.91	cps
Lead	207-1	4790	4295	3467	4184	15.97	cps
Lead	208-1	20996	19400	18078	19491	7.50	cps
Lithium	6-1	3518818	3413534	3327030	3419794	2.81	cps
Magnesium	24-2	6085	5918	7177	6393	10.69	cps
Manganese	55-2	880	740	991	870	14.44	cps
Molybdenum	94-1	2900	3000	2509	2803	9.27	cps
Molybdenum	95-1	3801	3184	2900	3295	13.97	cps
Molybdenum	96-1	4217	3526	3159	3634	14.79	cps
Molybdenum	97-1	2117	2117	1875	2036	6.85	cps
Molybdenum	98-1	6277	5251	4217	5248	19.62	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	190	173	233	199	15.57	cps
Phosphorus	31-2	175	158	183	172	7.39	cps
Potassium	39-2	30800	31201	32287	31429	2.45	cps
Rhodium	103-1	10041445	9831828	9907600	9926958	1.07	cps
Rhodium	103-2	5090603	5166828	4993760	5083731	1.71	cps
Scandium	45-1	7871073	7566211	7774640	7737308	2.01	cps
Scandium	45-2	286140	293317	287160	288872	1.34	cps
Selenium	82-1	3	27	-58	-9	-470.21	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	95	92	97	95	2.66	cps
Silicon	28-1	526488	525800	528495	526928	0.27	cps
Silver	107-1	650	767	658	692	9.41	cps
Silver	109-1	717	608	567	631	12.28	cps
Sodium	23-2	52220	53056	54612	53296	2.28	cps
Strontium	86-1	4693	4359	4076	4376	7.06	cps
Strontium	88-1	29449	24857	22736	25681	13.36	cps
Sulfur	34-1	412895	407889	404011	408265	1.09	cps
Terbium	159-1	11770745	11704725	11447335	11640935	1.47	cps
Terbium	159-2	5822678	5640357	5555830	5672955	2.40	cps
Thallium	203-1	1508	1692	1417	1539	9.10	cps
Thallium	205-1	4042	3426	3376	3614	10.28	cps
Tin	118-1	2950	2942	3034	2975	1.70	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:36:53	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1292	1108	1208	1203	7.63	cps
Uranium	238-1	2350	2225	1950	2175	9.41	cps
Vanadium	51-2	97	87	160	114	34.75	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	1533	1275	1233	1347	12.06	cps
Ytterbium	176-2	3384	3612	4001	3665	8.51	cps
Yttrium	89-1	26170902	24521564	25346792	25346419	3.25	cps
Yttrium	89-2	3318303	3317254	3190376	3275311	2.25	cps
Zinc	66-2	767	653	770	730	9.10	cps
Zirconium	90-1	3325	3092	2442	2953	15.50	cps
Zirconium	91-1	575	483	450	503	12.87	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : M4094-11A Instrumnet Name : P8
 Client Sample ID : MH1DA5A Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:48:22 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3002749	2965684	2958139	2975524	0.80	cps
Antimony	121-1	159107	163792	163404	162101	1.60	cps
Arsenic	75-2	15009	14930	14839	14926	0.57	cps
Barium	135-1	2093661	2153941	2165171	2137591	1.80	cps
Barium	137-1	3616823	3680831	3743126	3680260	1.72	cps
Beryllium	9-1	6148	6208	6772	6376	5.40	cps
Bismuth	209-1	6178188	6409557	6281227	6289658	1.84	cps
Bismuth	209-2	3893768	3807156	3887677	3862867	1.25	cps
Boron	10-1	11108	11258	11754	11374	2.97	cps
Boron	11-1	51885	54113	56728	54242	4.47	cps
Bromine	81-1	36696	37539	38241	37492	2.06	cps
Cadmium	111-1	36343	37091	37793	37075	1.96	cps
Cadmium	106-1	10346	10312	10946	10535	3.39	cps
Cadmium	108-1	2804	2913	2980	2899	3.05	cps
Calcium	43-1	4118847	4196096	4163359	4159434	0.93	cps
Calcium	44-1	67896098	69789064	68530556	68738573	1.40	cps
Carbon	12-1	10682870	10614258	10774340	10690489	0.75	cps
Carbon	12-2	131217	132234	134202	132551	1.14	cps
Chlorine	35-1	49333070	62089466	70332154	60584896	17.46	cps
Chlorine	35-2	752294	797789	832687	794257	5.08	cps
Chromium	52-2	210467	212560	212952	211993	0.63	cps
Cobalt	59-2	187883	184183	185145	185737	1.03	cps
Copper	63-2	1059944	1061912	1064865	1062241	0.23	cps
Dysprosium	156-1	119961	120014	117413	119129	1.25	cps
Dysprosium	156-2	57218	56713	55819	56584	1.25	cps
Erbium	164-1	101209	100933	100387	100843	0.41	cps
Erbium	164-2	49964	49699	49087	49583	0.91	cps
Gadolinium	160-1	111658	111296	110280	111078	0.64	cps
Gadolinium	160-2	63122	61957	61220	62099	1.54	cps
Holmium	165-1	11283810	11219435	11381321	11294856	0.72	cps
Holmium	165-2	5811556	5854853	5859951	5842120	0.46	cps
Indium	115-1	10359488	10286711	10604084	10416761	1.60	cps
Indium	115-2	1956998	1939454	1941522	1945991	0.49	cps
Iron	54-2	13117122	12965338	12946753	13009738	0.72	cps
Iron	56-2	238650389	234048227	235969605	236222740	0.98	cps
Iron	57-2	5879693	5919258	5928556	5909169	0.44	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4094-11A	Instrumnet Name :	P8
Client Sample ID :	MH1DA5A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:48:22	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1250	1230	1197	1226	2.20	cps
Lead	206-1	9166607	9017193	9475867	9219889	2.54	cps
Lead	207-1	7648547	7720832	7679827	7683068	0.47	cps
Lead	208-1	35867079	36416864	36565946	36283297	1.01	cps
Lithium	6-1	3488707	3362264	3554261	3468411	2.81	cps
Magnesium	24-2	4297311	4293169	4173480	4254653	1.65	cps
Manganese	55-2	3578295	3543375	3557385	3559685	0.49	cps
Molybdenum	94-1	39406	40719	43954	41360	5.66	cps
Molybdenum	95-1	28363	29290	34577	30743	10.90	cps
Molybdenum	96-1	37593	38162	45316	40357	10.66	cps
Molybdenum	97-1	17378	17470	21693	18847	13.08	cps
Molybdenum	98-1	43962	43594	54098	47218	12.62	cps
Neodymium	150-1	200625	203830	206318	203591	1.40	cps
Neodymium	150-2	77992	77586	77453	77677	0.36	cps
Nickel	60-2	129319	130079	129382	129593	0.33	cps
Phosphorus	31-2	31969	31844	31134	31649	1.42	cps
Potassium	39-2	2204118	2179583	2163519	2182407	0.94	cps
Rhodium	103-1	10153707	10086220	10230317	10156748	0.71	cps
Rhodium	103-2	5210480	5233041	5236367	5226629	0.27	cps
Scandium	45-1	8341531	8257266	8342639	8313812	0.59	cps
Scandium	45-2	321680	319470	321140	320763	0.36	cps
Selenium	82-1	640	619	693	651	5.81	cps
Selenium	77-2	410	373	427	403	6.77	cps
Selenium	78-2	381	395	399	392	2.41	cps
Silicon	28-1	39611255	39405381	38867614	39294750	0.98	cps
Silver	107-1	42976	43678	42499	43051	1.38	cps
Silver	109-1	41455	41856	42349	41887	1.07	cps
Sodium	23-2	468235	462201	454869	461768	1.45	cps
Strontium	86-1	1486821	1478175	1540872	1501956	2.26	cps
Strontium	88-1	12879094	12740253	13142725	12920691	1.58	cps
Sulfur	34-1	503817	509219	504934	505990	0.56	cps
Terbium	159-1	12172053	12087411	11953520	12070995	0.91	cps
Terbium	159-2	5829029	5996332	5756746	5860702	2.10	cps
Thallium	203-1	7661	7711	9329	8233	11.52	cps
Thallium	205-1	17913	17846	22161	19307	12.81	cps
Tin	118-1	173331	174082	171211	172875	0.86	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4094-11A	Instrumnet Name :	P8
Client Sample ID :	MH1DA5A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:48:22	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	808456	808181	812347	809661	0.29	cps
Uranium	238-1	116297	119250	122985	119511	2.80	cps
Vanadium	51-2	442679	440801	437135	440205	0.64	cps
Ytterbium	172-1	27195	28456	29584	28412	4.21	cps
Ytterbium	172-2	16366	16294	15793	16151	1.93	cps
Ytterbium	176-1	18956	19707	19139	19267	2.03	cps
Ytterbium	176-2	14058	14492	14130	14226	1.63	cps
Yttrium	89-1	28398156	28306615	28769022	28491265	0.86	cps
Yttrium	89-2	3726938	3823320	3770302	3773520	1.28	cps
Zinc	66-2	1245293	1226837	1236339	1236156	0.75	cps
Zirconium	90-1	64156	65312	67900	65789	2.91	cps
Zirconium	91-1	14449	14383	15384	14739	3.80	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCV87 Instrumnet Name : P8
 Client Sample ID : CCV87 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:51:44 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4426718	4505892	4393163	4441924	1.30	cps
Antimony	121-1	4266123	4289382	4366474	4307326	1.22	cps
Arsenic	75-2	163465	163139	162606	163070	0.27	cps
Barium	135-1	5587027	5562680	5683901	5611203	1.14	cps
Barium	137-1	9732876	9848054	9737949	9772960	0.67	cps
Beryllium	9-1	1094392	1120873	1079815	1098360	1.90	cps
Bismuth	209-1	5940526	5707671	5781217	5809805	2.05	cps
Bismuth	209-2	3465163	3571782	3532616	3523187	1.53	cps
Boron	10-1	104119	113281	115928	111109	5.58	cps
Boron	11-1	523458	548283	553838	541860	2.99	cps
Bromine	81-1	22070	23113	22120	22434	2.62	cps
Cadmium	111-1	1032106	1055980	1031421	1039836	1.34	cps
Cadmium	106-1	122962	125535	125873	124790	1.28	cps
Cadmium	108-1	83241	83053	83866	83386	0.51	cps
Calcium	43-1	8345391	8556049	8585393	8495611	1.54	cps
Calcium	44-1	137965675	143244555	140896263	140702164	1.88	cps
Carbon	12-1	6959518	7169651	7405504	7178224	3.11	cps
Carbon	12-2	92693	89136	89766	90532	2.10	cps
Chlorine	35-1	17749116	17298748	16728731	17258865	2.96	cps
Chlorine	35-2	127214	116979	109580	117924	7.51	cps
Chromium	52-2	1804818	1779577	1742845	1775746	1.75	cps
Cobalt	59-2	3010290	2952740	2985463	2982831	0.97	cps
Copper	63-2	23120822	23302031	22739740	23054198	1.24	cps
Dysprosium	156-1	775	817	1042	878	16.34	cps
Dysprosium	156-2	393	433	383	403	6.56	cps
Erbium	164-1	200	183	158	181	11.62	cps
Erbium	164-2	93	103	103	100	5.78	cps
Gadolinium	160-1	792	700	692	728	7.62	cps
Gadolinium	160-2	477	443	577	499	13.91	cps
Holmium	165-1	11078351	11283484	10838922	11066919	2.01	cps
Holmium	165-2	5675753	5652257	5813902	5713970	1.53	cps
Indium	115-1	9859842	9919640	9731737	9837073	0.98	cps
Indium	115-2	1836256	1801315	1845213	1827595	1.27	cps
Iron	54-2	18866946	18557919	18461793	18628886	1.14	cps
Iron	56-2	339680874	335403208	335461474	336848519	0.73	cps
Iron	57-2	8609727	8496170	8355954	8487284	1.50	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCV87 Instrumnet Name : P8
 Client Sample ID : CCV87 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:51:44 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	977	1027	1008	2.69	cps
Lead	206-1	14659378	14721218	14861530	14747375	0.70	cps
Lead	207-1	12794019	12657484	12645990	12699165	0.65	cps
Lead	208-1	58904377	58176313	58213312	58431334	0.70	cps
Lithium	6-1	3339133	3387659	3343275	3356689	0.80	cps
Magnesium	24-2	62380312	63423710	62488908	62764310	0.91	cps
Manganese	55-2	8951059	8744662	8759363	8818361	1.31	cps
Molybdenum	94-1	11285438	10940626	11179039	11135034	1.59	cps
Molybdenum	95-1	13498109	13338308	13763322	13533246	1.59	cps
Molybdenum	96-1	15078236	14918566	15055539	15017447	0.58	cps
Molybdenum	97-1	8126501	8156832	8350374	8211236	1.48	cps
Molybdenum	98-1	21097187	21132827	21096667	21108894	0.10	cps
Neodymium	150-1	260	207	267	244	13.45	cps
Neodymium	150-2	47	40	20	36	39.03	cps
Nickel	60-2	793000	793089	793755	793281	0.05	cps
Phosphorus	31-2	48515	48139	47880	48178	0.66	cps
Potassium	39-2	26529935	26179912	26252666	26320838	0.70	cps
Rhodium	103-1	9229132	9505962	9376738	9370610	1.48	cps
Rhodium	103-2	4802245	4810173	4736907	4783108	0.84	cps
Scandium	45-1	7927352	7786963	7757869	7824061	1.16	cps
Scandium	45-2	295944	293639	294899	294828	0.39	cps
Selenium	82-1	89318	90375	90526	90073	0.73	cps
Selenium	77-2	3464	3500	3654	3539	2.85	cps
Selenium	78-2	11658	11687	11802	11716	0.65	cps
Silicon	28-1	4057864	4194203	4300434	4184167	2.91	cps
Silver	107-1	6297100	6308674	6144019	6249931	1.47	cps
Silver	109-1	5758190	5989795	5967737	5905241	2.16	cps
Sodium	23-2	123564386	120412074	122017007	121997822	1.29	cps
Strontium	86-1	17303437	17189975	17165834	17219749	0.43	cps
Strontium	88-1	148767720	149568070	151123533	149819774	0.80	cps
Sulfur	34-1	1004349	892432	896757	931180	6.81	cps
Terbium	159-1	11290181	11407878	11427171	11375077	0.65	cps
Terbium	159-2	5578695	5515902	5600301	5564966	0.79	cps
Thallium	203-1	3574857	3641673	3637188	3617906	1.03	cps
Thallium	205-1	8291323	8411489	8479197	8394003	1.13	cps
Tin	118-1	3901874	3795886	3921659	3873140	1.75	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:51:44	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4282631	4288653	4349972	4307086	0.87	cps
Uranium	238-1	11092570	10860023	11115019	11022537	1.28	cps
Vanadium	51-2	1447971	1433878	1430069	1437306	0.66	cps
Ytterbium	172-1	58	133	108	100	38.19	cps
Ytterbium	172-2	67	67	78	70	9.11	cps
Ytterbium	176-1	16861	17354	17195	17137	1.47	cps
Ytterbium	176-2	11266	12261	11533	11687	4.41	cps
Yttrium	89-1	24582745	25081946	24972640	24879110	1.05	cps
Yttrium	89-2	3283062	3326643	3304753	3304819	0.66	cps
Zinc	66-2	2625657	2585950	2656204	2622604	1.34	cps
Zirconium	90-1	9283636	9300614	9298428	9294226	0.10	cps
Zirconium	91-1	2167932	2164370	2132799	2155034	0.90	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P8
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 12:57:53 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1260	1044	1114	1139	9.69	cps
Antimony	121-1	1133	1017	1275	1142	11.33	cps
Arsenic	75-2	29	31	21	27	19.60	cps
Barium	135-1	750	908	817	825	9.64	cps
Barium	137-1	1583	1659	1508	1583	4.74	cps
Beryllium	9-1	244	264	272	260	5.55	cps
Bismuth	209-1	6496844	6372208	6324636	6397896	1.39	cps
Bismuth	209-2	3798424	3832032	3810625	3813694	0.45	cps
Boron	10-1	4202	4220	3974	4132	3.32	cps
Boron	11-1	20985	20588	19305	20293	4.33	cps
Bromine	81-1	21439	21238	20696	21124	1.82	cps
Cadmium	111-1	842	811	808	820	2.28	cps
Cadmium	106-1	6060	5768	5951	5926	2.49	cps
Cadmium	108-1	92	46	83	74	33.17	cps
Calcium	43-1	2071	2064	1941	2025	3.60	cps
Calcium	44-1	86651	86716	86719	86695	0.04	cps
Carbon	12-1	5192419	5240428	5150276	5194374	0.87	cps
Carbon	12-2	61095	60893	61035	61008	0.17	cps
Chlorine	35-1	5912541	5478014	5194898	5528484	6.54	cps
Chlorine	35-2	40198	39496	35920	38538	5.95	cps
Chromium	52-2	1350	1220	1373	1315	6.29	cps
Cobalt	59-2	577	497	587	553	8.92	cps
Copper	63-2	4764	4341	4244	4450	6.22	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	42	108	64	60.24	cps
Erbium	164-2	30	47	53	43	27.73	cps
Gadolinium	160-1	75	158	117	117	35.72	cps
Gadolinium	160-2	50	53	67	57	15.57	cps
Holmium	165-1	10980369	11034596	10932454	10982473	0.47	cps
Holmium	165-2	5610640	5697771	5622998	5643803	0.84	cps
Indium	115-1	10390405	10462607	10045791	10299601	2.16	cps
Indium	115-2	1819309	1920900	1903989	1881399	2.89	cps
Iron	54-2	4440	4067	4017	4175	5.53	cps
Iron	56-2	70462	66904	63470	66945	5.22	cps
Iron	57-2	1800	1756	1545	1700	8.03	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:57:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	1027	973	1001	2.67	cps
Lead	206-1	4768	4795	4362	4642	5.23	cps
Lead	207-1	3873	3817	4023	3904	2.72	cps
Lead	208-1	18567	18278	18556	18467	0.89	cps
Lithium	6-1	3310838	3378687	3344913	3344813	1.01	cps
Magnesium	24-2	11438	9303	9504	10082	11.70	cps
Manganese	55-2	1415	1390	1395	1400	0.95	cps
Molybdenum	94-1	2859	2742	2250	2617	12.34	cps
Molybdenum	95-1	2717	2742	3050	2836	6.55	cps
Molybdenum	96-1	3317	3125	3034	3159	4.58	cps
Molybdenum	97-1	1525	1658	1517	1567	5.07	cps
Molybdenum	98-1	4559	4076	4743	4459	7.73	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	267	233	233	244	7.87	cps
Phosphorus	31-2	217	217	158	197	17.08	cps
Potassium	39-2	31702	32888	31544	32045	2.29	cps
Rhodium	103-1	10046152	10156599	10041205	10081319	0.65	cps
Rhodium	103-2	5002827	5172936	5101140	5092301	1.68	cps
Scandium	45-1	7936924	8023321	7778388	7912878	1.57	cps
Scandium	45-2	291555	294082	288863	291500	0.90	cps
Selenium	82-1	57	-16	77	39	124.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	92	94	123	103	16.84	cps
Silicon	28-1	530817	528765	530885	530156	0.23	cps
Silver	107-1	800	758	725	761	4.94	cps
Silver	109-1	433	442	600	492	19.10	cps
Sodium	23-2	64109	58636	59398	60714	4.88	cps
Strontium	86-1	3851	4259	3709	3940	7.25	cps
Strontium	88-1	22387	23772	22403	22854	3.48	cps
Sulfur	34-1	409071	415931	412704	412569	0.83	cps
Terbium	159-1	11554642	11448694	11477743	11493693	0.48	cps
Terbium	159-2	5654263	5663423	5662219	5659968	0.09	cps
Thallium	203-1	1342	1642	1308	1431	12.83	cps
Thallium	205-1	3551	3426	3476	3484	1.81	cps
Tin	118-1	3200	2967	2892	3020	5.33	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 12:57:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1325	917	1067	1103	18.73	cps
Uranium	238-1	1850	1684	1817	1784	4.95	cps
Vanadium	51-2	270	250	227	249	8.72	cps
Ytterbium	172-1	50	58	50	53	9.12	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	1317	1292	1175	1261	6.00	cps
Ytterbium	176-2	3017	3840	3834	3564	13.28	cps
Yttrium	89-1	25454241	25346479	25351167	25383962	0.24	cps
Yttrium	89-2	3304320	3337263	3265717	3302433	1.08	cps
Zinc	66-2	1163	993	857	1004	15.30	cps
Zirconium	90-1	2559	2275	2850	2561	11.23	cps
Zirconium	91-1	467	608	408	494	20.80	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 13:18:34 DataFile Name : 036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1999	2046	2047	2031	1.37	cps
Antimony	121-1	17236	16377	16719	16777	2.58	cps
Arsenic	75-2	302	332	301	312	5.65	cps
Barium	135-1	20758	21868	21626	21417	2.73	cps
Barium	137-1	37193	37244	35857	36765	2.14	cps
Beryllium	9-1	2142	2126	2110	2126	0.75	cps
Bismuth	209-1	6082420	6212293	6147366	6147360	1.06	cps
Bismuth	209-2	3815001	3844588	3814331	3824640	0.45	cps
Boron	10-1	6096	6224	6692	6337	4.95	cps
Boron	11-1	29500	31662	32022	31061	4.39	cps
Bromine	81-1	23875	23113	23323	23437	1.68	cps
Cadmium	111-1	2721	2756	2545	2674	4.24	cps
Cadmium	106-1	6493	6093	5993	6193	4.27	cps
Cadmium	108-1	183	225	192	200	11.02	cps
Calcium	43-1	16897	16730	16547	16725	1.04	cps
Calcium	44-1	333783	332002	324692	330159	1.46	cps
Carbon	12-1	5381696	5328424	5262162	5324094	1.12	cps
Carbon	12-2	64383	62383	61973	62913	2.05	cps
Chlorine	35-1	1447112	1418104	1368669	1411295	2.81	cps
Chlorine	35-2	11788	10746	10679	11071	5.62	cps
Chromium	52-2	8049	7806	7635	7830	2.65	cps
Cobalt	59-2	5858	5731	5878	5822	1.37	cps
Copper	63-2	9503	9313	9557	9458	1.35	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	58	33	53	32.88	cps
Erbium	164-2	13	33	27	24	41.66	cps
Gadolinium	160-1	42	67	133	81	58.82	cps
Gadolinium	160-2	70	70	53	64	14.93	cps
Holmium	165-1	10769682	10984601	10621742	10792008	1.69	cps
Holmium	165-2	5553896	5686707	5731722	5657441	1.63	cps
Indium	115-1	10241456	10139234	9847995	10076228	2.03	cps
Indium	115-2	1949652	1896108	1909591	1918450	1.45	cps
Iron	54-2	8603	8475	8864	8647	2.29	cps
Iron	56-2	144530	144474	144653	144552	0.06	cps
Iron	57-2	3489	4051	3556	3699	8.29	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:18:34	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	903	1070	1022	10.14	cps
Lead	206-1	8308	8147	7747	8067	3.58	cps
Lead	207-1	6880	7197	6652	6909	3.96	cps
Lead	208-1	32021	32083	30064	31389	3.66	cps
Lithium	6-1	3379563	3453056	3250240	3360953	3.06	cps
Magnesium	24-2	118749	119942	121515	120069	1.16	cps
Manganese	55-2	1956	1929	2029	1972	2.63	cps
Molybdenum	94-1	22026	21250	20741	21339	3.03	cps
Molybdenum	95-1	26159	26384	25182	25908	2.47	cps
Molybdenum	96-1	29115	28973	27845	28644	2.43	cps
Molybdenum	97-1	15868	16327	16110	16101	1.43	cps
Molybdenum	98-1	40393	40092	41438	40641	1.74	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1773	1723	1697	1731	2.25	cps
Phosphorus	31-2	125	183	175	161	19.58	cps
Potassium	39-2	123534	125889	123828	124417	1.03	cps
Rhodium	103-1	10218918	10100990	9883809	10067906	1.69	cps
Rhodium	103-2	5137178	5200696	5117085	5151653	0.85	cps
Scandium	45-1	7935029	7800787	7732452	7822756	1.32	cps
Scandium	45-2	295183	300828	299547	298519	0.99	cps
Selenium	82-1	786	1013	751	850	16.77	cps
Selenium	77-2	30	20	33	28	24.98	cps
Selenium	78-2	226	196	229	217	8.41	cps
Silicon	28-1	610919	611567	607160	609882	0.39	cps
Silver	107-1	11730	11088	11889	11569	3.66	cps
Silver	109-1	10671	10796	10404	10624	1.88	cps
Sodium	23-2	264146	265115	263082	264114	0.38	cps
Strontium	86-1	6093	6485	5618	6065	7.16	cps
Strontium	88-1	40702	38362	33224	37429	10.22	cps
Sulfur	34-1	445858	443947	447439	445748	0.39	cps
Terbium	159-1	11451287	11671996	11378721	11500668	1.33	cps
Terbium	159-2	5517271	5664153	5755524	5645649	2.13	cps
Thallium	203-1	7627	7828	7261	7572	3.80	cps
Thallium	205-1	17829	17838	17788	17818	0.15	cps
Tin	118-1	39391	37644	38112	38382	2.36	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:18:34	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9195	8269	8928	8797	5.42	cps
Uranium	238-1	20292	20000	19315	19869	2.52	cps
Vanadium	51-2	13446	13767	13340	13518	1.64	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	11	11	33	19	69.28	cps
Ytterbium	176-1	1183	1217	1217	1206	1.60	cps
Ytterbium	176-2	3156	3528	3528	3404	6.31	cps
Yttrium	89-1	25934445	25419373	24754141	25369320	2.33	cps
Yttrium	89-2	3348150	3417948	3322032	3362710	1.47	cps
Zinc	66-2	1720	1650	1803	1725	4.45	cps
Zirconium	90-1	18738	17895	17803	18146	2.84	cps
Zirconium	91-1	3967	3801	4034	3934	3.06	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:23:39	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1315	1272	1381	1323	4.14	cps
Antimony	121-1	7452	7352	7694	7499	2.34	cps
Arsenic	75-2	507	451	489	482	5.93	cps
Barium	135-1	132561	136763	134018	134447	1.59	cps
Barium	137-1	233944	237039	233232	234738	0.86	cps
Beryllium	9-1	62	72	94	76	21.54	cps
Bismuth	209-1	6193472	6194097	6410788	6266119	2.00	cps
Bismuth	209-2	3597348	3748337	3850777	3732154	3.42	cps
Boron	10-1	80419	87474	91073	86322	6.28	cps
Boron	11-1	409385	438999	449951	432778	4.85	cps
Bromine	81-1	136975	160582	184760	160773	14.86	cps
Cadmium	111-1	656	621	684	654	4.80	cps
Cadmium	106-1	6268	5510	6502	6093	8.51	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Calcium	43-1	3937072	3942282	3868594	3915982	1.05	cps
Calcium	44-1	63666411	64653627	64742710	64354249	0.93	cps
Carbon	12-1	13746589	14866615	15524401	14712535	6.11	cps
Carbon	12-2	198971	203160	205108	202413	1.55	cps
Chlorine	35-1	2063795	2149326	2189718	2134280	3.01	cps
Chlorine	35-2	20073	20732	20991	20598	2.30	cps
Chromium	52-2	5084	5041	4981	5035	1.03	cps
Cobalt	59-2	4744	5008	5111	4954	3.82	cps
Copper	63-2	53995	55066	55822	54961	1.67	cps
Dysprosium	156-1	133	167	133	144	13.32	cps
Dysprosium	156-2	73	70	93	79	16.00	cps
Erbium	164-1	275	233	333	281	17.91	cps
Erbium	164-2	127	137	127	130	4.44	cps
Gadolinium	160-1	300	208	258	256	17.96	cps
Gadolinium	160-2	90	143	187	140	34.59	cps
Holmium	165-1	11238970	11167940	11004986	11137299	1.08	cps
Holmium	165-2	5506128	5853117	5976083	5778443	4.22	cps
Indium	115-1	10428072	10220849	10476537	10375153	1.31	cps
Indium	115-2	1757094	1918500	2001482	1892359	6.57	cps
Iron	54-2	45913	44274	44692	44960	1.89	cps
Iron	56-2	823952	809188	807334	813491	1.12	cps
Iron	57-2	23447	23052	23225	23241	0.85	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:23:39	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	983	1040	1004	3.08	cps
Lead	206-1	2606	2617	2523	2582	2.00	cps
Lead	207-1	2078	2006	2122	2069	2.85	cps
Lead	208-1	9752	9796	9796	9781	0.26	cps
Lithium	6-1	3377716	3369808	3352624	3366716	0.38	cps
Magnesium	24-2	1975843	2003757	1986210	1988603	0.71	cps
Manganese	55-2	1207662	1207623	1190142	1201809	0.84	cps
Molybdenum	94-1	8645	8069	7727	8147	5.69	cps
Molybdenum	95-1	11372	10713	10971	11019	3.01	cps
Molybdenum	96-1	11981	12097	12431	12170	1.92	cps
Molybdenum	97-1	6727	7636	7110	7158	6.37	cps
Molybdenum	98-1	17687	17470	17653	17603	0.66	cps
Neodymium	150-1	153	133	60	116	42.53	cps
Neodymium	150-2	53	20	23	32	56.98	cps
Nickel	60-2	25613	23827	24732	24724	3.61	cps
Phosphorus	31-2	2267	2134	2284	2228	3.69	cps
Potassium	39-2	2567779	2559549	2583985	2570438	0.48	cps
Rhodium	103-1	10143421	10065167	10010619	10073069	0.66	cps
Rhodium	103-2	4813621	5096589	5130492	5013568	3.47	cps
Scandium	45-1	7941218	8015560	8250768	8069182	2.00	cps
Scandium	45-2	282698	298968	306224	295963	4.07	cps
Selenium	82-1	103	89	60	84	26.26	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	113	118	88	106	15.11	cps
Silicon	28-1	44901309	43639917	43260650	43933959	1.96	cps
Silver	107-1	283	292	267	281	4.54	cps
Silver	109-1	175	225	217	206	13.03	cps
Sodium	23-2	23583310	23568783	23493524	23548539	0.20	cps
Strontium	86-1	1472515	1498432	1464977	1478641	1.19	cps
Strontium	88-1	12718198	12802985	12618964	12713382	0.72	cps
Sulfur	34-1	2941813	2892585	2829504	2887968	1.95	cps
Terbium	159-1	11849222	12040610	11854046	11914626	0.92	cps
Terbium	159-2	5479222	5689884	5889158	5686088	3.61	cps
Thallium	203-1	475	542	450	489	9.69	cps
Thallium	205-1	1242	1408	1025	1225	15.69	cps
Tin	118-1	2342	2167	2334	2281	4.33	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:23:39	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1742	1909	1809	1820	4.61	cps
Uranium	238-1	3309	3792	3209	3437	9.08	cps
Vanadium	51-2	3567	3484	3497	3516	1.27	cps
Ytterbium	172-1	367	392	342	367	6.82	cps
Ytterbium	172-2	322	239	244	269	17.35	cps
Ytterbium	176-1	1467	1525	1633	1542	5.49	cps
Ytterbium	176-2	3123	3851	3995	3656	12.79	cps
Yttrium	89-1	26171890	26529432	26104935	26268752	0.87	cps
Yttrium	89-2	3191158	3374235	3415301	3326898	3.59	cps
Zinc	66-2	12279	11498	11762	11846	3.35	cps
Zirconium	90-1	3701	3692	3834	3742	2.13	cps
Zirconium	91-1	775	717	700	731	5.39	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : M4154-06LX5 Instrumnet Name : P8
 Client Sample ID : SW-CB-32L Dilution Factor : 5
 Date & Time Acquired :: 2021-10-12 13:29:29 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	492	436	482	8.63	cps
Antimony	121-1	1692	1508	1333	1511	11.86	cps
Arsenic	75-2	84	94	97	92	7.42	cps
Barium	135-1	26117	26919	25491	26176	2.73	cps
Barium	137-1	45954	43337	45193	44828	3.00	cps
Beryllium	9-1	40	56	42	46	18.96	cps
Bismuth	209-1	6294596	6381980	5748774	6141783	5.59	cps
Bismuth	209-2	3838832	3909675	3867887	3872131	0.92	cps
Boron	10-1	24728	25830	25319	25292	2.18	cps
Boron	11-1	125851	125199	124649	125233	0.48	cps
Bromine	81-1	76174	77040	76334	76516	0.60	cps
Cadmium	111-1	646	666	581	631	6.97	cps
Cadmium	106-1	5801	6443	5693	5979	6.78	cps
Cadmium	108-1	38	29	54	40	31.60	cps
Calcium	43-1	712173	711338	710490	711334	0.12	cps
Calcium	44-1	12261281	12232146	12088824	12194084	0.76	cps
Carbon	12-1	8216224	8371084	8496783	8361363	1.68	cps
Carbon	12-2	100240	100266	96541	99016	2.16	cps
Chlorine	35-1	2058023	2039989	1956665	2018226	2.68	cps
Chlorine	35-2	15892	15334	15609	15612	1.79	cps
Chromium	52-2	1960	1897	1747	1868	5.87	cps
Cobalt	59-2	983	940	947	957	2.44	cps
Copper	63-2	11675	11795	11738	11736	0.51	cps
Dysprosium	156-1	67	17	17	33	86.59	cps
Dysprosium	156-2	33	27	17	26	32.81	cps
Erbium	164-1	108	150	108	122	19.68	cps
Erbium	164-2	50	77	43	57	31.13	cps
Gadolinium	160-1	117	75	117	103	23.41	cps
Gadolinium	160-2	80	97	107	94	14.27	cps
Holmium	165-1	10937049	11278510	9867480	10694347	6.88	cps
Holmium	165-2	5730484	5938345	5742749	5803859	2.01	cps
Indium	115-1	10478189	10844879	9280736	10201268	8.02	cps
Indium	115-2	1915003	2017261	1934288	1955517	2.78	cps
Iron	54-2	9281	9526	9748	9518	2.45	cps
Iron	56-2	164762	165346	163324	164478	0.63	cps
Iron	57-2	4923	4517	4618	4686	4.51	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 13:29:29	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	927	1190	1068	12.43	cps
Lead	206-1	2095	2117	1772	1995	9.67	cps
Lead	207-1	1567	1717	1872	1719	8.89	cps
Lead	208-1	7423	7734	7862	7673	2.94	cps
Lithium	6-1	3431136	3443666	2963936	3279579	8.34	cps
Magnesium	24-2	369007	372404	363841	368417	1.17	cps
Manganese	55-2	232120	230533	230803	231152	0.37	cps
Molybdenum	94-1	1867	2050	1859	1925	5.63	cps
Molybdenum	95-1	2575	2409	2392	2459	4.12	cps
Molybdenum	96-1	2684	2942	2717	2781	5.05	cps
Molybdenum	97-1	1392	1467	1192	1350	10.53	cps
Molybdenum	98-1	3892	3967	3759	3873	2.73	cps
Neodymium	150-1	33	7	40	27	66.13	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	5038	5011	4991	5013	0.47	cps
Phosphorus	31-2	550	533	508	531	3.95	cps
Potassium	39-2	495962	502259	494307	497509	0.84	cps
Rhodium	103-1	10099707	10351582	8878362	9776550	8.06	cps
Rhodium	103-2	5160702	5260626	5137371	5186233	1.26	cps
Scandium	45-1	8165942	8306345	7045088	7839125	8.82	cps
Scandium	45-2	298441	304270	299227	300646	1.05	cps
Selenium	82-1	-12	91	14	31	172.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	100	102	88	97	7.83	cps
Silicon	28-1	8758217	9039862	8685150	8827743	2.12	cps
Silver	107-1	225	175	192	197	12.91	cps
Silver	109-1	208	158	125	164	25.59	cps
Sodium	23-2	4583088	4731776	4463537	4592800	2.93	cps
Strontium	86-1	278734	279124	274193	277350	0.99	cps
Strontium	88-1	2494095	2488146	2461735	2481325	0.69	cps
Sulfur	34-1	937685	948767	909189	931880	2.19	cps
Terbium	159-1	11964001	12197674	10277899	11479858	9.12	cps
Terbium	159-2	5835671	5948429	5739155	5841085	1.79	cps
Thallium	203-1	267	492	333	364	31.76	cps
Thallium	205-1	942	917	925	928	1.37	cps
Tin	118-1	2517	2142	2600	2420	10.09	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 13:29:29	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	717	617	586	25.29	cps
Uranium	238-1	867	783	667	772	13.01	cps
Vanadium	51-2	683	707	667	686	2.93	cps
Ytterbium	172-1	92	167	108	122	32.22	cps
Ytterbium	172-2	67	56	50	57	14.78	cps
Ytterbium	176-1	1558	1617	1208	1461	15.12	cps
Ytterbium	176-2	3250	3401	3428	3360	2.85	cps
Yttrium	89-1	26160524	26605006	22886450	25217327	8.05	cps
Yttrium	89-2	3343439	3466322	3328957	3379573	2.23	cps
Zinc	66-2	3534	3280	3320	3378	4.03	cps
Zirconium	90-1	1742	1692	1433	1622	10.20	cps
Zirconium	91-1	292	267	233	264	11.09	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:32:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	852033	838825	844170	845009	0.79	cps
Antimony	121-1	4507305	4547522	4603158	4552661	1.06	cps
Arsenic	75-2	169571	166371	167864	167935	0.95	cps
Barium	135-1	5795677	5896824	5836319	5842940	0.87	cps
Barium	137-1	10030546	10109074	10285287	10141636	1.29	cps
Beryllium	9-1	1121392	1125297	1117487	1121392	0.35	cps
Bismuth	209-1	6331066	6215479	6195153	6247233	1.17	cps
Bismuth	209-2	3779875	3865068	3701937	3782293	2.16	cps
Boron	10-1	182687	190259	196094	189680	3.54	cps
Boron	11-1	823781	888659	898328	870256	4.66	cps
Bromine	81-1	139349	154459	170263	154690	9.99	cps
Cadmium	111-1	1098181	1111241	1107087	1105503	0.60	cps
Cadmium	106-1	132129	133420	131912	132487	0.62	cps
Cadmium	108-1	86758	87043	87249	87017	0.28	cps
Calcium	43-1	5276343	5234555	5146412	5219103	1.27	cps
Calcium	44-1	86736041	87039995	85337768	86371268	1.05	cps
Carbon	12-1	13008037	14056301	15130197	14064845	7.54	cps
Carbon	12-2	190077	192785	193083	191982	0.86	cps
Chlorine	35-1	2302108	2365781	2467743	2378544	3.51	cps
Chlorine	35-2	22635	22000	22393	22343	1.43	cps
Chromium	52-2	1838325	1785669	1784523	1802839	1.70	cps
Cobalt	59-2	3095393	3119741	3069095	3094743	0.82	cps
Copper	63-2	25541621	25010953	24824010	25125528	1.48	cps
Dysprosium	156-1	317	417	325	353	15.73	cps
Dysprosium	156-2	183	163	157	168	8.27	cps
Erbium	164-1	342	358	425	375	11.76	cps
Erbium	164-2	150	163	163	159	4.85	cps
Gadolinium	160-1	333	317	383	344	10.07	cps
Gadolinium	160-2	217	197	247	220	11.44	cps
Holmium	165-1	11350500	11072942	11325539	11249660	1.36	cps
Holmium	165-2	5896211	6019380	5839485	5918359	1.55	cps
Indium	115-1	10268033	10164404	10314081	10248839	0.75	cps
Indium	115-2	1930342	1865385	1824411	1873379	2.85	cps
Iron	54-2	3920265	3901104	3826349	3882573	1.28	cps
Iron	56-2	70582802	69749061	68904897	69745587	1.20	cps
Iron	57-2	1789715	1791341	1767900	1782985	0.73	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:32:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	1130	1020	1051	6.55	cps
Lead	206-1	15222515	15502484	15422621	15382540	0.94	cps
Lead	207-1	13018480	13496480	13184035	13232998	1.83	cps
Lead	208-1	60884814	61094520	61351996	61110443	0.38	cps
Lithium	6-1	3497931	3454193	3447401	3466508	0.79	cps
Magnesium	24-2	14605189	14135356	14180290	14306945	1.81	cps
Manganese	55-2	11029532	10965550	10856903	10950662	0.80	cps
Molybdenum	94-1	11019337	11047534	11080287	11049053	0.28	cps
Molybdenum	95-1	13385496	13437114	13515911	13446174	0.49	cps
Molybdenum	96-1	14793824	14819177	14728991	14780664	0.31	cps
Molybdenum	97-1	8170197	8011948	8039318	8073821	1.05	cps
Molybdenum	98-1	21010103	21014180	21051607	21025296	0.11	cps
Neodymium	150-1	307	347	353	336	7.52	cps
Neodymium	150-2	30	90	43	54	57.87	cps
Nickel	60-2	838884	831878	822557	831106	0.99	cps
Phosphorus	31-2	2034	2017	1900	1984	3.66	cps
Potassium	39-2	7604742	7397986	7318505	7440411	1.99	cps
Rhodium	103-1	9877801	9955096	9751573	9861490	1.04	cps
Rhodium	103-2	5108736	5088643	4856241	5017873	2.80	cps
Scandium	45-1	8086927	8018816	7960881	8022208	0.79	cps
Scandium	45-2	303741	299068	292298	298369	1.93	cps
Selenium	82-1	91010	91203	91274	91162	0.15	cps
Selenium	77-2	3651	3447	3477	3525	3.11	cps
Selenium	78-2	11720	11631	11833	11728	0.86	cps
Silicon	28-1	43583019	44637362	45363959	44528113	2.01	cps
Silver	107-1	6045265	5067000	4886360	5332875	11.69	cps
Silver	109-1	5679949	5133603	4697903	5170485	9.52	cps
Sodium	23-2	46054851	45159386	45181449	45465229	1.12	cps
Strontium	86-1	3217306	3179425	3121345	3172692	1.52	cps
Strontium	88-1	27066629	27642996	27451531	27387052	1.07	cps
Sulfur	34-1	2589891	2660704	2641330	2630642	1.39	cps
Terbium	159-1	11914608	11977201	11964074	11951961	0.28	cps
Terbium	159-2	5846110	5834558	5755962	5812210	0.84	cps
Thallium	203-1	3782505	3785258	3812842	3793535	0.44	cps
Thallium	205-1	8740010	8720717	8947120	8802616	1.43	cps
Tin	118-1	3986591	3975352	3935782	3965908	0.67	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:32:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4293122	4251326	4220901	4255116	0.85	cps
Uranium	238-1	11022961	11239664	11277378	11180001	1.23	cps
Vanadium	51-2	1471351	1442768	1454450	1456190	0.99	cps
Ytterbium	172-1	375	450	383	403	10.21	cps
Ytterbium	172-2	250	261	217	243	9.54	cps
Ytterbium	176-1	1500	1750	1600	1617	7.78	cps
Ytterbium	176-2	3289	3362	3706	3452	6.45	cps
Yttrium	89-1	26050822	25735682	26082929	25956478	0.74	cps
Yttrium	89-2	3411306	3418015	3291635	3373652	2.11	cps
Zinc	66-2	2950242	2865637	2792710	2869530	2.75	cps
Zirconium	90-1	9283747	9396352	9413075	9364391	0.75	cps
Zirconium	91-1	2157195	2172040	2109940	2146392	1.51	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:35:21	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	837102	853412	849705	846739	1.01	cps
Antimony	121-1	4613466	4554715	4423685	4530622	2.14	cps
Arsenic	75-2	168977	169749	169160	169295	0.24	cps
Barium	135-1	5873730	5881940	5810277	5855316	0.67	cps
Barium	137-1	10206829	10178331	10105611	10163590	0.51	cps
Beryllium	9-1	1069712	1121730	1110717	1100720	2.49	cps
Bismuth	209-1	6303997	6273761	6252477	6276745	0.41	cps
Bismuth	209-2	3901790	3766945	3577538	3748758	4.35	cps
Boron	10-1	193708	202383	204915	200335	2.93	cps
Boron	11-1	885231	918667	954386	919428	3.76	cps
Bromine	81-1	153144	169829	184994	169322	9.41	cps
Cadmium	111-1	1144116	1133972	1103601	1127230	1.87	cps
Cadmium	106-1	129785	134402	132054	132080	1.75	cps
Cadmium	108-1	85911	85538	88365	86605	1.77	cps
Calcium	43-1	5422489	5202557	5194136	5273061	2.46	cps
Calcium	44-1	89701297	87515091	86873046	88029811	1.68	cps
Carbon	12-1	14088505	14775641	15534032	14799393	4.89	cps
Carbon	12-2	196546	200371	207344	201420	2.72	cps
Chlorine	35-1	2633159	2686276	2725744	2681726	1.73	cps
Chlorine	35-2	24680	25423	26024	25376	2.65	cps
Chromium	52-2	1798768	1797720	1781582	1792690	0.54	cps
Cobalt	59-2	3131089	3121442	3155074	3135868	0.55	cps
Copper	63-2	25068450	25462754	25638473	25389892	1.15	cps
Dysprosium	156-1	275	425	267	322	27.65	cps
Dysprosium	156-2	157	150	157	154	2.49	cps
Erbium	164-1	283	242	300	275	10.92	cps
Erbium	164-2	160	140	123	141	13.01	cps
Gadolinium	160-1	400	425	408	411	3.10	cps
Gadolinium	160-2	193	220	203	206	6.55	cps
Holmium	165-1	11054909	11599135	11303616	11319220	2.41	cps
Holmium	165-2	6073096	6025679	5632308	5910361	4.09	cps
Indium	115-1	10321787	10250810	10376113	10316237	0.61	cps
Indium	115-2	1936514	1955653	1803761	1898643	4.36	cps
Iron	54-2	3872291	3972899	3943124	3929438	1.32	cps
Iron	56-2	70161239	70241499	71121343	70508027	0.76	cps
Iron	57-2	1820741	1780868	1822127	1807912	1.30	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:35:21	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1130	980	1043	7.44	cps
Lead	206-1	15588667	15673875	15452766	15571769	0.72	cps
Lead	207-1	13474906	13251782	13493611	13406766	1.00	cps
Lead	208-1	62339810	61412410	61553840	61768687	0.81	cps
Lithium	6-1	3346812	3500362	3446097	3431090	2.27	cps
Magnesium	24-2	13989522	14529379	14271387	14263429	1.89	cps
Manganese	55-2	10947091	11028774	11004751	10993539	0.38	cps
Molybdenum	94-1	10729071	10745893	11168684	10881216	2.29	cps
Molybdenum	95-1	13392826	13368773	13353661	13371753	0.15	cps
Molybdenum	96-1	14952651	14822190	15021211	14932018	0.68	cps
Molybdenum	97-1	8112704	8036389	8205185	8118093	1.04	cps
Molybdenum	98-1	21113740	21096928	20985753	21065473	0.33	cps
Neodymium	150-1	353	347	293	331	9.93	cps
Neodymium	150-2	47	60	63	57	15.56	cps
Nickel	60-2	832757	835693	830358	832936	0.32	cps
Phosphorus	31-2	2092	2075	2042	2070	1.23	cps
Potassium	39-2	7459786	7501364	7384689	7448613	0.79	cps
Rhodium	103-1	9834926	10021385	9883997	9913436	0.97	cps
Rhodium	103-2	5191209	5150550	4825803	5055854	3.96	cps
Scandium	45-1	8151528	8021216	7948727	8040491	1.28	cps
Scandium	45-2	300137	300816	282700	294551	3.49	cps
Selenium	82-1	91112	90298	90725	90712	0.45	cps
Selenium	77-2	3430	3440	3480	3450	0.77	cps
Selenium	78-2	11807	11860	11775	11814	0.36	cps
Silicon	28-1	43867937	44342495	46494791	44901741	3.12	cps
Silver	107-1	6400246	5344180	4832897	5525774	14.46	cps
Silver	109-1	4715154	4993923	4762928	4824002	3.09	cps
Sodium	23-2	45937441	46343169	45440048	45906886	0.99	cps
Strontium	86-1	3210093	3225860	3075057	3170337	2.61	cps
Strontium	88-1	27554035	28218707	26950696	27574479	2.30	cps
Sulfur	34-1	2624371	2590482	2703230	2639361	2.19	cps
Terbium	159-1	12004473	12146414	12006431	12052439	0.68	cps
Terbium	159-2	5953083	5892735	5598732	5814850	3.26	cps
Thallium	203-1	3933808	3857925	3937793	3909842	1.15	cps
Thallium	205-1	8902020	9104800	8846056	8950959	1.52	cps
Tin	118-1	3971997	3915000	3916171	3934389	0.83	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:35:21	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4185251	4256963	4162786	4201667	1.17	cps
Uranium	238-1	11501040	10959563	11038676	11166426	2.62	cps
Vanadium	51-2	1433692	1456519	1472895	1454369	1.35	cps
Ytterbium	172-1	417	358	392	389	7.53	cps
Ytterbium	172-2	272	233	200	235	15.37	cps
Ytterbium	176-1	1508	1558	1675	1581	5.41	cps
Ytterbium	176-2	3506	3840	3662	3669	4.55	cps
Yttrium	89-1	26601766	26518807	25729152	26283242	1.83	cps
Yttrium	89-2	3489261	3415118	3239050	3381143	3.80	cps
Zinc	66-2	2868690	2897150	2929474	2898438	1.05	cps
Zirconium	90-1	9373355	9213302	9234524	9273727	0.94	cps
Zirconium	91-1	2137779	2110697	2112447	2120308	0.71	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:40:09	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	839373	844636	831046	838352	0.82	cps
Antimony	121-1	4541869	4544914	4478568	4521784	0.83	cps
Arsenic	75-2	167142	167877	167145	167388	0.25	cps
Barium	135-1	5958229	5716669	5755811	5810236	2.23	cps
Barium	137-1	10195825	10071726	10201091	10156214	0.72	cps
Beryllium	9-1	1096891	1121146	1097536	1105191	1.25	cps
Bismuth	209-1	6242646	6061819	6185126	6163197	1.50	cps
Bismuth	209-2	3805993	3720485	3735308	3753929	1.22	cps
Boron	10-1	190019	193083	199367	194156	2.45	cps
Boron	11-1	916587	882095	953912	917531	3.91	cps
Bromine	81-1	135760	157851	167750	153787	10.65	cps
Cadmium	111-1	1120629	1104687	1109426	1111581	0.74	cps
Cadmium	106-1	129916	132803	128540	130419	1.67	cps
Cadmium	108-1	85978	86571	85441	85997	0.66	cps
Calcium	43-1	5283648	5331343	5297209	5304067	0.46	cps
Calcium	44-1	86626789	90278710	86747024	87884175	2.36	cps
Carbon	12-1	12579263	13317051	14082169	13326161	5.64	cps
Carbon	12-2	181927	183419	188339	184561	1.82	cps
Chlorine	35-1	2603708	2613611	2674423	2630581	1.46	cps
Chlorine	35-2	24137	24171	24738	24349	1.39	cps
Chromium	52-2	1824718	1771488	1777807	1791338	1.62	cps
Cobalt	59-2	3072003	3144155	3096483	3104214	1.18	cps
Copper	63-2	24821786	24838762	24656230	24772260	0.41	cps
Dysprosium	156-1	392	325	433	383	14.26	cps
Dysprosium	156-2	137	113	133	128	9.88	cps
Erbium	164-1	267	217	283	256	13.58	cps
Erbium	164-2	157	167	170	164	4.22	cps
Gadolinium	160-1	417	375	425	406	6.61	cps
Gadolinium	160-2	193	263	240	232	15.35	cps
Holmium	165-1	11545396	11074353	11285492	11301747	2.09	cps
Holmium	165-2	5752428	5705566	5856202	5771399	1.34	cps
Indium	115-1	10277599	10134864	10181475	10197979	0.71	cps
Indium	115-2	1863921	1886327	1939959	1896736	2.06	cps
Iron	54-2	3879590	3750345	3900960	3843632	2.12	cps
Iron	56-2	69204502	69120786	70629471	69651586	1.22	cps
Iron	57-2	1767866	1762649	1797858	1776124	1.07	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:40:09	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	1043	1040	1024	2.92	cps
Lead	206-1	15275831	14949024	15147024	15123959	1.09	cps
Lead	207-1	13385251	13088938	13265417	13246535	1.13	cps
Lead	208-1	61280406	60206467	60256459	60581111	1.00	cps
Lithium	6-1	3439148	3378749	3320906	3379601	1.75	cps
Magnesium	24-2	13879108	14090773	14133059	14034313	0.97	cps
Manganese	55-2	11140639	10780595	11093401	11004878	1.78	cps
Molybdenum	94-1	11175407	10788746	11048745	11004299	1.79	cps
Molybdenum	95-1	13618616	13128821	13252454	13333297	1.91	cps
Molybdenum	96-1	14972091	14547288	14821575	14780318	1.46	cps
Molybdenum	97-1	8178456	8007098	8260181	8148578	1.59	cps
Molybdenum	98-1	21198908	20797045	21306314	21100756	1.27	cps
Neodymium	150-1	353	287	367	336	12.77	cps
Neodymium	150-2	57	50	37	48	21.31	cps
Nickel	60-2	818273	823411	816959	819548	0.42	cps
Phosphorus	31-2	2109	2117	1875	2034	6.75	cps
Potassium	39-2	7332099	7377906	7369023	7359676	0.33	cps
Rhodium	103-1	9917989	9813086	9940240	9890438	0.69	cps
Rhodium	103-2	4988317	4920494	5132610	5013807	2.16	cps
Scandium	45-1	7929654	8138785	8235835	8101424	1.93	cps
Scandium	45-2	292929	297820	300844	297198	1.34	cps
Selenium	82-1	90206	90299	90777	90428	0.34	cps
Selenium	77-2	3440	3617	3217	3425	5.85	cps
Selenium	78-2	11770	11861	11291	11641	2.63	cps
Silicon	28-1	45175079	43623751	45506832	44768554	2.25	cps
Silver	107-1	5780488	5938843	5287008	5668780	6.00	cps
Silver	109-1	4657733	5342414	5452272	5150806	8.36	cps
Sodium	23-2	43974974	44290180	45271165	44512106	1.52	cps
Strontium	86-1	3154351	3171509	3150066	3158642	0.36	cps
Strontium	88-1	27498583	27162903	27264634	27308707	0.63	cps
Sulfur	34-1	2645710	2564529	2599578	2603272	1.56	cps
Terbium	159-1	11754662	11841299	11509565	11701842	1.47	cps
Terbium	159-2	5778152	5845361	6041461	5888325	2.32	cps
Thallium	203-1	3813747	3774632	3838830	3809070	0.85	cps
Thallium	205-1	8789038	8659887	8684391	8711106	0.79	cps
Tin	118-1	4001447	3945989	3873332	3940256	1.63	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:40:09	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4123177	4296297	4279951	4233142	2.26	cps
Uranium	238-1	11133258	11260916	11162610	11185595	0.60	cps
Vanadium	51-2	1469991	1421605	1431642	1441079	1.77	cps
Ytterbium	172-1	283	358	375	339	14.41	cps
Ytterbium	172-2	244	250	228	241	4.81	cps
Ytterbium	176-1	1633	1375	1550	1520	8.68	cps
Ytterbium	176-2	3273	3545	3634	3484	5.40	cps
Yttrium	89-1	26601059	25355050	25890630	25948913	2.41	cps
Yttrium	89-2	3385454	3335548	3389749	3370251	0.89	cps
Zinc	66-2	2829656	2910535	2866206	2868799	1.41	cps
Zirconium	90-1	9364677	9167389	9164412	9232159	1.24	cps
Zirconium	91-1	2134836	2077726	2117749	2110104	1.39	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCV88 Instrumnet Name : P8
 Client Sample ID : CCV88 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 13:44:04 DataFile Name : 043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4453979	4476896	4409100	4446658	0.78	cps
Antimony	121-1	4507690	4352350	4515302	4458447	2.06	cps
Arsenic	75-2	161964	163280	163064	162769	0.43	cps
Barium	135-1	5725709	5707436	5719441	5717528	0.16	cps
Barium	137-1	9867384	9903368	10154908	9975220	1.57	cps
Beryllium	9-1	1070369	1071878	1099536	1080594	1.52	cps
Bismuth	209-1	5859240	6093990	5595036	5849422	4.27	cps
Bismuth	209-2	3462719	3566105	3561315	3530047	1.65	cps
Boron	10-1	126342	129503	132247	129364	2.28	cps
Boron	11-1	606487	620173	638855	621838	2.61	cps
Bromine	81-1	38582	36886	36294	37254	3.19	cps
Cadmium	111-1	1055779	1050263	1057061	1054368	0.34	cps
Cadmium	106-1	124712	125249	129034	126331	1.86	cps
Cadmium	108-1	83560	84746	85840	84715	1.35	cps
Calcium	43-1	8659109	8613968	8684290	8652456	0.41	cps
Calcium	44-1	144126034	140194326	142680060	142333474	1.40	cps
Carbon	12-1	7778754	7683705	7749983	7737480	0.63	cps
Carbon	12-2	95679	91963	93631	93757	1.99	cps
Chlorine	35-1	1898045	1862887	1809154	1856695	2.41	cps
Chlorine	35-2	13949	14633	14332	14305	2.40	cps
Chromium	52-2	1752587	1756498	1747015	1752033	0.27	cps
Cobalt	59-2	2965228	3006359	3011430	2994339	0.85	cps
Copper	63-2	23579764	23055525	23454936	23363408	1.17	cps
Dysprosium	156-1	1000	950	875	942	6.68	cps
Dysprosium	156-2	340	400	413	384	10.16	cps
Erbium	164-1	142	192	208	181	19.22	cps
Erbium	164-2	97	93	80	90	9.80	cps
Gadolinium	160-1	725	633	767	708	9.63	cps
Gadolinium	160-2	397	447	443	429	6.52	cps
Holmium	165-1	11008206	11229149	10257056	10831470	4.70	cps
Holmium	165-2	5551069	5741456	5898058	5730195	3.03	cps
Indium	115-1	9880081	9970569	9165918	9672189	4.56	cps
Indium	115-2	1787349	1849338	1823467	1820051	1.71	cps
Iron	54-2	18552893	18547418	18433812	18511374	0.36	cps
Iron	56-2	337153074	339126974	334117930	336799326	0.75	cps
Iron	57-2	8375232	8465627	8557955	8466271	1.08	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:44:04	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	987	973	959	3.88	cps
Lead	206-1	14990993	15081408	15023165	15031855	0.30	cps
Lead	207-1	12837226	13021446	12963327	12940666	0.73	cps
Lead	208-1	59210111	59707275	59693702	59537029	0.48	cps
Lithium	6-1	3296189	3296878	3106060	3233042	3.40	cps
Magnesium	24-2	62484372	62710976	61980872	62392074	0.60	cps
Manganese	55-2	8931058	8856598	8821818	8869825	0.63	cps
Molybdenum	94-1	11278731	10877796	11356073	11170867	2.30	cps
Molybdenum	95-1	13653270	13330929	13749338	13577845	1.61	cps
Molybdenum	96-1	15020498	14760662	15020336	14933832	1.00	cps
Molybdenum	97-1	8272474	8137465	8245216	8218385	0.87	cps
Molybdenum	98-1	21227010	21207404	21025973	21153462	0.52	cps
Neodymium	150-1	260	233	273	256	7.97	cps
Neodymium	150-2	27	23	33	28	18.33	cps
Nickel	60-2	797031	795242	793272	795182	0.24	cps
Phosphorus	31-2	48799	48875	49076	48917	0.29	cps
Potassium	39-2	25727787	25888537	26192116	25936146	0.91	cps
Rhodium	103-1	9263261	9363542	8650243	9092348	4.25	cps
Rhodium	103-2	4612339	4747496	4708990	4689608	1.48	cps
Scandium	45-1	7711568	7931099	7286373	7643013	4.29	cps
Scandium	45-2	283752	289063	291926	288247	1.44	cps
Selenium	82-1	90755	90283	91298	90779	0.56	cps
Selenium	77-2	3524	3380	3337	3414	2.86	cps
Selenium	78-2	11886	11706	11608	11733	1.20	cps
Silicon	28-1	4045401	4184736	4244313	4158150	2.46	cps
Silver	107-1	6386835	6336684	6352471	6358663	0.40	cps
Silver	109-1	5905707	5975179	5987553	5956146	0.74	cps
Sodium	23-2	120062753	119539319	122052128	120551400	1.10	cps
Strontium	86-1	17428120	17429592	17377514	17411742	0.17	cps
Strontium	88-1	149965941	148487562	148527516	148993673	0.57	cps
Sulfur	34-1	976042	972341	973006	973796	0.20	cps
Terbium	159-1	11482566	11520245	10768419	11257077	3.76	cps
Terbium	159-2	5602217	5653003	5690596	5648605	0.79	cps
Thallium	203-1	3771205	3666660	3763929	3733931	1.56	cps
Thallium	205-1	8680923	8579074	8637471	8632489	0.59	cps
Tin	118-1	3906977	3918950	3990069	3938666	1.14	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:44:04	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4185114	4194600	4304877	4228197	1.57	cps
Uranium	238-1	11084508	10809401	11131088	11008332	1.58	cps
Vanadium	51-2	1445527	1435274	1401816	1427539	1.60	cps
Ytterbium	172-1	100	42	108	83	43.59	cps
Ytterbium	172-2	33	33	61	43	37.66	cps
Ytterbium	176-1	17395	17354	17086	17278	0.97	cps
Ytterbium	176-2	11694	12189	11633	11839	2.58	cps
Yttrium	89-1	25526230	25470967	23931083	24976093	3.63	cps
Yttrium	89-2	3219107	3305086	3251468	3258553	1.33	cps
Zinc	66-2	2643250	2611737	2644371	2633120	0.70	cps
Zirconium	90-1	9480306	9317718	9633344	9477123	1.67	cps
Zirconium	91-1	2169128	2138385	2244235	2183916	2.49	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:55:32	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	334	350	320	335	4.49	cps
Antimony	121-1	508	467	575	517	10.58	cps
Arsenic	75-2	14	10	16	13	22.91	cps
Barium	135-1	300	225	208	244	19.98	cps
Barium	137-1	458	342	325	375	19.37	cps
Beryllium	9-1	116	98	104	106	8.65	cps
Bismuth	209-1	6175061	6275813	6247513	6232796	0.83	cps
Bismuth	209-2	3807688	3795881	3840370	3814646	0.60	cps
Boron	10-1	11632	11020	11028	11227	3.13	cps
Boron	11-1	54765	55084	53023	54290	2.04	cps
Bromine	81-1	23454	22983	22030	22822	3.18	cps
Cadmium	111-1	701	570	595	622	11.25	cps
Cadmium	106-1	6093	4968	5376	5479	10.40	cps
Cadmium	108-1	29	63	79	57	44.71	cps
Calcium	43-1	764	739	762	755	1.87	cps
Calcium	44-1	63628	62215	63071	62971	1.13	cps
Carbon	12-1	5504678	5425466	5449983	5460042	0.74	cps
Carbon	12-2	65120	63764	64325	64403	1.06	cps
Chlorine	35-1	1342595	1324621	1283927	1317048	2.28	cps
Chlorine	35-2	9812	9754	9870	9812	0.59	cps
Chromium	52-2	1013	1173	1137	1108	7.57	cps
Cobalt	59-2	150	170	120	147	17.16	cps
Copper	63-2	1750	1747	1597	1698	5.16	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	58	67	72	24.02	cps
Erbium	164-2	17	23	13	18	28.64	cps
Gadolinium	160-1	58	92	117	89	32.92	cps
Gadolinium	160-2	60	63	87	70	20.76	cps
Holmium	165-1	10686804	10763695	11237722	10896074	2.74	cps
Holmium	165-2	5692266	5432149	5688350	5604255	2.66	cps
Indium	115-1	10319565	10243432	10397508	10320168	0.75	cps
Indium	115-2	1883206	1920467	1863585	1889086	1.53	cps
Iron	54-2	1267	1245	1156	1222	4.81	cps
Iron	56-2	15359	14908	13145	14471	8.08	cps
Iron	57-2	456	500	378	444	13.92	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:55:32	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	983	1070	1058	6.54	cps
Lead	206-1	2684	2439	2578	2567	4.78	cps
Lead	207-1	2172	1989	2161	2108	4.88	cps
Lead	208-1	10246	9502	10002	9917	3.83	cps
Lithium	6-1	3471962	3359249	3383768	3404993	1.74	cps
Magnesium	24-2	1992	1884	1500	1792	14.42	cps
Manganese	55-2	404	367	338	369	8.97	cps
Molybdenum	94-1	958	800	1067	942	14.24	cps
Molybdenum	95-1	733	717	625	692	8.43	cps
Molybdenum	96-1	800	908	692	800	13.54	cps
Molybdenum	97-1	408	425	392	408	4.08	cps
Molybdenum	98-1	1092	1083	1083	1086	0.44	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	147	193	179	15.63	cps
Phosphorus	31-2	175	142	217	178	21.14	cps
Potassium	39-2	26258	26116	26383	26252	0.51	cps
Rhodium	103-1	9996910	10127143	10175821	10099958	0.92	cps
Rhodium	103-2	5133783	5126974	5083795	5114851	0.53	cps
Scandium	45-1	7835706	7804829	7935492	7858676	0.87	cps
Scandium	45-2	296265	293594	293224	294361	0.56	cps
Selenium	82-1	-171	54	-89	-69	-165.52	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	105	104	105	105	0.55	cps
Silicon	28-1	529391	531159	533966	531505	0.43	cps
Silver	107-1	925	667	400	664	39.54	cps
Silver	109-1	792	467	367	542	41.02	cps
Sodium	23-2	38569	38911	38543	38674	0.53	cps
Strontium	86-1	2109	1884	2042	2011	5.75	cps
Strontium	88-1	4351	4217	4017	4195	4.00	cps
Sulfur	34-1	416386	413440	413098	414308	0.44	cps
Terbium	159-1	11773193	11407425	11274496	11485038	2.25	cps
Terbium	159-2	5758681	5602072	5666672	5675808	1.39	cps
Thallium	203-1	1067	1042	875	995	10.48	cps
Thallium	205-1	2025	1875	2017	1972	4.27	cps
Tin	118-1	2634	2450	2559	2548	3.62	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 13:55:32	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	483	383	431	11.67	cps
Uranium	238-1	475	442	367	428	12.97	cps
Vanadium	51-2	37	70	77	61	35.07	cps
Ytterbium	172-1	17	25	33	25	33.32	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	1267	1250	1125	1214	6.38	cps
Ytterbium	176-2	3501	3639	3584	3575	1.96	cps
Yttrium	89-1	25839281	25107045	25981269	25642532	1.83	cps
Yttrium	89-2	3354675	3289205	3318403	3320761	0.99	cps
Zinc	66-2	660	600	603	621	5.43	cps
Zirconium	90-1	1183	1133	1408	1242	11.80	cps
Zirconium	91-1	342	300	267	303	12.41	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:00:57	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1374	1386	1504	1421	5.05	cps
Antimony	121-1	7252	7844	7527	7541	3.93	cps
Arsenic	75-2	506	465	438	470	7.29	cps
Barium	135-1	135164	134665	133833	134554	0.50	cps
Barium	137-1	239025	239063	234137	237408	1.19	cps
Beryllium	9-1	88	84	136	103	28.19	cps
Bismuth	209-1	6195954	6254060	6414521	6288179	1.80	cps
Bismuth	209-2	3746760	4002240	3886179	3878393	3.30	cps
Boron	10-1	88221	93928	96197	92782	4.43	cps
Boron	11-1	445682	463597	488319	465866	4.60	cps
Bromine	81-1	134256	162997	180326	159193	14.62	cps
Cadmium	111-1	598	652	683	644	6.65	cps
Cadmium	106-1	5385	5860	5801	5682	4.56	cps
Cadmium	108-1	46	54	50	50	8.34	cps
Calcium	43-1	3802909	3864138	3952254	3873100	1.94	cps
Calcium	44-1	61818827	64326383	64559748	63568319	2.39	cps
Carbon	12-1	13489725	14265093	15698092	14484303	7.74	cps
Carbon	12-2	196014	194010	196130	195385	0.61	cps
Chlorine	35-1	1914118	2059357	2179482	2050986	6.48	cps
Chlorine	35-2	19998	20231	20415	20215	1.03	cps
Chromium	52-2	4954	5118	5218	5097	2.61	cps
Cobalt	59-2	4507	4874	4371	4584	5.68	cps
Copper	63-2	55020	54196	54755	54657	0.77	cps
Dysprosium	156-1	125	267	217	203	35.43	cps
Dysprosium	156-2	60	93	60	71	27.07	cps
Erbium	164-1	317	250	250	272	14.14	cps
Erbium	164-2	130	110	173	138	23.50	cps
Gadolinium	160-1	225	408	233	289	35.84	cps
Gadolinium	160-2	110	117	153	127	18.42	cps
Holmium	165-1	10848436	11226327	11322265	11132343	2.25	cps
Holmium	165-2	5701317	5936406	5787137	5808287	2.05	cps
Indium	115-1	10150494	10553547	10400203	10368081	1.96	cps
Indium	115-2	1929674	1993511	1925867	1949684	1.95	cps
Iron	54-2	45328	44737	45121	45062	0.67	cps
Iron	56-2	803962	799943	804105	802670	0.29	cps
Iron	57-2	23481	23675	23420	23525	0.57	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:00:57	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	973	1033	994	3.39	cps
Lead	206-1	3106	3173	3100	3126	1.29	cps
Lead	207-1	2939	2639	2750	2776	5.46	cps
Lead	208-1	12497	12458	11802	12252	3.19	cps
Lithium	6-1	3329138	3428882	3514801	3424274	2.71	cps
Magnesium	24-2	1976181	1938866	1973270	1962773	1.06	cps
Manganese	55-2	1163322	1172414	1180157	1171964	0.72	cps
Molybdenum	94-1	7752	7636	7936	7775	1.95	cps
Molybdenum	95-1	11622	11288	10729	11213	4.02	cps
Molybdenum	96-1	12798	12940	12715	12817	0.89	cps
Molybdenum	97-1	7369	7777	7402	7516	3.02	cps
Molybdenum	98-1	19272	18271	19172	18905	2.92	cps
Neodymium	150-1	113	127	140	127	10.52	cps
Neodymium	150-2	23	57	33	38	45.29	cps
Nickel	60-2	24381	24221	24278	24293	0.33	cps
Phosphorus	31-2	2534	2200	2217	2317	8.11	cps
Potassium	39-2	2568432	2460996	2504731	2511386	2.15	cps
Rhodium	103-1	9561965	9806360	10096797	9821707	2.73	cps
Rhodium	103-2	5019630	5362282	5107808	5163240	3.45	cps
Scandium	45-1	7500374	8098239	7917443	7838685	3.91	cps
Scandium	45-2	293205	309688	299749	300881	2.76	cps
Selenium	82-1	73	145	126	115	32.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	92	108	95	98	8.65	cps
Silicon	28-1	44694005	44426228	45020169	44713467	0.67	cps
Silver	107-1	375	7687	333	2798	151.29	cps
Silver	109-1	342	367	375	361	4.80	cps
Sodium	23-2	23976842	23286874	23709102	23657606	1.47	cps
Strontium	86-1	1526919	1521323	1513180	1520474	0.45	cps
Strontium	88-1	13086879	12889251	12702009	12892713	1.49	cps
Sulfur	34-1	2843764	2810711	2877612	2844029	1.18	cps
Terbium	159-1	11253335	11882913	11943928	11693392	3.27	cps
Terbium	159-2	5897151	6178617	5708077	5927948	3.99	cps
Thallium	203-1	808	750	592	717	15.64	cps
Thallium	205-1	1750	1567	1742	1686	6.14	cps
Tin	118-1	2684	2709	2792	2728	2.08	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4154-06DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:00:57	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1967	1808	1875	1884	4.22	cps
Uranium	238-1	3467	3909	3442	3606	7.28	cps
Vanadium	51-2	3464	3430	3380	3425	1.22	cps
Ytterbium	172-1	367	417	417	400	7.22	cps
Ytterbium	172-2	261	333	250	281	16.07	cps
Ytterbium	176-1	1575	1492	1508	1525	2.89	cps
Ytterbium	176-2	3378	4023	3951	3784	9.33	cps
Yttrium	89-1	25471182	26335570	26068751	25958501	1.71	cps
Yttrium	89-2	3333584	3519208	3378330	3410374	2.84	cps
Zinc	66-2	14464	14224	14447	14379	0.93	cps
Zirconium	90-1	3901	3642	3834	3792	3.54	cps
Zirconium	91-1	842	708	917	822	12.83	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:03:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4415932	4362231	4403721	4393961	0.64	cps
Antimony	121-1	4462712	4452614	4406533	4440620	0.67	cps
Arsenic	75-2	162950	160514	160722	161395	0.84	cps
Barium	135-1	5776556	5718647	5769123	5754775	0.55	cps
Barium	137-1	10202823	10060967	9920354	10061381	1.40	cps
Beryllium	9-1	1141545	1108130	1131834	1127169	1.52	cps
Bismuth	209-1	5932688	6109371	5868856	5970305	2.09	cps
Bismuth	209-2	3611422	3606553	3537386	3585120	1.16	cps
Boron	10-1	122218	124213	124395	123609	0.98	cps
Boron	11-1	580887	603370	603864	596040	2.20	cps
Bromine	81-1	48323	46173	43532	46009	5.22	cps
Cadmium	111-1	1069167	1069256	1052778	1063734	0.89	cps
Cadmium	106-1	126487	127505	126950	126981	0.40	cps
Cadmium	108-1	83258	84989	83619	83955	1.09	cps
Calcium	43-1	8459330	8763453	8887490	8703424	2.53	cps
Calcium	44-1	141459323	144839840	145122415	143807193	1.42	cps
Carbon	12-1	8152711	7973757	7806272	7977580	2.17	cps
Carbon	12-2	99217	96197	95393	96936	2.08	cps
Chlorine	35-1	1690202	1696842	1675379	1687474	0.65	cps
Chlorine	35-2	13014	12531	12072	12539	3.76	cps
Chromium	52-2	1779157	1797802	1756118	1777692	1.17	cps
Cobalt	59-2	2945109	2949585	3000709	2965134	1.04	cps
Copper	63-2	23348164	22690932	22927710	22988935	1.45	cps
Dysprosium	156-1	800	842	942	861	8.45	cps
Dysprosium	156-2	377	407	383	389	4.05	cps
Erbium	164-1	233	175	175	194	17.32	cps
Erbium	164-2	97	73	53	74	29.14	cps
Gadolinium	160-1	817	792	833	814	2.58	cps
Gadolinium	160-2	463	430	480	458	5.56	cps
Holmium	165-1	10905793	11141586	11065255	11037545	1.09	cps
Holmium	165-2	5746111	5738464	5675679	5720084	0.68	cps
Indium	115-1	9869252	9728470	10027018	9874914	1.51	cps
Indium	115-2	1824451	1815465	1792948	1810955	0.90	cps
Iron	54-2	18436725	19115753	18392337	18648271	2.17	cps
Iron	56-2	335567085	340462708	337188596	337739463	0.74	cps
Iron	57-2	8379897	8391959	8371217	8381024	0.12	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:03:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	973	980	993	2.93	cps
Lead	206-1	15480109	15299756	15402054	15393973	0.59	cps
Lead	207-1	13073180	13218950	13012703	13101611	0.81	cps
Lead	208-1	60723417	61287768	60161412	60724199	0.93	cps
Lithium	6-1	3383069	3284055	3470219	3379114	2.76	cps
Magnesium	24-2	61200447	63173785	62824091	62399441	1.69	cps
Manganese	55-2	8857396	9102188	8999152	8986245	1.37	cps
Molybdenum	94-1	11367702	11267118	11086245	11240355	1.27	cps
Molybdenum	95-1	13703164	13468981	13213064	13461736	1.82	cps
Molybdenum	96-1	15231733	14974684	14696947	14967788	1.79	cps
Molybdenum	97-1	8297026	8307302	8223256	8275862	0.55	cps
Molybdenum	98-1	20975795	21415994	21358815	21250201	1.13	cps
Neodymium	150-1	213	267	287	256	14.83	cps
Neodymium	150-2	30	43	13	29	52.03	cps
Nickel	60-2	798742	795978	788290	794337	0.68	cps
Phosphorus	31-2	47997	47729	47052	47593	1.02	cps
Potassium	39-2	26220510	26032912	25420121	25891181	1.62	cps
Rhodium	103-1	9422779	9519295	9289567	9410547	1.23	cps
Rhodium	103-2	4855576	4751661	4693920	4767052	1.72	cps
Scandium	45-1	7890834	7744423	7689057	7774771	1.34	cps
Scandium	45-2	290552	289751	284195	288166	1.20	cps
Selenium	82-1	90816	90402	90520	90579	0.24	cps
Selenium	77-2	3587	3260	3380	3409	4.85	cps
Selenium	78-2	11779	11574	11528	11627	1.15	cps
Silicon	28-1	4027746	4140188	4229114	4132349	2.44	cps
Silver	107-1	6307774	6475706	6412756	6398746	1.33	cps
Silver	109-1	6004410	6133492	5934776	6024226	1.67	cps
Sodium	23-2	120700432	118979569	115941853	118540618	2.03	cps
Strontium	86-1	17216308	17839688	17128623	17394873	2.23	cps
Strontium	88-1	147226953	152932678	150438816	150199483	1.90	cps
Sulfur	34-1	895041	900863	906140	900681	0.62	cps
Terbium	159-1	11803129	11427788	11694045	11641654	1.66	cps
Terbium	159-2	5739958	5915016	5702658	5785877	1.96	cps
Thallium	203-1	3723158	3792630	3789627	3768472	1.04	cps
Thallium	205-1	8871844	8825096	8930893	8875944	0.60	cps
Tin	118-1	3960024	3935589	3935834	3943816	0.36	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:03:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4375901	4209366	4285409	4290225	1.94	cps
Uranium	238-1	11208742	11451335	11444507	11368194	1.22	cps
Vanadium	51-2	1429725	1406106	1407279	1414370	0.94	cps
Ytterbium	172-1	108	92	83	94	13.48	cps
Ytterbium	172-2	89	67	50	69	28.47	cps
Ytterbium	176-1	17362	17303	17212	17292	0.44	cps
Ytterbium	176-2	11716	11828	11933	11826	0.92	cps
Yttrium	89-1	24803910	24939664	25396890	25046821	1.24	cps
Yttrium	89-2	3311295	3284960	3258509	3284921	0.80	cps
Zinc	66-2	2574273	2548521	2582087	2568294	0.68	cps
Zirconium	90-1	9211639	9367496	9467478	9348871	1.38	cps
Zirconium	91-1	2133869	2151640	2149301	2144937	0.45	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P8
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 14:14:16 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366	377	342	362	4.94	cps
Antimony	121-1	442	683	683	603	23.15	cps
Arsenic	75-2	13	10	25	16	49.61	cps
Barium	135-1	375	417	300	364	16.25	cps
Barium	137-1	608	600	500	569	10.59	cps
Beryllium	9-1	116	116	116	116	0.00	cps
Bismuth	209-1	6277397	6392553	6120082	6263344	2.18	cps
Bismuth	209-2	3848491	3855705	3815730	3839975	0.55	cps
Boron	10-1	6214	6014	6132	6120	1.64	cps
Boron	11-1	30574	30137	30548	30419	0.81	cps
Bromine	81-1	22451	22531	23033	22672	1.39	cps
Cadmium	111-1	730	645	655	677	6.87	cps
Cadmium	106-1	6477	5860	6027	6121	5.21	cps
Cadmium	108-1	67	58	92	72	24.02	cps
Calcium	43-1	987	980	891	953	5.62	cps
Calcium	44-1	61035	61324	60758	61039	0.46	cps
Carbon	12-1	5383615	5544365	5632557	5520179	2.29	cps
Carbon	12-2	67204	65706	64367	65759	2.16	cps
Chlorine	35-1	1320612	1289307	1253697	1287872	2.60	cps
Chlorine	35-2	9920	9445	9395	9587	3.02	cps
Chromium	52-2	1147	1230	1197	1191	3.52	cps
Cobalt	59-2	180	133	297	203	41.38	cps
Copper	63-2	2070	2030	2220	2107	4.76	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	58	67	92	72	24.02	cps
Erbium	164-2	37	47	27	37	27.27	cps
Gadolinium	160-1	75	150	92	106	37.31	cps
Gadolinium	160-2	63	80	73	72	11.62	cps
Holmium	165-1	11300795	11040873	11031937	11124535	1.37	cps
Holmium	165-2	5891095	5823655	5706600	5807117	1.61	cps
Indium	115-1	10435885	10355920	10264429	10352078	0.83	cps
Indium	115-2	1953242	1910377	1860180	1907933	2.44	cps
Iron	54-2	1528	1656	2173	1786	19.14	cps
Iron	56-2	19352	19363	20254	19657	2.63	cps
Iron	57-2	706	483	500	563	21.99	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:14:16	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1090	913	1008	8.83	cps
Lead	206-1	2711	2728	2600	2680	2.59	cps
Lead	207-1	2367	2345	2384	2365	0.83	cps
Lead	208-1	10619	10669	10813	10700	0.94	cps
Lithium	6-1	3493006	3398656	3457710	3449791	1.38	cps
Magnesium	24-2	2659	2375	2950	2661	10.80	cps
Manganese	55-2	516	554	624	565	9.68	cps
Molybdenum	94-1	1000	1175	867	1014	15.25	cps
Molybdenum	95-1	833	808	883	842	4.54	cps
Molybdenum	96-1	1050	1200	1067	1106	7.44	cps
Molybdenum	97-1	600	517	567	561	7.48	cps
Molybdenum	98-1	1592	1408	1433	1478	6.73	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	143	193	180	172	15.03	cps
Phosphorus	31-2	133	150	158	147	8.65	cps
Potassium	39-2	26884	26249	25365	26166	2.92	cps
Rhodium	103-1	10169214	10373079	10345848	10296047	1.07	cps
Rhodium	103-2	5244978	5232201	5114530	5197236	1.38	cps
Scandium	45-1	7984319	7774669	7805250	7854746	1.44	cps
Scandium	45-2	294091	296231	286981	292434	1.66	cps
Selenium	82-1	-21	-85	83	-8	-1085.18	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	114	106	106	109	4.25	cps
Silicon	28-1	525455	526768	526845	526356	0.15	cps
Silver	107-1	558	475	417	483	14.73	cps
Silver	109-1	442	317	375	378	16.56	cps
Sodium	23-2	39521	38777	38618	38972	1.24	cps
Strontium	86-1	2175	2375	2225	2259	4.61	cps
Strontium	88-1	6677	6168	6719	6521	4.70	cps
Sulfur	34-1	419889	416228	419771	418629	0.50	cps
Terbium	159-1	11600916	11866974	11675459	11714450	1.17	cps
Terbium	159-2	5659993	5646853	5611269	5639372	0.45	cps
Thallium	203-1	925	717	867	836	12.85	cps
Thallium	205-1	1842	2009	2117	1989	6.97	cps
Tin	118-1	2534	2709	2759	2667	4.43	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 14:14:16	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	475	442	461	3.76	cps
Uranium	238-1	625	642	475	581	15.81	cps
Vanadium	51-2	67	77	87	77	13.04	cps
Ytterbium	172-1	42	25	50	39	32.73	cps
Ytterbium	172-2	6	6	17	9	69.24	cps
Ytterbium	176-1	1233	1158	1233	1208	3.58	cps
Ytterbium	176-2	3445	3473	3701	3539	3.96	cps
Yttrium	89-1	26247776	25244690	25672328	25721598	1.96	cps
Yttrium	89-2	3270028	3291386	3249004	3270139	0.65	cps
Zinc	66-2	770	583	753	702	14.71	cps
Zirconium	90-1	1517	1308	1633	1486	11.08	cps
Zirconium	91-1	258	300	267	275	8.02	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : PB139833BL Instrumnet Name : P8
 Client Sample ID : PB139833BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 15:10:17 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	466	541	480	496	8.05	cps
Antimony	121-1	292	392	317	333	15.61	cps
Arsenic	75-2	17	25	15	19	27.85	cps
Barium	135-1	317	333	392	347	11.34	cps
Barium	137-1	467	433	733	544	30.20	cps
Beryllium	9-1	108	100	106	105	3.98	cps
Bismuth	209-1	6293443	6203987	6090882	6196104	1.64	cps
Bismuth	209-2	3769882	3797064	3870075	3812340	1.36	cps
Boron	10-1	1122	1208	1114	1148	4.54	cps
Boron	11-1	5500	5414	5566	5493	1.39	cps
Bromine	81-1	22882	22020	22742	22548	2.05	cps
Cadmium	111-1	630	598	577	602	4.42	cps
Cadmium	106-1	5576	5485	5385	5482	1.75	cps
Cadmium	108-1	46	42	58	49	17.84	cps
Calcium	43-1	957	914	961	944	2.80	cps
Calcium	44-1	58799	58167	59528	58831	1.16	cps
Carbon	12-1	5601744	5655740	5658399	5638628	0.57	cps
Carbon	12-2	64575	65689	65045	65103	0.86	cps
Chlorine	35-1	1118732	1097273	1063316	1093107	2.56	cps
Chlorine	35-2	8286	7644	8453	8128	5.25	cps
Chromium	52-2	1200	1167	1087	1151	5.06	cps
Cobalt	59-2	270	287	230	262	11.10	cps
Copper	63-2	2324	2447	2427	2399	2.76	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	33	108	117	86	53.30	cps
Erbium	164-2	37	37	37	37	0.00	cps
Gadolinium	160-1	83	125	17	75	72.86	cps
Gadolinium	160-2	113	107	63	94	28.75	cps
Holmium	165-1	11084501	10741592	10244629	10690240	3.95	cps
Holmium	165-2	5554228	5602143	5564018	5573463	0.45	cps
Indium	115-1	10417728	10519287	9949079	10295365	2.95	cps
Indium	115-2	1901884	1826022	1925999	1884635	2.77	cps
Iron	54-2	1900	1695	1783	1793	5.75	cps
Iron	56-2	23325	23753	24766	23948	3.09	cps
Iron	57-2	739	744	622	702	9.83	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BL	Instrumnet Name :	P8
Client Sample ID :	PB139833BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:10:17	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	993	1013	980	4.25	cps
Lead	206-1	2145	2328	2356	2276	5.04	cps
Lead	207-1	1928	1922	2256	2035	9.38	cps
Lead	208-1	8724	9113	9096	8977	2.45	cps
Lithium	6-1	3596767	3475217	3580490	3550825	1.86	cps
Magnesium	24-2	3451	3459	3967	3626	8.16	cps
Manganese	55-2	641	761	715	706	8.56	cps
Molybdenum	94-1	917	683	1042	881	20.66	cps
Molybdenum	95-1	708	650	1033	797	25.91	cps
Molybdenum	96-1	967	1050	808	942	13.04	cps
Molybdenum	97-1	525	617	417	519	19.27	cps
Molybdenum	98-1	1317	1158	1267	1247	6.49	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	160	177	167	5.29	cps
Phosphorus	31-2	225	175	183	194	13.78	cps
Potassium	39-2	26433	26734	26909	26692	0.90	cps
Rhodium	103-1	10189222	9952015	9685318	9942185	2.54	cps
Rhodium	103-2	5095872	4917658	5230521	5081350	3.09	cps
Scandium	45-1	7927029	7858596	7635697	7807107	1.95	cps
Scandium	45-2	290062	291860	297216	293046	1.27	cps
Selenium	82-1	81	35	-9	36	126.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	95	77	85	86	10.53	cps
Silicon	28-1	543975	544932	545723	544877	0.16	cps
Silver	107-1	308	217	300	275	18.43	cps
Silver	109-1	183	117	167	156	22.30	cps
Sodium	23-2	34725	35527	36713	35655	2.81	cps
Strontium	86-1	2450	2175	2159	2261	7.24	cps
Strontium	88-1	6060	6010	6318	6129	2.70	cps
Sulfur	34-1	474822	472133	476633	474529	0.48	cps
Terbium	159-1	11473663	11418812	11144414	11345629	1.55	cps
Terbium	159-2	5497945	5723114	5627674	5616245	2.01	cps
Thallium	203-1	592	650	642	628	5.03	cps
Thallium	205-1	1925	1450	1492	1622	16.22	cps
Tin	118-1	2425	2475	2292	2397	3.95	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BL	Instrumnet Name :	P8
Client Sample ID :	PB139833BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:10:17	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	417	342	397	12.29	cps
Uranium	238-1	400	500	492	464	11.96	cps
Vanadium	51-2	80	110	73	88	22.25	cps
Ytterbium	172-1	33	25	58	39	44.61	cps
Ytterbium	172-2	22	6	6	11	86.55	cps
Ytterbium	176-1	1092	1117	1008	1072	5.29	cps
Ytterbium	176-2	4284	4606	4484	4458	3.65	cps
Yttrium	89-1	25692525	25308800	25085745	25362357	1.21	cps
Yttrium	89-2	3246823	3236037	3346319	3276393	1.86	cps
Zinc	66-2	727	737	687	717	3.69	cps
Zirconium	90-1	1300	1342	1650	1431	13.36	cps
Zirconium	91-1	392	250	275	306	24.75	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BS	Instrumnet Name :	P8
Client Sample ID :	PB139833BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:13:18	DataFile Name :	049LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	865336	855872	851579	857596	0.82	cps
Antimony	121-1	4509072	4497801	4485008	4497294	0.27	cps
Arsenic	75-2	157695	156034	155345	156358	0.77	cps
Barium	135-1	5750709	5728587	5759360	5746218	0.28	cps
Barium	137-1	10100888	10023146	10075802	10066612	0.39	cps
Beryllium	9-1	1189772	1153864	1177792	1173809	1.56	cps
Bismuth	209-1	6161927	6108199	6332669	6200932	1.89	cps
Bismuth	209-2	3729020	3686227	3833451	3749566	2.02	cps
Boron	10-1	98937	110398	113006	107447	6.97	cps
Boron	11-1	498139	505982	546966	517029	5.07	cps
Bromine	81-1	20687	21458	21739	21295	2.56	cps
Cadmium	111-1	1110802	1110618	1115891	1112437	0.27	cps
Cadmium	106-1	129087	133916	132795	131933	1.92	cps
Cadmium	108-1	86666	87459	87627	87251	0.59	cps
Calcium	43-1	1889457	1860299	1874569	1874775	0.78	cps
Calcium	44-1	30572530	29329653	29941439	29947874	2.08	cps
Carbon	12-1	6476488	6673704	6833640	6661277	2.69	cps
Carbon	12-2	80915	81578	78443	80312	2.06	cps
Chlorine	35-1	1005760	986029	972269	988019	1.70	cps
Chlorine	35-2	7294	7435	7094	7274	2.36	cps
Chromium	52-2	1752836	1776528	1752275	1760547	0.79	cps
Cobalt	59-2	3058524	3035299	3025570	3039797	0.56	cps
Copper	63-2	23240418	23436763	22881735	23186305	1.21	cps
Dysprosium	156-1	358	158	258	258	38.71	cps
Dysprosium	156-2	93	107	117	106	11.09	cps
Erbium	164-1	142	108	117	122	14.19	cps
Erbium	164-2	57	20	40	39	47.21	cps
Gadolinium	160-1	233	217	217	222	4.33	cps
Gadolinium	160-2	143	173	193	170	14.80	cps
Holmium	165-1	11110276	10870431	10824687	10935131	1.40	cps
Holmium	165-2	5617844	5779674	5774927	5724148	1.61	cps
Indium	115-1	9841292	9665232	9927905	9811476	1.36	cps
Indium	115-2	1807093	1829800	1878558	1838484	1.99	cps
Iron	54-2	3925004	3958508	3793341	3892284	2.24	cps
Iron	56-2	70097995	70488657	69184739	69923797	0.96	cps
Iron	57-2	1809101	1786841	1793044	1796329	0.64	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BS	Instrumnet Name :	P8
Client Sample ID :	PB139833BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:13:18	DataFile Name :	049LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1090	987	1036	5.01	cps
Lead	206-1	15521342	15844392	15646195	15670643	1.04	cps
Lead	207-1	13144798	13569177	13339707	13351227	1.59	cps
Lead	208-1	61546784	62349955	62115410	62004050	0.67	cps
Lithium	6-1	3601159	3425929	3688623	3571904	3.75	cps
Magnesium	24-2	12833996	12917463	12661227	12804229	1.02	cps
Manganese	55-2	9077890	8951554	8894936	8974794	1.04	cps
Molybdenum	94-1	10963549	11077404	11232262	11091072	1.22	cps
Molybdenum	95-1	13478083	13583785	13586475	13549448	0.46	cps
Molybdenum	96-1	14765296	14782306	14992197	14846599	0.85	cps
Molybdenum	97-1	8185995	8053931	8051386	8097104	0.95	cps
Molybdenum	98-1	21358019	20789638	20935006	21027554	1.40	cps
Neodymium	150-1	280	247	287	271	7.90	cps
Neodymium	150-2	27	27	37	30	19.24	cps
Nickel	60-2	795548	808310	796525	800128	0.89	cps
Phosphorus	31-2	49042	50096	47604	48914	2.56	cps
Potassium	39-2	5276996	5244741	5263784	5261840	0.31	cps
Rhodium	103-1	9801277	9434794	9790562	9675545	2.16	cps
Rhodium	103-2	4857763	4887781	4974700	4906748	1.24	cps
Scandium	45-1	8034703	7578926	7957793	7857141	3.11	cps
Scandium	45-2	287927	285522	290533	287994	0.87	cps
Selenium	82-1	88610	88988	88986	88861	0.25	cps
Selenium	77-2	3254	3204	3334	3264	2.01	cps
Selenium	78-2	11459	11299	11275	11344	0.88	cps
Silicon	28-1	4316122	4544292	4740327	4533581	4.68	cps
Silver	107-1	6189058	6249559	6189418	6209345	0.56	cps
Silver	109-1	6126731	6042841	6015941	6061838	0.95	cps
Sodium	23-2	24384282	24553927	24066378	24334862	1.02	cps
Strontium	86-1	17046712	17631475	17743121	17473769	2.14	cps
Strontium	88-1	148960949	154520483	149846812	151109414	1.98	cps
Sulfur	34-1	961142	953397	955767	956769	0.41	cps
Terbium	159-1	11682531	11439193	11997292	11706339	2.39	cps
Terbium	159-2	5610174	5630302	5714921	5651799	0.98	cps
Thallium	203-1	3749203	3851072	3825567	3808614	1.39	cps
Thallium	205-1	8971510	8840768	8975285	8929188	0.86	cps
Tin	118-1	4015045	3877299	3933282	3941876	1.76	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139833BS	Instrumnet Name :	P8
Client Sample ID :	PB139833BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:13:18	DataFile Name :	049LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4251533	4252729	4262751	4255671	0.14	cps
Uranium	238-1	10936460	11280371	11133296	11116709	1.55	cps
Vanadium	51-2	1407935	1421212	1391210	1406786	1.07	cps
Ytterbium	172-1	58	75	75	69	13.86	cps
Ytterbium	172-2	17	11	6	11	49.99	cps
Ytterbium	176-1	16185	16836	16511	16511	1.97	cps
Ytterbium	176-2	12150	12139	12289	12193	0.69	cps
Yttrium	89-1	25256070	24679833	25842917	25259607	2.30	cps
Yttrium	89-2	3198682	3239732	3272492	3236969	1.14	cps
Zinc	66-2	2649477	2682215	2606304	2645999	1.44	cps
Zirconium	90-1	9208519	9335916	9460145	9334860	1.35	cps
Zirconium	91-1	2172708	2120358	2164859	2152642	1.31	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : M4169-01 Instrumnet Name : P8
 Client Sample ID : P287-DITCH Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 15:20:30 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30377	29487	31283	30382	2.96	cps
Antimony	121-1	2275	2834	2467	2525	11.24	cps
Arsenic	75-2	2803	2769	2693	2755	2.05	cps
Barium	135-1	351676	351507	345106	349430	1.07	cps
Barium	137-1	622814	629660	609607	620694	1.64	cps
Beryllium	9-1	226	226	294	249	15.79	cps
Bismuth	209-1	6729346	6440496	6864126	6677989	3.24	cps
Bismuth	209-2	3864575	3848668	3950832	3888025	1.41	cps
Boron	10-1	24926	26112	26789	25942	3.63	cps
Boron	11-1	121827	130175	137468	129823	6.03	cps
Bromine	81-1	133053	155733	174684	154490	13.49	cps
Cadmium	111-1	746	745	700	730	3.59	cps
Cadmium	106-1	5735	6093	6277	6035	4.57	cps
Cadmium	108-1	33	50	117	67	66.15	cps
Calcium	43-1	829807	835916	837357	834360	0.48	cps
Calcium	44-1	13972538	14003619	14288176	14088111	1.23	cps
Carbon	12-1	14610718	15968907	16982284	15853970	7.51	cps
Carbon	12-2	203878	207823	216683	209461	3.13	cps
Chlorine	35-1	1354676	1426955	1459795	1413809	3.80	cps
Chlorine	35-2	12689	12848	14091	13209	5.81	cps
Chromium	52-2	10577	10451	10737	10589	1.35	cps
Cobalt	59-2	46031	46342	44894	45756	1.67	cps
Copper	63-2	35601	35745	35812	35719	0.30	cps
Dysprosium	156-1	3442	3367	3309	3373	1.98	cps
Dysprosium	156-2	1830	1630	1723	1728	5.79	cps
Erbium	164-1	3309	3167	3376	3284	3.24	cps
Erbium	164-2	1373	1353	1583	1437	8.87	cps
Gadolinium	160-1	3592	3734	3517	3614	3.05	cps
Gadolinium	160-2	1837	1960	2154	1984	8.05	cps
Holmium	165-1	11598773	11388900	11984496	11657390	2.59	cps
Holmium	165-2	5878516	5752059	5798533	5809703	1.10	cps
Indium	115-1	10473458	10674898	11305304	10817887	4.01	cps
Indium	115-2	1969689	1877953	1966376	1938006	2.68	cps
Iron	54-2	8188489	8193035	8095901	8159141	0.67	cps
Iron	56-2	150222453	151414315	148827698	150154822	0.86	cps
Iron	57-2	3739278	3676988	3753338	3723201	1.09	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:20:30	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	837	957	911	7.14	cps
Lead	206-1	15332	14909	15265	15168	1.50	cps
Lead	207-1	13046	12868	13301	13072	1.67	cps
Lead	208-1	60807	60914	60757	60826	0.13	cps
Lithium	6-1	3530034	3542773	3649622	3574143	1.84	cps
Magnesium	24-2	2575784	2554434	2575520	2568579	0.48	cps
Manganese	55-2	5579169	5545085	5478744	5534333	0.92	cps
Molybdenum	94-1	5418	5810	5226	5485	5.42	cps
Molybdenum	95-1	4651	5026	4884	4854	3.90	cps
Molybdenum	96-1	8253	7869	8711	8278	5.09	cps
Molybdenum	97-1	2742	2725	2675	2714	1.28	cps
Molybdenum	98-1	7210	6894	7077	7060	2.25	cps
Neodymium	150-1	5435	5334	5054	5274	3.74	cps
Neodymium	150-2	1787	1853	1793	1811	2.03	cps
Nickel	60-2	17080	17114	17094	17096	0.10	cps
Phosphorus	31-2	1492	1433	1358	1428	4.68	cps
Potassium	39-2	635203	631517	622617	629779	1.03	cps
Rhodium	103-1	10393173	10501516	10828854	10574514	2.15	cps
Rhodium	103-2	5298432	5155836	5169663	5207977	1.51	cps
Scandium	45-1	8102617	8089102	8422651	8204790	2.30	cps
Scandium	45-2	302572	294273	297984	298276	1.39	cps
Selenium	82-1	243	335	172	250	32.66	cps
Selenium	77-2	13	7	20	13	49.99	cps
Selenium	78-2	122	103	98	108	11.76	cps
Silicon	28-1	53578457	53603930	54545157	53909182	1.02	cps
Silver	107-1	1717	1700	1892	1770	6.00	cps
Silver	109-1	1683	1759	1558	1667	6.06	cps
Sodium	23-2	14609020	14609745	14597893	14605552	0.05	cps
Strontium	86-1	420570	427183	424716	424156	0.79	cps
Strontium	88-1	3796388	3815157	3786642	3799396	0.38	cps
Sulfur	34-1	2299645	2321310	2274771	2298575	1.01	cps
Terbium	159-1	12052488	12440105	12726399	12406331	2.73	cps
Terbium	159-2	5939615	5782349	5944853	5888939	1.57	cps
Thallium	203-1	867	833	775	825	5.62	cps
Thallium	205-1	2259	1892	1692	1947	14.76	cps
Tin	118-1	8111	8294	8336	8247	1.45	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:20:30	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	16569	15125	16663	16119	5.35	cps
Uranium	238-1	2825	2909	2509	2748	7.68	cps
Vanadium	51-2	6852	7022	7038	6971	1.48	cps
Ytterbium	172-1	1083	1267	1133	1161	8.16	cps
Ytterbium	172-2	633	806	706	715	12.10	cps
Ytterbium	176-1	2175	1675	2350	2067	16.95	cps
Ytterbium	176-2	4306	4762	4673	4581	5.27	cps
Yttrium	89-1	26432032	26641733	27637976	26903914	2.39	cps
Yttrium	89-2	3446496	3326526	3339510	3370844	1.95	cps
Zinc	66-2	17000	16864	16870	16911	0.46	cps
Zirconium	90-1	8236	8771	7719	8242	6.38	cps
Zirconium	91-1	1784	1675	1608	1689	5.23	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:23:27	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	949	919	941	936	1.67	cps
Antimony	121-1	2092	2142	2459	2231	8.91	cps
Arsenic	75-2	376	324	315	338	9.73	cps
Barium	135-1	363041	361178	357307	360509	0.81	cps
Barium	137-1	629830	639076	633082	633996	0.74	cps
Beryllium	9-1	112	90	102	101	10.87	cps
Bismuth	209-1	6457891	6353972	6427108	6412991	0.83	cps
Bismuth	209-2	3790204	3846401	3814016	3816874	0.74	cps
Boron	10-1	26042	27975	29177	27731	5.70	cps
Boron	11-1	131708	136430	142679	136939	4.02	cps
Bromine	81-1	163642	181466	203743	182950	10.98	cps
Cadmium	111-1	731	751	677	720	5.36	cps
Cadmium	106-1	6285	6385	5835	6168	4.75	cps
Cadmium	108-1	38	29	33	33	12.50	cps
Calcium	43-1	917345	911102	918443	915630	0.43	cps
Calcium	44-1	15561316	15115698	15346764	15341260	1.45	cps
Carbon	12-1	11955234	12971230	13475579	12800681	6.05	cps
Carbon	12-2	177396	177472	177445	177438	0.02	cps
Chlorine	35-1	1652612	1648497	1721931	1674347	2.46	cps
Chlorine	35-2	14216	14583	14591	14463	1.48	cps
Chromium	52-2	3464	3480	3534	3493	1.05	cps
Cobalt	59-2	39970	40608	40023	40200	0.88	cps
Copper	63-2	92626	90912	92603	92047	1.07	cps
Dysprosium	156-1	267	267	250	261	3.69	cps
Dysprosium	156-2	130	133	97	120	16.90	cps
Erbium	164-1	275	333	283	297	10.62	cps
Erbium	164-2	127	127	133	129	2.99	cps
Gadolinium	160-1	350	342	392	361	7.42	cps
Gadolinium	160-2	233	190	183	202	13.43	cps
Holmium	165-1	11231120	11601939	11038847	11290635	2.54	cps
Holmium	165-2	5655452	5779194	5739591	5724746	1.10	cps
Indium	115-1	10591386	10692203	10367944	10550511	1.57	cps
Indium	115-2	1832766	1931023	1902145	1888645	2.67	cps
Iron	54-2	1482587	1473995	1499864	1485482	0.89	cps
Iron	56-2	26745649	26651037	26641076	26679254	0.22	cps
Iron	57-2	646231	640608	636339	641059	0.77	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:23:27	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	980	1020	994	2.23	cps
Lead	206-1	30820	31667	30603	31030	1.81	cps
Lead	207-1	25214	25515	24991	25240	1.04	cps
Lead	208-1	120204	119012	119262	119493	0.53	cps
Lithium	6-1	3404802	3598394	3475853	3493016	2.80	cps
Magnesium	24-2	2683424	2691206	2687076	2687235	0.14	cps
Manganese	55-2	5645898	5553036	5542921	5580618	1.02	cps
Molybdenum	94-1	1525	1658	1542	1575	4.61	cps
Molybdenum	95-1	1450	1625	1433	1503	7.07	cps
Molybdenum	96-1	1925	1909	1809	1881	3.36	cps
Molybdenum	97-1	842	675	800	772	11.23	cps
Molybdenum	98-1	1725	1783	1675	1728	3.14	cps
Neodymium	150-1	273	307	287	289	5.81	cps
Neodymium	150-2	73	127	77	92	32.40	cps
Nickel	60-2	16403	15185	15766	15784	3.86	cps
Phosphorus	31-2	175	175	167	172	2.80	cps
Potassium	39-2	756565	747247	753556	752456	0.63	cps
Rhodium	103-1	10237146	10247621	9974745	10153171	1.52	cps
Rhodium	103-2	4976240	5158759	5135411	5090137	1.95	cps
Scandium	45-1	7991182	7984052	7903619	7959618	0.61	cps
Scandium	45-2	285740	299389	290760	291963	2.36	cps
Selenium	82-1	93	101	61	85	25.00	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	118	114	96	109	10.72	cps
Silicon	28-1	42445763	42879245	42700869	42675292	0.51	cps
Silver	107-1	408	267	292	322	23.47	cps
Silver	109-1	292	208	150	217	32.86	cps
Sodium	23-2	15153415	15097045	15233310	15161257	0.45	cps
Strontium	86-1	449091	451020	446186	448766	0.54	cps
Strontium	88-1	3937530	3906222	3979176	3940976	0.93	cps
Sulfur	34-1	2588863	2572372	2576925	2579386	0.33	cps
Terbium	159-1	12034573	11979214	11940537	11984775	0.39	cps
Terbium	159-2	5625539	5824303	5844759	5764867	2.10	cps
Thallium	203-1	575	525	658	586	11.49	cps
Thallium	205-1	1467	1300	1658	1475	12.16	cps
Tin	118-1	11063	11205	11530	11266	2.13	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:23:27	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1167	975	1150	1097	9.68	cps
Uranium	238-1	550	467	450	489	10.96	cps
Vanadium	51-2	473	497	510	493	3.76	cps
Ytterbium	172-1	167	192	200	186	9.32	cps
Ytterbium	172-2	106	78	94	93	15.10	cps
Ytterbium	176-1	1458	1350	1275	1361	6.77	cps
Ytterbium	176-2	3623	3990	3773	3795	4.86	cps
Yttrium	89-1	25997370	26696582	26244816	26312923	1.35	cps
Yttrium	89-2	3190326	3327558	3332885	3283590	2.46	cps
Zinc	66-2	17181	17164	17020	17122	0.51	cps
Zirconium	90-1	2484	2375	2250	2370	4.93	cps
Zirconium	91-1	433	550	383	456	18.77	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:26:22	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11882	12851	11601	12112	5.42	cps
Antimony	121-1	3292	3259	3150	3234	2.29	cps
Arsenic	75-2	315	327	285	309	7.00	cps
Barium	135-1	126330	126464	127901	126898	0.69	cps
Barium	137-1	218961	222540	220213	220571	0.82	cps
Beryllium	9-1	96	102	102	100	3.46	cps
Bismuth	209-1	6573595	6240262	6540135	6451331	2.85	cps
Bismuth	209-2	3832564	3750052	3560803	3714473	3.75	cps
Boron	10-1	21135	22589	22487	22070	3.68	cps
Boron	11-1	106607	108843	110847	108766	1.95	cps
Bromine	81-1	118790	129465	138306	128854	7.58	cps
Cadmium	111-1	741	639	688	689	7.41	cps
Cadmium	106-1	6510	5943	6026	6160	4.97	cps
Cadmium	108-1	50	79	33	54	42.84	cps
Calcium	43-1	1009978	1011314	1006308	1009200	0.26	cps
Calcium	44-1	16669404	17371938	17026065	17022469	2.06	cps
Carbon	12-1	11682435	12590822	13398913	12557390	6.84	cps
Carbon	12-2	165064	165154	173485	167901	2.88	cps
Chlorine	35-1	2131984	2226570	2356725	2238426	5.04	cps
Chlorine	35-2	21383	21508	22460	21784	2.70	cps
Chromium	52-2	3834	3734	3941	3836	2.69	cps
Cobalt	59-2	1977	1890	1997	1955	2.90	cps
Copper	63-2	15495	15245	15195	15312	1.05	cps
Dysprosium	156-1	917	975	967	953	3.31	cps
Dysprosium	156-2	420	453	477	450	6.33	cps
Erbium	164-1	533	517	500	517	3.23	cps
Erbium	164-2	193	280	247	240	18.22	cps
Gadolinium	160-1	1017	967	958	981	3.22	cps
Gadolinium	160-2	603	660	620	628	4.64	cps
Holmium	165-1	11428748	11525427	11137100	11363758	1.78	cps
Holmium	165-2	5767243	5779397	5432463	5659701	3.48	cps
Indium	115-1	10783120	10688426	10224238	10565261	2.83	cps
Indium	115-2	1943647	1855688	1796765	1865367	3.96	cps
Iron	54-2	74092	72511	74287	73630	1.32	cps
Iron	56-2	1364170	1320664	1312023	1332286	2.10	cps
Iron	57-2	33646	33974	33969	33863	0.56	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:26:22	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	920	900	900	907	1.27	cps
Lead	206-1	6680	6746	6813	6746	0.99	cps
Lead	207-1	5346	5529	5618	5498	2.53	cps
Lead	208-1	25978	26155	26511	26215	1.04	cps
Lithium	6-1	3620325	3526789	3563004	3570040	1.32	cps
Magnesium	24-2	2925225	2915724	2913678	2918209	0.21	cps
Manganese	55-2	222859	218941	224750	222183	1.33	cps
Molybdenum	94-1	8670	8536	12766	9991	24.07	cps
Molybdenum	95-1	12956	12464	12448	12623	2.29	cps
Molybdenum	96-1	14016	13098	13949	13688	3.74	cps
Molybdenum	97-1	7127	7385	7519	7344	2.71	cps
Molybdenum	98-1	19873	20107	19447	19809	1.69	cps
Neodymium	150-1	487	560	693	580	18.07	cps
Neodymium	150-2	263	333	213	270	22.33	cps
Nickel	60-2	2534	2384	2260	2392	5.72	cps
Phosphorus	31-2	3275	2792	2942	3003	8.24	cps
Potassium	39-2	888417	871377	879221	879672	0.97	cps
Rhodium	103-1	10505863	10097259	10112321	10238481	2.26	cps
Rhodium	103-2	5187604	4984571	4799987	4990721	3.88	cps
Scandium	45-1	8043952	8189815	8004754	8079507	1.21	cps
Scandium	45-2	291799	292290	275233	286441	3.39	cps
Selenium	82-1	84	122	115	107	18.86	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	92	80	86	86	6.98	cps
Silicon	28-1	30281037	30349672	30465510	30365406	0.31	cps
Silver	107-1	375	350	383	369	4.70	cps
Silver	109-1	383	417	267	356	22.15	cps
Sodium	23-2	19608547	18989392	19140172	19246037	1.68	cps
Strontium	86-1	606695	614183	610833	610570	0.61	cps
Strontium	88-1	5383053	5289834	5258099	5310329	1.22	cps
Sulfur	34-1	958666	952293	963379	958113	0.58	cps
Terbium	159-1	11966666	11894300	12237475	12032814	1.50	cps
Terbium	159-2	5603221	5716709	5408637	5576189	2.79	cps
Thallium	203-1	508	642	658	603	13.64	cps
Thallium	205-1	1417	1275	1308	1333	5.56	cps
Tin	118-1	7369	7836	7936	7714	3.92	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:26:22	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8253	7852	7619	7908	4.05	cps
Uranium	238-1	4017	3784	4076	3959	3.90	cps
Vanadium	51-2	2877	2967	3000	2948	2.16	cps
Ytterbium	172-1	150	217	258	208	26.23	cps
Ytterbium	172-2	117	144	150	137	13.03	cps
Ytterbium	176-1	1608	1317	1650	1525	11.91	cps
Ytterbium	176-2	3539	3751	3384	3558	5.17	cps
Yttrium	89-1	26312776	26308400	26172121	26264433	0.30	cps
Yttrium	89-2	3372104	3260107	3099886	3244032	4.22	cps
Zinc	66-2	14050	13840	14287	14059	1.59	cps
Zirconium	90-1	2667	2992	2925	2861	6.00	cps
Zirconium	91-1	633	525	617	592	9.86	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:29:21	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	945	947	965	952	1.14	cps
Antimony	121-1	3792	4217	3834	3948	5.94	cps
Arsenic	75-2	291	302	324	306	5.50	cps
Barium	135-1	116717	117525	118030	117424	0.56	cps
Barium	137-1	205244	202926	207908	205360	1.21	cps
Beryllium	9-1	86	74	62	74	16.21	cps
Bismuth	209-1	6438522	7133607	6827069	6799733	5.12	cps
Bismuth	209-2	3712482	3788292	3776584	3759119	1.09	cps
Boron	10-1	21049	22176	22347	21857	3.23	cps
Boron	11-1	105006	109247	113788	109347	4.02	cps
Bromine	81-1	102427	118073	124697	115066	9.94	cps
Cadmium	111-1	650	725	678	684	5.58	cps
Cadmium	106-1	5843	6910	6302	6352	8.43	cps
Cadmium	108-1	38	58	33	43	31.11	cps
Calcium	43-1	1044464	1031001	1049595	1041687	0.92	cps
Calcium	44-1	17076213	17520971	17441477	17346220	1.37	cps
Carbon	12-1	11532740	12072010	12724704	12109818	4.93	cps
Carbon	12-2	156689	162485	167212	162128	3.25	cps
Chlorine	35-1	2564022	2707915	2777373	2683103	4.06	cps
Chlorine	35-2	23778	24797	24747	24441	2.35	cps
Chromium	52-2	1900	1743	1920	1855	5.22	cps
Cobalt	59-2	943	1093	1010	1016	7.40	cps
Copper	63-2	38893	38836	39151	38960	0.43	cps
Dysprosium	156-1	725	550	717	664	14.87	cps
Dysprosium	156-2	330	280	330	313	9.21	cps
Erbium	164-1	125	150	158	144	12.01	cps
Erbium	164-2	93	70	103	89	19.24	cps
Gadolinium	160-1	725	717	833	758	8.58	cps
Gadolinium	160-2	390	483	393	422	12.54	cps
Holmium	165-1	11201619	12514125	11862023	11859256	5.53	cps
Holmium	165-2	5662508	5658297	5813292	5711366	1.55	cps
Indium	115-1	10277054	11396039	10606123	10759739	5.34	cps
Indium	115-2	1845349	1890221	1893606	1876392	1.44	cps
Iron	54-2	9892	8975	9009	9292	5.60	cps
Iron	56-2	152163	154836	156096	154365	1.30	cps
Iron	57-2	4712	4845	4768	4775	1.40	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:29:21	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	1043	950	973	6.34	cps
Lead	206-1	4845	5151	4901	4966	3.28	cps
Lead	207-1	4418	4156	4017	4197	4.84	cps
Lead	208-1	19339	19962	19139	19480	2.20	cps
Lithium	6-1	3465399	3926871	3584309	3658860	6.55	cps
Magnesium	24-2	2960959	2951382	2882952	2931764	1.45	cps
Manganese	55-2	81751	81690	82906	82115	0.83	cps
Molybdenum	94-1	7769	7811	7677	7752	0.88	cps
Molybdenum	95-1	12531	12306	12564	12467	1.13	cps
Molybdenum	96-1	13974	13298	13699	13657	2.49	cps
Molybdenum	97-1	8545	8378	7536	8153	6.63	cps
Molybdenum	98-1	19623	19097	20724	19815	4.19	cps
Neodymium	150-1	60	53	47	53	12.50	cps
Neodymium	150-2	23	33	37	31	22.31	cps
Nickel	60-2	2364	2277	2254	2298	2.52	cps
Phosphorus	31-2	2809	2617	2867	2764	4.73	cps
Potassium	39-2	871986	876272	889684	879314	1.05	cps
Rhodium	103-1	9656974	11031659	10509749	10399460	6.67	cps
Rhodium	103-2	4979741	5099967	5058363	5046024	1.21	cps
Scandium	45-1	7748199	8831875	8239091	8273055	6.56	cps
Scandium	45-2	286369	290232	295324	290642	1.55	cps
Selenium	82-1	110	57	95	88	31.05	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	82	88	87	86	3.75	cps
Silicon	28-1	30676983	29113014	30222022	30004006	2.68	cps
Silver	107-1	300	292	150	247	34.10	cps
Silver	109-1	225	258	217	233	9.45	cps
Sodium	23-2	19577854	19798127	19759755	19711912	0.60	cps
Strontium	86-1	618277	619755	630897	622976	1.11	cps
Strontium	88-1	5449877	5422579	5508664	5460373	0.81	cps
Sulfur	34-1	958648	968703	990625	972659	1.68	cps
Terbium	159-1	11767590	13144896	12125452	12345980	5.79	cps
Terbium	159-2	5661763	5798736	5754702	5738400	1.22	cps
Thallium	203-1	675	592	558	608	9.88	cps
Thallium	205-1	1425	1442	1192	1353	10.33	cps
Tin	118-1	11397	10905	11080	11127	2.24	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:29:21	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1167	1133	1050	1117	5.38	cps
Uranium	238-1	3542	3684	3651	3626	2.04	cps
Vanadium	51-2	2284	2320	2227	2277	2.07	cps
Ytterbium	172-1	100	192	92	128	43.42	cps
Ytterbium	172-2	117	100	28	81	57.99	cps
Ytterbium	176-1	1433	1542	1425	1467	4.44	cps
Ytterbium	176-2	3484	3767	3684	3645	4.00	cps
Yttrium	89-1	25676375	28832294	26846498	27118389	5.88	cps
Yttrium	89-2	3286358	3313159	3295830	3298449	0.41	cps
Zinc	66-2	15856	16680	16326	16287	2.54	cps
Zirconium	90-1	1850	1667	2050	1856	10.33	cps
Zirconium	91-1	525	333	367	408	25.08	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:32:17	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9040	9139	8255	8811	5.50	cps
Antimony	121-1	1267	1083	1042	1131	10.59	cps
Arsenic	75-2	218	225	226	223	1.96	cps
Barium	135-1	111887	109307	111770	110988	1.31	cps
Barium	137-1	188444	188148	193634	190075	1.62	cps
Beryllium	9-1	98	76	90	88	12.65	cps
Bismuth	209-1	6455448	6765777	6709254	6643493	2.49	cps
Bismuth	209-2	3929524	3850994	3835797	3872105	1.30	cps
Boron	10-1	12491	13454	13712	13219	4.87	cps
Boron	11-1	64301	65400	66501	65401	1.68	cps
Bromine	81-1	77934	86675	88720	84443	6.78	cps
Cadmium	111-1	650	734	737	707	6.98	cps
Cadmium	106-1	6118	6377	6460	6318	2.82	cps
Cadmium	108-1	58	29	54	47	33.40	cps
Calcium	43-1	892150	893887	900032	895357	0.46	cps
Calcium	44-1	14882559	15276252	15228573	15129128	1.42	cps
Carbon	12-1	11212900	12656856	12786622	12218793	7.15	cps
Carbon	12-2	159207	164548	165484	163080	2.08	cps
Chlorine	35-1	2521308	2553953	2623334	2566198	2.03	cps
Chlorine	35-2	21633	22176	23711	22507	4.79	cps
Chromium	52-2	2530	2520	2590	2547	1.49	cps
Cobalt	59-2	993	983	1027	1001	2.27	cps
Copper	63-2	7909	7882	7705	7832	1.41	cps
Dysprosium	156-1	358	375	367	367	2.27	cps
Dysprosium	156-2	240	263	220	241	9.00	cps
Erbium	164-1	408	433	358	400	9.55	cps
Erbium	164-2	197	153	190	180	12.96	cps
Gadolinium	160-1	600	550	550	567	5.09	cps
Gadolinium	160-2	257	323	283	288	11.66	cps
Holmium	165-1	11453781	11470892	11292945	11405873	0.86	cps
Holmium	165-2	5815398	5707930	5900737	5808022	1.66	cps
Indium	115-1	10483460	10666192	10689678	10613110	1.06	cps
Indium	115-2	1875841	1930627	1957558	1921342	2.17	cps
Iron	54-2	31480	30783	31446	31237	1.26	cps
Iron	56-2	550080	554138	543303	549173	1.00	cps
Iron	57-2	14830	14485	14613	14643	1.19	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:32:17	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	817	977	1000	931	10.72	cps
Lead	206-1	5096	4790	4923	4936	3.10	cps
Lead	207-1	3901	4101	3878	3960	3.09	cps
Lead	208-1	19350	18911	19495	19252	1.58	cps
Lithium	6-1	3509219	3751255	3543535	3601336	3.64	cps
Magnesium	24-2	2532532	2506174	2558387	2532364	1.03	cps
Manganese	55-2	49773	49275	48900	49316	0.89	cps
Molybdenum	94-1	12657	12281	12097	12345	2.31	cps
Molybdenum	95-1	20240	19564	19881	19895	1.70	cps
Molybdenum	96-1	21275	21901	22310	21829	2.39	cps
Molybdenum	97-1	12147	12514	12648	12436	2.08	cps
Molybdenum	98-1	32180	31110	32973	32088	2.91	cps
Neodymium	150-1	520	500	453	491	6.97	cps
Neodymium	150-2	147	173	180	167	10.58	cps
Nickel	60-2	1103	1170	1030	1101	6.36	cps
Phosphorus	31-2	450	458	533	481	9.55	cps
Potassium	39-2	546397	554879	549792	550356	0.78	cps
Rhodium	103-1	10298130	10227424	10186894	10237483	0.55	cps
Rhodium	103-2	5192207	5170609	5113095	5158637	0.79	cps
Scandium	45-1	8038198	8244929	8000304	8094477	1.63	cps
Scandium	45-2	296062	295235	295504	295600	0.14	cps
Selenium	82-1	221	31	25	92	120.67	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	100	103	113	105	6.46	cps
Silicon	28-1	28549454	28225668	28509790	28428304	0.62	cps
Silver	107-1	208	192	283	228	21.44	cps
Silver	109-1	158	183	192	178	9.76	cps
Sodium	23-2	12879868	12962581	13315327	13052592	1.77	cps
Strontium	86-1	533078	534957	544815	537617	1.17	cps
Strontium	88-1	4673415	4630076	4704082	4669191	0.80	cps
Sulfur	34-1	759162	751781	762446	757796	0.72	cps
Terbium	159-1	11897654	12576298	12267212	12247055	2.77	cps
Terbium	159-2	5700413	5710012	5669865	5693430	0.37	cps
Thallium	203-1	600	583	550	578	4.41	cps
Thallium	205-1	1333	1242	1158	1245	7.03	cps
Tin	118-1	6969	6810	7035	6938	1.67	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:32:17	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6519	5251	5718	5829	11.00	cps
Uranium	238-1	5835	5935	5385	5718	5.13	cps
Vanadium	51-2	2394	2560	2460	2471	3.39	cps
Ytterbium	172-1	208	292	217	239	19.21	cps
Ytterbium	172-2	117	117	161	131	19.52	cps
Ytterbium	176-1	1408	1533	1442	1461	4.43	cps
Ytterbium	176-2	3528	3890	3706	3708	4.87	cps
Yttrium	89-1	26696681	26752419	26257365	26568822	1.02	cps
Yttrium	89-2	3322847	3253515	3337063	3304475	1.35	cps
Zinc	66-2	11391	11832	11622	11615	1.90	cps
Zirconium	90-1	1917	1850	2117	1961	7.08	cps
Zirconium	91-1	567	367	492	475	21.28	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:35:17	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	796	795	777	790	1.33	cps
Antimony	121-1	1483	1533	1542	1520	2.08	cps
Arsenic	75-2	158	149	169	159	6.31	cps
Barium	135-1	91552	94269	94614	93479	1.79	cps
Barium	137-1	159815	164907	163067	162596	1.59	cps
Beryllium	9-1	96	70	80	82	15.99	cps
Bismuth	209-1	5896296	5534350	6178521	5869722	5.50	cps
Bismuth	209-2	3837137	3844213	3855035	3845462	0.23	cps
Boron	10-1	11402	11937	12013	11784	2.82	cps
Boron	11-1	55656	59266	59099	58007	3.51	cps
Bromine	81-1	72601	79980	81529	78036	6.11	cps
Cadmium	111-1	600	611	683	631	7.16	cps
Cadmium	106-1	5518	5326	6118	5654	7.31	cps
Cadmium	108-1	50	38	29	39	26.96	cps
Calcium	43-1	791829	805810	787242	794960	1.22	cps
Calcium	44-1	13594921	13761300	13524522	13626914	0.89	cps
Carbon	12-1	10843872	11457872	12405857	11569200	6.80	cps
Carbon	12-2	153338	152831	153866	153345	0.34	cps
Chlorine	35-1	2365563	2430236	2461393	2419064	2.02	cps
Chlorine	35-2	20891	21041	20957	20963	0.36	cps
Chromium	52-2	1820	1670	1827	1772	5.00	cps
Cobalt	59-2	620	563	603	596	4.89	cps
Copper	63-2	12789	12993	12913	12898	0.80	cps
Dysprosium	156-1	150	133	158	147	8.65	cps
Dysprosium	156-2	57	93	100	83	28.00	cps
Erbium	164-1	192	250	150	197	25.47	cps
Erbium	164-2	87	90	73	83	10.59	cps
Gadolinium	160-1	217	258	217	231	10.43	cps
Gadolinium	160-2	153	160	190	168	11.64	cps
Holmium	165-1	10393564	9686819	11200371	10426918	7.26	cps
Holmium	165-2	5892111	5754867	5699175	5782051	1.72	cps
Indium	115-1	9361179	8717151	10203780	9427370	7.91	cps
Indium	115-2	1894142	1908790	1875759	1892897	0.87	cps
Iron	54-2	5940	5768	5990	5899	1.98	cps
Iron	56-2	98398	98152	100367	98973	1.23	cps
Iron	57-2	2739	3006	3345	3030	10.02	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:35:17	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	913	963	982	8.15	cps
Lead	206-1	4140	3828	3895	3954	4.14	cps
Lead	207-1	3256	3217	3401	3291	2.94	cps
Lead	208-1	15732	15104	15304	15380	2.09	cps
Lithium	6-1	3464669	3127689	3462425	3351594	5.79	cps
Magnesium	24-2	2215410	2224974	2216188	2218857	0.24	cps
Manganese	55-2	14118	13285	13328	13577	3.46	cps
Molybdenum	94-1	11138	11046	11030	11071	0.53	cps
Molybdenum	95-1	17653	17870	17470	17664	1.14	cps
Molybdenum	96-1	18930	18671	18438	18680	1.32	cps
Molybdenum	97-1	10754	10821	10688	10754	0.62	cps
Molybdenum	98-1	28154	29131	27862	28382	2.34	cps
Neodymium	150-1	67	60	107	78	32.45	cps
Neodymium	150-2	30	47	17	31	48.31	cps
Nickel	60-2	890	933	930	918	2.63	cps
Phosphorus	31-2	208	333	358	300	26.79	cps
Potassium	39-2	480668	480989	476337	479331	0.54	cps
Rhodium	103-1	9263740	8652246	9852367	9256118	6.48	cps
Rhodium	103-2	5107406	5232499	5085107	5141671	1.55	cps
Scandium	45-1	7518717	6727511	7761013	7335747	7.37	cps
Scandium	45-2	288798	289084	287869	288583	0.22	cps
Selenium	82-1	15	135	57	69	87.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	100	100	98	4.14	cps
Silicon	28-1	24264918	24612231	25083252	24653467	1.67	cps
Silver	107-1	167	142	183	164	12.80	cps
Silver	109-1	192	158	208	186	13.68	cps
Sodium	23-2	11567988	11309390	11613184	11496854	1.43	cps
Strontium	86-1	463658	482678	473012	473116	2.01	cps
Strontium	88-1	4096570	4114089	4080332	4096997	0.41	cps
Sulfur	34-1	714099	721804	722526	719477	0.65	cps
Terbium	159-1	11172483	10360112	11760283	11097626	6.34	cps
Terbium	159-2	5646160	5752130	5619882	5672724	1.23	cps
Thallium	203-1	533	533	650	572	11.77	cps
Thallium	205-1	1475	1333	1242	1350	8.71	cps
Tin	118-1	6902	6919	7135	6985	1.86	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:35:17	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1167	808	883	953	19.84	cps
Uranium	238-1	4293	4968	4668	4643	7.29	cps
Vanadium	51-2	1617	1640	1617	1625	0.83	cps
Ytterbium	172-1	83	258	108	150	63.10	cps
Ytterbium	172-2	78	94	78	83	11.55	cps
Ytterbium	176-1	1200	1225	1325	1250	5.29	cps
Ytterbium	176-2	3389	3639	3778	3602	5.47	cps
Yttrium	89-1	24690343	21881226	24805751	23792440	6.96	cps
Yttrium	89-2	3344954	3301890	3177874	3274906	2.65	cps
Zinc	66-2	15602	15438	15372	15471	0.77	cps
Zirconium	90-1	1525	1667	1708	1633	5.88	cps
Zirconium	91-1	308	283	267	286	7.33	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:38:14	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14070	14467	13850	14129	2.21	cps
Antimony	121-1	1734	1550	1825	1703	8.22	cps
Arsenic	75-2	2232	2172	2122	2176	2.53	cps
Barium	135-1	367424	364413	362708	364848	0.65	cps
Barium	137-1	641537	639829	650513	643960	0.89	cps
Beryllium	9-1	174	190	204	189	7.93	cps
Bismuth	209-1	6442392	6232092	6603538	6426007	2.90	cps
Bismuth	209-2	3879241	3851349	3907467	3879352	0.72	cps
Boron	10-1	24688	25994	26871	25851	4.25	cps
Boron	11-1	123742	130058	134558	129453	4.20	cps
Bromine	81-1	120125	145332	157753	141070	13.59	cps
Cadmium	111-1	677	709	711	699	2.73	cps
Cadmium	106-1	5976	6018	6402	6132	3.82	cps
Cadmium	108-1	29	38	71	46	48.10	cps
Calcium	43-1	879809	884020	882413	882081	0.24	cps
Calcium	44-1	14803163	14937544	14775410	14838706	0.58	cps
Carbon	12-1	15258483	16167757	16487459	15971233	3.99	cps
Carbon	12-2	206656	208989	206656	207434	0.65	cps
Chlorine	35-1	2136922	2182753	2193540	2171072	1.38	cps
Chlorine	35-2	18354	18087	18270	18237	0.75	cps
Chromium	52-2	7942	7419	8046	7802	4.31	cps
Cobalt	59-2	40661	40477	40294	40477	0.45	cps
Copper	63-2	23994	23346	23904	23748	1.48	cps
Dysprosium	156-1	2842	2392	2659	2631	8.60	cps
Dysprosium	156-2	1380	1250	1293	1308	5.06	cps
Erbium	164-1	2192	2675	2492	2453	9.95	cps
Erbium	164-2	1063	1093	1120	1092	2.60	cps
Gadolinium	160-1	2759	2542	2717	2673	4.30	cps
Gadolinium	160-2	1607	1607	1500	1571	3.92	cps
Holmium	165-1	11484567	11142345	11554494	11393802	1.94	cps
Holmium	165-2	5704014	5858031	5725718	5762588	1.45	cps
Indium	115-1	10122465	10380739	10674205	10392470	2.66	cps
Indium	115-2	1883637	1909619	1899478	1897578	0.69	cps
Iron	54-2	5638267	5650321	5471308	5586632	1.79	cps
Iron	56-2	103083816	102382380	101144383	102203526	0.96	cps
Iron	57-2	2633333	2629351	2576311	2612998	1.22	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:38:14	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	927	870	913	4.21	cps
Lead	206-1	10143	10015	10538	10232	2.66	cps
Lead	207-1	8147	8319	8442	8303	1.78	cps
Lead	208-1	39213	40131	39285	39543	1.29	cps
Lithium	6-1	3461194	3454214	3628599	3514669	2.81	cps
Magnesium	24-2	2572244	2574277	2507956	2551493	1.48	cps
Manganese	55-2	5331916	5376298	5277465	5328559	0.93	cps
Molybdenum	94-1	7659	3476	4118	5084	44.31	cps
Molybdenum	95-1	3100	3867	3451	3473	11.06	cps
Molybdenum	96-1	6185	5568	5793	5849	5.34	cps
Molybdenum	97-1	1850	2042	1775	1889	7.28	cps
Molybdenum	98-1	4876	5118	4893	4962	2.72	cps
Neodymium	150-1	3921	3761	3894	3858	2.22	cps
Neodymium	150-2	1417	1393	1483	1431	3.26	cps
Nickel	60-2	17020	16466	16069	16519	2.89	cps
Phosphorus	31-2	900	867	1117	961	14.12	cps
Potassium	39-2	726280	704148	714430	714953	1.55	cps
Rhodium	103-1	10135085	10103506	10439711	10226101	1.82	cps
Rhodium	103-2	5064909	5157044	5082990	5101648	0.96	cps
Scandium	45-1	7838189	7965765	8030858	7944938	1.23	cps
Scandium	45-2	293146	294258	291174	292859	0.53	cps
Selenium	82-1	165	166	247	192	24.40	cps
Selenium	77-2	10	20	20	17	34.64	cps
Selenium	78-2	109	97	112	106	7.49	cps
Silicon	28-1	46899833	46074724	45454032	46142863	1.57	cps
Silver	107-1	1350	1050	1050	1150	15.06	cps
Silver	109-1	975	1117	1200	1097	10.37	cps
Sodium	23-2	14657747	14415125	14338308	14470393	1.15	cps
Strontium	86-1	423571	437326	427395	429430	1.65	cps
Strontium	88-1	3799067	3738735	3745621	3761141	0.88	cps
Sulfur	34-1	2539420	2501498	2457129	2499349	1.65	cps
Terbium	159-1	11574661	11805614	12319923	11900066	3.21	cps
Terbium	159-2	5788791	5834485	5743188	5788821	0.79	cps
Thallium	203-1	542	700	567	603	14.12	cps
Thallium	205-1	1458	1483	1442	1461	1.44	cps
Tin	118-1	11013	11438	11188	11213	1.91	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:38:14	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5926	7940	5618	6495	19.41	cps
Uranium	238-1	1659	1458	1825	1647	11.15	cps
Vanadium	51-2	4541	4461	4357	4453	2.06	cps
Ytterbium	172-1	1033	900	867	933	9.45	cps
Ytterbium	172-2	556	561	533	550	2.67	cps
Ytterbium	176-1	1900	1942	1942	1928	1.25	cps
Ytterbium	176-2	3628	4012	3767	3802	5.11	cps
Yttrium	89-1	25919724	25628053	26543461	26030413	1.80	cps
Yttrium	89-2	3284844	3404431	3247589	3312288	2.47	cps
Zinc	66-2	21390	21510	21697	21532	0.72	cps
Zirconium	90-1	4809	4818	5143	4923	3.86	cps
Zirconium	91-1	1150	1075	1017	1081	6.19	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:41:10	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	872	836	772	827	6.12	cps
Antimony	121-1	2009	1708	1784	1834	8.52	cps
Arsenic	75-2	258	258	249	255	2.04	cps
Barium	135-1	291932	297741	298826	296166	1.25	cps
Barium	137-1	521470	517720	513810	517667	0.74	cps
Beryllium	9-1	114	110	100	108	6.68	cps
Bismuth	209-1	6688752	6335268	6272334	6432118	3.49	cps
Bismuth	209-2	3987082	3759967	3953434	3900161	3.14	cps
Boron	10-1	23378	24365	24786	24176	2.99	cps
Boron	11-1	114973	118524	124875	119457	4.20	cps
Bromine	81-1	164274	189419	203416	185703	10.68	cps
Cadmium	111-1	685	656	663	668	2.28	cps
Cadmium	106-1	5893	5910	5660	5821	2.40	cps
Cadmium	108-1	54	63	58	58	7.14	cps
Calcium	43-1	737606	748529	750387	745507	0.93	cps
Calcium	44-1	12535740	12632073	12584985	12584266	0.38	cps
Carbon	12-1	11283400	12207421	12775649	12088823	6.23	cps
Carbon	12-2	160615	159956	167010	162527	2.40	cps
Chlorine	35-1	2149890	2122530	2195234	2155885	1.70	cps
Chlorine	35-2	19130	19247	18204	18860	3.03	cps
Chromium	52-2	2887	2747	2930	2855	3.36	cps
Cobalt	59-2	38218	38412	37937	38189	0.62	cps
Copper	63-2	51085	50429	51152	50889	0.78	cps
Dysprosium	156-1	92	125	117	111	15.61	cps
Dysprosium	156-2	93	73	83	83	12.00	cps
Erbium	164-1	250	233	158	214	22.83	cps
Erbium	164-2	73	103	113	97	21.54	cps
Gadolinium	160-1	175	225	192	197	12.91	cps
Gadolinium	160-2	153	173	150	159	7.94	cps
Holmium	165-1	11250348	11153668	11103276	11169097	0.67	cps
Holmium	165-2	6016203	5793565	5929996	5913254	1.90	cps
Indium	115-1	10360312	10262665	9946029	10189669	2.13	cps
Indium	115-2	1931815	1937146	1914270	1927744	0.62	cps
Iron	54-2	1090782	1081347	1060192	1077440	1.45	cps
Iron	56-2	20400034	19798149	19893823	20030669	1.61	cps
Iron	57-2	485435	485719	486820	485991	0.15	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:41:10	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	930	1007	957	4.53	cps
Lead	206-1	3639	3601	3745	3662	2.04	cps
Lead	207-1	3228	2989	3178	3132	4.02	cps
Lead	208-1	14620	14003	14203	14276	2.20	cps
Lithium	6-1	3605719	3247976	3359374	3404356	5.38	cps
Magnesium	24-2	2307687	2291760	2298939	2299462	0.35	cps
Manganese	55-2	4913076	4802892	4831355	4849108	1.18	cps
Molybdenum	94-1	1508	1358	942	1270	23.13	cps
Molybdenum	95-1	1350	1083	917	1117	19.58	cps
Molybdenum	96-1	1583	1617	1225	1475	14.72	cps
Molybdenum	97-1	767	450	442	553	33.52	cps
Molybdenum	98-1	1517	1350	1000	1289	20.46	cps
Neodymium	150-1	173	167	147	162	8.56	cps
Neodymium	150-2	53	43	53	50	11.55	cps
Nickel	60-2	13043	13069	12823	12978	1.04	cps
Phosphorus	31-2	200	183	225	203	10.34	cps
Potassium	39-2	548396	549875	547765	548679	0.20	cps
Rhodium	103-1	10399763	9879769	9960933	10080155	2.78	cps
Rhodium	103-2	5164028	5200066	5084267	5149454	1.15	cps
Scandium	45-1	8060991	7691695	7573747	7775478	3.27	cps
Scandium	45-2	300375	295200	292104	295893	1.41	cps
Selenium	82-1	106	121	92	106	13.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	107	104	87	99	10.86	cps
Silicon	28-1	41667685	40914408	41523403	41368499	0.97	cps
Silver	107-1	283	242	175	233	23.42	cps
Silver	109-1	200	175	167	181	9.61	cps
Sodium	23-2	13010832	12952251	12917064	12960049	0.37	cps
Strontium	86-1	388323	390683	391606	390204	0.43	cps
Strontium	88-1	3340093	3411863	3454249	3402068	1.70	cps
Sulfur	34-1	2148293	2087198	2107254	2114248	1.47	cps
Terbium	159-1	12218726	11472176	11703184	11798028	3.24	cps
Terbium	159-2	5902698	5986952	5750524	5880058	2.04	cps
Thallium	203-1	617	492	508	539	12.59	cps
Thallium	205-1	1400	1525	1492	1472	4.40	cps
Tin	118-1	4976	5893	5626	5498	8.58	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:41:10	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1208	975	958	1047	13.35	cps
Uranium	238-1	925	575	675	725	24.87	cps
Vanadium	51-2	490	460	450	467	4.46	cps
Ytterbium	172-1	125	233	192	183	29.81	cps
Ytterbium	172-2	83	100	117	100	16.66	cps
Ytterbium	176-1	1275	1250	1350	1292	4.03	cps
Ytterbium	176-2	3601	3473	3784	3619	4.32	cps
Yttrium	89-1	26326803	25548777	25356695	25744092	2.00	cps
Yttrium	89-2	3392712	3317138	3282097	3330649	1.70	cps
Zinc	66-2	18345	17624	17491	17820	2.58	cps
Zirconium	90-1	2592	2084	2025	2234	13.96	cps
Zirconium	91-1	475	442	517	478	7.86	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCV90 Instrumnet Name : P8
 Client Sample ID : CCV90 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 15:48:13 DataFile Name : 058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4377199	4479142	4298685	4385009	2.06	cps
Antimony	121-1	4455659	4514795	4456342	4475598	0.76	cps
Arsenic	75-2	158845	159375	155883	158034	1.19	cps
Barium	135-1	5801697	5815221	5756676	5791198	0.53	cps
Barium	137-1	10152651	10327376	10046063	10175363	1.40	cps
Beryllium	9-1	1127171	1140828	1143848	1137283	0.78	cps
Bismuth	209-1	5956650	6082029	6037135	6025271	1.05	cps
Bismuth	209-2	3551460	3527097	3874589	3651048	5.31	cps
Boron	10-1	109109	113023	115137	112423	2.72	cps
Boron	11-1	518524	554266	566321	546370	4.55	cps
Bromine	81-1	27846	27616	27204	27555	1.18	cps
Cadmium	111-1	1147975	1145347	1153657	1148993	0.37	cps
Cadmium	106-1	131103	137190	132703	133665	2.36	cps
Cadmium	108-1	90818	90444	89530	90264	0.73	cps
Calcium	43-1	8592334	8711358	8752810	8685501	0.96	cps
Calcium	44-1	143640385	142256293	145461768	143786149	1.12	cps
Carbon	12-1	6958241	7022933	7066362	7015845	0.78	cps
Carbon	12-2	90352	89690	88793	89612	0.87	cps
Chlorine	35-1	1444553	1395336	1363973	1401287	2.90	cps
Chlorine	35-2	10287	10621	10821	10576	2.55	cps
Chromium	52-2	1766567	1761491	1741267	1756442	0.76	cps
Cobalt	59-2	3014188	3015939	2954788	2994972	1.16	cps
Copper	63-2	22958725	23468402	23005152	23144093	1.22	cps
Dysprosium	156-1	1150	750	883	928	21.95	cps
Dysprosium	156-2	460	413	430	434	5.44	cps
Erbium	164-1	192	92	200	161	37.42	cps
Erbium	164-2	123	107	113	114	7.33	cps
Gadolinium	160-1	917	850	850	872	4.41	cps
Gadolinium	160-2	483	447	530	487	8.58	cps
Holmium	165-1	11202668	11428567	11230017	11287084	1.09	cps
Holmium	165-2	5698233	5627542	6173267	5833014	5.09	cps
Indium	115-1	9902904	9984236	9776213	9887785	1.06	cps
Indium	115-2	1741846	1763304	1974339	1826497	7.03	cps
Iron	54-2	18489710	18471462	17866518	18275897	1.94	cps
Iron	56-2	338696619	328783996	327001007	331493874	1.90	cps
Iron	57-2	8511189	8419885	8185292	8372122	2.01	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:48:13	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	857	907	918	7.34	cps
Lead	206-1	15122781	15448195	15197875	15256283	1.12	cps
Lead	207-1	13167629	13251958	13002683	13140757	0.96	cps
Lead	208-1	60396441	61588422	59715455	60566772	1.57	cps
Lithium	6-1	3490272	3597236	3532872	3540127	1.52	cps
Magnesium	24-2	61937510	62818924	61407899	62054778	1.15	cps
Manganese	55-2	9102696	9046086	8904283	9017688	1.13	cps
Molybdenum	94-1	11504241	11206168	11239622	11316677	1.44	cps
Molybdenum	95-1	13950575	13579048	13521662	13683762	1.70	cps
Molybdenum	96-1	15280723	14926488	15099005	15102072	1.17	cps
Molybdenum	97-1	8243279	8291505	8317642	8284142	0.46	cps
Molybdenum	98-1	21298566	21438443	21675526	21470845	0.89	cps
Neodymium	150-1	320	333	327	327	2.04	cps
Neodymium	150-2	63	40	67	57	25.64	cps
Nickel	60-2	799386	800535	786835	795585	0.96	cps
Phosphorus	31-2	47738	48992	46509	47746	2.60	cps
Potassium	39-2	26094115	25877511	24941502	25637709	2.39	cps
Rhodium	103-1	9297218	9628048	9552003	9492423	1.83	cps
Rhodium	103-2	4640256	4614142	5154051	4802816	6.34	cps
Scandium	45-1	7916096	8007715	7623164	7848992	2.56	cps
Scandium	45-2	286507	283301	313046	294284	5.55	cps
Selenium	82-1	93187	93758	92743	93229	0.55	cps
Selenium	77-2	3464	3484	3217	3388	4.38	cps
Selenium	78-2	11497	11578	11341	11472	1.05	cps
Silicon	28-1	4260929	4372044	4382489	4338487	1.55	cps
Silver	107-1	6444438	6654996	6431009	6510148	1.93	cps
Silver	109-1	6166255	6097716	6117496	6127155	0.58	cps
Sodium	23-2	120331803	118720069	117866332	118972735	1.05	cps
Strontium	86-1	17240302	17500283	17683749	17474778	1.28	cps
Strontium	88-1	150227374	152431020	151351728	151336708	0.73	cps
Sulfur	34-1	935527	946998	939903	940809	0.62	cps
Terbium	159-1	11942750	12009640	11877219	11943203	0.55	cps
Terbium	159-2	5654701	5556158	6181774	5797544	5.80	cps
Thallium	203-1	3842449	3758019	3827222	3809230	1.18	cps
Thallium	205-1	8813715	9019599	8912136	8915150	1.16	cps
Tin	118-1	3947912	4011899	3818538	3926116	2.51	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:48:13	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4367817	4331219	4240905	4313314	1.51	cps
Uranium	238-1	11606697	11445311	11405203	11485737	0.93	cps
Vanadium	51-2	1413080	1445671	1373013	1410588	2.58	cps
Ytterbium	172-1	100	117	83	100	16.66	cps
Ytterbium	172-2	39	39	39	39	0.00	cps
Ytterbium	176-1	17529	16661	17654	17281	3.13	cps
Ytterbium	176-2	11333	11778	11978	11696	2.82	cps
Yttrium	89-1	25524716	25990183	25767672	25760857	0.90	cps
Yttrium	89-2	3196684	3159630	3535305	3297206	6.28	cps
Zinc	66-2	2653910	2650857	2620982	2641916	0.69	cps
Zirconium	90-1	9447174	9585071	9601241	9544495	0.89	cps
Zirconium	91-1	2184328	2194190	2181094	2186537	0.31	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:59:06	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355	320	360	345	6.32	cps
Antimony	121-1	517	517	658	564	14.51	cps
Arsenic	75-2	14	22	21	19	22.94	cps
Barium	135-1	200	258	192	217	16.76	cps
Barium	137-1	433	492	442	456	6.93	cps
Beryllium	9-1	102	94	100	99	4.22	cps
Bismuth	209-1	6453103	6683201	6554735	6563680	1.76	cps
Bismuth	209-2	3749086	3843602	3823398	3805362	1.31	cps
Boron	10-1	3492	3282	3258	3344	3.85	cps
Boron	11-1	16498	16434	15974	16302	1.76	cps
Bromine	81-1	22742	22451	21649	22281	2.54	cps
Cadmium	111-1	656	648	684	663	2.88	cps
Cadmium	106-1	6168	5760	6018	5982	3.45	cps
Cadmium	108-1	75	46	25	49	51.67	cps
Calcium	43-1	801	811	779	797	2.09	cps
Calcium	44-1	59206	59076	58820	59034	0.33	cps
Carbon	12-1	5615353	5700657	5829903	5715304	1.89	cps
Carbon	12-2	66207	67029	67464	66900	0.95	cps
Chlorine	35-1	1208514	1143855	1107310	1153226	4.44	cps
Chlorine	35-2	8895	8261	8578	8578	3.69	cps
Chromium	52-2	1083	1030	1147	1087	5.37	cps
Cobalt	59-2	143	173	180	166	11.80	cps
Copper	63-2	1763	1800	1670	1745	3.84	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	92	50	69	30.20	cps
Erbium	164-2	23	37	47	36	32.93	cps
Gadolinium	160-1	150	83	75	103	40.00	cps
Gadolinium	160-2	97	83	70	83	16.00	cps
Holmium	165-1	11305190	11525283	11133898	11321457	1.73	cps
Holmium	165-2	5649615	5505371	5699156	5618047	1.79	cps
Indium	115-1	10530329	10538909	10666496	10578578	0.72	cps
Indium	115-2	1857430	1811717	1856942	1842029	1.43	cps
Iron	54-2	1539	1472	1483	1498	2.38	cps
Iron	56-2	16443	16593	16237	16425	1.09	cps
Iron	57-2	511	411	478	467	10.91	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:59:06	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	860	887	803	850	5.01	cps
Lead	206-1	2334	2328	2345	2335	0.36	cps
Lead	207-1	1911	1817	2078	1935	6.83	cps
Lead	208-1	9096	9057	8968	9040	0.73	cps
Lithium	6-1	3545100	3575806	3703929	3608278	2.33	cps
Magnesium	24-2	2017	2025	2367	2136	9.35	cps
Manganese	55-2	577	540	583	567	4.13	cps
Molybdenum	94-1	883	925	1050	953	9.10	cps
Molybdenum	95-1	817	625	750	731	13.32	cps
Molybdenum	96-1	992	917	917	942	4.60	cps
Molybdenum	97-1	425	417	458	433	5.09	cps
Molybdenum	98-1	983	1092	892	989	10.12	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	177	143	140	153	13.22	cps
Phosphorus	31-2	125	192	200	172	23.87	cps
Potassium	39-2	25398	24505	24964	24955	1.79	cps
Rhodium	103-1	10344325	10312370	10381586	10346094	0.33	cps
Rhodium	103-2	5099757	4967454	4982716	5016642	1.44	cps
Scandium	45-1	8066029	8151725	7910440	8042731	1.52	cps
Scandium	45-2	283110	280378	286535	283341	1.09	cps
Selenium	82-1	93	57	178	110	56.55	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	106	87	88	94	11.41	cps
Silicon	28-1	516128	500848	509624	508866	1.51	cps
Silver	107-1	475	325	325	375	23.10	cps
Silver	109-1	333	283	242	286	16.04	cps
Sodium	23-2	37641	37582	37908	37711	0.46	cps
Strontium	86-1	2342	2350	2434	2375	2.13	cps
Strontium	88-1	6077	6010	6310	6132	2.57	cps
Sulfur	34-1	430679	437392	435388	434487	0.79	cps
Terbium	159-1	12068208	11740246	12130856	11979770	1.75	cps
Terbium	159-2	5729556	5563221	5718388	5670388	1.64	cps
Thallium	203-1	750	633	683	689	8.50	cps
Thallium	205-1	1867	1834	1759	1820	3.05	cps
Tin	118-1	2517	2409	2634	2520	4.47	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 15:59:06	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	425	450	472	13.01	cps
Uranium	238-1	525	558	317	467	28.06	cps
Vanadium	51-2	67	77	70	71	7.16	cps
Ytterbium	172-1	50	17	25	31	56.77	cps
Ytterbium	172-2	28	6	33	22	66.13	cps
Ytterbium	176-1	1317	1175	1192	1228	6.31	cps
Ytterbium	176-2	3462	3973	4123	3852	9.00	cps
Yttrium	89-1	26417722	26728604	26967053	26704460	1.03	cps
Yttrium	89-2	3217259	3228296	3253565	3233040	0.58	cps
Zinc	66-2	567	723	707	666	12.93	cps
Zirconium	90-1	1375	1375	1292	1347	3.57	cps
Zirconium	91-1	308	325	417	350	16.67	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:02:07	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24806	24394	26232	25144	3.84	cps
Antimony	121-1	2342	2400	2150	2297	5.69	cps
Arsenic	75-2	338	307	352	332	6.93	cps
Barium	135-1	133977	136528	132868	134458	1.40	cps
Barium	137-1	237428	242271	249000	242900	2.39	cps
Beryllium	9-1	162	128	132	141	13.21	cps
Bismuth	209-1	6634359	6806801	6518108	6653090	2.18	cps
Bismuth	209-2	3821742	3758232	3817504	3799160	0.93	cps
Boron	10-1	19980	21918	22401	21433	5.98	cps
Boron	11-1	100182	106881	110885	105983	5.10	cps
Bromine	81-1	70267	83864	88882	81004	11.89	cps
Cadmium	111-1	634	781	679	698	10.76	cps
Cadmium	106-1	5876	6143	5718	5913	3.63	cps
Cadmium	108-1	58	83	67	69	18.33	cps
Calcium	43-1	1028391	1023445	1025725	1025854	0.24	cps
Calcium	44-1	17405501	17425076	17471683	17434087	0.20	cps
Carbon	12-1	10639343	11633873	12032371	11435196	6.27	cps
Carbon	12-2	156310	160623	162308	159747	1.94	cps
Chlorine	35-1	1776869	1892684	2032254	1900602	6.73	cps
Chlorine	35-2	17987	18954	20039	18993	5.41	cps
Chromium	52-2	5992	5881	5511	5795	4.34	cps
Cobalt	59-2	2330	2400	2394	2375	1.63	cps
Copper	63-2	22688	21740	21950	22126	2.25	cps
Dysprosium	156-1	1108	883	1033	1008	11.36	cps
Dysprosium	156-2	490	487	467	481	2.62	cps
Erbium	164-1	708	717	758	728	3.68	cps
Erbium	164-2	340	333	370	348	5.62	cps
Gadolinium	160-1	933	1125	1142	1067	10.85	cps
Gadolinium	160-2	580	597	573	583	2.06	cps
Holmium	165-1	11565582	11746460	11555272	11622438	0.93	cps
Holmium	165-2	5555706	5768720	5676990	5667139	1.89	cps
Indium	115-1	10571359	10973074	10559627	10701353	2.20	cps
Indium	115-2	1844265	1917501	1866710	1876158	2.00	cps
Iron	54-2	109177	105402	105576	106718	2.00	cps
Iron	56-2	2000107	1981744	2008025	1996625	0.68	cps
Iron	57-2	49625	48683	49486	49265	1.03	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:02:07	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	930	1043	968	6.76	cps
Lead	206-1	8731	8675	8920	8775	1.46	cps
Lead	207-1	7058	7597	7352	7336	3.68	cps
Lead	208-1	33946	33428	34730	34035	1.93	cps
Lithium	6-1	3591143	3652126	3476031	3573100	2.50	cps
Magnesium	24-2	2732412	2783382	2749996	2755263	0.94	cps
Manganese	55-2	205439	205265	203412	204705	0.55	cps
Molybdenum	94-1	16010	15943	16519	16157	1.95	cps
Molybdenum	95-1	24748	24998	25090	24945	0.71	cps
Molybdenum	96-1	27269	27453	26885	27202	1.07	cps
Molybdenum	97-1	16176	15309	15909	15798	2.81	cps
Molybdenum	98-1	38830	39741	40426	39666	2.02	cps
Neodymium	150-1	840	973	1180	998	17.17	cps
Neodymium	150-2	330	320	377	342	8.84	cps
Nickel	60-2	2590	2757	2590	2646	3.64	cps
Phosphorus	31-2	2825	2942	2717	2828	3.98	cps
Potassium	39-2	844983	839352	839467	841267	0.38	cps
Rhodium	103-1	10189667	10391479	10024740	10201962	1.80	cps
Rhodium	103-2	4954414	5156274	4974245	5028311	2.21	cps
Scandium	45-1	8082997	8160230	7945260	8062829	1.35	cps
Scandium	45-2	282186	290365	290882	287811	1.70	cps
Selenium	82-1	85	133	59	92	40.69	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	92	91	92	92	0.63	cps
Silicon	28-1	31237208	32266385	30860377	31454657	2.31	cps
Silver	107-1	525	458	508	497	6.98	cps
Silver	109-1	417	358	358	378	8.91	cps
Sodium	23-2	18496184	18912695	18525856	18644912	1.25	cps
Strontium	86-1	608998	605452	610585	608345	0.43	cps
Strontium	88-1	5375082	5404582	5251969	5343878	1.51	cps
Sulfur	34-1	933696	929136	900534	921122	1.95	cps
Terbium	159-1	12086014	12336769	12016512	12146432	1.39	cps
Terbium	159-2	5686398	5676927	5695121	5686149	0.16	cps
Thallium	203-1	658	750	808	739	10.23	cps
Thallium	205-1	1508	1658	1675	1614	5.69	cps
Tin	118-1	5543	5176	5643	5454	4.51	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:02:07	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15877	16227	16852	16319	3.03	cps
Uranium	238-1	5243	4851	5385	5160	5.36	cps
Vanadium	51-2	3767	3841	3834	3814	1.06	cps
Ytterbium	172-1	275	275	275	275	0.00	cps
Ytterbium	172-2	139	189	189	172	16.76	cps
Ytterbium	176-1	1550	1375	1325	1417	8.34	cps
Ytterbium	176-2	3673	3773	3712	3719	1.36	cps
Yttrium	89-1	27162855	26693887	25187043	26347928	3.92	cps
Yttrium	89-2	3201795	3315357	3205574	3240908	1.99	cps
Zinc	66-2	15068	15345	15609	15341	1.76	cps
Zirconium	90-1	4026	3917	4142	4029	2.80	cps
Zirconium	91-1	808	1677	850	1112	44.06	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:05:05	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	790	776	800	789	1.51	cps
Antimony	121-1	2550	2492	2292	2445	5.54	cps
Arsenic	75-2	225	255	251	244	6.68	cps
Barium	135-1	94958	95907	94680	95182	0.68	cps
Barium	137-1	167430	173993	172112	171178	1.97	cps
Beryllium	9-1	110	126	100	112	11.71	cps
Bismuth	209-1	7069872	6597518	6557373	6741588	4.23	cps
Bismuth	209-2	3839719	4052425	3998475	3963539	2.79	cps
Boron	10-1	18398	19223	19801	19141	3.69	cps
Boron	11-1	88786	98746	98974	95502	6.09	cps
Bromine	81-1	69704	72470	80502	74225	7.56	cps
Cadmium	111-1	737	720	678	711	4.28	cps
Cadmium	106-1	6885	6235	5918	6346	7.77	cps
Cadmium	108-1	50	71	50	57	21.12	cps
Calcium	43-1	843177	851457	856866	850500	0.81	cps
Calcium	44-1	14246348	14223827	14101179	14190451	0.55	cps
Carbon	12-1	10676192	11082491	11935793	11231492	5.72	cps
Carbon	12-2	149937	149827	155494	151753	2.14	cps
Chlorine	35-1	2197016	2357854	2399554	2318142	4.61	cps
Chlorine	35-2	20532	21809	21950	21430	3.65	cps
Chromium	52-2	1757	1917	1827	1833	4.38	cps
Cobalt	59-2	1093	983	943	1007	7.72	cps
Copper	63-2	28525	29935	29611	29357	2.51	cps
Dysprosium	156-1	225	258	225	236	8.15	cps
Dysprosium	156-2	150	137	157	148	6.89	cps
Erbium	164-1	183	108	133	142	26.96	cps
Erbium	164-2	73	87	50	70	26.51	cps
Gadolinium	160-1	417	275	375	356	20.48	cps
Gadolinium	160-2	253	220	213	229	9.36	cps
Holmium	165-1	12272743	11741703	11700608	11905018	2.68	cps
Holmium	165-2	5858733	6030629	5786767	5892043	2.13	cps
Indium	115-1	11472391	10775480	10659577	10969149	4.01	cps
Indium	115-2	1921181	1949202	1921482	1930622	0.83	cps
Iron	54-2	6474	6863	6918	6752	3.59	cps
Iron	56-2	114530	113129	112311	113323	0.99	cps
Iron	57-2	3723	3350	3539	3538	5.26	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:05:05	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	900	947	957	6.51	cps
Lead	206-1	3551	3323	3539	3471	3.70	cps
Lead	207-1	3139	2884	2962	2995	4.38	cps
Lead	208-1	14176	13370	14159	13901	3.31	cps
Lithium	6-1	3922113	3693078	3509251	3708147	5.58	cps
Magnesium	24-2	2296906	2296742	2230697	2274782	1.68	cps
Manganese	55-2	128659	130885	129977	129840	0.86	cps
Molybdenum	94-1	12473	12281	12823	12525	2.20	cps
Molybdenum	95-1	21150	21400	20224	20925	2.96	cps
Molybdenum	96-1	22252	22227	22586	22355	0.90	cps
Molybdenum	97-1	12940	12906	13240	13029	1.41	cps
Molybdenum	98-1	33374	31770	32672	32606	2.47	cps
Neodymium	150-1	40	60	47	49	20.83	cps
Neodymium	150-2	23	3	17	14	70.51	cps
Nickel	60-2	1640	1723	1527	1630	6.06	cps
Phosphorus	31-2	1992	1758	1825	1858	6.47	cps
Potassium	39-2	702259	705607	714177	707348	0.87	cps
Rhodium	103-1	10785038	10513001	10106468	10468169	3.26	cps
Rhodium	103-2	5112114	5328484	5266209	5235603	2.13	cps
Scandium	45-1	8526045	7952839	7934454	8137779	4.13	cps
Scandium	45-2	294218	302447	296570	297745	1.42	cps
Selenium	82-1	-5	103	81	60	95.06	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	120	87	102	103	16.04	cps
Silicon	28-1	24207029	24382373	24349100	24312834	0.38	cps
Silver	107-1	225	233	225	228	2.11	cps
Silver	109-1	225	158	108	164	35.71	cps
Sodium	23-2	15997419	15490981	15881934	15790111	1.68	cps
Strontium	86-1	492141	507851	504928	501640	1.67	cps
Strontium	88-1	4280179	4498039	4355221	4377813	2.53	cps
Sulfur	34-1	907766	919358	920527	915884	0.77	cps
Terbium	159-1	13286257	11937546	12014319	12412707	6.10	cps
Terbium	159-2	5778243	6035694	5927206	5913714	2.19	cps
Thallium	203-1	575	708	600	628	11.29	cps
Thallium	205-1	1475	1625	1375	1492	8.44	cps
Tin	118-1	5701	5818	5826	5782	1.21	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:05:05	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1225	1175	942	1114	13.58	cps
Uranium	238-1	4092	3959	3417	3823	9.35	cps
Vanadium	51-2	1763	1870	1833	1822	2.97	cps
Ytterbium	172-1	142	100	142	128	18.83	cps
Ytterbium	172-2	39	83	78	67	36.32	cps
Ytterbium	176-1	1725	1308	1325	1453	16.24	cps
Ytterbium	176-2	3545	3801	3789	3712	3.89	cps
Yttrium	89-1	27741971	26423942	25943539	26703151	3.49	cps
Yttrium	89-2	3254181	3418031	3358837	3343683	2.48	cps
Zinc	66-2	13079	13033	12783	12965	1.23	cps
Zirconium	90-1	1642	1817	1750	1736	5.09	cps
Zirconium	91-1	250	400	325	325	23.08	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:08:02	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7331	7185	7081	7199	1.75	cps
Antimony	121-1	1075	1125	1042	1081	3.88	cps
Arsenic	75-2	219	201	208	209	4.33	cps
Barium	135-1	118819	115575	117180	117191	1.38	cps
Barium	137-1	203035	204874	208002	205304	1.22	cps
Beryllium	9-1	104	130	130	121	12.37	cps
Bismuth	209-1	6332336	6449467	6351119	6377641	0.99	cps
Bismuth	209-2	3939222	3860830	3855606	3885220	1.21	cps
Boron	10-1	13295	13724	14182	13734	3.23	cps
Boron	11-1	64197	67479	68425	66700	3.33	cps
Bromine	81-1	68909	79969	83160	77346	9.67	cps
Cadmium	111-1	649	698	759	702	7.82	cps
Cadmium	106-1	5818	6235	6502	6185	5.57	cps
Cadmium	108-1	71	54	42	56	26.33	cps
Calcium	43-1	954109	956632	949302	953348	0.39	cps
Calcium	44-1	16104918	16433487	16216579	16251661	1.03	cps
Carbon	12-1	11524963	12417904	13137820	12360229	6.54	cps
Carbon	12-2	162087	163252	165578	163639	1.09	cps
Chlorine	35-1	2434033	2441729	2512996	2462920	1.77	cps
Chlorine	35-2	21767	21049	21909	21575	2.14	cps
Chromium	52-2	3034	2870	3120	3008	4.22	cps
Cobalt	59-2	940	910	1063	971	8.37	cps
Copper	63-2	7759	7642	7659	7687	0.82	cps
Dysprosium	156-1	325	433	400	386	14.37	cps
Dysprosium	156-2	207	177	173	186	9.89	cps
Erbium	164-1	342	275	317	311	10.83	cps
Erbium	164-2	153	203	173	177	14.24	cps
Gadolinium	160-1	700	483	425	536	27.04	cps
Gadolinium	160-2	297	260	307	288	8.54	cps
Holmium	165-1	11724736	11603603	11592515	11640285	0.63	cps
Holmium	165-2	5844546	5741789	5959181	5848505	1.86	cps
Indium	115-1	10657336	10668052	10460603	10595330	1.10	cps
Indium	115-2	1926031	1905838	1952434	1928101	1.21	cps
Iron	54-2	28657	28802	28362	28607	0.78	cps
Iron	56-2	515729	507151	519461	514114	1.23	cps
Iron	57-2	13023	13518	14137	13559	4.12	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:08:02	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	920	1033	988	6.06	cps
Lead	206-1	4568	5046	4740	4784	5.06	cps
Lead	207-1	3790	3967	3873	3877	2.30	cps
Lead	208-1	17877	18639	17888	18135	2.41	cps
Lithium	6-1	3626314	3576807	3684564	3629229	1.49	cps
Magnesium	24-2	2686562	2634863	2618872	2646765	1.34	cps
Manganese	55-2	52775	52582	52876	52744	0.28	cps
Molybdenum	94-1	14708	14708	15217	14878	1.97	cps
Molybdenum	95-1	24372	25057	24389	24606	1.59	cps
Molybdenum	96-1	24714	25449	26228	25464	2.97	cps
Molybdenum	97-1	14525	14283	13849	14219	2.41	cps
Molybdenum	98-1	37852	36992	37493	37446	1.15	cps
Neodymium	150-1	433	327	327	362	17.00	cps
Neodymium	150-2	130	140	143	138	5.04	cps
Nickel	60-2	1220	1087	1187	1165	5.96	cps
Phosphorus	31-2	458	442	433	444	2.86	cps
Potassium	39-2	561285	552601	556484	556790	0.78	cps
Rhodium	103-1	10196120	9986743	10405565	10196143	2.05	cps
Rhodium	103-2	5217691	5153316	5128742	5166583	0.89	cps
Scandium	45-1	8123557	8069776	8085425	8092919	0.34	cps
Scandium	45-2	295306	290018	292456	292594	0.90	cps
Selenium	82-1	16	83	-47	17	373.37	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	107	95	88	97	9.94	cps
Silicon	28-1	29635851	29634892	29509389	29593377	0.25	cps
Silver	107-1	325	175	225	242	31.60	cps
Silver	109-1	142	142	142	142	0.00	cps
Sodium	23-2	13939379	13748075	13781907	13823120	0.74	cps
Strontium	86-1	567259	565866	567078	566734	0.13	cps
Strontium	88-1	4910552	4913100	5083003	4968885	1.99	cps
Sulfur	34-1	776946	769253	773718	773306	0.50	cps
Terbium	159-1	12117946	12006811	11801407	11975388	1.34	cps
Terbium	159-2	5958028	5849212	5750633	5852624	1.77	cps
Thallium	203-1	792	625	492	636	23.63	cps
Thallium	205-1	1367	1125	1383	1292	11.19	cps
Tin	118-1	6027	6677	6277	6327	5.18	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:08:02	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4968	4684	4609	4754	3.98	cps
Uranium	238-1	6352	6102	5510	5988	7.22	cps
Vanadium	51-2	2564	2447	2577	2529	2.83	cps
Ytterbium	172-1	117	158	183	153	22.04	cps
Ytterbium	172-2	100	122	117	113	10.24	cps
Ytterbium	176-1	1250	1383	1433	1356	6.99	cps
Ytterbium	176-2	3667	4012	3890	3856	4.53	cps
Yttrium	89-1	26803883	25673594	27054223	26510567	2.77	cps
Yttrium	89-2	3363032	3275056	3276354	3304814	1.53	cps
Zinc	66-2	13306	12969	12773	13016	2.07	cps
Zirconium	90-1	2134	2109	2059	2100	1.82	cps
Zirconium	91-1	400	517	425	447	13.73	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:11:05	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	786	840	806	811	3.35	cps
Antimony	121-1	1267	1492	1450	1403	8.53	cps
Arsenic	75-2	139	185	165	163	14.15	cps
Barium	135-1	92096	91492	93657	92415	1.21	cps
Barium	137-1	159266	164596	164264	162709	1.84	cps
Beryllium	9-1	98	98	124	107	14.08	cps
Bismuth	209-1	6545177	6496570	6626854	6556200	1.00	cps
Bismuth	209-2	3914603	4033068	3978132	3975268	1.49	cps
Boron	10-1	11384	11682	11616	11561	1.35	cps
Boron	11-1	55375	56669	58480	56842	2.74	cps
Bromine	81-1	63700	67118	71333	67384	5.67	cps
Cadmium	111-1	659	656	706	674	4.17	cps
Cadmium	106-1	5801	6068	6602	6157	6.62	cps
Cadmium	108-1	54	67	42	54	23.08	cps
Calcium	43-1	803372	806138	817507	809006	0.93	cps
Calcium	44-1	13373571	13366704	13723774	13488016	1.51	cps
Carbon	12-1	10175161	10882819	11592941	10883640	6.51	cps
Carbon	12-2	145039	147225	147049	146438	0.83	cps
Chlorine	35-1	2402787	2437843	2501375	2447335	2.04	cps
Chlorine	35-2	21491	22101	22142	21912	1.66	cps
Chromium	52-2	1953	2024	1913	1963	2.84	cps
Cobalt	59-2	843	777	690	770	9.99	cps
Copper	63-2	16593	15946	15926	16155	2.35	cps
Dysprosium	156-1	133	192	167	164	17.86	cps
Dysprosium	156-2	87	67	80	78	13.09	cps
Erbium	164-1	175	208	125	169	24.76	cps
Erbium	164-2	103	67	47	72	39.79	cps
Gadolinium	160-1	250	258	167	225	22.53	cps
Gadolinium	160-2	187	133	177	166	17.12	cps
Holmium	165-1	11654339	11085694	11530401	11423478	2.62	cps
Holmium	165-2	5738187	5806199	6000761	5848382	2.33	cps
Indium	115-1	10679647	10501245	10619752	10600214	0.86	cps
Indium	115-2	1929673	1952719	1904009	1928800	1.26	cps
Iron	54-2	7713	7786	7219	7573	4.08	cps
Iron	56-2	128452	132060	130115	130209	1.39	cps
Iron	57-2	3995	3701	3723	3806	4.31	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:11:05	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	1097	897	974	11.00	cps
Lead	206-1	4078	4167	4240	4162	1.94	cps
Lead	207-1	3767	3350	3462	3526	6.12	cps
Lead	208-1	16449	16438	16171	16353	0.96	cps
Lithium	6-1	3515855	3606115	3630675	3584215	1.69	cps
Magnesium	24-2	2296127	2320715	2222853	2279898	2.23	cps
Manganese	55-2	40898	41809	41376	41361	1.10	cps
Molybdenum	94-1	12197	11872	11822	11964	1.70	cps
Molybdenum	95-1	20257	20265	20015	20179	0.70	cps
Molybdenum	96-1	20365	20916	21684	20989	3.16	cps
Molybdenum	97-1	12406	12181	12606	12398	1.72	cps
Molybdenum	98-1	32280	30952	30484	31238	2.98	cps
Neodymium	150-1	93	93	67	84	18.23	cps
Neodymium	150-2	17	33	23	24	34.31	cps
Nickel	60-2	963	1080	970	1004	6.52	cps
Phosphorus	31-2	400	425	292	372	19.04	cps
Potassium	39-2	477275	473946	472331	474517	0.53	cps
Rhodium	103-1	10448012	9777691	10391804	10205836	3.64	cps
Rhodium	103-2	5190054	5235404	5186799	5204086	0.52	cps
Scandium	45-1	8043068	7888111	8350050	8093743	2.90	cps
Scandium	45-2	297907	302501	299202	299870	0.79	cps
Selenium	82-1	60	-103	95	17	618.33	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	90	100	98	96	5.51	cps
Silicon	28-1	23916477	23931745	24113630	23987284	0.46	cps
Silver	107-1	183	267	225	225	18.52	cps
Silver	109-1	250	158	175	194	25.11	cps
Sodium	23-2	11923278	11877452	11749211	11849980	0.76	cps
Strontium	86-1	468076	477250	475439	473588	1.03	cps
Strontium	88-1	4141881	4198433	4204744	4181686	0.83	cps
Sulfur	34-1	734612	729167	726634	730138	0.56	cps
Terbium	159-1	11989296	12067972	12718765	12258678	3.27	cps
Terbium	159-2	5791802	6053212	5856493	5900502	2.31	cps
Thallium	203-1	633	633	650	639	1.51	cps
Thallium	205-1	1442	1242	1367	1350	7.48	cps
Tin	118-1	7444	6919	7144	7169	3.68	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4170-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:11:05	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	983	1008	800	931	12.23	cps
Uranium	238-1	4984	4959	5160	5034	2.17	cps
Vanadium	51-2	1793	1730	1657	1727	3.96	cps
Ytterbium	172-1	225	133	192	183	25.31	cps
Ytterbium	172-2	78	83	83	81	3.94	cps
Ytterbium	176-1	1350	1392	1433	1392	2.99	cps
Ytterbium	176-2	3289	3934	3906	3710	9.82	cps
Yttrium	89-1	26665267	25560488	27160436	26462064	3.10	cps
Yttrium	89-2	3372553	3411622	3408826	3397667	0.64	cps
Zinc	66-2	16026	15639	15439	15701	1.90	cps
Zirconium	90-1	1984	1950	1934	1956	1.30	cps
Zirconium	91-1	442	425	508	458	9.62	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:14:01	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8274	8764	8832	8623	3.53	cps
Antimony	121-1	1375	1375	1350	1367	1.06	cps
Arsenic	75-2	193	218	219	210	7.01	cps
Barium	135-1	111416	115063	108812	111764	2.81	cps
Barium	137-1	199733	194835	193786	196118	1.62	cps
Beryllium	9-1	130	114	138	127	9.60	cps
Bismuth	209-1	6288928	6576097	6294635	6386553	2.57	cps
Bismuth	209-2	4109253	4054258	3946752	4036754	2.05	cps
Boron	10-1	11438	12281	12375	12031	4.29	cps
Boron	11-1	56921	59091	61598	59203	3.95	cps
Bromine	81-1	67481	76627	82828	75645	10.21	cps
Cadmium	111-1	660	707	753	707	6.58	cps
Cadmium	106-1	5576	6352	6310	6079	7.17	cps
Cadmium	108-1	50	46	46	47	5.10	cps
Calcium	43-1	916220	912675	910838	913244	0.30	cps
Calcium	44-1	15647002	15383444	15767153	15599200	1.26	cps
Carbon	12-1	11403535	12266151	12919439	12196375	6.23	cps
Carbon	12-2	160766	161600	164608	162325	1.25	cps
Chlorine	35-1	2489022	2562303	2604209	2551845	2.28	cps
Chlorine	35-2	23161	22952	22977	23030	0.49	cps
Chromium	52-2	2507	2537	2540	2528	0.73	cps
Cobalt	59-2	977	1103	1123	1068	7.45	cps
Copper	63-2	8136	9073	8973	8727	5.90	cps
Dysprosium	156-1	375	367	350	364	3.50	cps
Dysprosium	156-2	187	223	200	203	9.13	cps
Erbium	164-1	442	450	375	422	9.74	cps
Erbium	164-2	193	170	183	182	6.43	cps
Gadolinium	160-1	517	400	500	472	13.36	cps
Gadolinium	160-2	253	313	347	304	15.54	cps
Holmium	165-1	10878987	11527887	11600311	11335728	3.50	cps
Holmium	165-2	5866140	5852877	5829455	5849490	0.32	cps
Indium	115-1	9882490	10735381	10626770	10414880	4.46	cps
Indium	115-2	1990463	1967507	1880212	1946061	2.99	cps
Iron	54-2	30995	32132	34037	32388	4.74	cps
Iron	56-2	561719	580523	583811	575351	2.07	cps
Iron	57-2	15219	15059	15025	15101	0.69	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:14:01	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	993	913	978	5.96	cps
Lead	206-1	5262	5290	5112	5222	1.83	cps
Lead	207-1	4384	4368	4840	4531	5.92	cps
Lead	208-1	20557	19967	20462	20329	1.56	cps
Lithium	6-1	3388776	3507863	3540614	3479084	2.30	cps
Magnesium	24-2	2512274	2569295	2548133	2543234	1.13	cps
Manganese	55-2	49827	50467	50931	50408	1.10	cps
Molybdenum	94-1	12448	12865	12548	12620	1.73	cps
Molybdenum	95-1	20082	20774	20866	20574	2.08	cps
Molybdenum	96-1	22644	22486	22327	22485	0.71	cps
Molybdenum	97-1	11922	12840	12172	12311	3.85	cps
Molybdenum	98-1	32196	32313	31487	31999	1.40	cps
Neodymium	150-1	493	413	360	422	15.89	cps
Neodymium	150-2	177	167	173	172	2.96	cps
Nickel	60-2	1163	1127	1060	1117	4.69	cps
Phosphorus	31-2	400	383	467	417	10.58	cps
Potassium	39-2	555775	557958	554364	556033	0.33	cps
Rhodium	103-1	9766549	10138320	10153365	10019411	2.19	cps
Rhodium	103-2	5326384	5265911	5133083	5241793	1.89	cps
Scandium	45-1	7624722	8053791	8122154	7933555	3.40	cps
Scandium	45-2	306750	306041	298605	303799	1.49	cps
Selenium	82-1	10	9	108	42	133.80	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	87	92	100	93	7.05	cps
Silicon	28-1	29339317	29333485	29098485	29257096	0.47	cps
Silver	107-1	175	125	217	172	26.65	cps
Silver	109-1	150	158	75	128	35.92	cps
Sodium	23-2	13219610	13243064	13021780	13161485	0.92	cps
Strontium	86-1	548309	542652	535392	542118	1.19	cps
Strontium	88-1	4858865	4711149	4633100	4734371	2.42	cps
Sulfur	34-1	750644	756008	761904	756186	0.74	cps
Terbium	159-1	11596329	11876784	11934336	11802483	1.53	cps
Terbium	159-2	6088669	5855507	5874760	5939646	2.18	cps
Thallium	203-1	842	883	508	744	27.61	cps
Thallium	205-1	1750	1358	1533	1547	12.68	cps
Tin	118-1	7035	6677	6852	6855	2.62	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:14:01	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5960	5751	6185	5965	3.64	cps
Uranium	238-1	6110	5676	5952	5913	3.71	cps
Vanadium	51-2	2434	2510	2434	2459	1.80	cps
Ytterbium	172-1	317	292	250	286	11.77	cps
Ytterbium	172-2	128	122	161	137	15.35	cps
Ytterbium	176-1	1475	1500	1475	1483	0.97	cps
Ytterbium	176-2	3862	3951	3701	3838	3.30	cps
Yttrium	89-1	25186912	26162284	25694155	25681117	1.90	cps
Yttrium	89-2	3471516	3413037	3361567	3415373	1.61	cps
Zinc	66-2	10884	10557	11158	10866	2.77	cps
Zirconium	90-1	2309	2450	2184	2314	5.77	cps
Zirconium	91-1	392	500	542	478	16.21	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 16:17:00	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2200	1966	2096	2087	5.61	cps
Antimony	121-1	583	467	483	511	12.35	cps
Arsenic	75-2	47	58	53	53	10.47	cps
Barium	135-1	21184	21777	21718	21559	1.52	cps
Barium	137-1	38205	38380	38406	38330	0.29	cps
Beryllium	9-1	134	114	98	115	15.64	cps
Bismuth	209-1	6398085	6509137	6512538	6473253	1.01	cps
Bismuth	209-2	3942002	3809521	3909143	3886888	1.77	cps
Boron	10-1	5276	5302	5110	5229	1.99	cps
Boron	11-1	25591	25611	24285	25163	3.02	cps
Bromine	81-1	39877	39436	41032	40115	2.06	cps
Cadmium	111-1	690	715	695	700	1.88	cps
Cadmium	106-1	5968	5926	6285	6060	3.24	cps
Cadmium	108-1	46	46	83	58	37.13	cps
Calcium	43-1	175778	176808	174820	175802	0.57	cps
Calcium	44-1	3037465	3097879	3099628	3078324	1.15	cps
Carbon	12-1	8176097	8285926	8278670	8246898	0.74	cps
Carbon	12-2	97464	94949	95351	95921	1.41	cps
Chlorine	35-1	1950533	1930010	1831871	1904138	3.33	cps
Chlorine	35-2	15525	14040	14358	14641	5.34	cps
Chromium	52-2	1357	1463	1450	1423	4.08	cps
Cobalt	59-2	477	440	413	443	7.17	cps
Copper	63-2	3711	3824	3917	3817	2.71	cps
Dysprosium	156-1	50	50	117	72	53.30	cps
Dysprosium	156-2	30	43	50	41	24.77	cps
Erbium	164-1	167	117	83	122	34.31	cps
Erbium	164-2	53	60	80	64	21.54	cps
Gadolinium	160-1	150	167	175	164	7.77	cps
Gadolinium	160-2	97	123	90	103	17.07	cps
Holmium	165-1	11465520	11408091	11131800	11335137	1.57	cps
Holmium	165-2	5860709	5732719	5776552	5789993	1.12	cps
Indium	115-1	10473097	10257897	10585295	10438763	1.59	cps
Indium	115-2	1931545	1887928	1915611	1911695	1.15	cps
Iron	54-2	8036	7902	7519	7819	3.43	cps
Iron	56-2	131935	131251	130088	131091	0.71	cps
Iron	57-2	3273	3328	3373	3325	1.51	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 16:17:00	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	907	940	770	872	10.33	cps
Lead	206-1	2873	3012	3217	3034	5.71	cps
Lead	207-1	2700	2734	2611	2682	2.36	cps
Lead	208-1	11619	12086	11925	11876	2.00	cps
Lithium	6-1	3640274	3627024	3537390	3601562	1.55	cps
Magnesium	24-2	486764	478187	486108	483686	0.99	cps
Manganese	55-2	10701	10392	10529	10541	1.47	cps
Molybdenum	94-1	3009	3167	3476	3217	7.38	cps
Molybdenum	95-1	4909	4634	5084	4876	4.65	cps
Molybdenum	96-1	5393	5301	5309	5335	0.95	cps
Molybdenum	97-1	3117	2942	2875	2978	4.19	cps
Molybdenum	98-1	7027	7769	7752	7516	5.64	cps
Neodymium	150-1	107	113	80	100	17.64	cps
Neodymium	150-2	50	17	37	34	48.70	cps
Nickel	60-2	373	360	320	351	7.90	cps
Phosphorus	31-2	200	233	233	222	8.66	cps
Potassium	39-2	128268	124073	126232	126191	1.66	cps
Rhodium	103-1	10304086	9957013	9958673	10073257	1.98	cps
Rhodium	103-2	5189284	5151566	5299377	5213409	1.47	cps
Scandium	45-1	7992178	7743582	7880448	7872069	1.58	cps
Scandium	45-2	296774	290575	294254	293868	1.06	cps
Selenium	82-1	107	45	181	111	61.16	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	84	88	92	88	4.54	cps
Silicon	28-1	5867708	5914602	5918886	5900399	0.48	cps
Silver	107-1	175	217	175	189	12.73	cps
Silver	109-1	100	125	133	119	14.53	cps
Sodium	23-2	2606869	2591392	2647072	2615111	1.10	cps
Strontium	86-1	106472	106614	106135	106407	0.23	cps
Strontium	88-1	923409	922879	914988	920425	0.51	cps
Sulfur	34-1	491980	494371	498528	494959	0.67	cps
Terbium	159-1	11790329	11443037	12000248	11744538	2.40	cps
Terbium	159-2	5899341	5593385	5880892	5791206	2.96	cps
Thallium	203-1	550	708	675	644	12.95	cps
Thallium	205-1	1408	1533	1725	1556	10.25	cps
Tin	118-1	3359	3609	3667	3545	4.62	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 16:17:00	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1492	1717	1533	1581	7.57	cps
Uranium	238-1	1700	1759	1792	1750	2.65	cps
Vanadium	51-2	600	597	497	564	10.40	cps
Ytterbium	172-1	92	108	75	92	18.18	cps
Ytterbium	172-2	44	11	11	22	86.62	cps
Ytterbium	176-1	1258	1383	1500	1381	8.75	cps
Ytterbium	176-2	3545	3262	3973	3593	9.97	cps
Yttrium	89-1	27245405	25312156	25639730	26065764	3.97	cps
Yttrium	89-2	3280582	3298227	3291519	3290109	0.27	cps
Zinc	66-2	2847	2770	2877	2831	1.94	cps
Zirconium	90-1	2075	1617	1533	1742	16.75	cps
Zirconium	91-1	333	267	367	322	15.80	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:19:58	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870970	867672	864899	867847	0.35	cps
Antimony	121-1	4609948	4607760	4514392	4577367	1.19	cps
Arsenic	75-2	166334	166376	163680	165463	0.93	cps
Barium	135-1	5879433	5772513	5912449	5854798	1.25	cps
Barium	137-1	10194723	10206741	10220019	10207161	0.12	cps
Beryllium	9-1	1142341	1144309	1167057	1151236	1.19	cps
Bismuth	209-1	6077924	6201016	6196795	6158578	1.13	cps
Bismuth	209-2	3830790	3897789	3598807	3775795	4.16	cps
Boron	10-1	116231	119691	122317	119413	2.56	cps
Boron	11-1	547564	583005	587552	572707	3.82	cps
Bromine	81-1	65239	70630	77009	70960	8.30	cps
Cadmium	111-1	1117265	1123979	1134589	1125278	0.78	cps
Cadmium	106-1	134252	135270	134680	134734	0.38	cps
Cadmium	108-1	86214	88968	88751	87978	1.74	cps
Calcium	43-1	2626991	2639380	2691405	2652592	1.29	cps
Calcium	44-1	42055367	42319840	43959090	42778099	2.41	cps
Carbon	12-1	11481258	12414178	13335695	12410377	7.47	cps
Carbon	12-2	165155	170481	169473	168370	1.68	cps
Chlorine	35-1	2246593	2311997	2384149	2314246	2.97	cps
Chlorine	35-2	20248	21249	21216	20904	2.72	cps
Chromium	52-2	1857001	1890995	1863766	1870588	0.96	cps
Cobalt	59-2	3092816	3127835	3146814	3122488	0.88	cps
Copper	63-2	26056060	26030431	25773481	25953324	0.60	cps
Dysprosium	156-1	725	475	600	600	20.83	cps
Dysprosium	156-2	340	267	330	312	12.74	cps
Erbium	164-1	417	367	475	419	12.93	cps
Erbium	164-2	200	163	247	203	20.54	cps
Gadolinium	160-1	542	692	625	619	12.13	cps
Gadolinium	160-2	420	363	420	401	8.16	cps
Holmium	165-1	11124221	11362293	10878336	11121617	2.18	cps
Holmium	165-2	5900645	6041158	5703811	5881871	2.88	cps
Indium	115-1	9933206	9865394	9933948	9910849	0.40	cps
Indium	115-2	1912597	1930641	1711678	1851639	6.56	cps
Iron	54-2	4097278	4096125	4048935	4080779	0.68	cps
Iron	56-2	73204427	72579335	71648360	72477374	1.08	cps
Iron	57-2	1848250	1853786	1842828	1848288	0.30	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:19:58	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	947	993	972	2.43	cps
Lead	206-1	16079571	16242358	16118957	16146962	0.53	cps
Lead	207-1	13951923	14051343	13865078	13956115	0.67	cps
Lead	208-1	63576021	64356649	64129873	64020848	0.63	cps
Lithium	6-1	3374419	3559790	3516293	3483501	2.78	cps
Magnesium	24-2	15130826	14822039	15153733	15035533	1.23	cps
Manganese	55-2	10071863	9971741	9925798	9989800	0.75	cps
Molybdenum	94-1	10839277	11049669	11102860	10997269	1.27	cps
Molybdenum	95-1	13113709	13148364	13390554	13217542	1.14	cps
Molybdenum	96-1	14675951	14598027	14906837	14726939	1.09	cps
Molybdenum	97-1	7988868	8080757	8147853	8072493	0.99	cps
Molybdenum	98-1	20894867	20902632	20984486	20927329	0.24	cps
Neodymium	150-1	633	813	680	709	13.18	cps
Neodymium	150-2	233	143	147	174	29.25	cps
Nickel	60-2	824846	817748	820781	821125	0.43	cps
Phosphorus	31-2	442	508	442	464	8.30	cps
Potassium	39-2	5755700	5683115	5698526	5712447	0.67	cps
Rhodium	103-1	9485320	9599448	9523197	9535988	0.61	cps
Rhodium	103-2	5144372	5155154	4669363	4989630	5.56	cps
Scandium	45-1	7389149	7520654	7763693	7557832	2.51	cps
Scandium	45-2	288129	296211	270065	284802	4.70	cps
Selenium	82-1	88740	90076	89770	89529	0.78	cps
Selenium	77-2	3350	3234	3377	3320	2.30	cps
Selenium	78-2	11359	11245	11128	11244	1.03	cps
Silicon	28-1	31423907	31210406	31527421	31387244	0.52	cps
Silver	107-1	4160432	4877881	4796858	4611724	8.52	cps
Silver	109-1	4853113	5277371	5194293	5108259	4.40	cps
Sodium	23-2	40858600	40286138	41272233	40805657	1.21	cps
Strontium	86-1	2365710	2392452	2357532	2371898	0.77	cps
Strontium	88-1	20314343	20114414	20517609	20315455	0.99	cps
Sulfur	34-1	772019	748978	749379	756792	1.74	cps
Terbium	159-1	11270271	11690364	11653936	11538190	2.02	cps
Terbium	159-2	5887552	6001879	5276152	5721861	6.82	cps
Thallium	203-1	3889611	3994772	3888937	3924440	1.55	cps
Thallium	205-1	9017607	9176972	9091829	9095469	0.88	cps
Tin	118-1	4080991	4068721	3938893	4029535	1.95	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:19:58	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4149821	4213202	4176837	4179954	0.76	cps
Uranium	238-1	11595567	11375104	11856324	11608998	2.08	cps
Vanadium	51-2	1474411	1501345	1428153	1467969	2.52	cps
Ytterbium	172-1	375	225	208	269	34.07	cps
Ytterbium	172-2	189	78	128	131	42.32	cps
Ytterbium	176-1	1408	1475	1600	1495	6.51	cps
Ytterbium	176-2	3751	3728	3451	3643	4.59	cps
Yttrium	89-1	24890815	25061848	25478186	25143617	1.20	cps
Yttrium	89-2	3447146	3378330	3083190	3302888	5.85	cps
Zinc	66-2	2901307	2919246	2883662	2901405	0.61	cps
Zirconium	90-1	9500562	9332416	9425873	9419617	0.89	cps
Zirconium	91-1	2158524	2152619	2182558	2164567	0.73	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:22:54	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858663	838915	842268	846615	1.25	cps
Antimony	121-1	4448833	4581841	4540539	4523738	1.50	cps
Arsenic	75-2	161661	159865	160191	160572	0.60	cps
Barium	135-1	5847142	5741687	5722142	5770324	1.17	cps
Barium	137-1	10314746	10189930	9924903	10143193	1.96	cps
Beryllium	9-1	1151777	1184409	1130330	1155505	2.36	cps
Bismuth	209-1	6123170	6253806	6407427	6261468	2.27	cps
Bismuth	209-2	3802011	3734401	3716109	3750841	1.21	cps
Boron	10-1	121720	125179	129405	125435	3.07	cps
Boron	11-1	577681	610136	623029	603615	3.87	cps
Bromine	81-1	66354	73748	78136	72746	8.18	cps
Cadmium	111-1	1105278	1124644	1127504	1119142	1.08	cps
Cadmium	106-1	130188	129692	134378	131419	1.96	cps
Cadmium	108-1	86310	85983	88344	86879	1.47	cps
Calcium	43-1	2582522	2695400	2630106	2636009	2.15	cps
Calcium	44-1	42747337	41892032	42650736	42430035	1.10	cps
Carbon	12-1	12478577	13112775	13592086	13061146	4.28	cps
Carbon	12-2	173991	175146	177971	175703	1.17	cps
Chlorine	35-1	2510392	2612290	2701578	2608087	3.67	cps
Chlorine	35-2	23645	22560	23319	23175	2.40	cps
Chromium	52-2	1832886	1814266	1790180	1812444	1.18	cps
Cobalt	59-2	3096483	3061943	3074018	3077481	0.57	cps
Copper	63-2	25748442	24848961	24772352	25123252	2.16	cps
Dysprosium	156-1	533	817	642	664	21.54	cps
Dysprosium	156-2	277	307	333	306	9.28	cps
Erbium	164-1	475	425	483	461	6.84	cps
Erbium	164-2	177	227	220	208	13.07	cps
Gadolinium	160-1	650	558	667	625	9.33	cps
Gadolinium	160-2	320	410	387	372	12.55	cps
Holmium	165-1	11263317	11301500	11102028	11222281	0.94	cps
Holmium	165-2	5943997	5625602	5648285	5739295	3.10	cps
Indium	115-1	9787207	9812902	10253156	9951088	2.63	cps
Indium	115-2	1876467	1763600	1812774	1817614	3.11	cps
Iron	54-2	4037377	4041091	3939091	4005853	1.44	cps
Iron	56-2	70904907	70519559	69807947	70410804	0.79	cps
Iron	57-2	1816651	1785645	1828126	1810141	1.21	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:22:54	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	983	870	962	8.70	cps
Lead	206-1	15965151	16123269	16651890	16246770	2.21	cps
Lead	207-1	14007095	13867908	14431790	14102264	2.08	cps
Lead	208-1	63523842	64042680	65696693	64421072	1.76	cps
Lithium	6-1	3413503	3417457	3453515	3428158	0.64	cps
Magnesium	24-2	15064807	14414021	14413141	14630656	2.57	cps
Manganese	55-2	9834255	9833713	9785728	9817899	0.28	cps
Molybdenum	94-1	10588278	10915949	11173448	10892558	2.69	cps
Molybdenum	95-1	12962286	13301801	13444186	13236091	1.87	cps
Molybdenum	96-1	14574133	14576190	14872800	14674374	1.17	cps
Molybdenum	97-1	7846113	8079556	8151710	8025793	1.99	cps
Molybdenum	98-1	20934292	20847775	20907489	20896519	0.21	cps
Neodymium	150-1	873	760	667	767	13.51	cps
Neodymium	150-2	187	197	200	194	3.57	cps
Nickel	60-2	806575	802105	797655	802112	0.56	cps
Phosphorus	31-2	400	375	433	403	7.27	cps
Potassium	39-2	5671975	5498723	5616079	5595592	1.58	cps
Rhodium	103-1	9484944	9439826	9843433	9589401	2.31	cps
Rhodium	103-2	5059203	4794211	4826258	4893224	2.96	cps
Scandium	45-1	7755132	7477834	7946229	7726398	3.05	cps
Scandium	45-2	292128	279463	282625	284739	2.32	cps
Selenium	82-1	87313	88528	89103	88315	1.03	cps
Selenium	77-2	3277	3207	3167	3217	1.73	cps
Selenium	78-2	10820	10960	10900	10894	0.65	cps
Silicon	28-1	30350690	31118225	31392191	30953702	1.74	cps
Silver	107-1	5427218	4645128	4752558	4941635	8.58	cps
Silver	109-1	4917474	4622548	5496727	5012250	8.87	cps
Sodium	23-2	37448856	36203950	36214814	36622540	1.95	cps
Strontium	86-1	2276570	2361981	2394039	2344197	2.59	cps
Strontium	88-1	19413897	20093986	20378571	19962151	2.48	cps
Sulfur	34-1	720098	735956	728479	728178	1.09	cps
Terbium	159-1	11322764	11485086	12067682	11625177	3.37	cps
Terbium	159-2	5790032	5641945	5579772	5670583	1.90	cps
Thallium	203-1	3941161	4022915	4006245	3990107	1.08	cps
Thallium	205-1	8918727	9175172	9113173	9069024	1.48	cps
Tin	118-1	3876723	3984721	4042591	3968012	2.12	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:22:54	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4066355	4122847	4183244	4124149	1.42	cps
Uranium	238-1	11360605	11554373	11556038	11490339	0.98	cps
Vanadium	51-2	1445906	1433590	1426702	1435400	0.68	cps
Ytterbium	172-1	317	225	275	272	16.86	cps
Ytterbium	172-2	139	144	117	133	11.02	cps
Ytterbium	176-1	1192	1308	1383	1295	7.46	cps
Ytterbium	176-2	3628	3639	3589	3619	0.73	cps
Yttrium	89-1	24561480	25054793	26224520	25280265	3.38	cps
Yttrium	89-2	3230477	3186347	3133362	3183395	1.53	cps
Zinc	66-2	2794711	2712003	2757885	2754866	1.50	cps
Zirconium	90-1	9040166	9329090	9420678	9263311	2.14	cps
Zirconium	91-1	2060398	2125193	2122918	2102836	1.75	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:32:57	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	857064	845478	843749	848763	0.85	cps
Antimony	121-1	4486531	4596455	4616248	4566411	1.53	cps
Arsenic	75-2	161345	159552	160337	160411	0.56	cps
Barium	135-1	5790486	5733848	5891827	5805387	1.38	cps
Barium	137-1	10166191	10002539	10079371	10082700	0.81	cps
Beryllium	9-1	1156110	1166197	1155045	1159117	0.53	cps
Bismuth	209-1	6689983	6099795	5975218	6254999	6.10	cps
Bismuth	209-2	3637618	3640200	3720288	3666036	1.28	cps
Boron	10-1	112305	118778	124143	118409	5.01	cps
Boron	11-1	547825	574414	604392	575544	4.92	cps
Bromine	81-1	57999	62523	68387	62969	8.27	cps
Cadmium	111-1	1078338	1122914	1113482	1104911	2.13	cps
Cadmium	106-1	127733	130430	128540	128901	1.07	cps
Cadmium	108-1	85535	87241	88398	87058	1.65	cps
Calcium	43-1	2635315	2555720	2597242	2596092	1.53	cps
Calcium	44-1	43449109	41562151	42437015	42482758	2.22	cps
Carbon	12-1	10790291	11840166	12470760	11700406	7.26	cps
Carbon	12-2	159814	165239	164380	163144	1.79	cps
Chlorine	35-1	2049532	2097774	2172376	2106561	2.94	cps
Chlorine	35-2	18704	19205	19305	19071	1.69	cps
Chromium	52-2	1808170	1825974	1757482	1797209	1.98	cps
Cobalt	59-2	3094583	3067064	3027320	3062989	1.10	cps
Copper	63-2	25371410	25323435	25379490	25358112	0.12	cps
Dysprosium	156-1	658	583	742	661	11.99	cps
Dysprosium	156-2	267	253	300	273	8.79	cps
Erbium	164-1	492	383	475	450	12.96	cps
Erbium	164-2	257	180	223	220	17.47	cps
Gadolinium	160-1	683	683	608	658	6.58	cps
Gadolinium	160-2	363	417	400	393	6.94	cps
Holmium	165-1	12202834	10423536	10694979	11107116	8.63	cps
Holmium	165-2	5455165	5634339	5541150	5543551	1.62	cps
Indium	115-1	10704956	9867535	9302862	9958451	7.08	cps
Indium	115-2	1775382	1792307	1738867	1768852	1.54	cps
Iron	54-2	3992684	3976388	3917336	3962136	1.00	cps
Iron	56-2	69641238	70070765	70271288	69994430	0.46	cps
Iron	57-2	1793118	1831101	1809609	1811276	1.05	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:32:57	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	973	1020	983	3.34	cps
Lead	206-1	15018495	15811267	16221811	15683858	3.90	cps
Lead	207-1	13197729	13851266	14202123	13750373	3.71	cps
Lead	208-1	60931209	64021177	64940256	63297547	3.32	cps
Lithium	6-1	3865929	3355149	3313790	3511623	8.76	cps
Magnesium	24-2	14783607	14602943	14516489	14634346	0.93	cps
Manganese	55-2	9597833	9619206	9593791	9603610	0.14	cps
Molybdenum	94-1	10474280	10722762	10898203	10698415	1.99	cps
Molybdenum	95-1	12840200	13033463	13231075	13034913	1.50	cps
Molybdenum	96-1	14256802	14497327	14742195	14498774	1.67	cps
Molybdenum	97-1	7934976	7903621	8082981	7973860	1.20	cps
Molybdenum	98-1	20793049	20422879	20782978	20666302	1.02	cps
Neodymium	150-1	587	560	587	578	2.66	cps
Neodymium	150-2	127	170	153	150	14.57	cps
Nickel	60-2	809156	800944	794492	801531	0.92	cps
Phosphorus	31-2	442	592	408	481	20.32	cps
Potassium	39-2	5716122	5540088	5565646	5607285	1.70	cps
Rhodium	103-1	10603098	9212530	9216757	9677462	8.28	cps
Rhodium	103-2	4882092	4832384	4679165	4797881	2.20	cps
Scandium	45-1	8610253	7374174	7276352	7753593	9.59	cps
Scandium	45-2	275889	284201	278731	279607	1.51	cps
Selenium	82-1	86828	87765	88008	87533	0.71	cps
Selenium	77-2	3000	3410	3177	3196	6.44	cps
Selenium	78-2	11063	11151	10929	11048	1.01	cps
Silicon	28-1	30393301	31057101	31020262	30823555	1.21	cps
Silver	107-1	6148483	5044715	6077674	5756957	10.73	cps
Silver	109-1	5429640	5850079	5220900	5500207	5.83	cps
Sodium	23-2	37849212	38194814	37838122	37960716	0.53	cps
Strontium	86-1	2279923	2312880	2299009	2297271	0.72	cps
Strontium	88-1	19356179	19918594	19858820	19711197	1.57	cps
Sulfur	34-1	714571	717941	712268	714927	0.40	cps
Terbium	159-1	12538746	11251123	11154114	11647994	6.64	cps
Terbium	159-2	5658515	5758371	5520227	5645704	2.12	cps
Thallium	203-1	3902681	3998892	3906319	3935964	1.39	cps
Thallium	205-1	8807891	9106256	9085488	8999878	1.85	cps
Tin	118-1	3892855	3931552	4034097	3952834	1.85	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4169-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:32:57	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4188551	4114667	4154262	4152493	0.89	cps
Uranium	238-1	11294495	11514415	11720661	11509857	1.85	cps
Vanadium	51-2	1452657	1473831	1419981	1448823	1.87	cps
Ytterbium	172-1	175	192	258	208	21.17	cps
Ytterbium	172-2	89	172	78	113	45.70	cps
Ytterbium	176-1	1625	1333	1325	1428	11.97	cps
Ytterbium	176-2	3612	4162	3895	3890	7.07	cps
Yttrium	89-1	27113202	25068608	23756744	25312851	6.68	cps
Yttrium	89-2	3145314	3212082	3085270	3147556	2.02	cps
Zinc	66-2	2804646	2836435	2809717	2816933	0.61	cps
Zirconium	90-1	8878291	9465007	9197480	9180259	3.20	cps
Zirconium	91-1	2032234	2136077	2125400	2097904	2.72	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:38:14	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4466702	4402752	4330155	4399870	1.55	cps
Antimony	121-1	4661926	4549832	4644005	4618588	1.30	cps
Arsenic	75-2	160897	161648	159950	160831	0.53	cps
Barium	135-1	5973518	5780122	6095516	5949719	2.67	cps
Barium	137-1	10548827	10255548	10431883	10412086	1.42	cps
Beryllium	9-1	1147740	1161176	1152027	1153648	0.59	cps
Bismuth	209-1	6198514	6138239	6172423	6169725	0.49	cps
Bismuth	209-2	3673946	3630266	3856592	3720268	3.23	cps
Boron	10-1	115569	120719	122106	119465	2.88	cps
Boron	11-1	559853	588890	596798	581847	3.34	cps
Bromine	81-1	24416	24226	24697	24446	0.97	cps
Cadmium	111-1	1164144	1163012	1156338	1161165	0.36	cps
Cadmium	106-1	140882	134653	138040	137858	2.26	cps
Cadmium	108-1	91015	92558	90474	91349	1.18	cps
Calcium	43-1	9117674	8831638	8831959	8927090	1.85	cps
Calcium	44-1	148291214	145808764	145195711	146431896	1.12	cps
Carbon	12-1	6972451	7096426	7282563	7117147	2.19	cps
Carbon	12-2	91678	90017	90855	90850	0.91	cps
Chlorine	35-1	1456729	1462200	1395896	1438275	2.56	cps
Chlorine	35-2	10271	10813	9987	10357	4.05	cps
Chromium	52-2	1815846	1793918	1747752	1785839	1.95	cps
Cobalt	59-2	3079188	3084061	3028592	3063947	1.00	cps
Copper	63-2	23727646	23483033	23054690	23421790	1.45	cps
Dysprosium	156-1	992	867	975	945	7.19	cps
Dysprosium	156-2	450	440	423	438	3.08	cps
Erbium	164-1	217	225	242	228	5.59	cps
Erbium	164-2	123	110	123	119	6.48	cps
Gadolinium	160-1	933	608	800	781	20.93	cps
Gadolinium	160-2	577	507	487	523	9.03	cps
Holmium	165-1	11526440	11406807	11650830	11528026	1.06	cps
Holmium	165-2	5736044	5830877	6059334	5875418	2.83	cps
Indium	115-1	10171794	10099036	10100342	10123724	0.41	cps
Indium	115-2	1799532	1834636	1904897	1846355	2.91	cps
Iron	54-2	18714842	18648234	18663137	18675404	0.19	cps
Iron	56-2	340096174	333766763	340157541	338006826	1.09	cps
Iron	57-2	8630046	8608866	8422144	8553685	1.34	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:38:14	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	953	1007	991	3.32	cps
Lead	206-1	15446645	16136503	15547970	15710373	2.37	cps
Lead	207-1	13443567	13699052	13315343	13485987	1.45	cps
Lead	208-1	62002593	63137535	62231450	62457192	0.96	cps
Lithium	6-1	3518307	3477105	3466995	3487469	0.78	cps
Magnesium	24-2	63565997	62557964	62654268	62926076	0.88	cps
Manganese	55-2	9401336	9316399	9144670	9287468	1.41	cps
Molybdenum	94-1	11555903	11601639	11490127	11549223	0.49	cps
Molybdenum	95-1	13874452	13890031	14049800	13938095	0.70	cps
Molybdenum	96-1	15298057	15330296	15314257	15314203	0.11	cps
Molybdenum	97-1	8282941	8168516	8409403	8286953	1.45	cps
Molybdenum	98-1	21652103	21316613	21952634	21640450	1.47	cps
Neodymium	150-1	400	353	247	333	23.58	cps
Neodymium	150-2	43	73	40	52	35.15	cps
Nickel	60-2	821945	805335	812664	813315	1.02	cps
Phosphorus	31-2	50489	47846	48482	48939	2.82	cps
Potassium	39-2	26139283	26148479	25919756	26069173	0.50	cps
Rhodium	103-1	9747003	9330885	9610128	9562672	2.22	cps
Rhodium	103-2	4834117	4875721	5044273	4918037	2.26	cps
Scandium	45-1	7793264	7724943	7880083	7799430	1.00	cps
Scandium	45-2	290047	294177	294523	292915	0.85	cps
Selenium	82-1	93857	94364	93549	93923	0.44	cps
Selenium	77-2	3434	3497	3324	3418	2.57	cps
Selenium	78-2	11739	12021	11700	11820	1.48	cps
Silicon	28-1	4186853	4460899	4501532	4383095	3.91	cps
Silver	107-1	6692726	6640757	6588518	6640667	0.78	cps
Silver	109-1	6277709	6223551	6398954	6300071	1.43	cps
Sodium	23-2	123411844	123275169	118984732	121890582	2.07	cps
Strontium	86-1	17694217	17888314	17985927	17856153	0.83	cps
Strontium	88-1	151795595	154428037	153308128	153177253	0.86	cps
Sulfur	34-1	903740	907164	897714	902873	0.53	cps
Terbium	159-1	12415536	12021227	12160738	12199167	1.64	cps
Terbium	159-2	5772166	5823883	5839668	5811906	0.61	cps
Thallium	203-1	3953924	3976177	3811187	3913763	2.29	cps
Thallium	205-1	8979461	9239853	8930203	9049839	1.84	cps
Tin	118-1	4016059	4042731	4024990	4027927	0.34	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:38:14	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4313854	4335000	4286632	4311829	0.56	cps
Uranium	238-1	11820968	11852564	11971466	11881666	0.67	cps
Vanadium	51-2	1478635	1452142	1434695	1455157	1.52	cps
Ytterbium	172-1	125	108	100	111	11.46	cps
Ytterbium	172-2	67	67	28	54	41.81	cps
Ytterbium	176-1	17946	17771	17863	17860	0.49	cps
Ytterbium	176-2	11728	11705	12573	12002	4.12	cps
Yttrium	89-1	25946107	25514635	25826766	25762503	0.86	cps
Yttrium	89-2	3291269	3339427	3392146	3340947	1.51	cps
Zinc	66-2	2652530	2667192	2616412	2645378	0.99	cps
Zirconium	90-1	9825358	9844711	9671639	9780569	0.97	cps
Zirconium	91-1	2210733	2289776	2245714	2248741	1.76	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:48:31	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265	306	291	287	7.26	cps
Antimony	121-1	567	708	617	631	11.39	cps
Arsenic	75-2	16	12	12	13	17.32	cps
Barium	135-1	308	417	133	286	49.97	cps
Barium	137-1	392	717	383	497	38.23	cps
Beryllium	9-1	118	118	112	116	2.99	cps
Bismuth	209-1	6795720	6337164	6003499	6378794	6.24	cps
Bismuth	209-2	3956450	3979729	3910798	3948992	0.89	cps
Boron	10-1	4218	4272	4056	4182	2.69	cps
Boron	11-1	20586	20368	20144	20366	1.09	cps
Bromine	81-1	21950	23324	22301	22525	3.17	cps
Cadmium	111-1	638	646	620	635	2.13	cps
Cadmium	106-1	5676	5551	5835	5687	2.50	cps
Cadmium	108-1	42	67	79	63	30.55	cps
Calcium	43-1	707	807	687	734	8.76	cps
Calcium	44-1	56176	59296	55801	57091	3.36	cps
Carbon	12-1	5803629	6048349	5778217	5876732	2.54	cps
Carbon	12-2	68024	69532	67832	68463	1.36	cps
Chlorine	35-1	1228146	1188967	1170717	1195943	2.45	cps
Chlorine	35-2	9628	9737	9462	9609	1.44	cps
Chromium	52-2	1160	1097	1090	1116	3.46	cps
Cobalt	59-2	123	177	247	182	33.94	cps
Copper	63-2	1827	1960	1833	1873	4.01	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	58	42	50	16.67	cps
Erbium	164-2	47	40	50	46	11.18	cps
Gadolinium	160-1	100	92	108	100	8.33	cps
Gadolinium	160-2	50	57	70	59	17.29	cps
Holmium	165-1	11651608	10822517	10224353	10899492	6.58	cps
Holmium	165-2	5801821	5766448	5718182	5762151	0.73	cps
Indium	115-1	10589747	9880231	9481639	9983873	5.62	cps
Indium	115-2	1975121	1989742	1915367	1960077	2.01	cps
Iron	54-2	1139	1139	1233	1170	4.66	cps
Iron	56-2	11811	12784	13156	12584	5.52	cps
Iron	57-2	294	433	372	367	18.99	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:48:31	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	990	967	961	3.33	cps
Lead	206-1	2428	2761	2178	2456	11.92	cps
Lead	207-1	1989	2400	1945	2111	11.90	cps
Lead	208-1	9474	10897	8801	9724	11.00	cps
Lithium	6-1	3570297	3327323	3272338	3389986	4.68	cps
Magnesium	24-2	1458	1750	1717	1642	9.72	cps
Manganese	55-2	438	486	445	456	5.77	cps
Molybdenum	94-1	958	1025	725	903	17.45	cps
Molybdenum	95-1	733	833	583	717	17.56	cps
Molybdenum	96-1	933	1292	767	997	26.90	cps
Molybdenum	97-1	492	758	383	544	35.45	cps
Molybdenum	98-1	1067	1659	1042	1256	27.80	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	167	160	133	153	11.50	cps
Phosphorus	31-2	108	150	100	119	22.43	cps
Potassium	39-2	24805	25506	24454	24922	2.15	cps
Rhodium	103-1	10509423	9440956	9331569	9760650	6.67	cps
Rhodium	103-2	5338110	5330409	5285935	5318151	0.53	cps
Scandium	45-1	7957723	7464852	7041762	7488112	6.12	cps
Scandium	45-2	295819	290265	291177	292421	1.02	cps
Selenium	82-1	35	68	65	56	32.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	98	99	81	93	10.92	cps
Silicon	28-1	524012	544399	525742	531384	2.13	cps
Silver	107-1	933	625	675	744	22.23	cps
Silver	109-1	942	592	625	719	26.85	cps
Sodium	23-2	38284	37357	37649	37763	1.26	cps
Strontium	86-1	1742	2559	2109	2136	19.15	cps
Strontium	88-1	3876	6527	3059	4487	40.41	cps
Sulfur	34-1	431313	426571	429514	429133	0.56	cps
Terbium	159-1	12111237	10941022	10936670	11329643	5.97	cps
Terbium	159-2	5810014	5779484	5816857	5802118	0.34	cps
Thallium	203-1	950	1100	833	961	13.91	cps
Thallium	205-1	1867	2525	1825	2072	18.95	cps
Tin	118-1	2559	2467	2675	2567	4.07	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 16:48:31	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	525	508	417	483	12.07	cps
Uranium	238-1	583	683	367	544	29.73	cps
Vanadium	51-2	43	53	77	58	29.61	cps
Ytterbium	172-1	42	25	25	31	31.50	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	1392	1075	1117	1195	14.41	cps
Ytterbium	176-2	3790	4579	3867	4078	10.66	cps
Yttrium	89-1	26474628	24056491	24330055	24953725	5.31	cps
Yttrium	89-2	3398405	3276154	3408892	3361151	2.20	cps
Zinc	66-2	670	577	643	630	7.63	cps
Zirconium	90-1	1417	1483	1225	1375	9.75	cps
Zirconium	91-1	242	333	283	286	16.04	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : PB139843BL Instrumnet Name : P8
 Client Sample ID : PB139843BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 17:18:07 DataFile Name : 071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	256	264	274	265	3.32	cps
Antimony	121-1	283	458	258	333	32.69	cps
Arsenic	75-2	6	18	12	12	50.00	cps
Barium	135-1	100	567	183	283	87.84	cps
Barium	137-1	283	792	208	428	74.19	cps
Beryllium	9-1	70	118	88	92	26.36	cps
Bismuth	209-1	6428222	6509899	6656425	6531516	1.77	cps
Bismuth	209-2	3728626	4007345	3816736	3850902	3.70	cps
Boron	10-1	1622	1610	1602	1611	0.63	cps
Boron	11-1	7655	7378	7781	7604	2.70	cps
Bromine	81-1	21348	22461	21138	21649	3.28	cps
Cadmium	111-1	586	657	603	615	6.03	cps
Cadmium	106-1	5743	5751	5668	5721	0.80	cps
Cadmium	108-1	54	38	50	47	18.37	cps
Calcium	43-1	556	876	561	665	27.59	cps
Calcium	44-1	51783	56726	50981	53163	5.85	cps
Carbon	12-1	5896555	5948167	6027647	5957456	1.11	cps
Carbon	12-2	69640	66944	68535	68373	1.98	cps
Chlorine	35-1	854987	835193	822628	837603	1.95	cps
Chlorine	35-2	6477	6777	6443	6566	2.80	cps
Chromium	52-2	1180	1140	990	1103	9.08	cps
Cobalt	59-2	117	147	133	132	11.37	cps
Copper	63-2	1440	1350	1670	1487	11.10	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	37	13	20	23	51.52	cps
Gadolinium	160-1	117	33	50	67	66.15	cps
Gadolinium	160-2	40	83	50	58	39.27	cps
Holmium	165-1	11603946	11667163	11426143	11565751	1.08	cps
Holmium	165-2	5271963	5616071	5710239	5532758	4.17	cps
Indium	115-1	10474780	10842532	10412655	10576656	2.20	cps
Indium	115-2	1831291	1863923	1853833	1849682	0.90	cps
Iron	54-2	950	1022	1150	1041	9.73	cps
Iron	56-2	9526	9759	12039	10441	13.30	cps
Iron	57-2	294	356	344	331	9.82	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BL	Instrumnet Name :	P8
Client Sample ID :	PB139843BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:18:07	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	853	1003	1023	960	9.68	cps
Lead	206-1	1917	2550	1867	2111	18.05	cps
Lead	207-1	1317	2211	1389	1639	30.32	cps
Lead	208-1	7079	9868	6801	7916	21.43	cps
Lithium	6-1	3655225	3641370	3771099	3689231	1.93	cps
Magnesium	24-2	1050	1050	1467	1189	20.24	cps
Manganese	55-2	334	270	471	358	28.54	cps
Molybdenum	94-1	517	992	542	683	39.12	cps
Molybdenum	95-1	258	950	392	533	68.81	cps
Molybdenum	96-1	550	1208	442	733	56.58	cps
Molybdenum	97-1	175	567	217	319	67.34	cps
Molybdenum	98-1	442	1650	667	920	69.89	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	140	137	130	136	3.76	cps
Phosphorus	31-2	117	125	158	133	16.54	cps
Potassium	39-2	23820	23937	24296	24018	1.03	cps
Rhodium	103-1	10107991	10469766	10554386	10377381	2.28	cps
Rhodium	103-2	4973090	5060026	5028626	5020580	0.88	cps
Scandium	45-1	7917093	8163360	8330148	8136867	2.55	cps
Scandium	45-2	279323	294981	291937	288747	2.88	cps
Selenium	82-1	111	-33	-36	14	602.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	90	90	91	1.90	cps
Silicon	28-1	529759	530157	534933	531616	0.54	cps
Silver	107-1	425	342	342	369	13.02	cps
Silver	109-1	250	342	300	297	15.44	cps
Sodium	23-2	30933	31902	31769	31535	1.66	cps
Strontium	86-1	1825	2142	1809	1925	9.76	cps
Strontium	88-1	1925	6019	2434	3459	64.50	cps
Sulfur	34-1	458463	461861	459945	460090	0.37	cps
Terbium	159-1	11827699	11934391	11788279	11850123	0.64	cps
Terbium	159-2	5568038	5753772	5611232	5644347	1.72	cps
Thallium	203-1	600	725	625	650	10.18	cps
Thallium	205-1	1300	2034	1317	1550	27.01	cps
Tin	118-1	2625	2809	2184	2539	12.66	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BL	Instrumnet Name :	P8
Client Sample ID :	PB139843BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:18:07	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	508	325	378	30.11	cps
Uranium	238-1	242	692	167	367	77.44	cps
Vanadium	51-2	10	33	57	33	70.01	cps
Ytterbium	172-1	25	58	42	42	40.00	cps
Ytterbium	172-2	0	17	6	7	114.54	cps
Ytterbium	176-1	1158	1175	1392	1242	10.48	cps
Ytterbium	176-2	3967	4345	4329	4214	5.07	cps
Yttrium	89-1	25810829	25901780	27415152	26375920	3.42	cps
Yttrium	89-2	3185681	3328041	3270778	3261500	2.20	cps
Zinc	66-2	583	603	673	620	7.62	cps
Zirconium	90-1	983	1508	1167	1220	21.85	cps
Zirconium	91-1	258	333	250	281	16.36	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BS	Instrumnet Name :	P8
Client Sample ID :	PB139843BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:21:08	DataFile Name :	072LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	880081	869457	864865	871467	0.90	cps
Antimony	121-1	4635149	4721850	4653298	4670099	0.98	cps
Arsenic	75-2	159468	157559	157832	158286	0.65	cps
Barium	135-1	5879098	5963666	5884641	5909135	0.80	cps
Barium	137-1	10143485	10185941	10132044	10153823	0.28	cps
Beryllium	9-1	1209005	1188837	1184201	1194014	1.10	cps
Bismuth	209-1	6205551	6440067	6697469	6447695	3.82	cps
Bismuth	209-2	3783916	3735781	3719578	3746425	0.89	cps
Boron	10-1	106200	112143	116953	111765	4.82	cps
Boron	11-1	509383	544894	567956	540744	5.46	cps
Bromine	81-1	21659	22692	22060	22137	2.35	cps
Cadmium	111-1	1146586	1154895	1113432	1138304	1.93	cps
Cadmium	106-1	131913	136003	137088	135001	2.02	cps
Cadmium	108-1	90927	89992	88483	89800	1.37	cps
Calcium	43-1	2020017	1883842	1930086	1944648	3.56	cps
Calcium	44-1	31204229	30114191	30264128	30527516	1.94	cps
Carbon	12-1	6719362	6946967	6841653	6835994	1.67	cps
Carbon	12-2	83244	83354	84995	83864	1.17	cps
Chlorine	35-1	838201	819901	811467	823189	1.66	cps
Chlorine	35-2	6252	6018	6210	6160	2.02	cps
Chromium	52-2	1826308	1787720	1781836	1798621	1.34	cps
Cobalt	59-2	3173690	3121112	3028411	3107737	2.37	cps
Copper	63-2	23580440	23604645	23618162	23601082	0.08	cps
Dysprosium	156-1	300	192	258	250	21.86	cps
Dysprosium	156-2	117	87	110	104	15.08	cps
Erbium	164-1	67	108	75	83	26.46	cps
Erbium	164-2	33	47	63	48	31.46	cps
Gadolinium	160-1	258	342	158	253	36.31	cps
Gadolinium	160-2	163	167	183	171	6.26	cps
Holmium	165-1	11105772	11804540	12477967	11796093	5.82	cps
Holmium	165-2	5678764	5651851	5806218	5712277	1.44	cps
Indium	115-1	9986496	10555030	11266826	10602784	6.05	cps
Indium	115-2	1888514	1823807	1805509	1839277	2.37	cps
Iron	54-2	3908340	3982279	4024779	3971799	1.48	cps
Iron	56-2	72515379	70551195	70059338	71041971	1.83	cps
Iron	57-2	1865904	1801222	1783488	1816871	2.39	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BS	Instrumnet Name :	P8
Client Sample ID :	PB139843BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:21:08	DataFile Name :	072LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	933	930	932	0.21	cps
Lead	206-1	15955355	16474497	15619706	16016519	2.69	cps
Lead	207-1	13796015	14224993	13544480	13855163	2.48	cps
Lead	208-1	64059324	65142013	61841785	63681041	2.64	cps
Lithium	6-1	3610925	3678523	4003181	3764210	5.57	cps
Magnesium	24-2	13212783	13188521	13037403	13146236	0.72	cps
Manganese	55-2	9025789	8983995	9040923	9016902	0.33	cps
Molybdenum	94-1	11330122	11479278	11113358	11307586	1.63	cps
Molybdenum	95-1	13977689	13919739	13693224	13863551	1.08	cps
Molybdenum	96-1	15482464	15425910	15187280	15365218	1.02	cps
Molybdenum	97-1	8455820	8328238	8451194	8411750	0.86	cps
Molybdenum	98-1	22158577	21096944	21977536	21744352	2.61	cps
Neodymium	150-1	313	267	320	300	9.69	cps
Neodymium	150-2	33	27	13	24	41.66	cps
Nickel	60-2	815687	820913	812055	816218	0.55	cps
Phosphorus	31-2	49753	50414	49878	50015	0.70	cps
Potassium	39-2	5252787	5307449	5219013	5259750	0.85	cps
Rhodium	103-1	10010962	9824657	11104264	10313294	6.70	cps
Rhodium	103-2	4992098	4897845	4878522	4922821	1.23	cps
Scandium	45-1	8006297	7840884	8761954	8203045	5.99	cps
Scandium	45-2	293317	291393	285463	290058	1.41	cps
Selenium	82-1	91022	91413	90974	91136	0.26	cps
Selenium	77-2	3550	3354	3260	3388	4.37	cps
Selenium	78-2	11375	11535	11309	11406	1.02	cps
Silicon	28-1	4187013	4525658	4456485	4389719	4.08	cps
Silver	107-1	6369050	6511258	6397887	6426065	1.17	cps
Silver	109-1	6267487	6030431	6126516	6141478	1.94	cps
Sodium	23-2	25206925	24773558	25085448	25021977	0.89	cps
Strontium	86-1	17753115	18115517	17912276	17926969	1.01	cps
Strontium	88-1	152811849	154339674	151514766	152888763	0.92	cps
Sulfur	34-1	943580	984287	946033	957967	2.38	cps
Terbium	159-1	12313613	12155498	13050245	12506452	3.82	cps
Terbium	159-2	5725048	5745888	5728662	5733200	0.19	cps
Thallium	203-1	3974271	3914809	4012443	3967174	1.24	cps
Thallium	205-1	9233549	9366246	9142524	9247440	1.22	cps
Tin	118-1	4021215	4210522	4120754	4117497	2.30	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	PB139843BS	Instrumnet Name :	P8
Client Sample ID :	PB139843BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:21:08	DataFile Name :	072LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4293713	4425244	4193033	4303997	2.71	cps
Uranium	238-1	11367303	11435116	11275956	11359458	0.70	cps
Vanadium	51-2	1446068	1428603	1447167	1440613	0.72	cps
Ytterbium	172-1	58	50	50	53	9.12	cps
Ytterbium	172-2	17	22	33	24	35.24	cps
Ytterbium	176-1	18163	17295	17395	17618	2.70	cps
Ytterbium	176-2	12022	12907	12267	12399	3.68	cps
Yttrium	89-1	25747786	26038423	28102867	26629692	4.82	cps
Yttrium	89-2	3256345	3264069	3250952	3257122	0.20	cps
Zinc	66-2	2699550	2690977	2645769	2678765	1.08	cps
Zirconium	90-1	9521658	9682693	9298856	9501069	2.03	cps
Zirconium	91-1	2218074	2208801	2185422	2204099	0.76	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01	Instrumnet Name :	P8
Client Sample ID :	S-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:26:11	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2843864	2899798	2819656	2854439	1.44	cps
Antimony	121-1	1834	2034	1959	1942	5.20	cps
Arsenic	75-2	4847	4874	4926	4883	0.82	cps
Barium	135-1	619555	621406	608264	616408	1.15	cps
Barium	137-1	1095323	1069333	1070709	1078455	1.36	cps
Beryllium	9-1	5698	5486	5582	5589	1.90	cps
Bismuth	209-1	7434692	7227402	7565777	7409290	2.30	cps
Bismuth	209-2	4313325	4396783	4271734	4327280	1.47	cps
Boron	10-1	8373	7949	8195	8172	2.61	cps
Boron	11-1	39826	40034	38132	39331	2.65	cps
Bromine	81-1	24196	25319	25961	25159	3.55	cps
Cadmium	111-1	1284	1301	1200	1262	4.27	cps
Cadmium	106-1	7769	8336	7536	7880	5.22	cps
Cadmium	108-1	383	433	517	444	15.16	cps
Calcium	43-1	93668	92787	91650	92702	1.09	cps
Calcium	44-1	1619759	1607377	1605103	1610746	0.49	cps
Carbon	12-1	6747767	6968514	6949513	6888598	1.78	cps
Carbon	12-2	84536	83830	85373	84580	0.91	cps
Chlorine	35-1	645522	611728	598515	618589	3.92	cps
Chlorine	35-2	4517	4809	4884	4737	4.09	cps
Chromium	52-2	287853	287798	281366	285672	1.31	cps
Cobalt	59-2	101177	102342	101059	101526	0.70	cps
Copper	63-2	60605	59943	59528	60025	0.91	cps
Dysprosium	156-1	139845	139202	134684	137910	2.04	cps
Dysprosium	156-2	63550	64880	64220	64217	1.04	cps
Erbium	164-1	131161	134805	130201	132055	1.84	cps
Erbium	164-2	62352	61797	62958	62369	0.93	cps
Gadolinium	160-1	138173	138029	132742	136314	2.27	cps
Gadolinium	160-2	72255	71882	73994	72710	1.55	cps
Holmium	165-1	13097204	12967441	13256322	13106989	1.10	cps
Holmium	165-2	6359276	6348563	6225874	6311238	1.17	cps
Indium	115-1	11665210	11692544	11725255	11694336	0.26	cps
Indium	115-2	2048583	2041286	2030824	2040231	0.44	cps
Iron	54-2	6833316	6846890	6875160	6851789	0.31	cps
Iron	56-2	126280472	125820658	124482608	125527913	0.74	cps
Iron	57-2	3187955	3211379	3193027	3197454	0.39	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01	Instrumnet Name :	P8
Client Sample ID :	S-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:26:11	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1403	1247	1100	1250	12.14	cps
Lead	206-1	121143	116868	116206	118072	2.27	cps
Lead	207-1	97610	96597	95142	96450	1.29	cps
Lead	208-1	467218	456058	447316	456864	2.18	cps
Lithium	6-1	4116895	4090081	4191703	4132893	1.27	cps
Magnesium	24-2	795490	801843	811617	802983	1.01	cps
Manganese	55-2	654748	645629	650969	650449	0.70	cps
Molybdenum	94-1	192203	196252	209887	199448	4.65	cps
Molybdenum	95-1	33073	32597	32731	32801	0.75	cps
Molybdenum	96-1	65564	64073	63966	64534	1.38	cps
Molybdenum	97-1	19748	20407	19806	19987	1.83	cps
Molybdenum	98-1	51362	51488	49715	50855	1.95	cps
Neodymium	150-1	210215	206959	205442	207539	1.18	cps
Neodymium	150-2	74959	74184	74955	74699	0.60	cps
Nickel	60-2	45004	44961	45563	45176	0.74	cps
Phosphorus	31-2	7836	7902	7869	7869	0.42	cps
Potassium	39-2	466826	479847	468490	471721	1.50	cps
Rhodium	103-1	11634715	11514014	11566183	11571637	0.52	cps
Rhodium	103-2	5609562	5511616	5517514	5546231	0.99	cps
Scandium	45-1	9257590	9093244	9382246	9244360	1.57	cps
Scandium	45-2	321418	324324	321607	322450	0.50	cps
Selenium	82-1	262	459	511	411	32.00	cps
Selenium	77-2	397	410	413	407	2.17	cps
Selenium	78-2	371	377	383	377	1.59	cps
Silicon	28-1	14791832	17292698	16788136	16290889	8.12	cps
Silver	107-1	1925	1759	1892	1859	4.75	cps
Silver	109-1	1450	1675	1508	1545	7.56	cps
Sodium	23-2	144440	159311	144301	149351	5.78	cps
Strontium	86-1	157716	155225	150793	154578	2.27	cps
Strontium	88-1	1412734	1324649	1312931	1350104	4.04	cps
Sulfur	34-1	404280	409531	411293	408368	0.89	cps
Terbium	159-1	14129017	13247380	13669759	13682052	3.22	cps
Terbium	159-2	6320226	6322780	6264896	6302634	0.52	cps
Thallium	203-1	3984	3767	3917	3890	2.85	cps
Thallium	205-1	8603	8853	8870	8775	1.70	cps
Tin	118-1	45876	36777	28009	36887	24.22	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01	Instrumnet Name :	P8
Client Sample ID :	S-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:26:11	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	648614	759867	663873	690785	8.73	cps
Uranium	238-1	89651	85665	85505	86940	2.70	cps
Vanadium	51-2	227091	225890	226453	226478	0.27	cps
Ytterbium	172-1	40287	39451	39008	39582	1.64	cps
Ytterbium	172-2	21084	21807	21351	21414	1.71	cps
Ytterbium	176-1	25776	25083	25910	25589	1.73	cps
Ytterbium	176-2	17562	18113	18052	17909	1.69	cps
Yttrium	89-1	32154968	31342535	31563616	31687040	1.33	cps
Yttrium	89-2	3894383	3817328	3758499	3823403	1.78	cps
Zinc	66-2	62735	62748	63693	63059	0.87	cps
Zirconium	90-1	497306	476554	477100	483653	2.45	cps
Zirconium	91-1	111544	109492	102997	108011	4.13	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01DUP	Instrumnet Name :	P8
Client Sample ID :	S-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:29:08	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2888258	2842277	2944475	2891670	1.77	cps
Antimony	121-1	1183	1342	1475	1333	10.95	cps
Arsenic	75-2	5055	4970	5128	5051	1.57	cps
Barium	135-1	614629	623978	616453	618353	0.80	cps
Barium	137-1	1082792	1095729	1075886	1084802	0.93	cps
Beryllium	9-1	5548	5568	5484	5533	0.79	cps
Bismuth	209-1	7281579	7361438	7298778	7313932	0.57	cps
Bismuth	209-2	4245577	4326906	4240314	4270932	1.14	cps
Boron	10-1	5256	5174	5262	5231	0.94	cps
Boron	11-1	25668	25109	25391	25389	1.10	cps
Bromine	81-1	26061	28067	28609	27579	4.87	cps
Cadmium	111-1	1051	988	1026	1022	3.10	cps
Cadmium	106-1	8528	7977	8478	8328	3.66	cps
Cadmium	108-1	383	329	371	361	7.85	cps
Calcium	43-1	86940	86018	86699	86552	0.55	cps
Calcium	44-1	1542583	1534915	1525931	1534477	0.54	cps
Carbon	12-1	6268373	6494782	6475138	6412764	1.96	cps
Carbon	12-2	80136	77203	77873	78404	1.96	cps
Chlorine	35-1	635608	625461	612778	624615	1.83	cps
Chlorine	35-2	4876	4718	4384	4659	5.39	cps
Chromium	52-2	287392	289374	286621	287796	0.49	cps
Cobalt	59-2	101720	102617	101700	102013	0.51	cps
Copper	63-2	55033	54340	53685	54353	1.24	cps
Dysprosium	156-1	139316	135787	143738	139614	2.85	cps
Dysprosium	156-2	65671	65848	65647	65722	0.17	cps
Erbium	164-1	129211	132702	132044	131319	1.41	cps
Erbium	164-2	62805	61268	61247	61773	1.45	cps
Gadolinium	160-1	135324	136066	134636	135342	0.53	cps
Gadolinium	160-2	73820	73525	72241	73195	1.15	cps
Holmium	165-1	12919057	12620970	13302302	12947443	2.64	cps
Holmium	165-2	6266234	6447958	6348692	6354295	1.43	cps
Indium	115-1	11891525	11853902	12004595	11916674	0.66	cps
Indium	115-2	2085466	2133110	2124002	2114193	1.20	cps
Iron	54-2	6995585	6974839	6845930	6938785	1.17	cps
Iron	56-2	129022203	130051147	125145567	128072972	2.02	cps
Iron	57-2	3274253	3254812	3198797	3242621	1.21	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01DUP	Instrumnet Name :	P8
Client Sample ID :	S-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:29:08	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1217	1173	1093	1161	5.39	cps
Lead	206-1	112368	113074	114722	113388	1.07	cps
Lead	207-1	95517	97807	94495	95940	1.77	cps
Lead	208-1	447865	449182	446087	447711	0.35	cps
Lithium	6-1	4006999	3989774	4058144	4018306	0.88	cps
Magnesium	24-2	812192	803040	818285	811172	0.95	cps
Manganese	55-2	652859	646455	644878	648064	0.65	cps
Molybdenum	94-1	199031	194080	194839	195983	1.36	cps
Molybdenum	95-1	32263	31687	31770	31907	0.98	cps
Molybdenum	96-1	66761	64132	67942	66278	2.94	cps
Molybdenum	97-1	20082	19957	20224	20087	0.66	cps
Molybdenum	98-1	51170	50736	49581	50496	1.63	cps
Neodymium	150-1	214245	209618	214666	212843	1.32	cps
Neodymium	150-2	75743	75226	74023	74998	1.18	cps
Nickel	60-2	42647	42620	42838	42702	0.28	cps
Phosphorus	31-2	7477	7627	8194	7766	4.87	cps
Potassium	39-2	489475	492982	472587	485015	2.25	cps
Rhodium	103-1	11491336	11544617	11412245	11482733	0.58	cps
Rhodium	103-2	5628762	5801147	5565577	5665162	2.15	cps
Scandium	45-1	9122295	9135404	9081483	9113061	0.31	cps
Scandium	45-2	326535	327300	323137	325658	0.68	cps
Selenium	82-1	407	549	596	517	19.07	cps
Selenium	77-2	403	433	407	414	3.97	cps
Selenium	78-2	370	400	354	375	6.23	cps
Silicon	28-1	17201746	23285420	19652062	20046409	15.27	cps
Silver	107-1	1742	1700	1650	1697	2.70	cps
Silver	109-1	1417	1308	1192	1306	8.62	cps
Sodium	23-2	105064	106646	109286	106998	1.99	cps
Strontium	86-1	154070	157307	162732	158036	2.77	cps
Strontium	88-1	1353246	1342189	1355740	1350392	0.53	cps
Sulfur	34-1	373423	361524	351484	362143	3.03	cps
Terbium	159-1	13668018	13341579	13680982	13563526	1.42	cps
Terbium	159-2	6292853	6462017	6233052	6329307	1.88	cps
Thallium	203-1	3517	3651	3092	3420	8.53	cps
Thallium	205-1	7594	8370	8019	7994	4.86	cps
Tin	118-1	22372	21946	30956	25091	20.26	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01DUP	Instrumnet Name :	P8
Client Sample ID :	S-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:29:08	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	709942	708114	743430	720495	2.76	cps
Uranium	238-1	86462	84833	87796	86364	1.72	cps
Vanadium	51-2	232139	231794	229806	231246	0.54	cps
Ytterbium	172-1	39761	39735	38933	39476	1.19	cps
Ytterbium	172-2	21479	21779	21195	21484	1.36	cps
Ytterbium	176-1	27203	26319	26628	26717	1.68	cps
Ytterbium	176-2	17801	18113	17968	17961	0.87	cps
Yttrium	89-1	32275145	31217819	31653435	31715466	1.68	cps
Yttrium	89-2	3943074	3899045	3795904	3879341	1.95	cps
Zinc	66-2	47774	47179	47974	47642	0.87	cps
Zirconium	90-1	497303	484251	481955	487836	1.70	cps
Zirconium	91-1	111942	107169	108676	109262	2.23	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01LX5	Instrumnet Name :	P8
Client Sample ID :	S-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 17:32:03	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	490995	497972	496183	495050	0.73	cps
Antimony	121-1	408	650	708	589	27.01	cps
Arsenic	75-2	875	899	902	892	1.66	cps
Barium	135-1	108593	104763	107081	106813	1.81	cps
Barium	137-1	191038	190658	188882	190193	0.60	cps
Beryllium	9-1	948	1000	928	959	3.88	cps
Bismuth	209-1	6745568	6680485	6764957	6730336	0.66	cps
Bismuth	209-2	3926962	3402185	3895680	3741609	7.87	cps
Boron	10-1	3048	2750	2830	2876	5.36	cps
Boron	11-1	14456	13902	14292	14217	2.00	cps
Bromine	81-1	25520	25138	24146	24935	2.84	cps
Cadmium	111-1	794	746	741	760	3.88	cps
Cadmium	106-1	6460	6352	6510	6441	1.26	cps
Cadmium	108-1	63	104	104	90	26.65	cps
Calcium	43-1	16072	16335	16369	16258	1.00	cps
Calcium	44-1	310860	312640	310672	311391	0.35	cps
Carbon	12-1	5486042	5530691	5328066	5448267	1.95	cps
Carbon	12-2	65463	62709	63286	63820	2.28	cps
Chlorine	35-1	708295	696530	697903	700909	0.92	cps
Chlorine	35-2	5526	5226	5793	5515	5.14	cps
Chromium	52-2	56337	55675	54601	55538	1.58	cps
Cobalt	59-2	17574	18796	18526	18299	3.51	cps
Copper	63-2	11835	12396	11848	12026	2.66	cps
Dysprosium	156-1	22761	23722	22820	23101	2.33	cps
Dysprosium	156-2	11191	11662	11148	11334	2.51	cps
Erbium	164-1	22286	23154	23321	22920	2.42	cps
Erbium	164-2	10808	11248	11071	11042	2.01	cps
Gadolinium	160-1	23563	23371	23112	23349	0.97	cps
Gadolinium	160-2	13140	13000	13097	13079	0.55	cps
Holmium	165-1	11608360	11923449	11575223	11702344	1.64	cps
Holmium	165-2	5834480	5068388	5795837	5566235	7.75	cps
Indium	115-1	11026860	10906017	10796108	10909662	1.06	cps
Indium	115-2	1925248	1675315	1939828	1846797	8.05	cps
Iron	54-2	1179618	1216508	1208537	1201554	1.62	cps
Iron	56-2	22533344	22681562	22530785	22581897	0.38	cps
Iron	57-2	539645	558034	546468	548049	1.70	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01LX5	Instrumnet Name :	P8
Client Sample ID :	S-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 17:32:03	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1080	983	1040	4.85	cps
Lead	206-1	22041	21602	21885	21843	1.02	cps
Lead	207-1	17134	18124	17907	17722	2.94	cps
Lead	208-1	81907	83221	84153	83094	1.36	cps
Lithium	6-1	3585811	3680432	3622777	3629674	1.31	cps
Magnesium	24-2	136874	147777	142410	142353	3.83	cps
Manganese	55-2	117806	118625	118302	118244	0.35	cps
Molybdenum	94-1	34762	34193	34669	34541	0.88	cps
Molybdenum	95-1	5876	6368	6143	6129	4.02	cps
Molybdenum	96-1	11714	12398	11430	11847	4.20	cps
Molybdenum	97-1	3684	3867	3476	3676	5.33	cps
Molybdenum	98-1	10087	9453	9062	9534	5.43	cps
Neodymium	150-1	36096	35581	35494	35723	0.91	cps
Neodymium	150-2	13921	14251	13607	13927	2.31	cps
Nickel	60-2	9757	10137	9490	9795	3.32	cps
Phosphorus	31-2	1417	1333	1575	1442	8.52	cps
Potassium	39-2	104110	103872	106067	104683	1.15	cps
Rhodium	103-1	10623534	10554181	10549936	10575884	0.39	cps
Rhodium	103-2	5176385	4572783	5339581	5029583	8.03	cps
Scandium	45-1	8342092	8371817	8090295	8268068	1.87	cps
Scandium	45-2	294725	253775	297158	281886	8.65	cps
Selenium	82-1	55	13	89	52	73.54	cps
Selenium	77-2	53	93	73	73	27.27	cps
Selenium	78-2	161	131	150	147	10.30	cps
Silicon	28-1	3844772	3865294	9725213	5811760	58.32	cps
Silver	107-1	700	617	625	647	7.09	cps
Silver	109-1	583	583	500	556	8.66	cps
Sodium	23-2	47344	47553	46776	47224	0.85	cps
Strontium	86-1	28839	29407	29532	29259	1.26	cps
Strontium	88-1	234777	233636	239476	235963	1.31	cps
Sulfur	34-1	320028	318187	315940	318052	0.64	cps
Terbium	159-1	12611602	12533034	12272561	12472399	1.42	cps
Terbium	159-2	5722731	4977697	5828700	5509710	8.42	cps
Thallium	203-1	1233	1133	1042	1136	8.44	cps
Thallium	205-1	2742	3034	2642	2806	7.25	cps
Tin	118-1	4993	6715	12729	8146	49.86	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01LX5	Instrumnet Name :	P8
Client Sample ID :	S-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-12 17:32:03	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	111242	110052	121853	114383	5.68	cps
Uranium	238-1	15260	14876	15885	15340	3.32	cps
Vanadium	51-2	40517	41724	40785	41009	1.54	cps
Ytterbium	172-1	6585	6960	6777	6774	2.77	cps
Ytterbium	172-2	3940	3823	3806	3856	1.88	cps
Ytterbium	176-1	5876	5526	5451	5618	4.04	cps
Ytterbium	176-2	5974	5901	6268	6048	3.21	cps
Yttrium	89-1	27901390	27323264	27193382	27472679	1.37	cps
Yttrium	89-2	3405929	2963186	3362915	3244010	7.53	cps
Zinc	66-2	10991	11124	11231	11116	1.08	cps
Zirconium	90-1	85522	86192	85211	85642	0.59	cps
Zirconium	91-1	18763	18838	19339	18980	1.65	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : M4061-01MS Instrumnet Name : P8
 Client Sample ID : S-1MS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 17:38:23 DataFile Name : 076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3719158	3688333	3627975	3678489	1.26	cps
Antimony	121-1	4954736	4891452	4987848	4944679	0.99	cps
Arsenic	75-2	188865	188569	185125	187520	1.11	cps
Barium	135-1	7280255	7109034	7138571	7175953	1.28	cps
Barium	137-1	12859828	12515975	12255374	12543725	2.42	cps
Beryllium	9-1	1320068	1351249	1326323	1332547	1.24	cps
Bismuth	209-1	7502981	6457950	7206665	7055865	7.63	cps
Bismuth	209-2	4319120	4289415	4253363	4287299	0.77	cps
Boron	10-1	115216	121993	128537	121915	5.46	cps
Boron	11-1	568002	608419	617361	597927	4.40	cps
Bromine	81-1	26091	26834	26202	26375	1.52	cps
Cadmium	111-1	1295814	1292853	1280886	1289851	0.61	cps
Cadmium	106-1	156661	155760	154134	155518	0.82	cps
Cadmium	108-1	103863	103904	102217	103328	0.93	cps
Calcium	43-1	2092881	2084445	1996511	2057945	2.59	cps
Calcium	44-1	34605632	34165302	33985696	34252210	0.93	cps
Carbon	12-1	7817668	7707668	7951916	7825751	1.56	cps
Carbon	12-2	99310	97045	98396	98250	1.16	cps
Chlorine	35-1	680077	656734	644783	660531	2.72	cps
Chlorine	35-2	5134	5401	4801	5112	5.88	cps
Chromium	52-2	2279672	2265530	2250673	2265292	0.64	cps
Cobalt	59-2	3527430	3512927	3490512	3510290	0.53	cps
Copper	63-2	28248093	27565894	27143753	27652580	2.02	cps
Dysprosium	156-1	132067	136191	135501	134587	1.64	cps
Dysprosium	156-2	62308	61963	59998	61423	2.03	cps
Erbium	164-1	125265	125119	125213	125199	0.06	cps
Erbium	164-2	59506	58696	57788	58663	1.46	cps
Gadolinium	160-1	127139	132127	132110	130458	2.20	cps
Gadolinium	160-2	70332	69497	68338	69389	1.44	cps
Holmium	165-1	13609198	11655026	13111240	12791821	7.94	cps
Holmium	165-2	6699505	6409722	6548703	6552643	2.21	cps
Indium	115-1	12145460	10351728	11691560	11396249	8.18	cps
Indium	115-2	2074003	2081082	2066713	2073933	0.35	cps
Iron	54-2	10759472	10548764	10567044	10625093	1.10	cps
Iron	56-2	194565032	192775504	191189549	192843362	0.88	cps
Iron	57-2	4995500	4898051	4760842	4884798	2.41	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MS	Instrumnet Name :	P8
Client Sample ID :	S-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:38:23	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1397	1287	1298	7.23	cps
Lead	206-1	18295617	18352648	18045892	18231386	0.89	cps
Lead	207-1	15625080	15704537	15552539	15627385	0.49	cps
Lead	208-1	72526771	72497580	71592956	72205769	0.74	cps
Lithium	6-1	4096790	3671564	4060711	3943022	5.98	cps
Magnesium	24-2	14534199	14441470	14276471	14417380	0.91	cps
Manganese	55-2	11467775	11372135	11225386	11355099	1.08	cps
Molybdenum	94-1	12816216	12723629	12558113	12699319	1.03	cps
Molybdenum	95-1	15181796	15064656	14957118	15067856	0.75	cps
Molybdenum	96-1	16566472	16852714	16578897	16666028	0.97	cps
Molybdenum	97-1	9114456	9253114	9110951	9159507	0.89	cps
Molybdenum	98-1	23446702	24160078	23399853	23668877	1.80	cps
Neodymium	150-1	201075	203447	195362	199961	2.08	cps
Neodymium	150-2	72566	71808	69650	71341	2.12	cps
Nickel	60-2	948621	936126	911213	931986	2.04	cps
Phosphorus	31-2	7561	7902	7677	7713	2.25	cps
Potassium	39-2	6139511	6157320	5944335	6080389	1.94	cps
Rhodium	103-1	11634082	10256504	11252828	11047805	6.44	cps
Rhodium	103-2	5487357	5477503	5418028	5460963	0.69	cps
Scandium	45-1	9533737	8252031	9202321	8996030	7.40	cps
Scandium	45-2	335952	327863	329521	331112	1.29	cps
Selenium	82-1	108525	110515	107843	108961	1.27	cps
Selenium	77-2	4151	4087	4147	4128	0.86	cps
Selenium	78-2	13792	13530	13190	13504	2.24	cps
Silicon	28-1	56436113	28718217	21670055	35608128	51.61	cps
Silver	107-1	7085329	7066301	7064699	7072110	0.16	cps
Silver	109-1	6543852	6682672	6609361	6611962	1.05	cps
Sodium	23-2	26686977	26187622	25798216	26224272	1.70	cps
Strontium	86-1	2232981	2205388	2186366	2208245	1.06	cps
Strontium	88-1	19282929	19175379	19146191	19201499	0.38	cps
Sulfur	34-1	418475	419364	416415	418085	0.36	cps
Terbium	159-1	13935943	12293813	13684899	13304885	6.65	cps
Terbium	159-2	6615323	6450867	6351157	6472449	2.06	cps
Thallium	203-1	4471743	4404639	4376264	4417549	1.11	cps
Thallium	205-1	10260057	10497688	9807212	10188319	3.44	cps
Tin	118-1	4701258	4527402	4513227	4580629	2.29	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MS	Instrumnet Name :	P8
Client Sample ID :	S-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:38:23	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5452351	5587443	5515346	5518380	1.22	cps
Uranium	238-1	13211204	12987785	13002564	13067184	0.96	cps
Vanadium	51-2	1817334	1784394	1782031	1794586	1.10	cps
Ytterbium	172-1	36234	38122	36994	37117	2.56	cps
Ytterbium	172-2	20861	19754	19726	20114	3.22	cps
Ytterbium	176-1	25667	25701	24815	25394	1.98	cps
Ytterbium	176-2	16739	17267	17506	17171	2.29	cps
Yttrium	89-1	33316817	28290462	31979805	31195695	8.35	cps
Yttrium	89-2	3836155	3868798	3848523	3851159	0.43	cps
Zinc	66-2	3470771	3340337	3321743	3377617	2.40	cps
Zirconium	90-1	11551105	11167110	11096569	11271595	2.17	cps
Zirconium	91-1	2617414	2539077	2530771	2562421	1.87	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MSD	Instrumnet Name :	P8
Client Sample ID :	S-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:41:19	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3605757	3587426	3563944	3585709	0.58	cps
Antimony	121-1	5091192	5116971	5038759	5082307	0.78	cps
Arsenic	75-2	187721	186844	187076	187214	0.24	cps
Barium	135-1	7231721	7220562	7024554	7158946	1.63	cps
Barium	137-1	12735623	12200899	12446875	12461132	2.15	cps
Beryllium	9-1	1359225	1343312	1324821	1342453	1.28	cps
Bismuth	209-1	7550787	7323952	7183016	7352585	2.52	cps
Bismuth	209-2	4298857	4346617	4309816	4318430	0.58	cps
Boron	10-1	127871	128912	133799	130194	2.43	cps
Boron	11-1	602429	639102	650836	630789	4.00	cps
Bromine	81-1	24426	25690	25289	25135	2.57	cps
Cadmium	111-1	1283560	1299398	1269373	1284110	1.17	cps
Cadmium	106-1	151057	151275	152244	151525	0.42	cps
Cadmium	108-1	102188	101194	103733	102372	1.25	cps
Calcium	43-1	2086121	2071163	2016958	2058080	1.77	cps
Calcium	44-1	34178050	33160189	32829208	33389149	2.11	cps
Carbon	12-1	7324300	7695906	7781877	7600694	3.20	cps
Carbon	12-2	90185	94075	94537	92933	2.57	cps
Chlorine	35-1	685378	668191	665207	672925	1.62	cps
Chlorine	35-2	4984	5284	5393	5221	4.05	cps
Chromium	52-2	2276471	2223679	2224953	2241701	1.34	cps
Cobalt	59-2	3479412	3491041	3529561	3500005	0.75	cps
Copper	63-2	28162327	27881799	27359366	27801164	1.47	cps
Dysprosium	156-1	130544	133005	128062	130537	1.89	cps
Dysprosium	156-2	61612	60476	62422	61503	1.59	cps
Erbium	164-1	129277	124758	124186	126074	2.21	cps
Erbium	164-2	57537	58736	59154	58476	1.44	cps
Gadolinium	160-1	129888	134939	131749	132192	1.93	cps
Gadolinium	160-2	70371	69909	70261	70180	0.34	cps
Holmium	165-1	13241381	12922819	12988894	13051031	1.29	cps
Holmium	165-2	6471066	6683601	6421045	6525237	2.14	cps
Indium	115-1	11953138	11628865	11499687	11693897	2.00	cps
Indium	115-2	2005653	2128236	2053469	2062453	3.00	cps
Iron	54-2	10688862	10444442	10491392	10541566	1.23	cps
Iron	56-2	188333471	190683471	188547932	189188291	0.69	cps
Iron	57-2	4886380	4814955	4818287	4839874	0.83	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MSD	Instrumnet Name :	P8
Client Sample ID :	S-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:41:19	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1290	1133	1217	6.48	cps
Lead	206-1	18420688	18185648	18095373	18233903	0.92	cps
Lead	207-1	15873511	15630797	15718703	15741004	0.78	cps
Lead	208-1	73204106	72399294	71337764	72313721	1.29	cps
Lithium	6-1	4058301	4078469	4060147	4065639	0.27	cps
Magnesium	24-2	8367631	8517695	8192063	8359130	1.95	cps
Manganese	55-2	11229874	11124674	11126669	11160406	0.54	cps
Molybdenum	94-1	12859706	12713434	12349091	12640744	2.08	cps
Molybdenum	95-1	15310616	15097425	14939653	15115898	1.23	cps
Molybdenum	96-1	17099298	16541345	16596767	16745803	1.84	cps
Molybdenum	97-1	9299114	9125884	9034715	9153238	1.47	cps
Molybdenum	98-1	23806752	23785196	23475340	23689096	0.78	cps
Neodymium	150-1	203238	189732	196216	196395	3.44	cps
Neodymium	150-2	71741	71285	70293	71106	1.04	cps
Nickel	60-2	936130	932859	920662	929883	0.88	cps
Phosphorus	31-2	7560	7510	7852	7641	2.42	cps
Potassium	39-2	5984011	5945967	5928980	5952986	0.47	cps
Rhodium	103-1	11354753	11235234	11159804	11249930	0.87	cps
Rhodium	103-2	5496914	5637846	5587438	5574066	1.28	cps
Scandium	45-1	9286263	9124976	8979731	9130323	1.68	cps
Scandium	45-2	320963	332324	327056	326781	1.74	cps
Selenium	82-1	106657	106462	107737	106952	0.64	cps
Selenium	77-2	4117	4597	4237	4317	5.79	cps
Selenium	78-2	13350	13571	13434	13451	0.83	cps
Silicon	28-1	16141551	34871436	18620647	23211211	43.83	cps
Silver	107-1	6916983	6910863	6968412	6932086	0.46	cps
Silver	109-1	6815806	6589133	6766167	6723702	1.77	cps
Sodium	23-2	26582046	26613143	26235731	26476974	0.79	cps
Strontium	86-1	2237102	2235123	2197635	2223287	1.00	cps
Strontium	88-1	18963798	18982731	18792251	18912926	0.55	cps
Sulfur	34-1	404907	409138	410115	408053	0.68	cps
Terbium	159-1	13603720	14358357	13672895	13878324	3.01	cps
Terbium	159-2	6336467	6551234	6478386	6455362	1.69	cps
Thallium	203-1	4333876	4506778	4446025	4428893	1.98	cps
Thallium	205-1	10314297	10496538	10259885	10356907	1.20	cps
Tin	118-1	4568039	4557622	4465372	4530344	1.25	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01MSD	Instrumnet Name :	P8
Client Sample ID :	S-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:41:19	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5421279	5472355	5383333	5425656	0.82	cps
Uranium	238-1	13556256	13226768	13039210	13274078	1.97	cps
Vanadium	51-2	1820362	1816945	1782953	1806753	1.14	cps
Ytterbium	172-1	37370	37546	36651	37189	1.27	cps
Ytterbium	172-2	20950	20794	20489	20744	1.13	cps
Ytterbium	176-1	23964	26751	23780	24832	6.70	cps
Ytterbium	176-2	17312	17167	18012	17497	2.58	cps
Yttrium	89-1	31980385	31647645	31398589	31675540	0.92	cps
Yttrium	89-2	3849938	3907118	3855348	3870801	0.82	cps
Zinc	66-2	3342821	3225858	3306633	3291770	1.82	cps
Zirconium	90-1	11015513	11135910	10916560	11022661	1.00	cps
Zirconium	91-1	2492454	2531296	2496082	2506610	0.86	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01A	Instrumnet Name :	P8
Client Sample ID :	S-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:44:12	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3716307	3698528	3481745	3632193	3.60	cps
Antimony	121-1	5000414	4844007	4786236	4876886	2.27	cps
Arsenic	75-2	188682	187015	186379	187359	0.63	cps
Barium	135-1	7187247	7052661	6944999	7061636	1.72	cps
Barium	137-1	12684210	12390686	12162483	12412460	2.11	cps
Beryllium	9-1	1341754	1348516	1341035	1343768	0.31	cps
Bismuth	209-1	6970448	7274094	7347308	7197283	2.78	cps
Bismuth	209-2	4233277	4172605	4172940	4192941	0.83	cps
Boron	10-1	131020	137604	138444	135689	3.00	cps
Boron	11-1	632497	654695	678736	655309	3.53	cps
Bromine	81-1	24567	25800	24818	25062	2.60	cps
Cadmium	111-1	1299614	1311734	1310422	1307257	0.51	cps
Cadmium	106-1	154703	154638	153265	154202	0.53	cps
Cadmium	108-1	103200	100630	102020	101950	1.26	cps
Calcium	43-1	2082587	2066218	2021190	2056665	1.55	cps
Calcium	44-1	33332265	34240354	32664522	33412380	2.37	cps
Carbon	12-1	7644302	7843446	8102970	7863573	2.92	cps
Carbon	12-2	97397	98194	100426	98673	1.59	cps
Chlorine	35-1	681779	664143	663088	669670	1.57	cps
Chlorine	35-2	4851	4926	4476	4751	5.08	cps
Chromium	52-2	2248948	2233019	2248031	2243333	0.40	cps
Cobalt	59-2	3470327	3420524	3477033	3455961	0.89	cps
Copper	63-2	28569402	27744010	27561481	27958298	1.92	cps
Dysprosium	156-1	130568	132967	134591	132709	1.52	cps
Dysprosium	156-2	62874	61658	62050	62194	1.00	cps
Erbium	164-1	126323	127468	125237	126343	0.88	cps
Erbium	164-2	58676	58770	58642	58696	0.11	cps
Gadolinium	160-1	135082	134215	132648	133982	0.92	cps
Gadolinium	160-2	70318	69561	69514	69797	0.65	cps
Holmium	165-1	12641282	12994013	13098578	12911291	1.86	cps
Holmium	165-2	6624861	6428286	6284669	6445939	2.65	cps
Indium	115-1	11298824	11691378	11533728	11507977	1.72	cps
Indium	115-2	2043076	2045056	2046471	2044868	0.08	cps
Iron	54-2	10523312	10571911	10514956	10536726	0.29	cps
Iron	56-2	196473877	190750015	188331393	191851762	2.18	cps
Iron	57-2	4768905	4836184	4794165	4799751	0.71	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01A	Instrumnet Name :	P8
Client Sample ID :	S-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:44:12	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1257	1077	1173	7.73	cps
Lead	206-1	18201168	18234850	18879222	18438414	2.07	cps
Lead	207-1	15685773	15821561	16017630	15841654	1.05	cps
Lead	208-1	72214943	72327822	74192730	72911832	1.52	cps
Lithium	6-1	3877938	4057967	4029192	3988365	2.42	cps
Magnesium	24-2	11642085	11521567	11199864	11454505	2.00	cps
Manganese	55-2	11467179	11520311	11075868	11354453	2.14	cps
Molybdenum	94-1	12662600	12694620	12455920	12604380	1.03	cps
Molybdenum	95-1	14918629	15059484	14740285	14906133	1.07	cps
Molybdenum	96-1	16712339	16763386	16592992	16689572	0.52	cps
Molybdenum	97-1	9055299	9202776	9242390	9166822	1.08	cps
Molybdenum	98-1	23588171	23960925	23650257	23733118	0.84	cps
Neodymium	150-1	197630	199169	198117	198306	0.40	cps
Neodymium	150-2	71412	70951	72150	71504	0.85	cps
Nickel	60-2	938239	930772	920053	929688	0.98	cps
Phosphorus	31-2	7085	7360	7185	7210	1.93	cps
Potassium	39-2	5972602	5948989	5881967	5934519	0.79	cps
Rhodium	103-1	10919842	11411337	11163638	11164939	2.20	cps
Rhodium	103-2	5595927	5329359	5407071	5444119	2.52	cps
Scandium	45-1	8884323	9234825	9094703	9071284	1.94	cps
Scandium	45-2	330031	325620	313673	323108	2.62	cps
Selenium	82-1	106976	107074	106750	106933	0.16	cps
Selenium	77-2	4454	4204	4077	4245	4.52	cps
Selenium	78-2	13614	13576	13482	13557	0.50	cps
Silicon	28-1	17748739	18031004	23332066	19703936	15.96	cps
Silver	107-1	7234215	6984523	6918945	7045894	2.36	cps
Silver	109-1	6610348	6751785	6498267	6620133	1.92	cps
Sodium	23-2	26673294	26313689	26301255	26429413	0.80	cps
Strontium	86-1	2277944	2195313	2207187	2226814	2.01	cps
Strontium	88-1	19381077	19246674	18795308	19141020	1.60	cps
Sulfur	34-1	409167	406981	402850	406333	0.79	cps
Terbium	159-1	13596395	13945952	13994982	13845776	1.57	cps
Terbium	159-2	6775655	6490156	6355938	6540583	3.28	cps
Thallium	203-1	4551283	4425293	4581967	4519515	1.84	cps
Thallium	205-1	10488740	10319604	10526771	10445038	1.06	cps
Tin	118-1	4537784	4493127	4416922	4482611	1.36	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-01A	Instrumnet Name :	P8
Client Sample ID :	S-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:44:12	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5352537	5366670	5249066	5322758	1.21	cps
Uranium	238-1	13222353	13257803	13203834	13227996	0.21	cps
Vanadium	51-2	1789255	1772310	1791590	1784385	0.59	cps
Ytterbium	172-1	37145	36593	37897	37212	1.76	cps
Ytterbium	172-2	22184	20266	19837	20762	6.02	cps
Ytterbium	176-1	25467	25233	24832	25177	1.27	cps
Ytterbium	176-2	17640	17868	17873	17794	0.75	cps
Yttrium	89-1	31311945	31884005	31614768	31603573	0.91	cps
Yttrium	89-2	4008095	3781038	3743101	3844078	3.73	cps
Zinc	66-2	3326314	3318362	3293507	3312728	0.52	cps
Zirconium	90-1	11141722	11139220	11091596	11124179	0.25	cps
Zirconium	91-1	2543660	2536850	2516688	2532399	0.55	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-02	Instrumnet Name :	P8
Client Sample ID :	S-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:47:07	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2832419	2804781	2801352	2812850	0.61	cps
Antimony	121-1	4409	4885	4659	4651	5.11	cps
Arsenic	75-2	7639	7526	7536	7567	0.83	cps
Barium	135-1	537156	535291	531780	534742	0.51	cps
Barium	137-1	948205	947759	931666	942543	1.00	cps
Beryllium	9-1	7462	7090	7194	7249	2.65	cps
Bismuth	209-1	7288850	7617473	6728369	7211564	6.23	cps
Bismuth	209-2	4377564	4218434	4413163	4336387	2.39	cps
Boron	10-1	19523	18058	16966	18182	7.06	cps
Boron	11-1	93795	87245	82870	87970	6.25	cps
Bromine	81-1	23875	24005	24397	24092	1.13	cps
Cadmium	111-1	3158	3152	3117	3142	0.71	cps
Cadmium	106-1	8411	9153	7827	8464	7.85	cps
Cadmium	108-1	638	608	571	606	5.52	cps
Calcium	43-1	123577	121720	121221	122173	1.02	cps
Calcium	44-1	2151714	2132196	2148566	2144159	0.49	cps
Carbon	12-1	7127523	7293715	7140408	7187215	1.29	cps
Carbon	12-2	86404	86287	87099	86597	0.51	cps
Chlorine	35-1	592484	571566	558102	574050	3.02	cps
Chlorine	35-2	4384	4442	4351	4392	1.06	cps
Chromium	52-2	333673	334428	330665	332922	0.60	cps
Cobalt	59-2	86699	86202	86142	86348	0.35	cps
Copper	63-2	83661	84584	83011	83752	0.94	cps
Dysprosium	156-1	149438	145000	147241	147226	1.51	cps
Dysprosium	156-2	70237	71497	69832	70522	1.23	cps
Erbium	164-1	153784	152219	147035	151013	2.34	cps
Erbium	164-2	71069	70677	69507	70418	1.15	cps
Gadolinium	160-1	153505	147967	149484	150318	1.90	cps
Gadolinium	160-2	81307	80569	80887	80921	0.46	cps
Holmium	165-1	13366965	13747732	11488329	12867675	9.40	cps
Holmium	165-2	6603157	6269947	6421784	6431629	2.59	cps
Indium	115-1	12003199	12028693	10622073	11551322	6.97	cps
Indium	115-2	2185291	2092431	2111635	2129786	2.30	cps
Iron	54-2	8089001	7856603	7897502	7947702	1.56	cps
Iron	56-2	142709020	147178876	146049092	145312329	1.60	cps
Iron	57-2	3685490	3557221	3644397	3629036	1.80	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-02	Instrumnet Name :	P8
Client Sample ID :	S-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:47:07	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1337	1340	1587	1421	10.09	cps
Lead	206-1	159504	155278	154583	156455	1.70	cps
Lead	207-1	129644	124199	125415	126419	2.26	cps
Lead	208-1	611329	597631	594207	601056	1.51	cps
Lithium	6-1	4178046	4146443	3694038	4006175	6.76	cps
Magnesium	24-2	790138	782930	785414	786161	0.47	cps
Manganese	55-2	770499	764536	768989	768008	0.40	cps
Molybdenum	94-1	177373	176303	177894	177190	0.46	cps
Molybdenum	95-1	18905	18304	17470	18226	3.95	cps
Molybdenum	96-1	49589	48369	48377	48778	1.44	cps
Molybdenum	97-1	11714	11430	10963	11369	3.33	cps
Molybdenum	98-1	29449	27996	28279	28575	2.70	cps
Neodymium	150-1	211929	214425	205404	210586	2.21	cps
Neodymium	150-2	76433	75746	78223	76801	1.67	cps
Nickel	60-2	47044	46492	46436	46657	0.72	cps
Phosphorus	31-2	11463	11964	11488	11638	2.42	cps
Potassium	39-2	492858	496682	503315	497619	1.06	cps
Rhodium	103-1	11636221	11967616	10097533	11233790	8.88	cps
Rhodium	103-2	5792326	5477345	5597170	5622280	2.83	cps
Scandium	45-1	9184174	9202644	8230137	8872318	6.27	cps
Scandium	45-2	332945	317993	326402	325780	2.30	cps
Selenium	82-1	335	421	269	342	22.42	cps
Selenium	77-2	387	390	440	406	7.37	cps
Selenium	78-2	379	412	389	393	4.30	cps
Silicon	28-1	17140561	12615472	11799815	13851950	20.77	cps
Silver	107-1	4326	3876	5201	4468	15.09	cps
Silver	109-1	3442	3317	4593	3784	18.58	cps
Sodium	23-2	178200	164831	166932	169988	4.23	cps
Strontium	86-1	184751	186679	182865	184765	1.03	cps
Strontium	88-1	1606324	1646362	1631110	1627932	1.24	cps
Sulfur	34-1	393833	389788	381478	388366	1.62	cps
Terbium	159-1	13843776	13695706	12387866	13309116	6.02	cps
Terbium	159-2	6719139	6247761	6400428	6455776	3.73	cps
Thallium	203-1	13866	13666	13649	13727	0.88	cps
Thallium	205-1	32976	32074	30804	31951	3.41	cps
Tin	118-1	356579	351796	358561	355645	0.98	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-02	Instrumnet Name :	P8
Client Sample ID :	S-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:47:07	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	648841	628229	647222	641431	1.79	cps
Uranium	238-1	92671	91465	94608	92915	1.71	cps
Vanadium	51-2	240133	240098	235608	238613	1.09	cps
Ytterbium	172-1	43372	42495	42327	42731	1.31	cps
Ytterbium	172-2	23811	22697	23015	23174	2.47	cps
Ytterbium	176-1	28415	28381	27571	28122	1.70	cps
Ytterbium	176-2	19992	19748	19793	19844	0.65	cps
Yttrium	89-1	32262157	32711572	28646771	31206833	7.14	cps
Yttrium	89-2	4045050	3891703	3998007	3978253	1.97	cps
Zinc	66-2	83274	80289	81409	81657	1.85	cps
Zirconium	90-1	467854	459342	457517	461571	1.20	cps
Zirconium	91-1	104787	103533	101343	103221	1.69	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-03	Instrumnet Name :	P8
Client Sample ID :	S-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:50:02	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3012069	3051138	3030252	3031153	0.64	cps
Antimony	121-1	4643	4609	4701	4651	1.00	cps
Arsenic	75-2	83196	84182	82287	83222	1.14	cps
Barium	135-1	746876	755025	745441	749114	0.69	cps
Barium	137-1	1321489	1351927	1323334	1332250	1.28	cps
Beryllium	9-1	6828	6840	6750	6806	0.72	cps
Bismuth	209-1	7451090	7868406	7457891	7592462	3.15	cps
Bismuth	209-2	4394673	4134956	4521280	4350303	4.53	cps
Boron	10-1	11380	11690	11018	11363	2.96	cps
Boron	11-1	55345	55293	53292	54643	2.14	cps
Bromine	81-1	26703	27425	27305	27144	1.43	cps
Cadmium	111-1	3606	3783	3579	3656	3.03	cps
Cadmium	106-1	7969	8703	8270	8314	4.44	cps
Cadmium	108-1	625	596	688	636	7.36	cps
Calcium	43-1	218407	220065	220504	219659	0.50	cps
Calcium	44-1	3850011	3671335	3668683	3730010	2.79	cps
Carbon	12-1	8116416	8307400	8273684	8232500	1.24	cps
Carbon	12-2	99486	99302	95477	98088	2.31	cps
Chlorine	35-1	595796	573166	560589	576517	3.09	cps
Chlorine	35-2	4526	4534	4734	4598	2.57	cps
Chromium	52-2	371617	376523	367547	371896	1.21	cps
Cobalt	59-2	106270	107973	104255	106166	1.75	cps
Copper	63-2	225090	228637	222023	225250	1.47	cps
Dysprosium	156-1	119633	115573	115396	116868	2.05	cps
Dysprosium	156-2	54849	54902	54092	54614	0.83	cps
Erbium	164-1	103932	112512	106971	107805	4.04	cps
Erbium	164-2	51162	51004	50824	50997	0.33	cps
Gadolinium	160-1	111735	113104	109054	111298	1.85	cps
Gadolinium	160-2	61585	61813	60149	61182	1.47	cps
Holmium	165-1	13002984	13465652	12948847	13139161	2.16	cps
Holmium	165-2	6448956	6329869	6685374	6488066	2.79	cps
Indium	115-1	12013512	11955697	11930577	11966595	0.36	cps
Indium	115-2	2135706	2066274	2100417	2100799	1.65	cps
Iron	54-2	8607424	8707408	8426330	8580387	1.66	cps
Iron	56-2	155582537	156292292	156575565	156150131	0.33	cps
Iron	57-2	4018182	3973318	3840709	3944070	2.34	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-03	Instrumnet Name :	P8
Client Sample ID :	S-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:50:02	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1240	1070	1166	7.46	cps
Lead	206-1	1385357	1371371	1358241	1371656	0.99	cps
Lead	207-1	1160549	1162705	1150383	1157879	0.57	cps
Lead	208-1	5685267	5654844	5646144	5662085	0.36	cps
Lithium	6-1	4063486	4229243	4006134	4099621	2.83	cps
Magnesium	24-2	783628	802420	789513	791854	1.21	cps
Manganese	55-2	818527	836315	820972	825271	1.17	cps
Molybdenum	94-1	211103	215315	210418	212279	1.25	cps
Molybdenum	95-1	20758	23128	21317	21734	5.70	cps
Molybdenum	96-1	60024	70015	58492	62844	9.96	cps
Molybdenum	97-1	13582	13599	13707	13629	0.50	cps
Molybdenum	98-1	35070	34702	34210	34661	1.25	cps
Neodymium	150-1	174203	172652	170765	172540	1.00	cps
Neodymium	150-2	63007	63600	62036	62881	1.26	cps
Nickel	60-2	58677	59966	59474	59372	1.10	cps
Phosphorus	31-2	10321	9937	9328	9862	5.08	cps
Potassium	39-2	673353	691011	672727	679030	1.53	cps
Rhodium	103-1	11469137	11835636	11355831	11553535	2.17	cps
Rhodium	103-2	5711480	5438489	5802915	5650961	3.36	cps
Scandium	45-1	9146575	9331188	8889530	9122431	2.43	cps
Scandium	45-2	331721	316728	330801	326417	2.57	cps
Selenium	82-1	445	413	574	477	17.87	cps
Selenium	77-2	390	317	330	346	11.30	cps
Selenium	78-2	364	345	353	354	2.69	cps
Silicon	28-1	13181898	18491368	17731763	16468343	17.44	cps
Silver	107-1	3826	3551	3992	3790	5.89	cps
Silver	109-1	3734	3676	3484	3631	3.60	cps
Sodium	23-2	278628	280911	280182	279907	0.42	cps
Strontium	86-1	367007	371171	366961	368380	0.66	cps
Strontium	88-1	3352912	3236307	3259184	3282801	1.88	cps
Sulfur	34-1	376882	379320	375565	377256	0.51	cps
Terbium	159-1	13569740	13590084	13675579	13611801	0.41	cps
Terbium	159-2	6530595	6083396	6579793	6397928	4.27	cps
Thallium	203-1	13040	13474	13324	13279	1.66	cps
Thallium	205-1	32784	32124	31873	32260	1.46	cps
Tin	118-1	42130	39968	40123	40740	2.96	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-03	Instrumnet Name :	P8
Client Sample ID :	S-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:50:02	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	959559	1041660	958670	986629	4.83	cps
Uranium	238-1	119326	121335	116860	119174	1.88	cps
Vanadium	51-2	321722	324957	320407	322362	0.73	cps
Ytterbium	172-1	31781	31463	31630	31625	0.50	cps
Ytterbium	172-2	17211	17968	17729	17636	2.19	cps
Ytterbium	176-1	21234	20842	22194	21423	3.25	cps
Ytterbium	176-2	15876	15376	15810	15687	1.73	cps
Yttrium	89-1	31668566	31850949	31466843	31662119	0.61	cps
Yttrium	89-2	3895898	3780206	3978298	3884801	2.56	cps
Zinc	66-2	169560	170498	169497	169852	0.33	cps
Zirconium	90-1	551235	543189	545455	546627	0.76	cps
Zirconium	91-1	124773	122009	121632	122805	1.40	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:55:28	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4354793	4473991	4393580	4407455	1.38	cps
Antimony	121-1	4619556	4525051	4535639	4560082	1.14	cps
Arsenic	75-2	156998	158114	156869	157327	0.44	cps
Barium	135-1	6010594	5871859	5858529	5913661	1.42	cps
Barium	137-1	10259572	10237320	10198694	10231862	0.30	cps
Beryllium	9-1	1206245	1234589	1166999	1202611	2.82	cps
Bismuth	209-1	6086954	6104153	5932649	6041252	1.56	cps
Bismuth	209-2	3716306	3578563	3659675	3651515	1.90	cps
Boron	10-1	117335	123565	124503	121801	3.20	cps
Boron	11-1	558158	590789	591394	580114	3.28	cps
Bromine	81-1	21198	21138	21759	21365	1.60	cps
Cadmium	111-1	1166563	1196356	1134877	1165932	2.64	cps
Cadmium	106-1	136911	138005	134992	136636	1.12	cps
Cadmium	108-1	92101	91024	88951	90692	1.77	cps
Calcium	43-1	8876401	8757196	8660463	8764687	1.23	cps
Calcium	44-1	146336603	144231541	143370979	144646374	1.05	cps
Carbon	12-1	6661917	6778107	6888075	6776033	1.67	cps
Carbon	12-2	85230	87821	87284	86778	1.58	cps
Chlorine	35-1	772253	749146	745355	755585	1.93	cps
Chlorine	35-2	5685	5676	5560	5640	1.24	cps
Chromium	52-2	1734850	1773116	1777228	1761731	1.33	cps
Cobalt	59-2	2926592	2998133	2969060	2964595	1.21	cps
Copper	63-2	23002963	23040390	22991843	23011732	0.11	cps
Dysprosium	156-1	1075	858	892	942	12.39	cps
Dysprosium	156-2	400	420	447	422	5.55	cps
Erbium	164-1	225	225	250	233	6.19	cps
Erbium	164-2	93	67	103	88	21.59	cps
Gadolinium	160-1	942	975	925	947	2.69	cps
Gadolinium	160-2	470	467	527	488	6.91	cps
Holmium	165-1	11241738	11366453	11229764	11279318	0.67	cps
Holmium	165-2	5963540	5552917	5754128	5756862	3.57	cps
Indium	115-1	9957720	9741633	9314984	9671446	3.38	cps
Indium	115-2	1815852	1757766	1789031	1787550	1.63	cps
Iron	54-2	18067814	18619180	18361842	18349612	1.50	cps
Iron	56-2	331482963	336714696	332466719	333554793	0.83	cps
Iron	57-2	8378158	8337017	8399078	8371418	0.38	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : CCV92 Instrumnet Name : P8
 Client Sample ID : CCV92 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 17:55:28 DataFile Name : 081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	957	933	940	1.55	cps
Lead	206-1	16126190	16428514	15541055	16031919	2.81	cps
Lead	207-1	13685691	13867240	13393091	13648674	1.75	cps
Lead	208-1	63417872	63902517	61885323	63068570	1.67	cps
Lithium	6-1	3674830	3534354	3401160	3536781	3.87	cps
Magnesium	24-2	61385064	63759654	61828433	62324383	2.03	cps
Manganese	55-2	8975578	9233231	9012803	9073871	1.53	cps
Molybdenum	94-1	11323177	11460958	11110889	11298341	1.56	cps
Molybdenum	95-1	14011151	13743601	13434375	13729709	2.10	cps
Molybdenum	96-1	15511478	15140720	14787328	15146509	2.39	cps
Molybdenum	97-1	8375359	8359449	8080277	8271695	2.01	cps
Molybdenum	98-1	21815827	21919155	21357873	21697618	1.38	cps
Neodymium	150-1	367	360	320	349	7.23	cps
Neodymium	150-2	80	37	57	58	37.53	cps
Nickel	60-2	787505	814023	787853	796460	1.91	cps
Phosphorus	31-2	47854	47771	48122	47916	0.38	cps
Potassium	39-2	25172964	25000947	25269404	25147772	0.54	cps
Rhodium	103-1	9568383	9327547	9169826	9355252	2.15	cps
Rhodium	103-2	4763038	4646820	4713260	4707706	1.24	cps
Scandium	45-1	7719246	7611080	7541383	7623903	1.18	cps
Scandium	45-2	288593	274890	283351	282278	2.45	cps
Selenium	82-1	94576	94269	93444	94096	0.62	cps
Selenium	77-2	3347	3490	3247	3362	3.64	cps
Selenium	78-2	11490	11604	11507	11534	0.53	cps
Silicon	28-1	4210700	4320506	4372293	4301166	1.92	cps
Silver	107-1	6507279	6640613	6382911	6510268	1.98	cps
Silver	109-1	6237933	6339398	6097877	6225069	1.95	cps
Sodium	23-2	117240398	122740099	120597703	120192733	2.31	cps
Strontium	86-1	17845412	17982149	17322361	17716641	1.97	cps
Strontium	88-1	153471058	152919062	149586778	151992299	1.38	cps
Sulfur	34-1	904627	891523	971585	922578	4.65	cps
Terbium	159-1	11849639	11734607	11429257	11671168	1.86	cps
Terbium	159-2	5864541	5677000	5700304	5747282	1.78	cps
Thallium	203-1	4012039	4015196	3882835	3970023	1.90	cps
Thallium	205-1	9317255	9276466	8851631	9148451	2.82	cps
Tin	118-1	4110354	3982449	3970581	4021128	1.93	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 17:55:28	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4331617	4301068	4207771	4280152	1.51	cps
Uranium	238-1	12114969	12061073	11864611	12013551	1.10	cps
Vanadium	51-2	1381604	1422162	1415591	1406452	1.55	cps
Ytterbium	172-1	108	92	92	97	9.90	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	18305	17871	17395	17857	2.55	cps
Ytterbium	176-2	12100	11956	12417	12158	1.94	cps
Yttrium	89-1	25731059	25368438	24498570	25199356	2.51	cps
Yttrium	89-2	3263203	3175710	3188045	3208986	1.48	cps
Zinc	66-2	2552298	2616808	2632073	2600393	1.63	cps
Zirconium	90-1	9525427	9685734	9348427	9519863	1.77	cps
Zirconium	91-1	2186711	2216006	2143954	2182224	1.66	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:09:18	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	220	252	238	6.98	cps
Antimony	121-1	500	508	642	550	14.45	cps
Arsenic	75-2	10	13	13	12	14.43	cps
Barium	135-1	83	58	67	69	18.34	cps
Barium	137-1	158	125	75	119	35.12	cps
Beryllium	9-1	66	76	72	71	7.06	cps
Bismuth	209-1	6692387	6602599	6554520	6616502	1.06	cps
Bismuth	209-2	3934491	3888387	4068332	3963737	2.36	cps
Boron	10-1	3430	3402	3330	3387	1.52	cps
Boron	11-1	16346	16480	15942	16256	1.72	cps
Bromine	81-1	21719	22050	21499	21756	1.28	cps
Cadmium	111-1	602	607	544	585	5.98	cps
Cadmium	106-1	5776	5976	5435	5729	4.78	cps
Cadmium	108-1	54	46	58	53	12.06	cps
Calcium	43-1	440	461	437	446	2.92	cps
Calcium	44-1	50499	50733	50735	50656	0.27	cps
Carbon	12-1	5044237	4996904	5000515	5013885	0.53	cps
Carbon	12-2	59237	58007	59538	58927	1.38	cps
Chlorine	35-1	732634	719150	714691	722158	1.29	cps
Chlorine	35-2	5643	5493	5651	5596	1.59	cps
Chromium	52-2	1170	947	1153	1090	11.41	cps
Cobalt	59-2	193	147	140	160	18.16	cps
Copper	63-2	1700	1473	1427	1533	9.54	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	50	117	58	75	48.44	cps
Erbium	164-2	37	13	40	30	48.44	cps
Gadolinium	160-1	133	83	92	103	26.06	cps
Gadolinium	160-2	73	53	57	61	17.53	cps
Holmium	165-1	11355637	11818323	11400422	11524794	2.21	cps
Holmium	165-2	5848776	5716187	5824320	5796428	1.22	cps
Indium	115-1	10440546	10894660	10444455	10593220	2.46	cps
Indium	115-2	1941751	1940394	1905388	1929178	1.07	cps
Iron	54-2	1072	1145	1039	1085	4.97	cps
Iron	56-2	12818	9170	10511	10833	17.03	cps
Iron	57-2	356	311	294	320	9.86	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:09:18	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	1120	980	1012	9.47	cps
Lead	206-1	1639	1772	1667	1693	4.16	cps
Lead	207-1	1500	1622	1595	1572	4.08	cps
Lead	208-1	7101	7084	6801	6995	2.41	cps
Lithium	6-1	3671220	3720320	3557975	3649838	2.28	cps
Magnesium	24-2	1125	950	933	1003	10.59	cps
Manganese	55-2	363	214	294	290	25.71	cps
Molybdenum	94-1	575	458	567	533	12.20	cps
Molybdenum	95-1	267	217	200	228	15.23	cps
Molybdenum	96-1	383	375	317	358	10.14	cps
Molybdenum	97-1	100	100	200	133	43.30	cps
Molybdenum	98-1	458	350	317	375	19.75	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	130	127	127	2.63	cps
Phosphorus	31-2	117	108	117	114	4.22	cps
Potassium	39-2	24288	24855	24388	24510	1.24	cps
Rhodium	103-1	10044423	10892662	10294878	10410654	4.19	cps
Rhodium	103-2	5217779	5137983	5238344	5198035	1.02	cps
Scandium	45-1	7917261	8227919	8000319	8048500	2.00	cps
Scandium	45-2	293042	293299	298256	294866	1.00	cps
Selenium	82-1	5	-151	-1	-49	-179.14	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	107	97	94	99	6.85	cps
Silicon	28-1	512137	514606	513509	513417	0.24	cps
Silver	107-1	575	417	733	575	27.54	cps
Silver	109-1	342	483	375	400	18.52	cps
Sodium	23-2	32228	30432	30775	31145	3.06	cps
Strontium	86-1	1650	1692	1592	1645	3.05	cps
Strontium	88-1	1200	908	925	1011	16.20	cps
Sulfur	34-1	422214	428656	428386	426419	0.85	cps
Terbium	159-1	12023312	12136186	12259234	12139577	0.97	cps
Terbium	159-2	5813189	5707603	5829558	5783450	1.14	cps
Thallium	203-1	725	850	750	775	8.53	cps
Thallium	205-1	2034	1650	1992	1892	11.12	cps
Tin	118-1	1617	1600	1633	1617	1.03	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:09:18	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	217	242	264	23.28	cps
Uranium	238-1	58	125	50	78	52.85	cps
Vanadium	51-2	43	17	40	33	43.58	cps
Ytterbium	172-1	0	0	33	11	173.21	cps
Ytterbium	172-2	11	11	22	15	43.30	cps
Ytterbium	176-1	1158	1217	1208	1195	2.64	cps
Ytterbium	176-2	3395	4056	4267	3906	11.65	cps
Yttrium	89-1	26088158	26450075	26444055	26327429	0.79	cps
Yttrium	89-2	3336747	3273641	3359519	3323302	1.34	cps
Zinc	66-2	600	520	587	569	7.53	cps
Zirconium	90-1	1042	1025	1100	1056	3.73	cps
Zirconium	91-1	333	333	217	294	22.88	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-04	Instrumnet Name :	P8
Client Sample ID :	S-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:15:42	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2081714	2149403	2114987	2115368	1.60	cps
Antimony	121-1	1550	1275	1442	1422	9.74	cps
Arsenic	75-2	5088	5172	4886	5049	2.91	cps
Barium	135-1	306131	311324	318435	311964	1.98	cps
Barium	137-1	537582	541890	535532	538334	0.60	cps
Beryllium	9-1	3696	3610	3680	3662	1.25	cps
Bismuth	209-1	7550122	7689651	7388547	7542773	2.00	cps
Bismuth	209-2	4478072	3780112	4103398	4120528	8.48	cps
Boron	10-1	4142	4058	3834	4011	3.97	cps
Boron	11-1	20012	20761	21129	20634	2.76	cps
Bromine	81-1	23935	25509	26814	25419	5.67	cps
Cadmium	111-1	1960	1927	1862	1916	2.62	cps
Cadmium	106-1	8303	8178	7986	8155	1.96	cps
Cadmium	108-1	600	571	446	539	15.20	cps
Calcium	43-1	75146	74868	73636	74550	1.08	cps
Calcium	44-1	1362453	1309644	1302995	1325031	2.46	cps
Carbon	12-1	6724112	6968824	7068558	6920498	2.56	cps
Carbon	12-2	84953	83572	84023	84183	0.84	cps
Chlorine	35-1	611122	581602	567656	586793	3.78	cps
Chlorine	35-2	4776	4426	4601	4601	3.80	cps
Chromium	52-2	286208	293210	290069	289829	1.21	cps
Cobalt	59-2	51874	51938	50683	51498	1.37	cps
Copper	63-2	54899	55421	54367	54896	0.96	cps
Dysprosium	156-1	119442	117541	118105	118363	0.82	cps
Dysprosium	156-2	55947	57670	56161	56593	1.66	cps
Erbium	164-1	111013	111625	107585	110074	1.98	cps
Erbium	164-2	51539	51095	50509	51048	1.01	cps
Gadolinium	160-1	120930	120393	116112	119145	2.22	cps
Gadolinium	160-2	63229	65122	64921	64424	1.61	cps
Holmium	165-1	13424792	13587636	12910031	13307486	2.66	cps
Holmium	165-2	6612245	5638994	6185513	6145584	7.94	cps
Indium	115-1	12645104	12398133	11969816	12337685	2.77	cps
Indium	115-2	2220301	1819594	2116051	2051982	10.13	cps
Iron	54-2	6684349	6872118	6772247	6776238	1.39	cps
Iron	56-2	121922992	124598864	121438136	122653331	1.39	cps
Iron	57-2	3145286	3146895	3102925	3131702	0.80	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-04	Instrumnet Name :	P8
Client Sample ID :	S-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:15:42	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1287	1227	1228	4.75	cps
Lead	206-1	113120	114631	111376	113042	1.44	cps
Lead	207-1	92692	91461	91079	91744	0.92	cps
Lead	208-1	440733	437223	434923	437626	0.67	cps
Lithium	6-1	4198109	4346880	3966674	4170554	4.59	cps
Magnesium	24-2	773372	801651	776398	783807	1.98	cps
Manganese	55-2	346979	356063	342602	348548	1.97	cps
Molybdenum	94-1	187261	186788	183594	185881	1.07	cps
Molybdenum	95-1	21434	21283	21175	21297	0.61	cps
Molybdenum	96-1	53379	51697	53270	52782	1.78	cps
Molybdenum	97-1	12765	13215	12373	12784	3.30	cps
Molybdenum	98-1	32255	33291	32480	32675	1.67	cps
Neodymium	150-1	182264	180700	180816	181260	0.48	cps
Neodymium	150-2	64866	67382	64640	65629	2.32	cps
Nickel	60-2	33750	34352	34629	34243	1.31	cps
Phosphorus	31-2	5284	5985	6035	5768	7.27	cps
Potassium	39-2	465084	469210	499874	478056	3.98	cps
Rhodium	103-1	12016413	12013811	11852273	11960832	0.79	cps
Rhodium	103-2	5984612	5034752	5657537	5558967	8.68	cps
Scandium	45-1	9815596	9789239	9083531	9562789	4.34	cps
Scandium	45-2	345261	296169	322926	321452	7.65	cps
Selenium	82-1	395	225	343	321	27.03	cps
Selenium	77-2	323	383	343	350	8.73	cps
Selenium	78-2	352	376	377	368	3.84	cps
Silicon	28-1	7218714	13282498	7683673	9394962	35.92	cps
Silver	107-1	1809	1925	1892	1875	3.21	cps
Silver	109-1	1425	1300	1300	1342	5.38	cps
Sodium	23-2	154031	151550	150104	151895	1.31	cps
Strontium	86-1	103509	101100	99000	101203	2.23	cps
Strontium	88-1	881092	910243	857624	882986	2.99	cps
Sulfur	34-1	416525	412704	414661	414630	0.46	cps
Terbium	159-1	14288366	14642710	13778734	14236603	3.05	cps
Terbium	159-2	6676401	5600776	6287962	6188380	8.80	cps
Thallium	203-1	7127	7169	6402	6899	6.25	cps
Thallium	205-1	17153	15802	15735	16230	4.93	cps
Tin	118-1	21560	25193	25834	24196	9.52	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-04	Instrumnet Name :	P8
Client Sample ID :	S-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:15:42	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	573033	582072	582202	579102	0.91	cps
Uranium	238-1	86177	87401	87015	86864	0.72	cps
Vanadium	51-2	227671	230261	226874	228269	0.78	cps
Ytterbium	172-1	28966	29876	29851	29564	1.75	cps
Ytterbium	172-2	16583	16772	16104	16486	2.09	cps
Ytterbium	176-1	20149	19849	19807	19935	0.94	cps
Ytterbium	176-2	14697	13896	14764	14453	3.34	cps
Yttrium	89-1	33574922	33532210	32949444	33352192	1.05	cps
Yttrium	89-2	4120957	3522104	3814980	3819347	7.84	cps
Zinc	66-2	79200	79083	78312	78865	0.61	cps
Zirconium	90-1	476128	482373	471319	476607	1.16	cps
Zirconium	91-1	107396	106843	109182	107807	1.13	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-05	Instrumnet Name :	P8
Client Sample ID :	S-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:18:36	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2482290	2446543	2476816	2468550	0.78	cps
Antimony	121-1	2000	1867	1950	1939	3.47	cps
Arsenic	75-2	5320	5230	5204	5251	1.15	cps
Barium	135-1	577996	557000	563309	566102	1.90	cps
Barium	137-1	995786	976924	974245	982318	1.20	cps
Beryllium	9-1	8047	8117	8053	8072	0.48	cps
Bismuth	209-1	7519046	7318245	6994703	7277331	3.64	cps
Bismuth	209-2	4316242	3958086	4405751	4226693	5.60	cps
Boron	10-1	3898	4234	3852	3994	5.22	cps
Boron	11-1	18630	19161	24539	20777	15.74	cps
Bromine	81-1	26312	25489	25379	25727	1.98	cps
Cadmium	111-1	2386	2392	2395	2391	0.18	cps
Cadmium	106-1	8478	8128	8269	8292	2.12	cps
Cadmium	108-1	517	529	433	493	10.57	cps
Calcium	43-1	124935	123106	120973	123005	1.61	cps
Calcium	44-1	2183740	2190890	2129291	2167974	1.55	cps
Carbon	12-1	7029302	7445997	7213348	7229549	2.89	cps
Carbon	12-2	88986	86061	88568	87872	1.80	cps
Chlorine	35-1	631732	600616	595178	609175	3.24	cps
Chlorine	35-2	4843	4276	4334	4484	6.95	cps
Chromium	52-2	297955	302606	298033	299531	0.89	cps
Cobalt	59-2	52627	53199	51342	52389	1.82	cps
Copper	63-2	356807	361635	350569	356337	1.56	cps
Dysprosium	156-1	137109	132639	135097	134948	1.66	cps
Dysprosium	156-2	63858	64200	63999	64019	0.27	cps
Erbium	164-1	129226	126913	124313	126818	1.94	cps
Erbium	164-2	61927	60882	59932	60914	1.64	cps
Gadolinium	160-1	139123	134062	132674	135286	2.51	cps
Gadolinium	160-2	72755	72088	73248	72697	0.80	cps
Holmium	165-1	12880729	13093622	12706561	12893637	1.50	cps
Holmium	165-2	6520053	5853247	6519351	6297550	6.11	cps
Indium	115-1	12086552	12146273	11472090	11901638	3.14	cps
Indium	115-2	2088893	1934991	2113931	2045938	4.74	cps
Iron	54-2	6733268	6741224	6734981	6736491	0.06	cps
Iron	56-2	121869722	122209092	120983680	121687498	0.52	cps
Iron	57-2	3095643	3140361	3019960	3085321	1.97	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-05	Instrumnet Name :	P8
Client Sample ID :	S-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:18:36	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1067	1273	1182	8.92	cps
Lead	206-1	139140	136927	132882	136317	2.33	cps
Lead	207-1	113819	115282	111786	113629	1.55	cps
Lead	208-1	547971	537099	528946	538005	1.77	cps
Lithium	6-1	4009368	4154017	3807919	3990435	4.36	cps
Magnesium	24-2	764204	773601	751266	763024	1.47	cps
Manganese	55-2	362297	362662	361201	362054	0.21	cps
Molybdenum	94-1	187375	181045	181268	183229	1.96	cps
Molybdenum	95-1	28488	29106	27645	28413	2.58	cps
Molybdenum	96-1	59704	62349	59621	60558	2.56	cps
Molybdenum	97-1	18096	17428	16744	17423	3.88	cps
Molybdenum	98-1	46738	44313	43569	44873	3.69	cps
Neodymium	150-1	205831	196183	197432	199815	2.63	cps
Neodymium	150-2	73109	74262	72469	73280	1.24	cps
Nickel	60-2	40544	40972	40588	40702	0.58	cps
Phosphorus	31-2	6777	6768	6293	6613	4.19	cps
Potassium	39-2	456639	443012	440198	446616	1.97	cps
Rhodium	103-1	11903364	12204104	11117374	11741614	4.78	cps
Rhodium	103-2	5910977	5128409	5695185	5578191	7.25	cps
Scandium	45-1	9215402	9221717	9146140	9194420	0.46	cps
Scandium	45-2	333633	302960	329012	321869	5.14	cps
Selenium	82-1	421	595	397	471	22.90	cps
Selenium	77-2	387	407	370	388	4.73	cps
Selenium	78-2	379	417	378	391	5.68	cps
Silicon	28-1	11763017	12855426	10308545	11642329	10.97	cps
Silver	107-1	1600	1700	1934	1745	9.81	cps
Silver	109-1	1300	1292	1433	1342	5.93	cps
Sodium	23-2	194006	193155	202471	196544	2.62	cps
Strontium	86-1	113644	109269	111410	111441	1.96	cps
Strontium	88-1	961924	956099	932111	950045	1.66	cps
Sulfur	34-1	386854	382077	369587	379506	2.35	cps
Terbium	159-1	13866931	13801418	13455306	13707885	1.61	cps
Terbium	159-2	6353419	5916786	6406486	6225564	4.32	cps
Thallium	203-1	8970	8903	8928	8934	0.38	cps
Thallium	205-1	20542	20133	19907	20194	1.59	cps
Tin	118-1	42646	39593	41043	41094	3.72	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4061-05	Instrumnet Name :	P8
Client Sample ID :	S-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:18:36	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	604461	603471	702884	636939	8.97	cps
Uranium	238-1	102909	100531	97928	100456	2.48	cps
Vanadium	51-2	219132	218051	215562	217582	0.84	cps
Ytterbium	172-1	36200	36409	35590	36067	1.18	cps
Ytterbium	172-2	19314	19520	19643	19492	0.85	cps
Ytterbium	176-1	25283	24523	22612	24139	5.70	cps
Ytterbium	176-2	16583	17234	17256	17024	2.25	cps
Yttrium	89-1	32087637	32475341	30218431	31593803	3.82	cps
Yttrium	89-2	4005481	3652495	3901924	3853300	4.71	cps
Zinc	66-2	119012	118316	118202	118510	0.37	cps
Zirconium	90-1	547345	476338	455312	492998	9.78	cps
Zirconium	91-1	116872	104998	104209	108693	6.53	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-01	Instrumnet Name :	P8
Client Sample ID :	B-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:21:33	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8532236	8428263	8237100	8399200	1.78	cps
Antimony	121-1	2325	2209	2675	2403	10.11	cps
Arsenic	75-2	5563	5598	5398	5519	1.94	cps
Barium	135-1	1293920	1310288	1340950	1315053	1.82	cps
Barium	137-1	2354157	2386885	2413898	2384980	1.25	cps
Beryllium	9-1	8203	8401	8421	8341	1.45	cps
Bismuth	209-1	7463676	7517268	6378169	7119704	9.03	cps
Bismuth	209-2	4341867	4299408	4314389	4318555	0.50	cps
Boron	10-1	7354	7586	7665	7535	2.14	cps
Boron	11-1	35755	37111	38725	37197	4.00	cps
Bromine	81-1	25460	25610	24707	25259	1.91	cps
Cadmium	111-1	3049	2984	3061	3031	1.36	cps
Cadmium	106-1	9253	9895	8436	9195	7.95	cps
Cadmium	108-1	954	1038	1042	1011	4.88	cps
Calcium	43-1	569666	568186	563651	567168	0.55	cps
Calcium	44-1	9734024	9835292	9590236	9719851	1.27	cps
Carbon	12-1	8706200	8830052	8936205	8824152	1.30	cps
Carbon	12-2	104992	104345	105151	104829	0.41	cps
Chlorine	35-1	620107	601376	579325	600270	3.40	cps
Chlorine	35-2	4342	4859	4768	4656	5.92	cps
Chromium	52-2	390853	388230	385178	388087	0.73	cps
Cobalt	59-2	275181	272688	271471	273114	0.69	cps
Copper	63-2	569227	556733	553067	559676	1.51	cps
Dysprosium	156-1	164600	166178	169312	166697	1.44	cps
Dysprosium	156-2	78101	75697	76678	76825	1.57	cps
Erbium	164-1	122110	121671	123479	122420	0.77	cps
Erbium	164-2	58920	56520	56586	57342	2.38	cps
Gadolinium	160-1	153774	156859	156556	155730	1.09	cps
Gadolinium	160-2	87278	84097	84634	85336	2.00	cps
Holmium	165-1	13753520	13544588	11679083	12992397	8.79	cps
Holmium	165-2	6623827	6529566	6388092	6513828	1.82	cps
Indium	115-1	12313067	12225379	10112770	11550405	10.79	cps
Indium	115-2	2135795	2065209	2115104	2105369	1.72	cps
Iron	54-2	16650356	16357112	16355847	16454438	1.03	cps
Iron	56-2	299759562	300192029	295644173	298531921	0.84	cps
Iron	57-2	7736880	7476036	7382602	7531839	2.44	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-01	Instrumnet Name :	P8
Client Sample ID :	B-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:21:33	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1287	1140	1407	1278	10.45	cps
Lead	206-1	1411182	1428517	1396295	1411998	1.14	cps
Lead	207-1	1135006	1160079	1147381	1147489	1.09	cps
Lead	208-1	5596839	5667920	5692324	5652361	0.88	cps
Lithium	6-1	4284874	4287399	3638876	4070383	9.18	cps
Magnesium	24-2	4879655	4762915	4779797	4807456	1.31	cps
Manganese	55-2	3220208	3201552	3183661	3201807	0.57	cps
Molybdenum	94-1	389417	401888	392300	394535	1.65	cps
Molybdenum	95-1	8453	8228	8186	8289	1.73	cps
Molybdenum	96-1	77960	79537	81335	79611	2.12	cps
Molybdenum	97-1	5385	5018	4951	5118	4.56	cps
Molybdenum	98-1	12589	13040	13290	12973	2.74	cps
Neodymium	150-1	293384	292578	288073	291345	0.98	cps
Neodymium	150-2	105318	102278	102479	103358	1.64	cps
Nickel	60-2	165459	166401	165208	165689	0.38	cps
Phosphorus	31-2	8453	8594	8636	8561	1.12	cps
Potassium	39-2	1399727	1306013	1291482	1332407	4.41	cps
Rhodium	103-1	12222846	11890253	10257599	11456899	9.18	cps
Rhodium	103-2	5605343	5673009	5662437	5646930	0.64	cps
Scandium	45-1	10055548	10233424	8158840	9482604	12.13	cps
Scandium	45-2	344649	339941	339672	341421	0.82	cps
Selenium	82-1	477	601	384	487	22.32	cps
Selenium	77-2	653	580	520	584	11.43	cps
Selenium	78-2	454	433	420	436	3.94	cps
Silicon	28-1	49344520	32542620	48177756	43354965	21.64	cps
Silver	107-1	4059	3859	4167	4028	3.88	cps
Silver	109-1	3351	3476	3442	3423	1.89	cps
Sodium	23-2	1418882	1367285	1340913	1375693	2.88	cps
Strontium	86-1	505421	499298	498701	501140	0.74	cps
Strontium	88-1	4427994	4276021	4218072	4307363	2.52	cps
Sulfur	34-1	393088	385279	380413	386260	1.66	cps
Terbium	159-1	13804265	14311466	12133829	13416520	8.49	cps
Terbium	159-2	6502511	6465904	6479371	6482595	0.29	cps
Thallium	203-1	11856	11063	11739	11553	3.70	cps
Thallium	205-1	27104	26027	27372	26834	2.65	cps
Tin	118-1	29690	39257	34902	34616	13.84	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-01	Instrumnet Name :	P8
Client Sample ID :	B-1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:21:33	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	827795	765150	667535	753493	10.72	cps
Uranium	238-1	120448	121430	123013	121630	1.06	cps
Vanadium	51-2	394907	387904	389745	390852	0.93	cps
Ytterbium	172-1	30812	30586	31572	30990	1.67	cps
Ytterbium	172-2	16433	16873	16744	16683	1.36	cps
Ytterbium	176-1	22921	23855	22320	23032	3.36	cps
Ytterbium	176-2	15526	16043	16666	16079	3.55	cps
Yttrium	89-1	33868285	32579206	27732744	31393412	10.30	cps
Yttrium	89-2	3871711	4039290	3872444	3927815	2.46	cps
Zinc	66-2	219311	221554	216306	219057	1.20	cps
Zirconium	90-1	1096806	1071960	1065706	1078157	1.53	cps
Zirconium	91-1	240056	240312	254384	244917	3.35	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-02	Instrumnet Name :	P8
Client Sample ID :	B-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:24:27	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14534802	14326075	14449818	14436898	0.73	cps
Antimony	121-1	5293	5468	5360	5373	1.64	cps
Arsenic	75-2	19735	19893	19513	19714	0.97	cps
Barium	135-1	88847437	91059092	87567700	89158076	1.98	cps
Barium	137-1	155690620	155552662	152682391	154641891	1.10	cps
Beryllium	9-1	15980	16606	16424	16337	1.97	cps
Bismuth	209-1	7222789	7257539	7309919	7263416	0.60	cps
Bismuth	209-2	4288508	3870331	4138603	4099147	5.17	cps
Boron	10-1	34143	35674	37537	35785	4.75	cps
Boron	11-1	164490	178939	183681	175703	5.69	cps
Bromine	81-1	29742	30314	29331	29796	1.66	cps
Cadmium	111-1	127576	129728	125564	127623	1.63	cps
Cadmium	106-1	23996	24564	23387	23983	2.45	cps
Cadmium	108-1	10771	10608	10946	10775	1.57	cps
Calcium	43-1	2262589	2254125	2279027	2265247	0.56	cps
Calcium	44-1	37246920	37079160	36423206	36916429	1.18	cps
Carbon	12-1	13741172	13979002	14381120	14033764	2.30	cps
Carbon	12-2	174114	168374	171206	171232	1.68	cps
Chlorine	35-1	603533	589931	575300	589588	2.39	cps
Chlorine	35-2	4292	4859	4442	4531	6.48	cps
Chromium	52-2	961230	964960	951417	959202	0.73	cps
Cobalt	59-2	645236	646036	634616	641963	0.99	cps
Copper	63-2	2591688	2661851	2611010	2621516	1.38	cps
Dysprosium	156-1	200321	201159	193630	198370	2.08	cps
Dysprosium	156-2	93951	94743	93119	93938	0.86	cps
Erbium	164-1	191773	199483	191477	194244	2.34	cps
Erbium	164-2	88020	90177	88117	88771	1.37	cps
Gadolinium	160-1	195682	194635	191525	193947	1.11	cps
Gadolinium	160-2	106230	106741	102246	105072	2.34	cps
Holmium	165-1	13264209	13101599	13126777	13164195	0.66	cps
Holmium	165-2	6785693	5848592	6409611	6347965	7.43	cps
Indium	115-1	12051643	11796273	11677583	11841833	1.61	cps
Indium	115-2	2111310	1915330	2008224	2011621	4.87	cps
Iron	54-2	30443416	30676310	30359279	30493002	0.54	cps
Iron	56-2	560084879	554985446	554891957	556654094	0.53	cps
Iron	57-2	13706984	14148016	13739055	13864685	1.77	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-02	Instrumnet Name :	P8
Client Sample ID :	B-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:24:27	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1350	1357	1357	1355	0.28	cps
Lead	206-1	8746842	8487758	8461707	8565436	1.84	cps
Lead	207-1	7019472	7102741	7078260	7066824	0.61	cps
Lead	208-1	32792136	33146959	33213176	33050757	0.69	cps
Lithium	6-1	4266866	3956961	3993770	4072532	4.16	cps
Magnesium	24-2	7217214	6979354	7011749	7069439	1.82	cps
Manganese	55-2	4581517	4651173	4581982	4604890	0.87	cps
Molybdenum	94-1	692912	686465	690980	690119	0.48	cps
Molybdenum	95-1	27954	28154	27670	27926	0.87	cps
Molybdenum	96-1	148767	150039	147233	148680	0.94	cps
Molybdenum	97-1	16777	16953	16760	16830	0.63	cps
Molybdenum	98-1	42683	43720	41622	42675	2.46	cps
Neodymium	150-1	309180	311423	322172	314258	2.21	cps
Neodymium	150-2	114761	114017	113571	114116	0.53	cps
Nickel	60-2	461377	460384	457960	459907	0.38	cps
Phosphorus	31-2	20866	20390	20532	20596	1.19	cps
Potassium	39-2	1736281	1736570	1734142	1735664	0.08	cps
Rhodium	103-1	11551104	11505080	11042733	11366306	2.47	cps
Rhodium	103-2	5561359	5083742	5350345	5331815	4.49	cps
Scandium	45-1	10082999	10090859	9855062	10009640	1.34	cps
Scandium	45-2	359935	325657	341609	342400	5.01	cps
Selenium	82-1	1766	1813	1723	1767	2.55	cps
Selenium	77-2	773	663	717	718	7.66	cps
Selenium	78-2	581	641	653	625	6.17	cps
Silicon	28-1	20335724	21380969	20069957	20595550	3.37	cps
Silver	107-1	18062	18354	17720	18046	1.76	cps
Silver	109-1	16861	16327	17854	17014	4.55	cps
Sodium	23-2	3152500	3069181	3081033	3100905	1.45	cps
Strontium	86-1	2439149	2448488	2389737	2425792	1.30	cps
Strontium	88-1	20837134	20448172	20109976	20465094	1.78	cps
Sulfur	34-1	939860	961759	961589	954403	1.32	cps
Terbium	159-1	13642886	13434417	13544862	13540722	0.77	cps
Terbium	159-2	6542676	5892936	6230333	6221981	5.22	cps
Thallium	203-1	8586	8920	8561	8689	2.30	cps
Thallium	205-1	21518	20241	20383	20714	3.38	cps
Tin	118-1	140973	138356	142445	140591	1.47	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-02	Instrumnet Name :	P8
Client Sample ID :	B-2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:24:27	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5398539	5121700	5024031	5181423	3.75	cps
Uranium	238-1	155693	154762	156316	155590	0.50	cps
Vanadium	51-2	2079816	2069030	2049904	2066250	0.73	cps
Ytterbium	172-1	62181	63863	63864	63303	1.53	cps
Ytterbium	172-2	35515	35916	34139	35190	2.65	cps
Ytterbium	176-1	45295	44861	44334	44830	1.07	cps
Ytterbium	176-2	29227	28509	28615	28784	1.35	cps
Yttrium	89-1	34060072	32829837	31667415	32852441	3.64	cps
Yttrium	89-2	4054871	3755436	3907235	3905847	3.83	cps
Zinc	66-2	2580155	2626692	2575722	2594189	1.09	cps
Zirconium	90-1	1971754	1881050	1850674	1901160	3.31	cps
Zirconium	91-1	421601	409662	412260	414508	1.51	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-03	Instrumnet Name :	P8
Client Sample ID :	B-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:27:22	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10966446	10900910	10982289	10949882	0.39	cps
Antimony	121-1	900	942	1117	986	11.66	cps
Arsenic	75-2	4244	4115	4022	4127	2.70	cps
Barium	135-1	1419606	1457910	1488419	1455312	2.37	cps
Barium	137-1	2638287	2549665	2542982	2576978	2.06	cps
Beryllium	9-1	17965	17523	17457	17648	1.57	cps
Bismuth	209-1	6977817	7111678	6951353	7013616	1.23	cps
Bismuth	209-2	4101388	4238993	4147650	4162677	1.68	cps
Boron	10-1	15625	15439	15597	15554	0.65	cps
Boron	11-1	74517	76606	75532	75552	1.38	cps
Bromine	81-1	24176	23815	23133	23708	2.23	cps
Cadmium	111-1	5354	5505	5457	5439	1.42	cps
Cadmium	106-1	9704	10121	9846	9890	2.14	cps
Cadmium	108-1	1329	1321	1196	1282	5.83	cps
Calcium	43-1	568930	558232	549796	558986	1.72	cps
Calcium	44-1	9573680	9240288	9420008	9411325	1.77	cps
Carbon	12-1	7143507	7119023	7169480	7144003	0.35	cps
Carbon	12-2	87862	89020	86580	87821	1.39	cps
Chlorine	35-1	583341	565693	560470	569835	2.10	cps
Chlorine	35-2	4259	4159	4551	4323	4.71	cps
Chromium	52-2	520742	519265	509873	516626	1.14	cps
Cobalt	59-2	638308	637668	640632	638869	0.24	cps
Copper	63-2	842591	842311	833985	839629	0.58	cps
Dysprosium	156-1	296354	300586	298773	298571	0.71	cps
Dysprosium	156-2	144273	145974	144390	144879	0.66	cps
Erbium	164-1	235767	231951	229174	232297	1.43	cps
Erbium	164-2	110497	113584	112881	112321	1.44	cps
Gadolinium	160-1	302070	290105	282484	291553	3.39	cps
Gadolinium	160-2	163619	160415	160521	161519	1.13	cps
Holmium	165-1	13015573	13050121	12681130	12915608	1.58	cps
Holmium	165-2	6593145	6437780	6427732	6486219	1.43	cps
Indium	115-1	11679519	11482176	11330566	11497420	1.52	cps
Indium	115-2	2028603	2049281	2066681	2048188	0.93	cps
Iron	54-2	22024000	21676539	21538794	21746444	1.15	cps
Iron	56-2	388284564	395596864	395929042	393270157	1.10	cps
Iron	57-2	9897062	9955710	9898151	9916975	0.34	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-03	Instrumnet Name :	P8
Client Sample ID :	B-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:27:22	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1413	1410	1370	1398	1.72	cps
Lead	206-1	424834	422084	416406	421108	1.02	cps
Lead	207-1	341415	335877	333875	337056	1.16	cps
Lead	208-1	1642639	1602298	1609156	1618031	1.33	cps
Lithium	6-1	4230276	4239864	4127944	4199361	1.48	cps
Magnesium	24-2	16003546	16072791	16057026	16044454	0.23	cps
Manganese	55-2	5033784	5067101	5041131	5047339	0.35	cps
Molybdenum	94-1	409568	404801	387619	400663	2.88	cps
Molybdenum	95-1	6028	5485	5343	5618	6.43	cps
Molybdenum	96-1	77911	77415	75715	77014	1.50	cps
Molybdenum	97-1	3375	3017	2942	3112	7.44	cps
Molybdenum	98-1	8319	8695	8269	8428	2.76	cps
Neodymium	150-1	499561	489545	498520	495875	1.11	cps
Neodymium	150-2	178586	178795	177179	178187	0.49	cps
Nickel	60-2	472235	468931	469401	470189	0.38	cps
Phosphorus	31-2	15066	14775	15592	15144	2.74	cps
Potassium	39-2	4276434	4381643	4314820	4324299	1.23	cps
Rhodium	103-1	10882187	11304107	11019575	11068623	1.94	cps
Rhodium	103-2	5313029	5534212	5511738	5452993	2.23	cps
Scandium	45-1	9700539	9560108	9554480	9605043	0.86	cps
Scandium	45-2	337603	346781	338725	341036	1.47	cps
Selenium	82-1	517	488	468	491	4.98	cps
Selenium	77-2	943	1050	1020	1004	5.48	cps
Selenium	78-2	692	674	698	688	1.82	cps
Silicon	28-1	27535505	35053539	25708026	29432357	16.83	cps
Silver	107-1	2334	1917	2034	2095	10.26	cps
Silver	109-1	1433	1492	1417	1447	2.72	cps
Sodium	23-2	3194534	3214243	3186035	3198271	0.45	cps
Strontium	86-1	383240	369790	371502	374844	1.95	cps
Strontium	88-1	3352435	3312466	3345105	3336669	0.64	cps
Sulfur	34-1	332450	336774	332486	333903	0.74	cps
Terbium	159-1	13403429	13635851	13214924	13418068	1.57	cps
Terbium	159-2	6382617	6544446	6395592	6440885	1.40	cps
Thallium	203-1	12840	12490	12315	12548	2.13	cps
Thallium	205-1	31723	30871	30938	31177	1.52	cps
Tin	118-1	28813	45384	31050	35082	25.63	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-03	Instrumnet Name :	P8
Client Sample ID :	B-3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:27:22	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2819493	2760870	2875339	2818567	2.03	cps
Uranium	238-1	132953	133619	130560	132377	1.22	cps
Vanadium	51-2	461690	465967	459732	462463	0.69	cps
Ytterbium	172-1	59401	61061	58715	59726	2.02	cps
Ytterbium	172-2	32256	32691	32134	32360	0.90	cps
Ytterbium	176-1	39911	39410	40137	39819	0.93	cps
Ytterbium	176-2	25447	27017	25363	25942	3.59	cps
Yttrium	89-1	33118203	32750848	32679412	32849488	0.72	cps
Yttrium	89-2	4071601	4117695	4083286	4090861	0.59	cps
Zinc	66-2	497832	491418	487799	492350	1.03	cps
Zirconium	90-1	1102271	1106251	1077360	1095294	1.43	cps
Zirconium	91-1	255353	245329	241208	247297	2.94	cps

LB Number : LB116812 Operator : Jaswal
 Lab Sample ID : M4120-04 Instrumnet Name : P8
 Client Sample ID : B-4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-12 18:30:15 DataFile Name : 088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14164971	13978395	14141112	14094826	0.72	cps
Antimony	121-1	1008	1033	1008	1017	1.42	cps
Arsenic	75-2	5287	5188	5179	5218	1.14	cps
Barium	135-1	1416849	1360913	1354171	1377311	2.50	cps
Barium	137-1	2534393	2491874	2423153	2483140	2.26	cps
Beryllium	9-1	17511	16976	16940	17143	1.86	cps
Bismuth	209-1	7106616	7310329	6909489	7108811	2.82	cps
Bismuth	209-2	4209071	4218079	4031412	4152854	2.53	cps
Boron	10-1	16894	17345	17611	17283	2.10	cps
Boron	11-1	81040	83378	85152	83190	2.48	cps
Bromine	81-1	25279	24316	25309	24968	2.26	cps
Cadmium	111-1	3697	3734	3997	3809	4.30	cps
Cadmium	106-1	10830	11197	10813	10946	1.98	cps
Cadmium	108-1	1421	1254	1371	1349	6.34	cps
Calcium	43-1	764645	752409	741511	752855	1.54	cps
Calcium	44-1	12503390	12870909	12536600	12636966	1.61	cps
Carbon	12-1	8035594	8227164	8500671	8254476	2.83	cps
Carbon	12-2	100787	99471	99671	99976	0.71	cps
Chlorine	35-1	585947	576349	563256	575184	1.98	cps
Chlorine	35-2	4601	4009	4334	4315	6.87	cps
Chromium	52-2	646184	634974	633898	638352	1.07	cps
Cobalt	59-2	708999	705727	697338	704021	0.85	cps
Copper	63-2	1411687	1384183	1391034	1395635	1.03	cps
Dysprosium	156-1	401389	402516	399777	401227	0.34	cps
Dysprosium	156-2	197043	197390	195562	196665	0.49	cps
Erbium	164-1	355984	346964	346255	349735	1.55	cps
Erbium	164-2	165080	163775	161830	163562	1.00	cps
Gadolinium	160-1	421428	423214	414615	419752	1.08	cps
Gadolinium	160-2	224379	222991	220971	222780	0.77	cps
Holmium	165-1	13154651	13556381	12692019	13134350	3.29	cps
Holmium	165-2	6468074	6519683	6415578	6467778	0.80	cps
Indium	115-1	11508295	12182118	11106376	11598930	4.69	cps
Indium	115-2	2058037	2000647	1981872	2013519	1.97	cps
Iron	54-2	27303985	26978710	27392523	27225073	0.80	cps
Iron	56-2	493249833	488824722	478343933	486806163	1.57	cps
Iron	57-2	12443496	12272769	12464920	12393728	0.85	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-04	Instrumnet Name :	P8
Client Sample ID :	B-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:30:15	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1607	1687	1700	1665	3.03	cps
Lead	206-1	751116	731954	743659	742243	1.30	cps
Lead	207-1	611063	606247	601849	606386	0.76	cps
Lead	208-1	2895043	2860205	2838025	2864424	1.00	cps
Lithium	6-1	4273011	4502151	4258498	4344553	3.15	cps
Magnesium	24-2	18107976	18098513	18103333	18103274	0.03	cps
Manganese	55-2	4647749	4568521	4641726	4619332	0.95	cps
Molybdenum	94-1	550541	533412	533151	539035	1.85	cps
Molybdenum	95-1	11447	11563	12014	11675	2.57	cps
Molybdenum	96-1	111561	110484	109531	110525	0.92	cps
Molybdenum	97-1	7902	7144	7252	7433	5.52	cps
Molybdenum	98-1	18605	18296	17345	18082	3.63	cps
Neodymium	150-1	640924	640826	646435	642728	0.50	cps
Neodymium	150-2	226740	226822	225707	226423	0.27	cps
Nickel	60-2	423739	420613	416761	420371	0.83	cps
Phosphorus	31-2	19155	18746	17636	18512	4.24	cps
Potassium	39-2	4652413	4549745	4652782	4618313	1.29	cps
Rhodium	103-1	10995356	11345339	10691791	11010829	2.97	cps
Rhodium	103-2	5512193	5308128	5269237	5363186	2.43	cps
Scandium	45-1	10033190	10349364	9829434	10070663	2.60	cps
Scandium	45-2	350027	347917	343487	347144	0.96	cps
Selenium	82-1	803	701	686	730	8.73	cps
Selenium	77-2	1377	1230	1307	1305	5.62	cps
Selenium	78-2	858	855	890	868	2.24	cps
Silicon	28-1	23992509	16365577	17184290	19180792	21.83	cps
Silver	107-1	17595	18079	18246	17973	1.88	cps
Silver	109-1	15943	16727	16093	16254	2.56	cps
Sodium	23-2	3782151	3699926	3787952	3756677	1.31	cps
Strontium	86-1	339664	338526	332982	337057	1.06	cps
Strontium	88-1	2997329	3016442	2911473	2975081	1.88	cps
Sulfur	34-1	369826	375873	370100	371933	0.92	cps
Terbium	159-1	13695162	14130069	13325767	13716999	2.94	cps
Terbium	159-2	6511617	6356832	6374132	6414194	1.32	cps
Thallium	203-1	12673	13157	12723	12851	2.07	cps
Thallium	205-1	31915	30954	31455	31442	1.53	cps
Tin	118-1	28581	35616	29135	31111	12.57	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-04	Instrumnet Name :	P8
Client Sample ID :	B-4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:30:15	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4206534	4223596	4446898	4292343	3.12	cps
Uranium	238-1	167648	163976	166871	166165	1.16	cps
Vanadium	51-2	627097	618571	610329	618666	1.36	cps
Ytterbium	172-1	91041	88345	89402	89596	1.52	cps
Ytterbium	172-2	49750	47954	47212	48305	2.70	cps
Ytterbium	176-1	61083	60481	60130	60565	0.80	cps
Ytterbium	176-2	36629	37387	36729	36915	1.11	cps
Yttrium	89-1	35145957	36016563	34350172	35170897	2.37	cps
Yttrium	89-2	4304700	4141848	4163056	4203201	2.11	cps
Zinc	66-2	335491	339698	329333	334841	1.56	cps
Zirconium	90-1	1534788	1542304	1543020	1540037	0.30	cps
Zirconium	91-1	336604	327732	329930	331422	1.39	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-05	Instrumnet Name :	P8
Client Sample ID :	B-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:33:11	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4725916	4665759	4621310	4670995	1.12	cps
Antimony	121-1	8561	8545	10310	9139	11.10	cps
Arsenic	75-2	27037	26807	26671	26838	0.69	cps
Barium	135-1	10942487	10475081	10480731	10632766	2.52	cps
Barium	137-1	18773954	18204609	18208264	18395609	1.78	cps
Beryllium	9-1	13818	13492	13405	13572	1.60	cps
Bismuth	209-1	7194312	7070419	6975569	7080100	1.55	cps
Bismuth	209-2	4316360	4251569	4437940	4335290	2.18	cps
Boron	10-1	8741	9225	9173	9046	2.94	cps
Boron	11-1	42491	43437	43847	43258	1.61	cps
Bromine	81-1	27084	28498	29020	28201	3.55	cps
Cadmium	111-1	14698	13818	13595	14037	4.16	cps
Cadmium	106-1	11455	10963	11005	11141	2.45	cps
Cadmium	108-1	1496	1688	1667	1617	6.51	cps
Calcium	43-1	1102678	1097413	1088168	1096087	0.67	cps
Calcium	44-1	18690220	18436111	18411320	18512550	0.83	cps
Carbon	12-1	14243349	15218544	14088180	14516691	4.22	cps
Carbon	12-2	167545	166951	166424	166974	0.34	cps
Chlorine	35-1	602180	587033	582314	590509	1.76	cps
Chlorine	35-2	4701	4509	4926	4712	4.43	cps
Chromium	52-2	614452	612613	614896	613987	0.20	cps
Cobalt	59-2	471692	458966	463015	464558	1.40	cps
Copper	63-2	3283253	3204003	3173405	3220220	1.76	cps
Dysprosium	156-1	402281	401646	398780	400903	0.47	cps
Dysprosium	156-2	195258	191905	193392	193518	0.87	cps
Erbium	164-1	423449	413857	406718	414675	2.02	cps
Erbium	164-2	198907	193167	192802	194959	1.76	cps
Gadolinium	160-1	413366	408525	409402	410431	0.63	cps
Gadolinium	160-2	222285	223139	220605	222009	0.58	cps
Holmium	165-1	12987827	12711499	12883406	12860910	1.08	cps
Holmium	165-2	6514087	6608624	6383899	6502203	1.74	cps
Indium	115-1	11522352	11348155	11223631	11364713	1.32	cps
Indium	115-2	2056331	2050890	2086371	2064531	0.93	cps
Iron	54-2	18528370	18321967	18365332	18405223	0.59	cps
Iron	56-2	335364441	328584496	331653896	331867611	1.02	cps
Iron	57-2	8516944	8538449	8255043	8436812	1.87	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-05	Instrumnet Name :	P8
Client Sample ID :	B-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:33:11	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1923	1950	1920	1931	0.85	cps
Lead	206-1	3552441	3471207	3537776	3520475	1.23	cps
Lead	207-1	2859236	2802885	2868215	2843445	1.25	cps
Lead	208-1	13589722	13194718	13332558	13372333	1.50	cps
Lithium	6-1	4101923	4001689	3782732	3962115	4.12	cps
Magnesium	24-2	4481703	4427431	4382346	4430493	1.12	cps
Manganese	55-2	3002394	2889640	3014606	2968880	2.32	cps
Molybdenum	94-1	378378	372776	379841	376998	0.99	cps
Molybdenum	95-1	64224	62365	64149	63579	1.65	cps
Molybdenum	96-1	132322	127122	125373	128272	2.82	cps
Molybdenum	97-1	38772	38128	37994	38298	1.09	cps
Molybdenum	98-1	100631	98297	98701	99210	1.26	cps
Neodymium	150-1	607350	587899	588340	594530	1.87	cps
Neodymium	150-2	218646	215947	214724	216439	0.93	cps
Nickel	60-2	242973	240916	241211	241700	0.46	cps
Phosphorus	31-2	28779	28637	27293	28236	2.90	cps
Potassium	39-2	2209894	2172785	2196030	2192903	0.86	cps
Rhodium	103-1	11447623	10673050	10997872	11039515	3.52	cps
Rhodium	103-2	5557158	5632350	5479708	5556406	1.37	cps
Scandium	45-1	9422849	9384253	9355720	9387607	0.36	cps
Scandium	45-2	335579	334922	332120	334207	0.55	cps
Selenium	82-1	2256	2090	2111	2153	4.20	cps
Selenium	77-2	1273	1260	1200	1245	3.14	cps
Selenium	78-2	1014	1009	1022	1015	0.65	cps
Silicon	28-1	21889197	47596359	30842292	33442616	39.02	cps
Silver	107-1	63757	63707	63790	63751	0.07	cps
Silver	109-1	61672	63154	61337	62054	1.56	cps
Sodium	23-2	1053943	1051814	998435	1034731	3.04	cps
Strontium	86-1	718044	683457	694413	698638	2.53	cps
Strontium	88-1	6156293	6179565	5951204	6095687	2.06	cps
Sulfur	34-1	672846	676759	679266	676290	0.48	cps
Terbium	159-1	13823594	13426113	13400981	13550229	1.75	cps
Terbium	159-2	6582129	6569902	6433932	6528654	1.26	cps
Thallium	203-1	14884	15143	14926	14984	0.93	cps
Thallium	205-1	36477	35315	35809	35867	1.63	cps
Tin	118-1	146649	151177	136648	144824	5.13	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	M4120-05	Instrumnet Name :	P8
Client Sample ID :	B-5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:33:11	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4759992	4856740	4670668	4762467	1.95	cps
Uranium	238-1	228401	230316	224235	227651	1.37	cps
Vanadium	51-2	670229	665278	660896	665468	0.70	cps
Ytterbium	172-1	129084	129355	127251	128563	0.89	cps
Ytterbium	172-2	71906	70342	69198	70482	1.93	cps
Ytterbium	176-1	83272	81797	79841	81637	2.11	cps
Ytterbium	176-2	49705	51858	49877	50480	2.37	cps
Yttrium	89-1	37157150	36342821	35821138	36440370	1.85	cps
Yttrium	89-2	4512197	4608862	4464954	4528671	1.62	cps
Zinc	66-2	380351	374273	370737	375120	1.30	cps
Zirconium	90-1	944642	950856	916185	937228	1.97	cps
Zirconium	91-1	212226	224463	201316	212668	5.45	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:40:35	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4410768	4423047	4329389	4387734	1.16	cps
Antimony	121-1	4512642	4495386	4431350	4479793	0.96	cps
Arsenic	75-2	154128	154126	153594	153949	0.20	cps
Barium	135-1	6001219	5846753	5689816	5845929	2.66	cps
Barium	137-1	10285234	10167066	10082257	10178186	1.00	cps
Beryllium	9-1	1132963	1139337	1161720	1144674	1.32	cps
Bismuth	209-1	6478589	6145490	6194801	6272960	2.87	cps
Bismuth	209-2	3667185	3751728	3654077	3690997	1.44	cps
Boron	10-1	108039	114632	117736	113469	4.36	cps
Boron	11-1	521249	555825	573069	550048	4.80	cps
Bromine	81-1	22381	21659	20997	21679	3.19	cps
Cadmium	111-1	1053753	1079308	1064857	1065973	1.20	cps
Cadmium	106-1	128825	129043	128959	128943	0.09	cps
Cadmium	108-1	84478	86717	87547	86247	1.84	cps
Calcium	43-1	8627656	8523214	8659611	8603494	0.83	cps
Calcium	44-1	141853334	140532959	140440735	140942342	0.56	cps
Carbon	12-1	7480559	7707205	7659570	7615778	1.57	cps
Carbon	12-2	97901	95569	96113	96528	1.26	cps
Chlorine	35-1	724970	717505	706527	716334	1.30	cps
Chlorine	35-2	5476	5535	5785	5598	2.93	cps
Chromium	52-2	1754953	1755429	1795472	1768618	1.32	cps
Cobalt	59-2	2983283	2983530	3025917	2997576	0.82	cps
Copper	63-2	22015527	21643186	22590746	22083153	2.16	cps
Dysprosium	156-1	983	792	825	867	11.82	cps
Dysprosium	156-2	403	377	420	400	5.46	cps
Erbium	164-1	183	233	233	217	13.32	cps
Erbium	164-2	103	73	107	94	19.44	cps
Gadolinium	160-1	758	767	1108	878	22.75	cps
Gadolinium	160-2	540	440	503	494	10.23	cps
Holmium	165-1	11732749	11421314	11149074	11434379	2.55	cps
Holmium	165-2	5931307	5761092	5829825	5840741	1.47	cps
Indium	115-1	9940198	9788072	10169499	9965923	1.93	cps
Indium	115-2	1846971	1830176	1830343	1835830	0.53	cps
Iron	54-2	18375384	18306183	18618429	18433332	0.89	cps
Iron	56-2	334432941	334922041	333258941	334204641	0.26	cps
Iron	57-2	8373249	8462506	8580420	8472058	1.23	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:40:35	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	973	890	958	6.42	cps
Lead	206-1	15560111	16101609	15273167	15644963	2.69	cps
Lead	207-1	13353303	13611657	13127645	13364202	1.81	cps
Lead	208-1	61873343	62819765	61021602	61904903	1.45	cps
Lithium	6-1	3485400	3451272	3462488	3466387	0.50	cps
Magnesium	24-2	62198216	62842726	61151878	62064274	1.37	cps
Manganese	55-2	8990985	8747284	8811433	8849901	1.43	cps
Molybdenum	94-1	11151511	11155080	11035682	11114091	0.61	cps
Molybdenum	95-1	13498335	13753139	13316671	13522715	1.62	cps
Molybdenum	96-1	15045058	15056689	15110734	15070827	0.23	cps
Molybdenum	97-1	8234732	8203745	8281325	8239934	0.47	cps
Molybdenum	98-1	21377560	21532318	21498352	21469410	0.38	cps
Neodymium	150-1	327	273	173	258	30.20	cps
Neodymium	150-2	57	30	37	41	33.76	cps
Nickel	60-2	775806	769902	767950	771219	0.53	cps
Phosphorus	31-2	48114	45489	47503	47035	2.92	cps
Potassium	39-2	25459770	25780192	25922296	25720753	0.92	cps
Rhodium	103-1	9669759	9329567	9714500	9571275	2.20	cps
Rhodium	103-2	4828481	4843429	4814392	4828767	0.30	cps
Scandium	45-1	7853698	7880167	7871087	7868317	0.17	cps
Scandium	45-2	290179	289116	290961	290085	0.32	cps
Selenium	82-1	85257	86346	86981	86195	1.01	cps
Selenium	77-2	3007	2997	3134	3046	2.50	cps
Selenium	78-2	10907	11029	10903	10947	0.65	cps
Silicon	28-1	4023901	4148796	4207814	4126837	2.28	cps
Silver	107-1	5871393	5970525	5973873	5938597	0.98	cps
Silver	109-1	5871258	5806914	5852805	5843659	0.57	cps
Sodium	23-2	120227394	120172044	121580674	120660037	0.66	cps
Strontium	86-1	17424717	17505811	17513122	17481217	0.28	cps
Strontium	88-1	147201532	148647970	151066520	148972007	1.31	cps
Sulfur	34-1	925533	921655	916232	921140	0.51	cps
Terbium	159-1	11809095	12026449	12192071	12009205	1.60	cps
Terbium	159-2	5820361	5701088	5781108	5767519	1.05	cps
Thallium	203-1	3744833	3907070	3918793	3856899	2.52	cps
Thallium	205-1	8866231	9180229	8824924	8957128	2.17	cps
Tin	118-1	3843549	3973150	4031632	3949444	2.44	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:40:35	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4200168	4331755	4381813	4304579	2.18	cps
Uranium	238-1	11539932	11738563	11534338	11604278	1.00	cps
Vanadium	51-2	1419074	1446173	1422986	1429411	1.02	cps
Ytterbium	172-1	92	133	92	106	22.79	cps
Ytterbium	172-2	28	28	72	43	60.24	cps
Ytterbium	176-1	16377	17570	17579	17175	4.03	cps
Ytterbium	176-2	11483	12968	12512	12321	6.17	cps
Yttrium	89-1	26013175	26013538	25623480	25883397	0.87	cps
Yttrium	89-2	3405180	3266416	3352561	3341386	2.10	cps
Zinc	66-2	2503743	2481979	2543260	2509661	1.24	cps
Zirconium	90-1	9252753	9491709	9476505	9406989	1.42	cps
Zirconium	91-1	2142877	2179725	2137809	2153471	1.06	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:46:58	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232	200	191	208	10.45	cps
Antimony	121-1	833	1067	1000	967	12.43	cps
Arsenic	75-2	4	12	9	8	48.50	cps
Barium	135-1	100	117	58	92	32.78	cps
Barium	137-1	183	225	117	175	31.23	cps
Beryllium	9-1	76	90	74	80	10.89	cps
Bismuth	209-1	6278823	6654666	6610456	6514649	3.15	cps
Bismuth	209-2	3942317	4100915	3975491	4006241	2.09	cps
Boron	10-1	4052	3966	3590	3869	6.35	cps
Boron	11-1	19669	18672	18518	18953	3.30	cps
Bromine	81-1	20616	20858	20747	20740	0.58	cps
Cadmium	111-1	627	657	548	611	9.19	cps
Cadmium	106-1	5951	6327	5535	5938	6.67	cps
Cadmium	108-1	50	54	67	57	15.23	cps
Calcium	43-1	450	487	446	461	4.95	cps
Calcium	44-1	51248	51060	51011	51107	0.24	cps
Carbon	12-1	5031881	5149462	5195730	5125691	1.65	cps
Carbon	12-2	60266	58760	58693	59240	1.50	cps
Chlorine	35-1	711504	695712	688342	698520	1.69	cps
Chlorine	35-2	5485	5334	5576	5465	2.23	cps
Chromium	52-2	987	1013	1160	1053	8.86	cps
Cobalt	59-2	117	100	63	93	29.24	cps
Copper	63-2	1013	1183	1183	1127	8.71	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	50	50	117	72	53.30	cps
Erbium	164-2	40	30	27	32	21.53	cps
Gadolinium	160-1	92	125	83	100	22.04	cps
Gadolinium	160-2	50	77	50	59	26.15	cps
Holmium	165-1	11042030	11734775	11354696	11377167	3.05	cps
Holmium	165-2	5936424	5812867	5788152	5845815	1.36	cps
Indium	115-1	10115972	10906661	10520197	10514277	3.76	cps
Indium	115-2	1900694	1954577	1880768	1912013	2.00	cps
Iron	54-2	1000	889	1083	991	9.85	cps
Iron	56-2	8258	8358	8013	8210	2.16	cps
Iron	57-2	211	261	256	243	11.30	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:46:58	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	980	1090	1006	7.46	cps
Lead	206-1	1928	1834	1895	1885	2.54	cps
Lead	207-1	1572	1595	1606	1591	1.07	cps
Lead	208-1	7412	7384	7501	7432	0.82	cps
Lithium	6-1	3537661	3620252	3488999	3548971	1.87	cps
Magnesium	24-2	708	692	758	719	4.82	cps
Manganese	55-2	131	145	162	146	10.67	cps
Molybdenum	94-1	533	608	517	553	8.83	cps
Molybdenum	95-1	475	317	350	381	21.93	cps
Molybdenum	96-1	600	467	542	536	12.47	cps
Molybdenum	97-1	200	233	158	197	19.05	cps
Molybdenum	98-1	750	583	500	611	20.83	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	147	110	117	23.39	cps
Phosphorus	31-2	117	108	158	128	20.96	cps
Potassium	39-2	23687	24229	24112	24009	1.19	cps
Rhodium	103-1	10043687	10407790	10385557	10279011	1.99	cps
Rhodium	103-2	5151408	5271145	5152581	5191711	1.33	cps
Scandium	45-1	7818288	8092134	7932461	7947628	1.73	cps
Scandium	45-2	283795	285002	276894	281897	1.55	cps
Selenium	82-1	38	-9	-130	-34	-258.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	90	88	85	8.94	cps
Silicon	28-1	517541	512101	515895	515179	0.54	cps
Silver	107-1	583	617	500	567	10.61	cps
Silver	109-1	575	475	550	533	9.76	cps
Sodium	23-2	31994	32120	32128	32080	0.23	cps
Strontium	86-1	1992	1675	1792	1820	8.80	cps
Strontium	88-1	1700	1333	1608	1547	12.33	cps
Sulfur	34-1	421038	421261	422543	421614	0.19	cps
Terbium	159-1	11605812	11973448	11946612	11841957	1.73	cps
Terbium	159-2	5653642	5916622	5808663	5792976	2.28	cps
Thallium	203-1	733	717	900	783	12.94	cps
Thallium	205-1	1792	1700	1734	1742	2.66	cps
Tin	118-1	1667	1542	1667	1625	4.44	cps

LB Number :	LB116812	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2021-10-12 18:46:58	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	350	250	339	24.75	cps
Uranium	238-1	125	100	67	97	30.10	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Ytterbium	172-1	33	17	33	28	34.63	cps
Ytterbium	172-2	0	11	17	9	91.66	cps
Ytterbium	176-1	1150	1475	1275	1300	12.61	cps
Ytterbium	176-2	3717	3778	4123	3873	5.65	cps
Yttrium	89-1	25384045	26709757	25871075	25988292	2.58	cps
Yttrium	89-2	3300924	3340792	3281797	3307838	0.91	cps
Zinc	66-2	560	560	587	569	2.71	cps
Zirconium	90-1	1133	1083	1067	1095	3.17	cps
Zirconium	91-1	208	242	183	211	13.86	cps