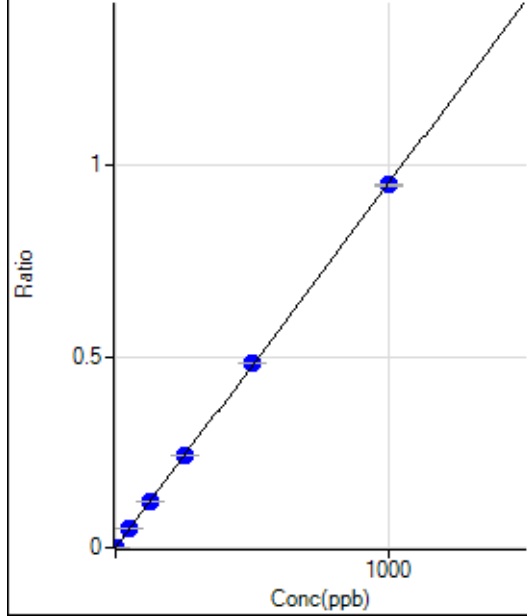


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040120 MS.b\
Analysis File: P8040120 MS.batch.bin
DA Date-Time: 2020-04-01 17:11:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-04-01 12:01:21
2	006CALS.d	S02	2020-04-01 12:04:28
3	007CALS.d	S03	2020-04-01 12:07:34
4	008CALS.d	S04	2020-04-01 12:10:41
5	009CALS.d	S05	2020-04-01 12:13:44
6	010CALS.d	S06	2020-04-01 12:16:45
7	011CALS.d	S07	2020-04-01 12:19:43
8	012CALS.d	S08	2020-04-01 12:22:43

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.33	0.0000	P	17.3
2	☐	1.000	0.991	631.89	0.0010	P	3.9
3	☐	50.000	51.906	33119.75	0.0495	P	2.0
4	☐	125.000	127.759	83379.40	0.1218	P	0.9
5	☐	250.000	251.818	164818.77	0.2401	P	0.4
6	☐	500.000	505.659	331581.79	0.4821	P	0.1
7	☐	1000.000	996.276	657826.35	0.9498	P	0.6
8	☐			183.30	0.0003	P	14.4

$$y = 9.5332\text{E-}004 * x + 2.6091\text{E-}005$$

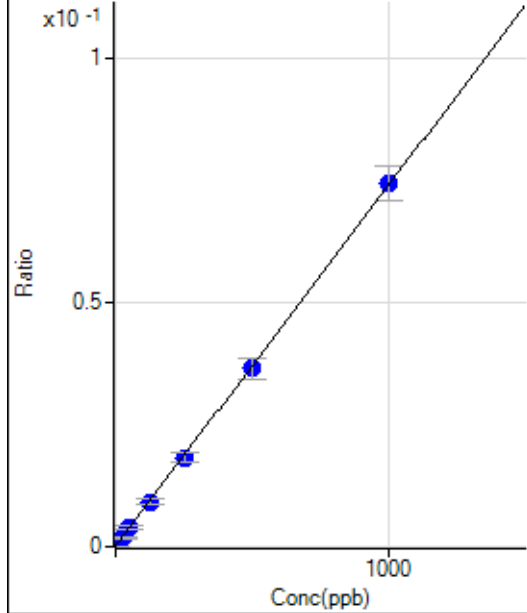
$$R = 1.0000$$

$$DL = 0.0142$$

$$BEC = 0.02737$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	59.99	0.0001	P	18.9
2	☐	25.000	22.822	1156.48	0.0018	P	8.3
3	☐	50.000	51.946	2623.72	0.0039	P	13.1
4	☐	125.000	123.802	6311.46	0.0092	P	11.2
5	☐	250.000	245.404	12484.20	0.0182	P	11.6
6	☐	500.000	492.817	25057.82	0.0364	P	12.0
7	☐	1000.000	1004.847	51410.12	0.0742	P	9.7
8	☐			7722.53	0.0114	P	10.0

$$y = 7.3752\text{E-}005 * x + 9.0392\text{E-}005$$

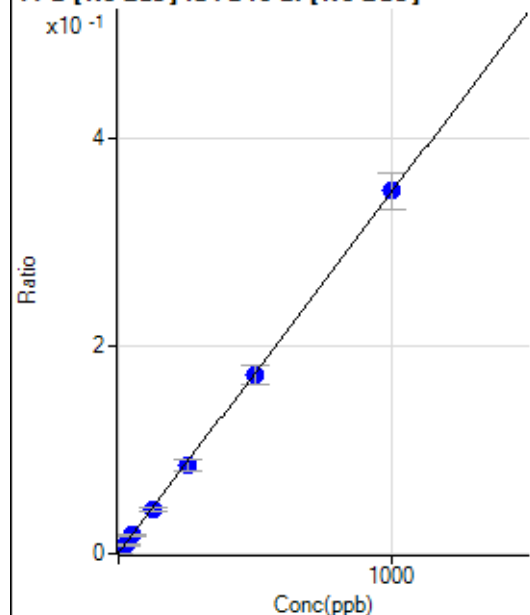
$$R = 0.9999$$

$$DL = 0.6958$$

$$BEC = 1.226$$

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	229.29	0.0003	P	12.1
2	☐	25.000	23.048	5445.96	0.0083	P	13.1
3	☐	50.000	50.624	11977.21	0.0179	P	10.7
4	☐	125.000	121.898	29183.95	0.0426	P	11.6
5	☐	250.000	244.643	58492.56	0.0852	P	11.5
6	☐	500.000	495.732	118516.26	0.1723	P	10.6
7	☐	1000.000	1003.879	241569.53	0.3486	P	10.2
8	☐			35594.11	0.0527	P	10.0

$$y = 3.4695\text{E-}004 * x + 3.4511\text{E-}004$$

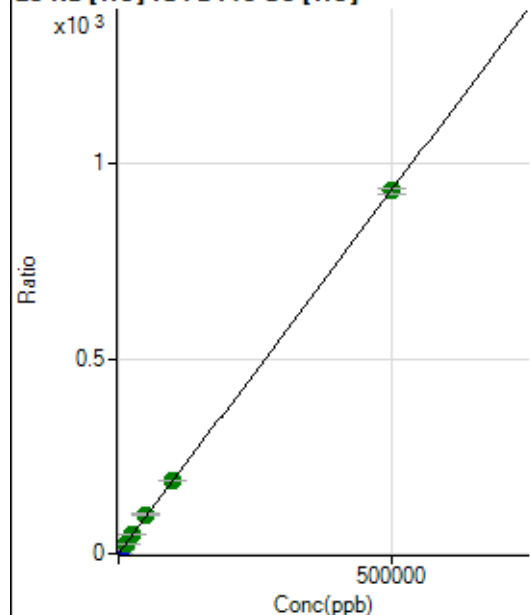
$$R = 1.0000$$

$$DL = 0.3621$$

$$BEC = 0.9947$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22698.72	0.4732	P	0.9
2	☐	500.000	516.130	68845.91	1.4350	P	0.7
3	☐	5000.000	5235.312	496435.10	10.2293	P	0.8
4	☐	12500.000	13663.290	1201579.53	25.9348	A	7.8
5	☐	25000.000	26402.471	2379136.04	49.6744	A	1.7
6	☐	50000.000	53444.110	4643343.81	100.0667	A	6.3
7	☐	100000.00	101253.57	9072769.73	189.1599	A	0.9
8	☐	500000.00	499303.29	44383729.12	930.9284	A	1.8

$$y = 0.0019 * x + 0.4732$$

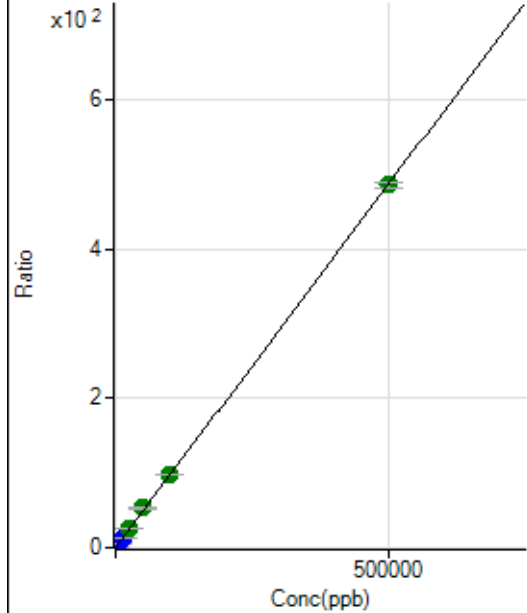
$$R = 1.0000$$

$$DL = 6.972$$

$$BEC = 253.9$$

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	163.90	0.0034	P	27.3
2	☐	500.000	516.581	24315.14	0.5068	P	1.2
3	☐	5000.000	5344.559	252943.11	5.2118	P	0.2
4	☐	12500.000	13937.796	629606.72	13.5861	P	7.1
5	☐	25000.000	26816.066	1251684.18	26.1362	A	2.7
6	☐	50000.000	54577.308	2467722.34	53.1901	A	6.8
7	☐	100000.00	101443.66	4741967.51	98.8623	A	0.1
8	☐	500000.00	499123.32	23188282.46	486.4091	A	1.8

$$y = 9.7452\text{E-}004 * x + 0.0034$$

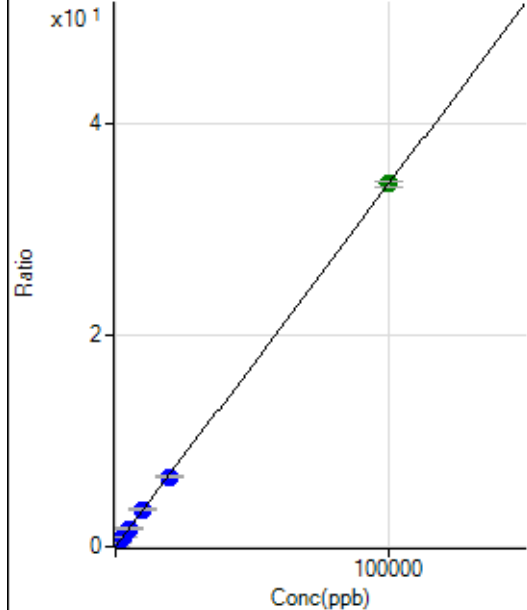
$$R = 1.0000$$

$$DL = 2.884$$

$$BEC = 3.516$$

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	272.23	0.0057	P	7.4
2	☐	20.000	24.264	672.24	0.0140	P	4.5
3	☐	1000.000	1007.926	17070.14	0.3518	P	2.4
4	☐	2500.000	2621.532	41993.75	0.9058	P	6.2
5	☐	5000.000	5014.942	82742.39	1.7276	P	2.0
6	☐	10000.000	10207.917	162936.96	3.5107	P	5.9
7	☐	20000.000	19334.704	318692.50	6.6445	P	0.8
8	☐	100000.00	100108.40	1638954.21	34.3793	A	1.7

$$y = 3.4336\text{E-}004 * x + 0.0057$$

$$R = 1.0000$$

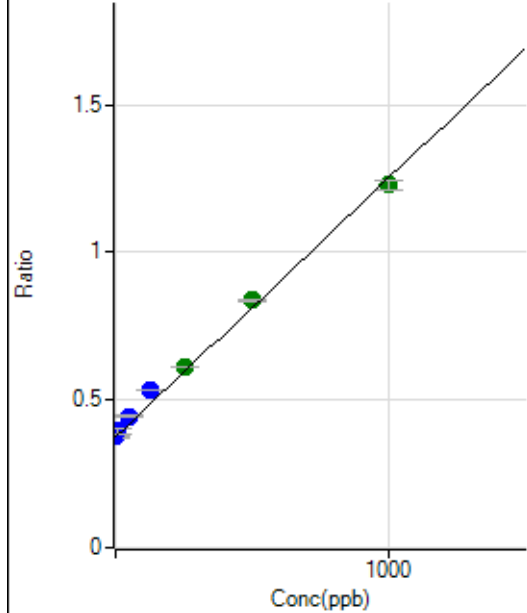
$$DL = 3.689$$

$$BEC = 16.54$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	571986.84	0.3751	P	2.4
2	☐	10.000	22.373	588993.63	0.3947	P	4.6
3	☐	50.000	79.532	682495.91	0.4449	P	1.7
4	☐	125.000	181.430	835972.36	0.5343	P	0.1
5	☐	250.000	268.479	950195.69	0.6107	A	0.3
6	☐	500.000	527.535	1318420.57	0.8381	A	1.1
7	☐	1000.000	972.959	1937669.75	1.2290	A	2.4
8	☐			712825.87	0.4633	P	5.4

$$y = 8.7758\text{E-}004 * x + 0.3751$$

$$R = 0.9981$$

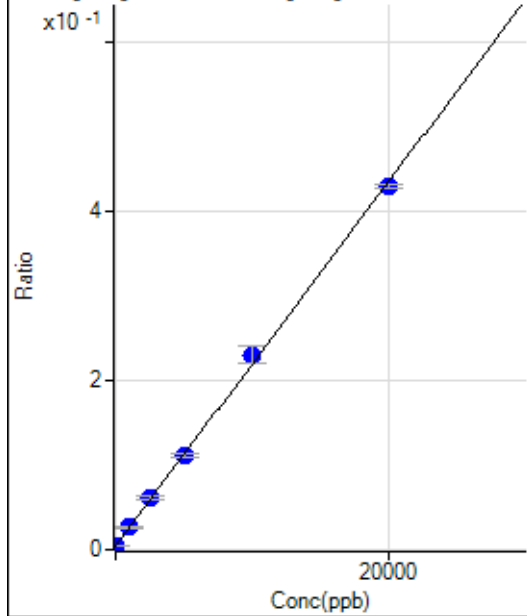
$$DL = 30.97$$

$$BEC = 427.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-21.347	183.34	0.0038	P	10.7
2	☐	0.000	21.347	227.78	0.0047	P	3.7
3	☐	1000.000	1022.455	1277.87	0.0263	P	5.4
4	☐	2500.000	2689.987	2892.04	0.0623	P	7.1
5	☐	5000.000	4984.229	5351.13	0.1118	P	5.7
6	☐	10000.000	10516.801	10709.78	0.2310	P	9.0
7	☐	20000.000	19720.671	20601.22	0.4295	P	1.1
8	☐			272.23	0.0057	P	29.7

$$y = 2.1561\text{E-}005 * x + 0.0043$$

$$R = 0.9995$$

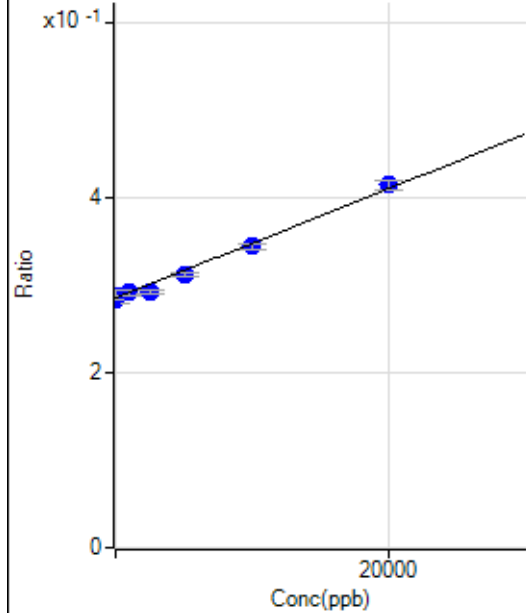
$$DL = 40.51$$

$$BEC = 198.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-489.745	430317.20	0.2822	P	2.0
2	☐	0.000	489.745	430269.99	0.2883	P	3.7
3	☐	1000.000	942.125	446596.78	0.2911	P	1.9
4	☐	2500.000	1108.726	457075.33	0.2922	P	1.1
5	☐	5000.000	4231.943	484892.39	0.3117	P	0.8
6	☐	10000.000	9416.969	541188.22	0.3440	P	2.2
7	☐	20000.000	20660.333	653127.78	0.4143	P	2.5
8	☐			421428.24	0.2738	P	4.5

$$y = 6.2444\text{E-}006 * x + 0.2852$$

$$R = 0.9961$$

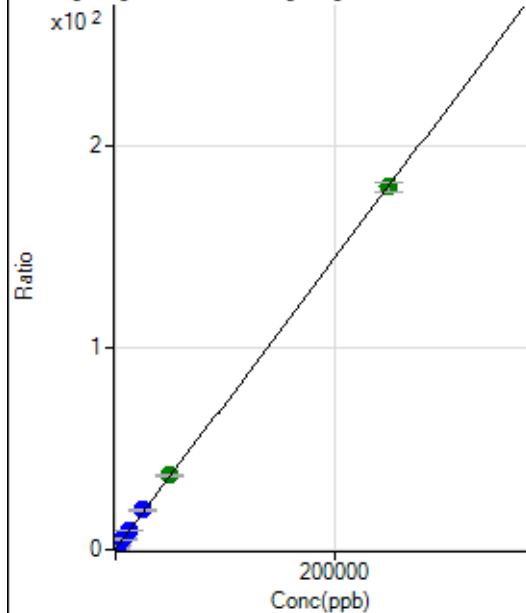
$$DL = 3967$$

$$BEC = 4.568\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14329.68	0.2987	P	2.6
2	☐	500.000	520.734	32281.07	0.6729	P	1.8
3	☐	2500.000	2651.392	106986.81	2.2042	P	1.9
4	☐	6250.000	6917.116	244222.41	5.2701	P	7.1
5	☐	12500.000	13336.723	473372.08	9.8839	P	1.7
6	☐	25000.000	26960.124	912905.72	19.6752	P	6.6
7	☐	50000.000	50683.621	1761420.72	36.7256	A	1.5
8	☐	250000.00	249607.19	8565487.69	179.6942	A	2.5

$$y = 7.1871\text{E-}004 * x + 0.2987$$

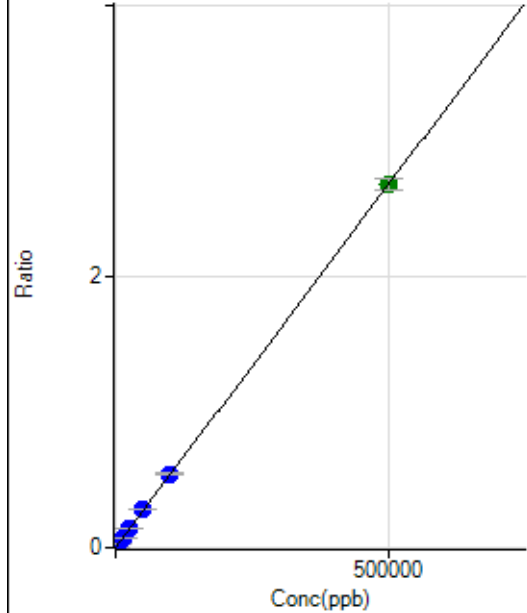
$$R = 1.0000$$

$$DL = 32.37$$

$$BEC = 415.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369.46	0.0002	P	13.9
2	☐	500.000	520.028	4506.37	0.0030	P	12.2
3	☐	5000.000	5240.030	43396.61	0.0283	P	1.0
4	☐	12500.000	12958.847	108877.63	0.0696	P	0.3
5	☐	25000.000	25524.375	212884.63	0.1368	P	0.8
6	☐	50000.000	51749.617	436073.24	0.2772	P	0.5
7	☐	100000.00	101592.26	857724.01	0.5439	P	1.1
8	☐	500000.00	499466.47	4115018.71	2.6731	A	3.3

$$y = 5.3513\text{E-}006 * x + 2.4260\text{E-}004$$

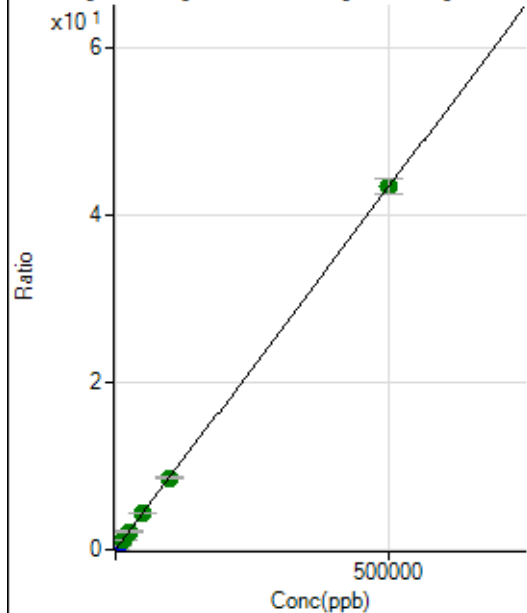
$$R = 1.0000$$

$$DL = 18.94$$

$$BEC = 45.33$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25812.67	0.0169	P	0.7
2	☐	500.000	522.206	92940.96	0.0623	P	3.5
3	☐	5000.000	5292.710	731057.72	0.4765	P	1.0
4	☐	12500.000	12696.905	1751529.47	1.1195	A	0.5
5	☐	25000.000	24965.036	3398772.08	2.1849	A	2.7
6	☐	50000.000	50285.412	6896606.58	4.3836	A	0.9
7	☐	100000.00	99042.012	13591102.21	8.6176	A	0.9
8	☐	500000.00	500156.93	66874577.88	43.4499	A	4.1

$$y = 8.6839\text{E-}005 * x + 0.0169$$

$$R = 1.0000$$

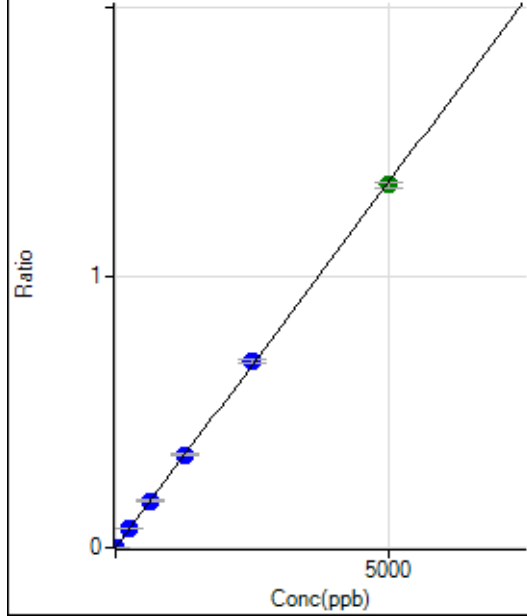
$$DL = 4.035$$

$$BEC = 194.8$$

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	452.80	0.0003	P	6.3
2	☐	5.000	5.705	2747.56	0.0018	P	7.4
3	☐	250.000	258.309	107517.94	0.0701	P	1.9
4	☐	625.000	641.941	271808.36	0.1737	P	0.7
5	☐	1250.000	1272.994	535566.21	0.3442	P	0.7
6	☐	2500.000	2551.205	1084804.62	0.6896	P	1.6
7	☐	5000.000	4966.115	2116185.42	1.3420	A	1.8
8	☐			3991.74	0.0025	P	141.

$$y = 2.7018\text{E-}004 * x + 2.9706\text{E-}004$$

$$R = 0.9999$$

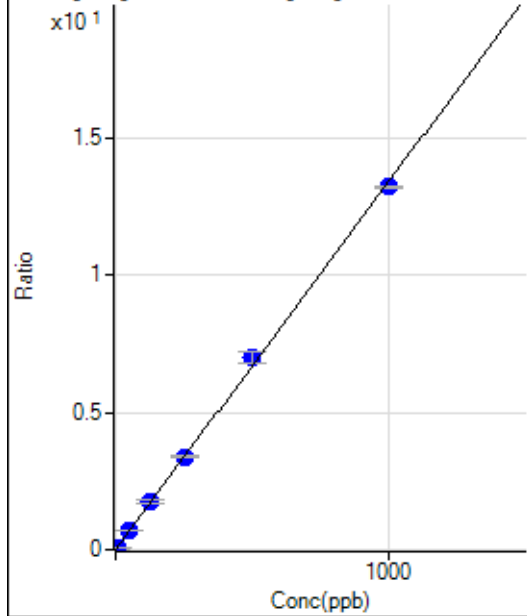
$$DL = 0.2068$$

$$BEC = 1.099$$

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	8.89	0.0002	P	94.2
2	☐	5.000	5.250	3385.99	0.0706	P	2.8
3	☐	50.000	50.177	32658.32	0.6730	P	1.6
4	☐	125.000	131.863	81980.77	1.7683	P	6.0
5	☐	250.000	252.849	162391.67	3.3905	P	0.8
6	☐	500.000	523.531	325714.14	7.0200	P	6.6
7	☐	1000.000	986.654	634546.29	13.2298	P	0.9
8	☐			273.34	0.0057	P	9.0

$$y = 0.0134 * x + 1.8707\text{E-}004$$

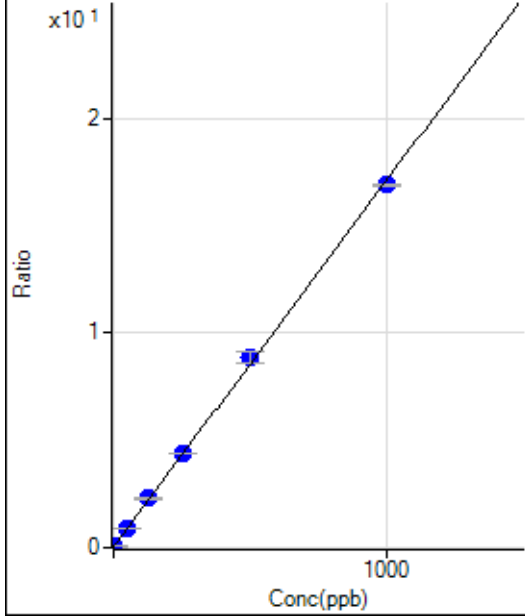
$$R = 0.9996$$

$$DL = 0.03944$$

$$BEC = 0.01395$$

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	1024.49	0.0214	P	5.6
2	☐	2.000	1.979	2645.83	0.0552	P	7.1
3	☐	50.000	51.039	43344.37	0.8932	P	1.4
4	☐	125.000	133.538	106735.45	2.3023	P	6.1
5	☐	250.000	255.200	209798.69	4.3805	P	1.3
6	☐	500.000	518.912	412366.33	8.8850	P	5.8
7	☐	1000.000	988.125	810568.86	16.8996	P	0.8
8	☐			22623.52	0.4745	P	1.4

$$y = 0.0171 * x + 0.0214$$

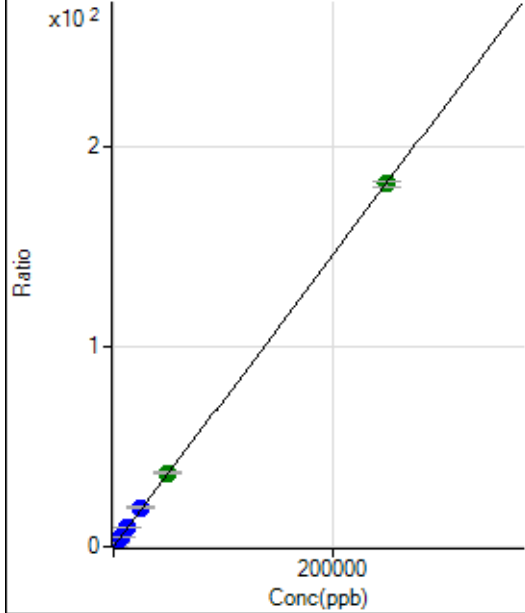
$$R = 0.9997$$

$$DL = 0.2092$$

$$BEC = 1.251$$

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	483.35	0.0101	P	20.0
2	☐	50.000	56.944	2465.06	0.0514	P	2.0
3	☐	2500.000	2620.198	92763.94	1.9115	P	0.9
4	☐	6250.000	6759.894	227914.01	4.9155	P	5.7
5	☐	12500.000	13048.142	453977.17	9.4787	P	1.1
6	☐	25000.000	26735.796	900821.44	19.4113	P	6.1
7	☐	50000.000	50662.323	1763800.04	36.7740	A	1.4
8	☐	250000.00	249652.59	8637340.87	181.1747	A	1.6

$$y = 7.2567E-004 * x + 0.0101$$

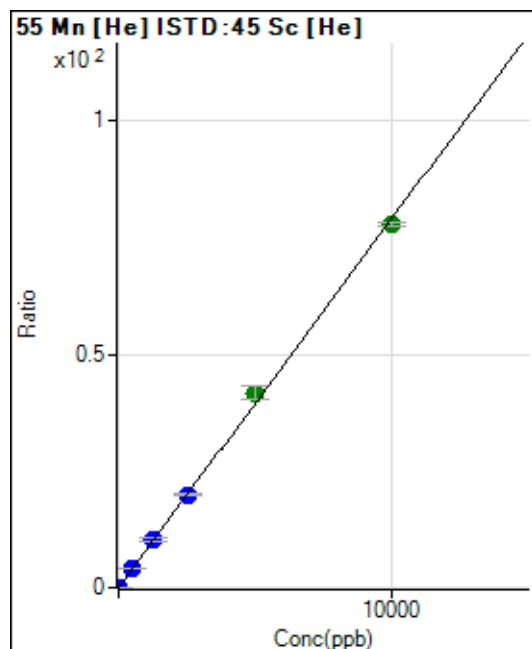
$$R = 1.0000$$

$$DL = 8.313$$

$$BEC = 13.87$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0027	P	22.2
2	☐	1.000	1.016	513.35	0.0107	P	9.9
3	☐	500.000	504.438	193485.97	3.9869	P	0.7
4	☐	1250.000	1310.844	480142.91	10.3561	P	6.0
5	☐	2500.000	2519.443	953191.00	19.9020	P	1.4
6	☐	5000.000	5292.035	1939845.47	41.8009	A	6.1
7	☐	10000.000	9841.295	3728220.88	77.7324	A	1.2
8	☐			3792.76	0.0796	P	3.0

$$y = 0.0079 * x + 0.0027$$

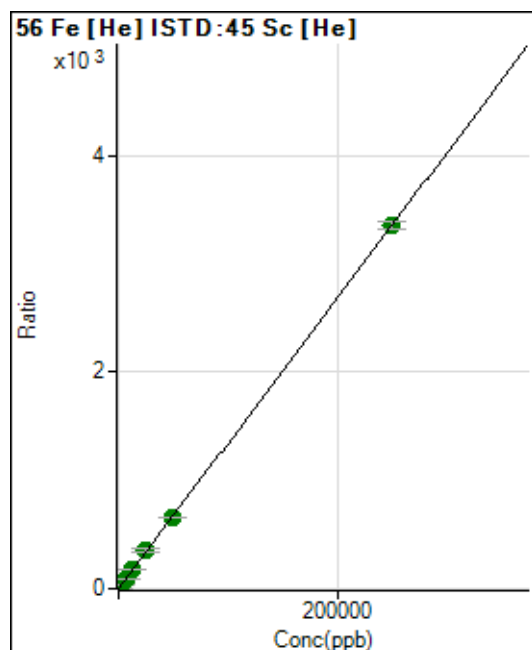
$$R = 0.9993$$

$$DL = 0.2247$$

$$BEC = 0.338$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4222.93	0.0881	P	5.5
2	☐	50.000	53.089	38325.76	0.7989	P	0.9
3	☐	2500.000	2602.961	1695732.50	34.9393	A	1.0
4	☐	6250.000	6693.345	4158980.45	89.7057	A	6.0
5	☐	12500.000	12783.110	8201334.67	171.2420	A	1.7
6	☐	25000.000	26446.521	16434799.90	354.1824	A	6.4
7	☐	50000.000	48970.777	31452698.15	655.7612	A	0.7
8	☐	250000.00	250034.92	159592257.2	3,347.822	A	2.1

$$y = 0.0134 * x + 0.0881$$

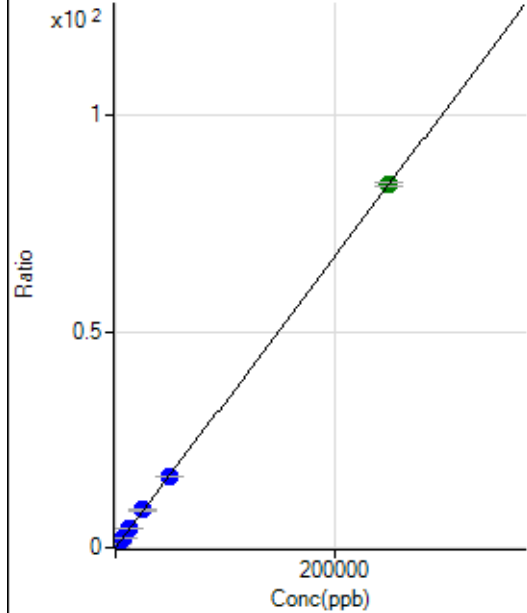
$$R = 1.0000$$

$$DL = 1.092$$

$$BEC = 6.579$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124.08	0.0026	P	26.9
2	☐	50.000	52.264	966.72	0.0202	P	9.5
3	☐	2500.000	2528.211	41343.52	0.8519	P	0.5
4	☐	6250.000	6614.244	103129.23	2.2244	P	6.0
5	☐	12500.000	12774.215	205648.70	4.2936	P	1.0
6	☐	25000.000	26099.861	406896.23	8.7699	P	6.6
7	☐	50000.000	48689.812	784587.78	16.3582	P	0.9
8	☐	250000.00	250128.95	4006157.15	84.0242	A	1.0

$$y = 3.3591\text{E-}004 * x + 0.0026$$

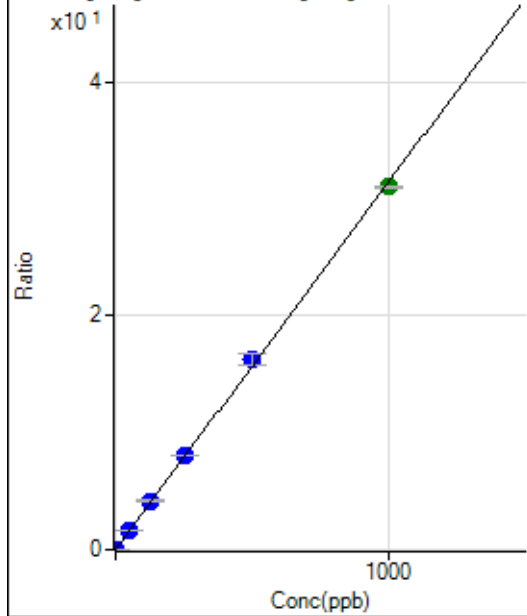
$$R = 1.0000$$

$$DL = 6.231$$

$$BEC = 7.725$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0016	P	22.4
2	☐	1.000	1.001	1582.33	0.0330	P	5.1
3	☐	50.000	51.224	78135.03	1.6099	P	0.2
4	☐	125.000	132.629	193201.47	4.1659	P	5.2
5	☐	250.000	255.529	384347.10	8.0249	P	1.3
6	☐	500.000	520.066	757824.70	16.3311	P	6.2
7	☐	1000.000	987.570	1487436.90	31.0102	A	0.9
8	☐			2802.53	0.0588	P	4.1

$$y = 0.0314 * x + 0.0016$$

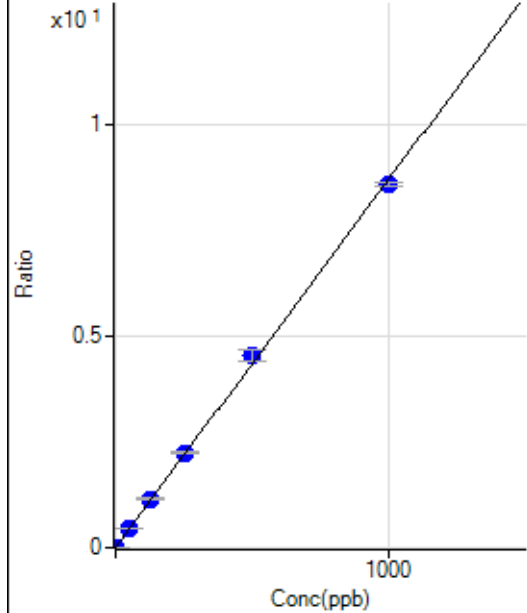
$$R = 0.9997$$

$$DL = 0.03318$$

$$BEC = 0.04941$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.33	0.0022	P	34.1
2	☐	1.000	1.215	611.13	0.0127	P	8.5
3	☐	50.000	51.427	21836.86	0.4500	P	1.4
4	☐	125.000	131.829	53318.28	1.1501	P	6.1
5	☐	250.000	257.792	107616.45	2.2469	P	1.2
6	☐	500.000	522.705	211352.38	4.5537	P	5.8
7	☐	1000.000	985.774	411810.48	8.5860	P	1.2
8	☐			7440.90	0.1561	P	2.9

$$y = 0.0087 * x + 0.0022$$

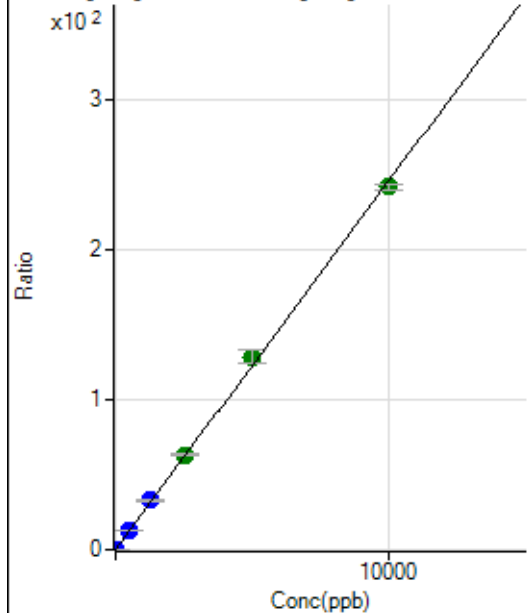
$$R = 0.9996$$

$$DL = 0.2539$$

$$BEC = 0.2482$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0046	P	5.2
2	☐	2.000	2.171	2776.97	0.0579	P	2.8
3	☐	500.000	516.997	615677.67	12.6860	P	0.2
4	☐	1250.000	1336.544	1520049.87	32.7885	P	6.1
5	☐	2500.000	2577.085	3027813.95	63.2176	A	0.9
6	☐	5000.000	5240.250	5964411.37	128.5421	A	6.4
7	☐	10000.000	9848.936	11586950.38	241.5879	A	1.6
8	☐			6007.99	0.1261	P	4.7

$$y = 0.0245 * x + 0.0046$$

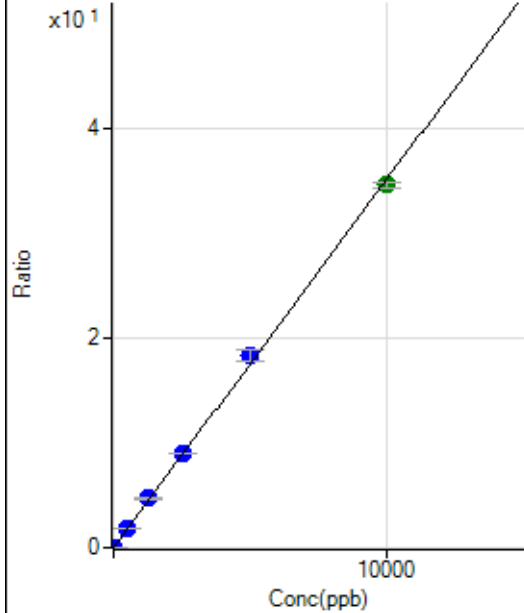
$$R = 0.9995$$

$$DL = 0.02948$$

$$BEC = 0.1889$$

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	117.78	0.0025	P	12.0
2	☐	2.000	1.883	435.55	0.0091	P	10.0
3	☐	500.000	517.101	88335.14	1.8201	P	0.6
4	☐	1250.000	1336.470	217938.48	4.7002	P	5.6
5	☐	2500.000	2558.104	430790.74	8.9943	P	0.5
6	☐	5000.000	5225.918	852680.25	18.3717	P	5.8
7	☐	10000.000	9860.851	1662526.44	34.6636	A	1.4
8	☐			8492.65	0.1781	P	0.6

$$y = 0.0035 * x + 0.0025$$

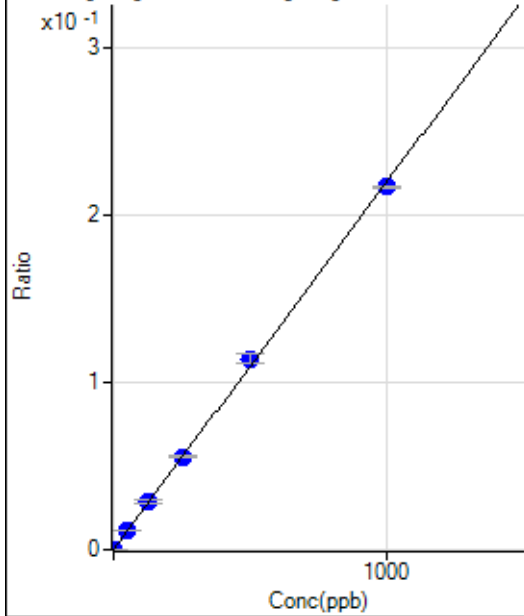
$$R = 0.9996$$

$$DL = 0.2508$$

$$BEC = 0.6993$$

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	4.00	0.0000	P	26.9
2	☐	1.000	1.107	126.34	0.0003	P	8.3
3	☐	50.000	51.241	5713.07	0.0113	P	1.6
4	☐	125.000	132.688	14112.12	0.0291	P	7.2
5	☐	250.000	253.455	27809.68	0.0557	P	1.8
6	☐	500.000	520.551	55362.12	0.1143	P	5.4
7	☐	1000.000	987.838	109365.46	0.2170	P	0.6
8	☐			62.34	0.0001	P	23.3

$$y = 2.1962E-004 * x + 7.9828E-006$$

$$R = 0.9997$$

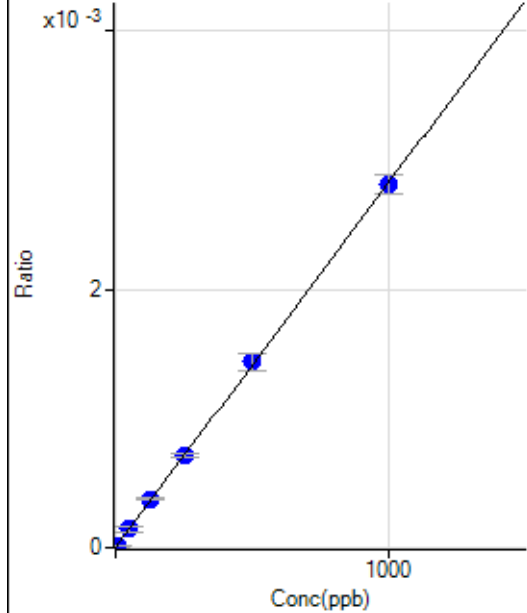
$$DL = 0.02934$$

$$BEC = 0.03635$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.708	7.78	0.0000	P	49.3
3	☐	50.000	49.755	72.22	0.0001	P	30.0
4	☐	125.000	131.397	181.12	0.0004	P	4.4
5	☐	250.000	252.412	356.67	0.0007	P	5.1
6	☐	500.000	508.354	694.47	0.0014	P	9.6
7	☐	1000.000	994.434	1414.53	0.0028	P	5.1
8	☐			0.00	0.0000	P	

$$y = 2.8193\text{E-}006 * x + 2.1733\text{E-}006$$

R = 0.9999

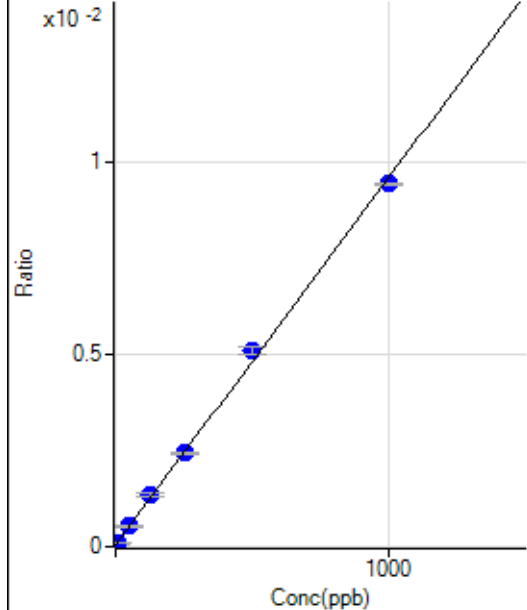
DL = 4.005

BEC = 0.7708

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	24.6
2	☐	5.000	5.221	48.34	0.0001	P	4.0
3	☐	50.000	51.149	270.70	0.0005	P	3.7
4	☐	125.000	137.024	653.75	0.0014	P	9.9
5	☐	250.000	251.110	1218.18	0.0024	P	2.2
6	☐	500.000	528.650	2462.13	0.0051	P	4.2
7	☐	1000.000	983.836	4747.29	0.0094	P	0.7
8	☐			30.67	0.0001	P	35.5

$$y = 9.5250\text{E-}006 * x + 4.6398\text{E-}005$$

R = 0.9993

DL = 3.589

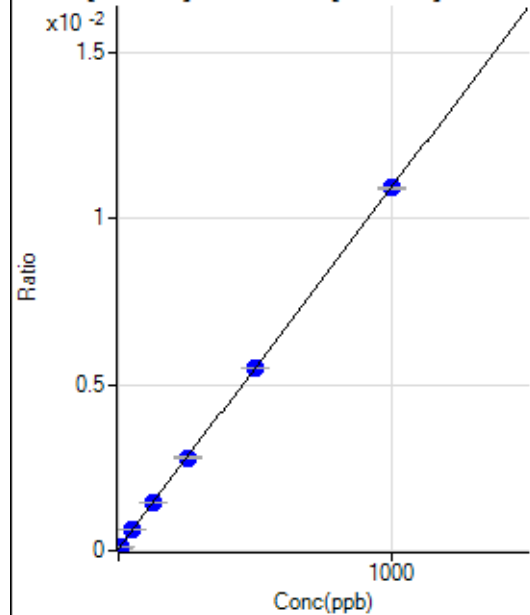
BEC = 4.871

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1778.63		P	11.8
2	☐			1845.36		P	7.9
3	☐			1448.23		P	4.2
4	☐			1511.65		P	0.7
5	☐			1498.29		P	13.4
6	☐			1461.60		P	5.5
7	☐			1504.98		P	6.3
8	☐			1665.16		P	9.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	296.05	0.0001	P	7.3
2	☐	5.000	6.384	593.42	0.0001	P	8.6
3	☐	50.000	52.097	2841.08	0.0006	P	2.7
4	☐	125.000	127.535	6689.95	0.0015	P	1.2
5	☐	250.000	251.318	12829.00	0.0028	P	1.5
6	☐	500.000	501.276	25886.89	0.0055	P	0.3
7	☐	1000.000	998.604	50525.08	0.0109	P	0.5
8	☐			312.58	0.0001	P	14.4

$$y = 1.0876E-005 * x + 6.6572E-005$$

$$R = 1.0000$$

$$DL = 1.348$$

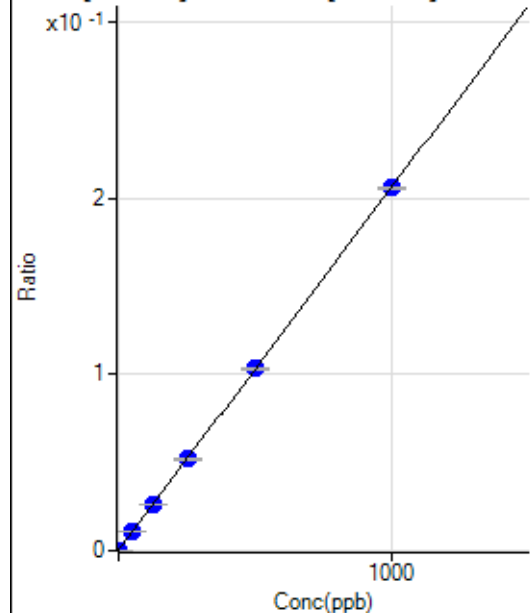
$$BEC = 6.121$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			728.92		P	9.0
2	☐			714.47		P	7.3
3	☐			736.69		P	5.2
4	☐			713.36		P	7.7
5	☐			725.58		P	4.6
6	☐			698.91		P	2.4
7	☐			695.58		P	3.4
8	☐			741.14		P	7.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1219.53	0.0003	P	10.0
2	☐	1.000	0.911	2011.31	0.0005	P	7.9
3	☐	50.000	50.763	48133.30	0.0107	P	1.8
4	☐	125.000	126.008	120653.99	0.0262	P	1.1
5	☐	250.000	252.043	239019.79	0.0522	P	1.4
6	☐	500.000	501.707	485810.62	0.1036	P	0.9
7	☐	1000.000	998.472	951736.39	0.2058	P	0.5
8	☐			3114.32	0.0007	P	0.9

$$y = 2.0589E-004 * x + 2.7433E-004$$

$$R = 1.0000$$

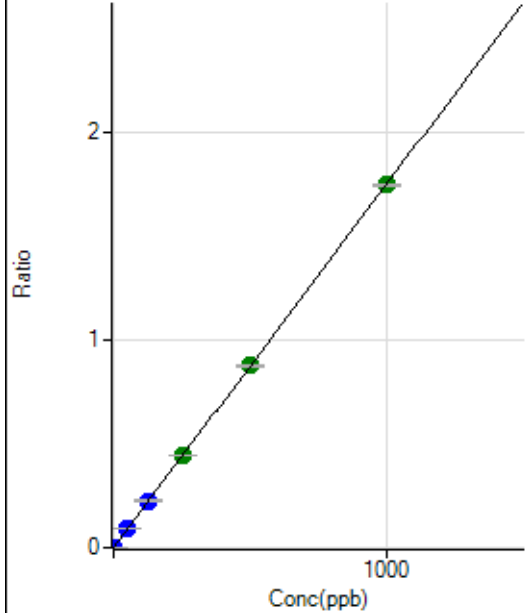
$$DL = 0.3986$$

$$BEC = 1.332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0000	P	25.7
2	☐	1.000	1.005	7838.50	0.0018	P	4.4
3	☐	50.000	52.277	410730.27	0.0915	P	0.9
4	☐	125.000	129.541	1043394.57	0.2267	P	0.8
5	☐	250.000	253.681	2034144.68	0.4440	A	0.8
6	☐	500.000	500.099	4105199.09	0.8752	A	0.5
7	☐	1000.000	998.349	8077992.28	1.7470	A	0.9
8	☐			18095.55	0.0040	P	4.2

$$y = 0.0017 * x + 4.1866E-005$$

$$R = 1.0000$$

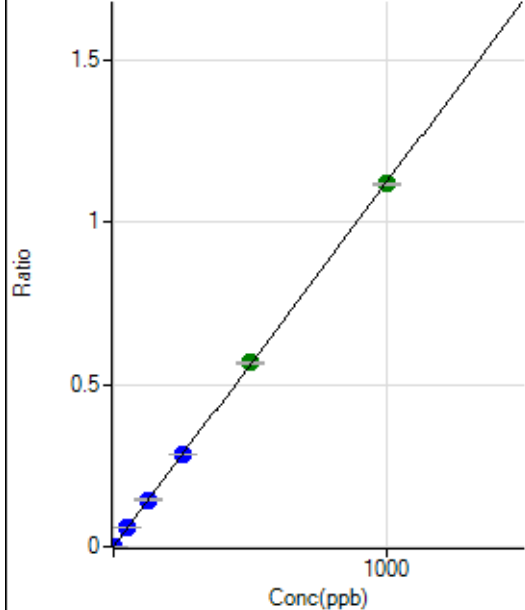
$$DL = 0.01846$$

$$BEC = 0.02392$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0000	P	37.9
2	☐	1.000	0.961	4906.56	0.0011	P	6.3
3	☐	50.000	51.885	261869.32	0.0584	P	2.1
4	☐	125.000	129.038	667581.98	0.1451	P	0.5
5	☐	250.000	254.539	1310881.94	0.2861	P	1.0
6	☐	500.000	504.298	2658417.31	0.5668	A	1.7
7	☐	1000.000	996.117	5175997.77	1.1195	A	0.7
8	☐			1591.80	0.0004	P	10.9

$$y = 0.0011 * x + 4.7304E-005$$

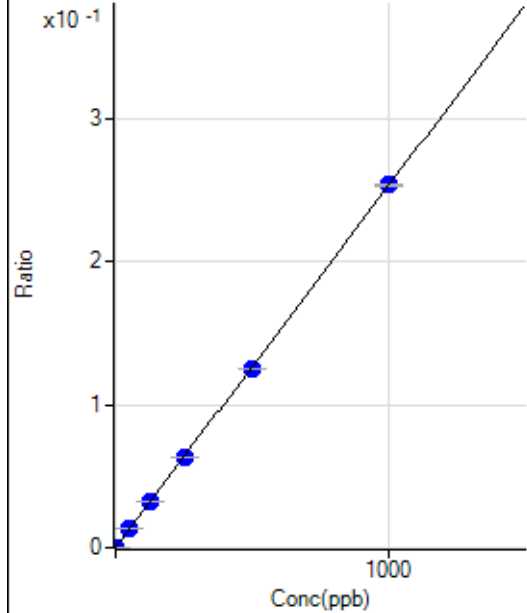
$$R = 1.0000$$

$$DL = 0.04786$$

$$BEC = 0.04209$$

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	19.44	0.0000	P	89.6
2	☐	1.000	1.008	1130.64	0.0003	P	7.7
3	☐	50.000	51.057	57951.66	0.0129	P	1.2
4	☐	125.000	126.331	147002.88	0.0319	P	0.3
5	☐	250.000	249.483	289001.13	0.0631	P	0.7
6	☐	500.000	494.388	586297.83	0.1250	P	0.4
7	☐	1000.000	1002.716	1172105.94	0.2535	P	0.8
8	☐			341.68	0.0001	P	34.0

$$y = 2.5281\text{E-}004 * x + 4.3911\text{E-}006$$

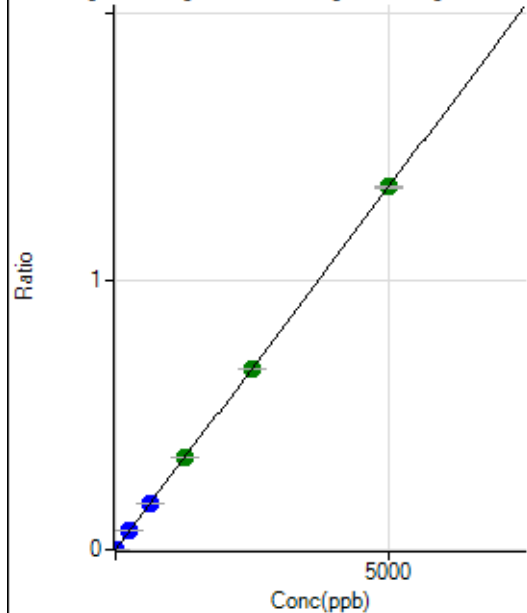
$$R = 1.0000$$

$$DL = 0.0467$$

$$BEC = 0.01737$$

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	80.56	0.0000	P	58.1
2	☐	5.000	5.579	6646.20	0.0015	P	5.2
3	☐	250.000	260.147	315697.30	0.0703	P	1.2
4	☐	625.000	641.717	798431.53	0.1735	P	0.7
5	☐	1250.000	1263.057	1564526.11	0.3415	A	0.3
6	☐	2500.000	2486.628	3153388.74	0.6722	A	0.6
7	☐	5000.000	5000.824	6250507.78	1.3519	A	0.4
8	☐			4409.15	0.0010	P	2.1

$$y = 2.7033\text{E-}004 * x + 1.8080\text{E-}005$$

$$R = 1.0000$$

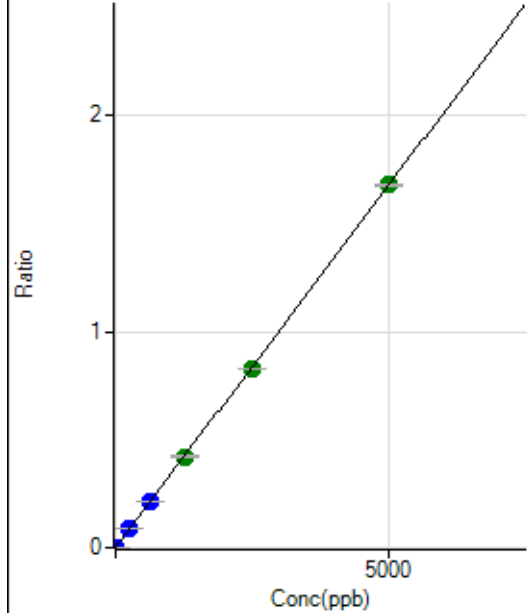
$$DL = 0.1166$$

$$BEC = 0.06688$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	49.3
2	☐	5.000	5.706	8358.29	0.0019	P	5.5
3	☐	250.000	256.653	385976.21	0.0860	P	0.5
4	☐	625.000	633.618	977027.99	0.2123	P	1.1
5	☐	1250.000	1259.448	1933555.14	0.4220	A	0.8
6	☐	2500.000	2476.130	3891750.22	0.8297	A	0.4
7	☐	5000.000	5008.162	7758300.69	1.6780	A	0.5
8	☐			6710.13	0.0015	P	2.9

$$y = 3.3506\text{E-}004 * x + 7.4672\text{E-}006$$

$$R = 1.0000$$

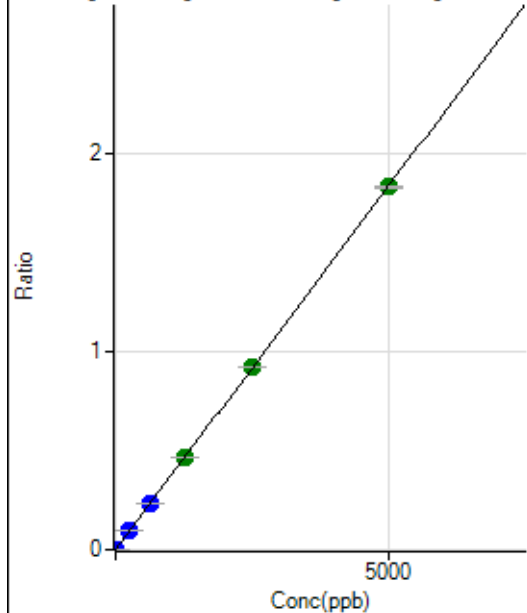
$$DL = 0.03299$$

$$BEC = 0.02229$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.4
2	☐	5.000	5.581	8983.69	0.0021	P	3.7
3	☐	250.000	259.523	427231.51	0.0952	P	0.9
4	☐	625.000	641.051	1082040.96	0.2351	P	0.7
5	☐	1250.000	1265.340	2126351.15	0.4641	A	0.2
6	☐	2500.000	2509.263	4316869.24	0.9203	A	0.6
7	☐	5000.000	4989.050	8459874.76	1.8298	A	0.5
8	☐			7596.71	0.0017	P	6.7

$$y = 3.6675\text{E-}004 * x + 1.4984\text{E-}005$$

$$R = 1.0000$$

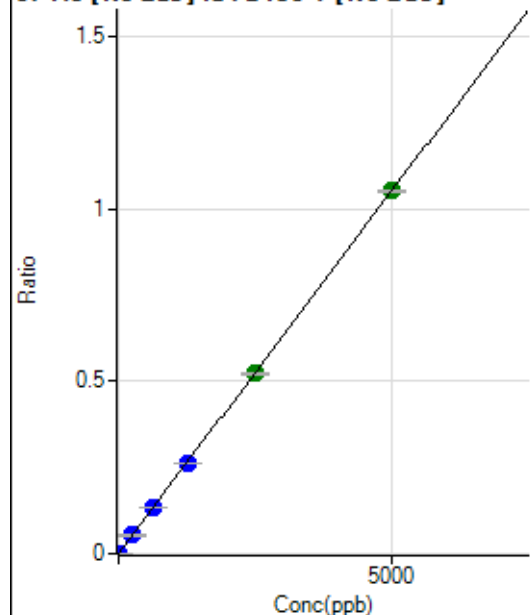
$$DL = 0.01518$$

$$BEC = 0.04086$$

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	13.89	0.0000	P	125.
2	☐	5.000	5.540	5087.18	0.0012	P	6.9
3	☐	250.000	253.453	238975.52	0.0533	P	1.2
4	☐	625.000	631.405	610499.49	0.1327	P	0.5
5	☐	1250.000	1249.337	1202629.16	0.2625	P	0.3
6	☐	2500.000	2489.184	2452987.23	0.5230	A	0.8
7	☐	5000.000	5004.600	4861496.68	1.0514	A	0.7
8	☐			3922.88	0.0009	P	4.4

$$y = 2.1009\text{E-}004 * x + 3.1521\text{E-}006$$

$$R = 1.0000$$

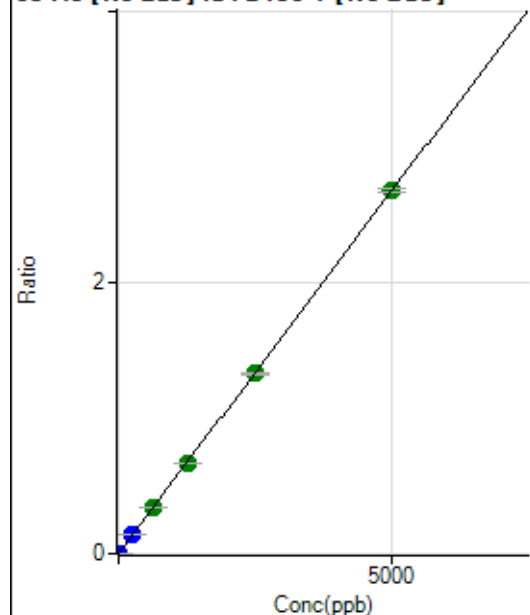
$$DL = 0.05657$$

$$BEC = 0.015$$

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	27.78	0.0000	P	76.6
2	☐	5.000	5.648	13189.93	0.0030	P	2.3
3	☐	250.000	257.822	618926.95	0.1379	P	1.1
4	☐	625.000	633.186	1558783.46	0.3387	A	1.0
5	☐	1250.000	1249.695	3062802.00	0.6685	A	0.2
6	☐	2500.000	2489.167	6245238.59	1.3315	A	1.2
7	☐	5000.000	5004.078	12374925.36	2.6767	A	1.1
8	☐			10387.46	0.0023	P	5.0

$$y = 5.3490\text{E-}004 * x + 6.2806\text{E-}006$$

$$R = 1.0000$$

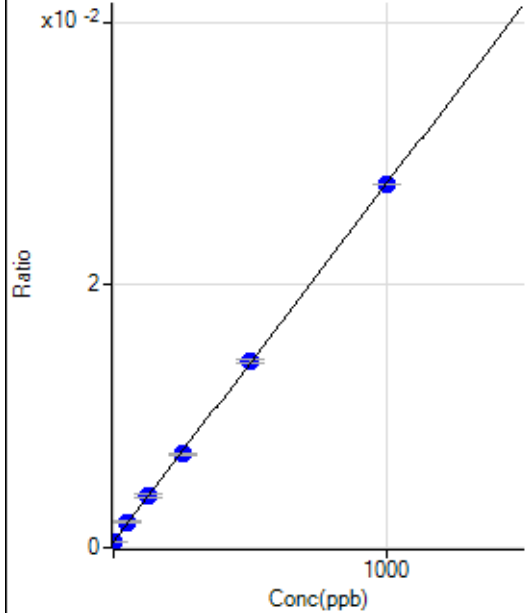
$$DL = 0.02697$$

$$BEC = 0.01174$$

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	1280.65	0.0004	P	9.5
2	☐	1.000	-0.531	1200.09	0.0004	P	9.4
3	☐	50.000	53.943	5451.24	0.0019	P	6.2
4	☐	125.000	128.006	11343.85	0.0039	P	4.6
5	☐	250.000	244.682	20880.22	0.0071	P	2.4
6	☐	500.000	506.923	42195.77	0.0143	P	2.0
7	☐	1000.000	997.296	81624.61	0.0276	P	0.1
8	☐			1275.10	0.0004	P	4.7

$$y = 2.7227\text{E-}005 * x + 4.4811\text{E-}004$$

$$R = 0.9999$$

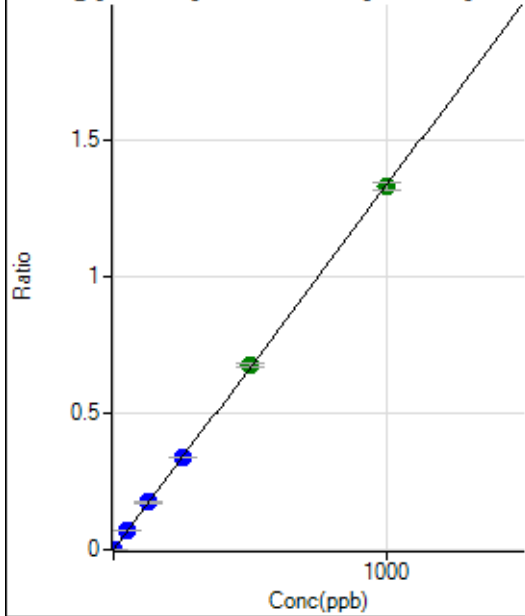
$$DL = 4.709$$

$$BEC = 16.46$$

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	41.66	0.0000	P	69.3
2	☐	1.000	0.916	3433.85	0.0012	P	5.0
3	☐	50.000	52.752	200717.71	0.0706	P	1.5
4	☐	125.000	129.487	499603.73	0.1732	P	1.2
5	☐	250.000	252.005	989929.40	0.3371	P	0.6
6	☐	500.000	506.501	2006050.74	0.6775	A	1.9
7	☐	1000.000	995.550	3937763.71	1.3316	A	2.0
8	☐			1177.86	0.0004	P	11.7

$$y = 0.0013 * x + 1.4574\text{E-}005$$

$$R = 1.0000$$

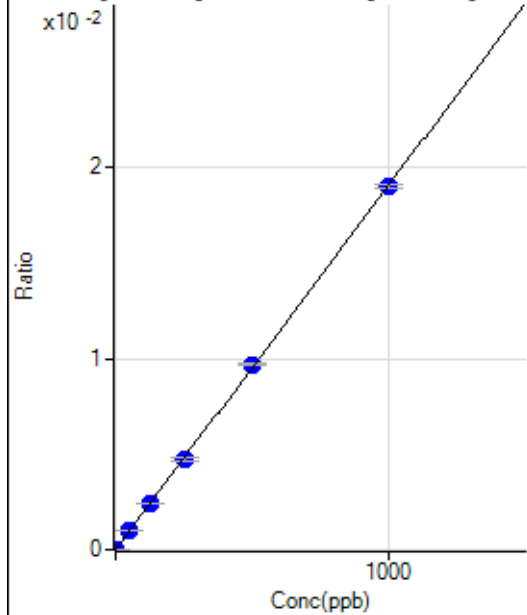
$$DL = 0.02265$$

$$BEC = 0.0109$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	21.7
2	☐	1.000	1.136	70.83	0.0000	P	40.9
3	☐	50.000	52.348	2850.34	0.0010	P	4.1
4	☐	125.000	127.792	7042.16	0.0024	P	1.7
5	☐	250.000	247.952	13900.17	0.0047	P	2.6
6	☐	500.000	507.774	28700.75	0.0097	P	1.3
7	☐	1000.000	996.158	56202.65	0.0190	P	1.0
8	☐			20.83	0.0000	P	25.6

$$y = 1.9075E-005 * x + 3.8866E-006$$

$$R = 0.9999$$

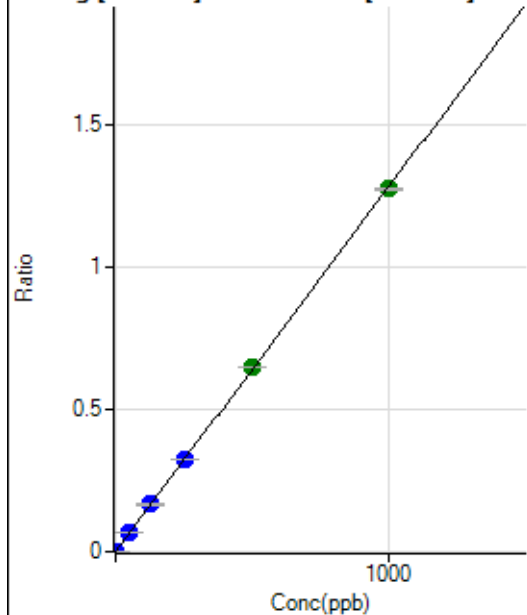
$$DL = 0.1326$$

$$BEC = 0.2038$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	88.3
2	☐	1.000	0.879	3144.90	0.0011	P	11.6
3	☐	50.000	51.829	189220.50	0.0665	P	1.6
4	☐	125.000	129.380	478959.16	0.1661	P	1.6
5	☐	250.000	252.126	950278.35	0.3236	P	0.9
6	☐	500.000	507.365	1928468.66	0.6512	A	0.3
7	☐	1000.000	995.147	3776901.78	1.2772	A	0.7
8	☐			1225.09	0.0004	P	6.9

$$y = 0.0013 * x + 8.7349E-006$$

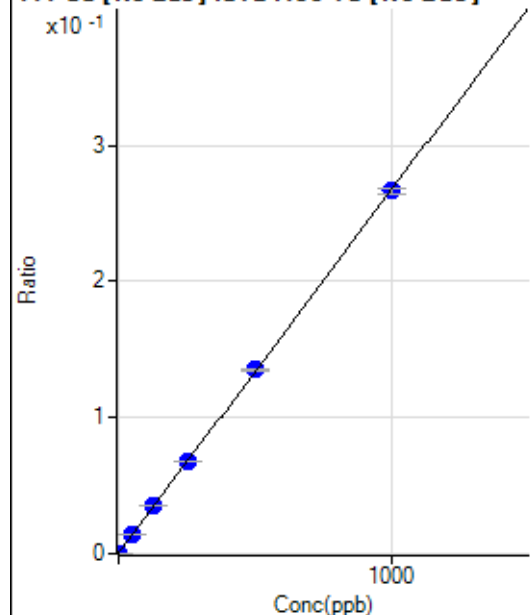
$$R = 1.0000$$

$$DL = 0.01804$$

$$BEC = 0.006806$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	898.41	0.0003	P	10.2
2	☐	1.000	0.952	1576.62	0.0006	P	7.9
3	☐	50.000	51.845	40283.98	0.0142	P	3.2
4	☐	125.000	129.419	100645.35	0.0349	P	1.1
5	☐	250.000	251.596	198338.81	0.0675	P	0.4
6	☐	500.000	504.361	399957.06	0.1351	P	1.8
7	☐	1000.000	996.776	788476.34	0.2666	P	1.3
8	☐			1084.93	0.0004	P	3.8

$$y = 2.6718\text{E-}004 * x + 3.1438\text{E-}004$$

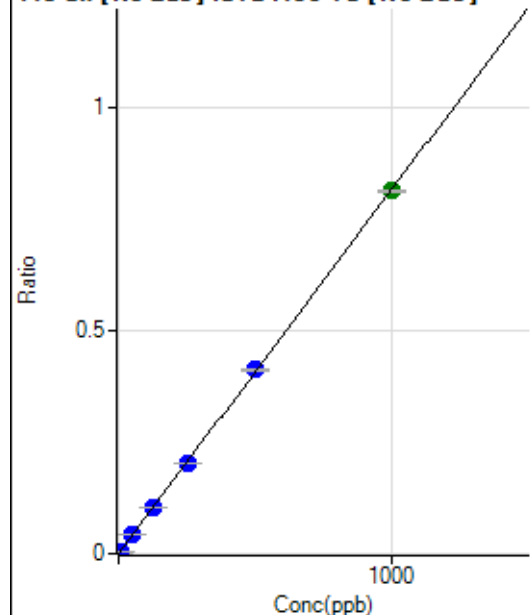
$$R = 1.0000$$

$$DL = 0.3609$$

$$BEC = 1.177$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	177.78	0.0001	P	8.6
2	☐	5.000	5.263	12072.28	0.0044	P	3.4
3	☐	50.000	51.863	120574.98	0.0424	P	1.4
4	☐	125.000	127.834	301141.49	0.1044	P	1.0
5	☐	250.000	249.770	598876.42	0.2039	P	0.5
6	☐	500.000	505.283	1221408.33	0.4125	P	1.6
7	☐	1000.000	996.967	2406541.37	0.8138	A	0.6
8	☐			2103.04	0.0007	P	5.9

$$y = 8.1621\text{E-}004 * x + 6.2147\text{E-}005$$

$$R = 1.0000$$

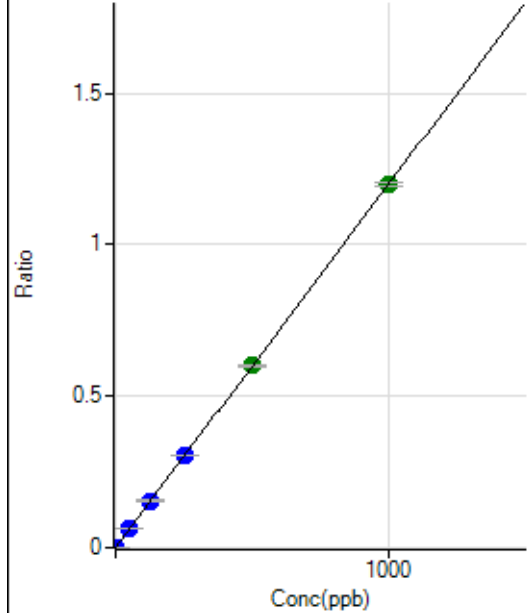
$$DL = 0.01962$$

$$BEC = 0.07614$$

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	27.78	0.0000	P	35.4
2	☐	2.000	2.049	6835.23	0.0025	P	3.6
3	☐	50.000	51.914	177126.92	0.0623	P	1.2
4	☐	125.000	128.994	446285.28	0.1547	P	1.6
5	☐	250.000	252.030	887771.43	0.3023	P	0.2
6	☐	500.000	500.724	1778534.70	0.6006	A	1.3
7	☐	1000.000	998.536	3541623.43	1.1976	A	1.2
8	☐			2761.46	0.0010	P	10.0

$$y = 0.0012 * x + 9.7427E-006$$

$$R = 1.0000$$

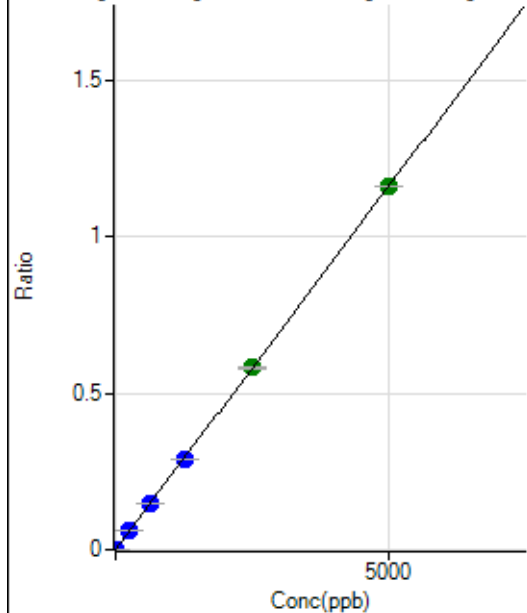
$$DL = 0.008637$$

$$BEC = 0.008123$$

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	22.22	0.0000	P	42.0
2	☐	10.000	10.156	6549.00	0.0024	P	6.4
3	☐	250.000	256.752	169531.97	0.0596	P	1.7
4	☐	625.000	640.536	428892.87	0.1487	P	1.6
5	☐	1250.000	1251.484	853208.78	0.2905	P	0.4
6	☐	2500.000	2503.205	1720682.90	0.5811	A	1.7
7	☐	5000.000	4995.746	3429500.29	1.1597	A	0.2
8	☐			6651.82	0.0023	P	4.8

$$y = 2.3214E-004 * x + 7.7495E-006$$

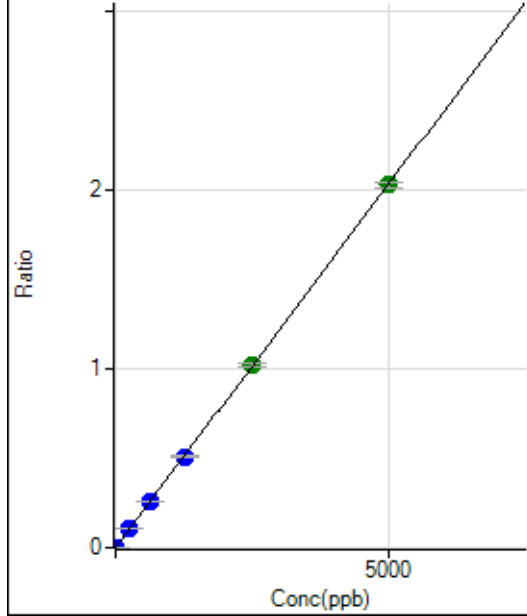
$$R = 1.0000$$

$$DL = 0.04208$$

$$BEC = 0.03338$$

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	38.89	0.0000	P	100.
2	☐	10.000	10.688	12058.44	0.0044	P	5.1
3	☐	250.000	258.715	298814.28	0.1051	P	2.2
4	☐	625.000	641.793	751779.08	0.2606	P	0.9
5	☐	1250.000	1254.082	1495572.19	0.5093	P	0.6
6	☐	2500.000	2510.958	3019299.16	1.0196	A	1.8
7	☐	5000.000	4990.964	5993202.04	2.0267	A	1.4
8	☐			12016.81	0.0042	P	8.2

$$y = 4.0607E-004 * x + 1.3705E-005$$

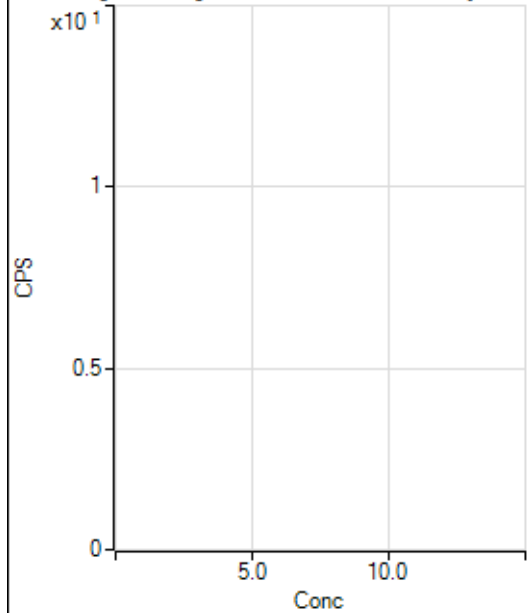
$$R = 1.0000$$

$$DL = 0.1012$$

$$BEC = 0.03375$$

Weight: <None>

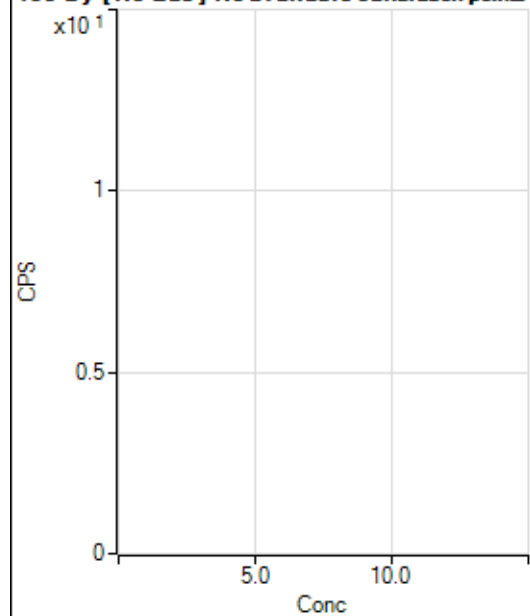
Min Conc: 0

150 Nd [No Gas] No available calibration points

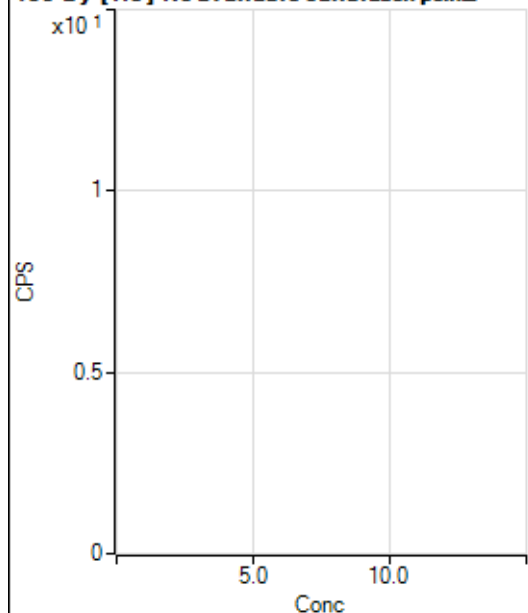
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			11.11		P	69.3
3	☐			11.11		P	34.6
4	☐			13.33		P	100.
5	☐			17.78		P	78.1
6	☐			73.34		P	39.6
7	☐			111.11		P	9.2
8	☐			57.78		P	26.6

150 Nd [He] No available calibration points

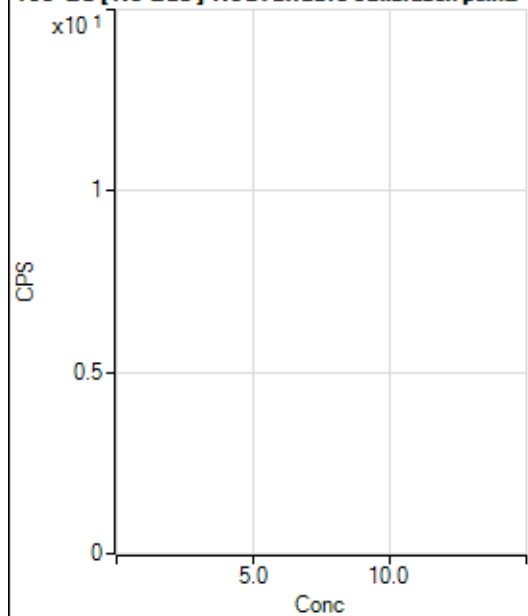
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			4.45		P	86.6
6	☐			6.67		P	0.0
7	☐			7.78		P	89.2
8	☐			12.22		P	31.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	40.0
2	☐			25.00		P	57.7
3	☐			19.44		P	99.0
4	☐			33.34		P	43.3
5	☐			30.56		P	56.8
6	☐			66.67		P	33.1
7	☐			88.89		P	42.3
8	☐			183.34		P	16.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.44		P	43.4
3	☐			3.33		P	0.0
4	☐			4.44		P	43.4
5	☐			12.22		P	87.7
6	☐			14.44		P	70.5
7	☐			26.67		P	54.5
8	☐			92.22		P	4.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐			33.33		P	25.0
3	☐			50.00		P	92.8
4	☐			44.44		P	39.0
5	☐			38.89		P	44.6
6	☐			41.67		P	60.0
7	☐			55.56		P	31.2
8	☐			194.45		P	21.1

160 Gd [He] No available calibration points

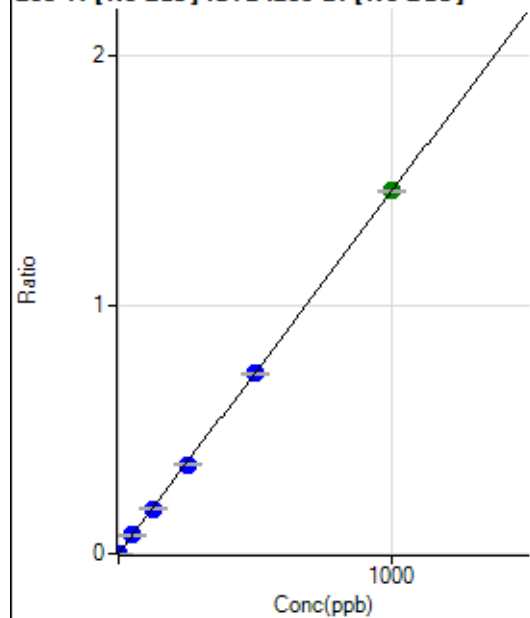
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			12.22		P	83.3
3	☐			10.00		P	88.2
4	☐			8.89		P	57.3
5	☐			14.45		P	26.7
6	☐			28.89		P	29.0
7	☐			31.11		P	16.4
8	☐			125.56		P	5.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.
2	☐			13.89		P	34.7
3	☐			8.33		P	100.
4	☐			8.33		P	100.
5	☐			13.89		P	34.7
6	☐			25.00		P	33.3
7	☐			27.78		P	62.5
8	☐			52.78		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	NaN
2	☐			5.56		P	34.7
3	☐			4.44		P	173.
4	☐			7.78		P	65.5
5	☐			5.55		P	69.3
6	☐			21.11		P	24.1
7	☐			10.00		P	57.7
8	☐			14.44		P	81.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	19.1
2	☐	1.000	1.000	2439.19	0.0015	P	1.6
3	☐	50.000	50.627	123935.06	0.0737	P	1.6
4	☐	125.000	124.733	313125.37	0.1816	P	0.9
5	☐	250.000	246.600	621547.61	0.3590	P	0.3
6	☐	500.000	498.016	1265917.60	0.7249	P	1.0
7	☐	1000.000	1001.844	2528572.08	1.4583	A	0.6
8	☐			2002.99	0.0012	P	6.3

$$y = 0.0015 * x + 4.4679E-005$$

$$R = 1.0000$$

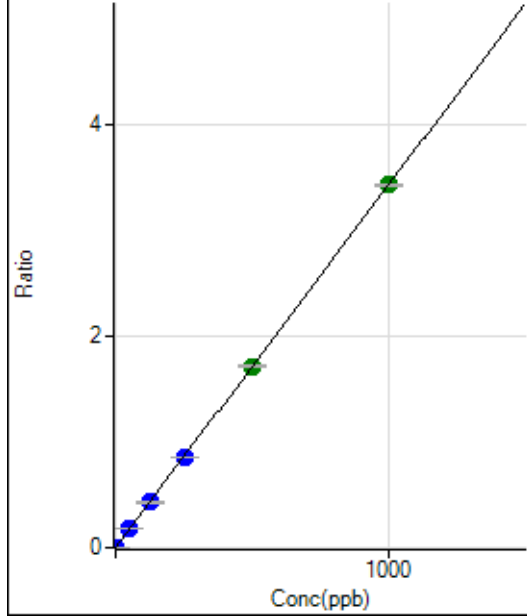
$$DL = 0.01758$$

$$BEC = 0.0307$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0001	P	36.5
2	☐	1.000	0.995	5654.18	0.0035	P	3.3
3	☐	50.000	50.694	292256.94	0.1739	P	1.3
4	☐	125.000	124.854	738185.05	0.4281	P	0.5
5	☐	250.000	247.990	1472177.83	0.8503	P	0.5
6	☐	500.000	500.245	2994866.91	1.7151	A	1.7
7	☐	1000.000	1000.364	5947107.04	3.4297	A	0.5
8	☐			4803.79	0.0030	P	6.0

$$y = 0.0034 * x + 6.7950E-005$$

$$R = 1.0000$$

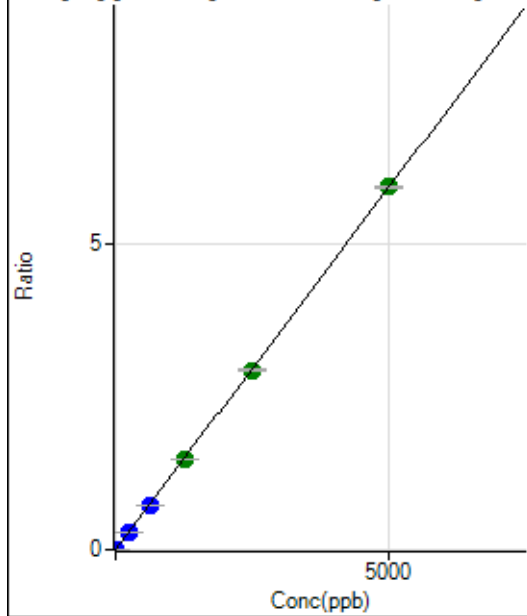
$$DL = 0.02172$$

$$BEC = 0.01982$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.93	0.0002	P	3.7
2	☐	1.000	1.007	2205.79	0.0014	P	6.5
3	☐	250.000	248.364	495313.52	0.2947	P	1.8
4	☐	625.000	611.629	1250902.60	0.7255	P	0.3
5	☐	1250.000	1240.477	2547363.31	1.4712	A	0.7
6	☐	2500.000	2480.456	5136778.99	2.9417	A	1.2
7	☐	5000.000	5013.906	10310155.67	5.9460	A	0.2
8	☐			10513.68	0.0066	P	7.5

$$y = 0.0012 * x + 1.6442E-004$$

$$R = 1.0000$$

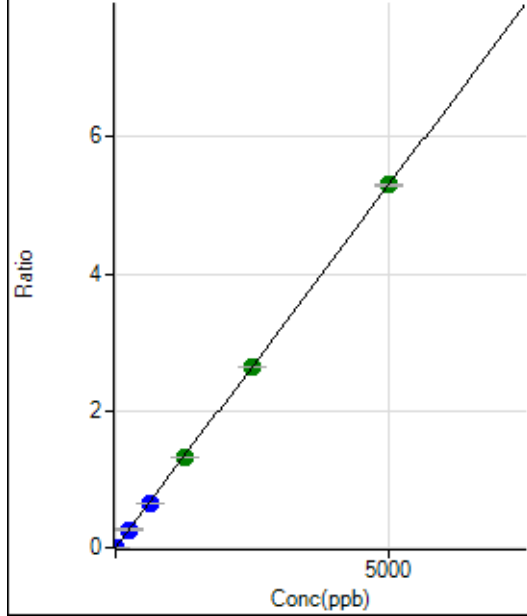
$$DL = 0.0155$$

$$BEC = 0.1387$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	209.26	0.0001	P	12.1
2	☐	1.000	1.086	2070.57	0.0013	P	7.9
3	☐	250.000	248.957	443222.46	0.2637	P	2.5
4	☐	625.000	615.901	1124503.70	0.6522	P	0.5
5	☐	1250.000	1244.713	2281660.76	1.3179	A	1.0
6	☐	2500.000	2493.647	4610534.54	2.6401	A	0.4
7	☐	5000.000	5005.687	9189045.58	5.2996	A	0.6
8	☐			9614.84	0.0060	P	6.6

$$y = 0.0011 * x + 1.2464E-004$$

$$R = 1.0000$$

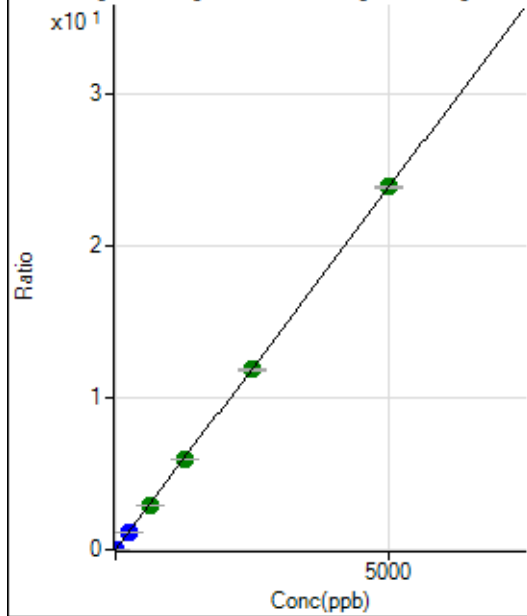
$$DL = 0.04277$$

$$BEC = 0.1177$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1075.96	0.0006	P	2.4
2	☐	1.000	1.011	8880.96	0.0055	P	5.6
3	☐	250.000	248.547	1994918.02	1.1869	P	1.9
4	☐	625.000	618.463	5090683.33	2.9524	A	0.7
5	☐	1250.000	1241.297	10258644.16	5.9251	A	0.2
6	☐	2500.000	2486.706	20726750.58	11.8691	A	0.7
7	☐	5000.000	5009.712	41459951.73	23.9108	A	0.3
8	☐			42787.42	0.0267	P	7.7

$$y = 0.0048 * x + 6.4099E-004$$

$$R = 1.0000$$

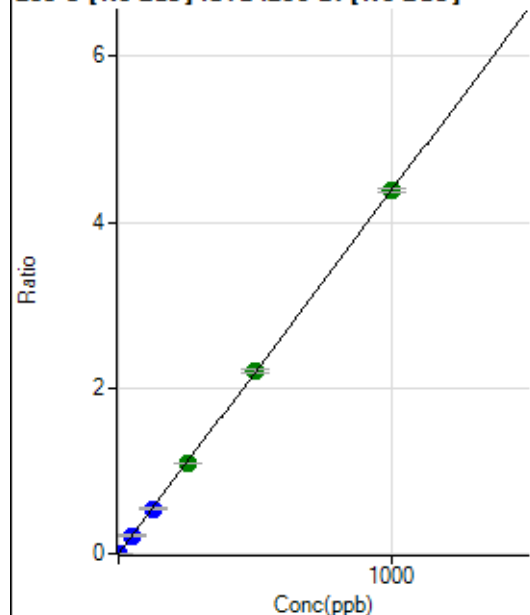
$$DL = 0.009833$$

$$BEC = 0.1343$$

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	13.89	0.0000	P	69.1
2	☐	1.000	1.020	7277.30	0.0045	P	5.5
3	☐	50.000	50.205	369887.32	0.2201	P	2.0
4	☐	125.000	124.192	938649.65	0.5444	P	0.7
5	☐	250.000	247.652	1879593.66	1.0855	A	0.8
6	☐	500.000	503.433	3853293.05	2.2067	A	1.6
7	☐	1000.000	998.961	7592905.20	4.3788	A	0.9
8	☐			1036.19	0.0006	P	10.4

$$y = 0.0044 * x + 8.2681E-006$$

$$R = 1.0000$$

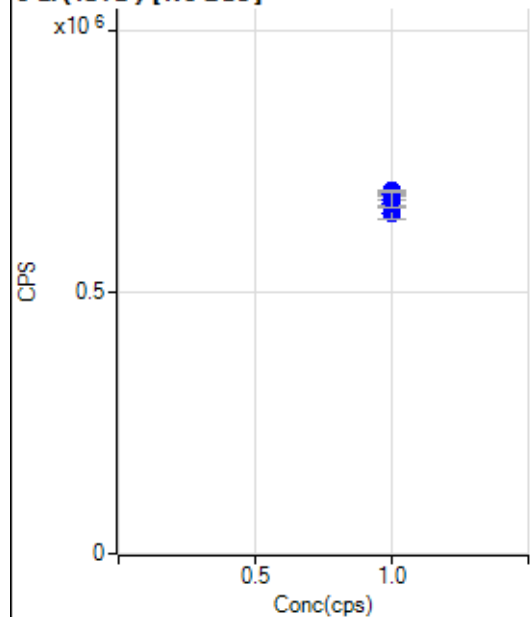
$$DL = 0.003913$$

$$BEC = 0.001886$$

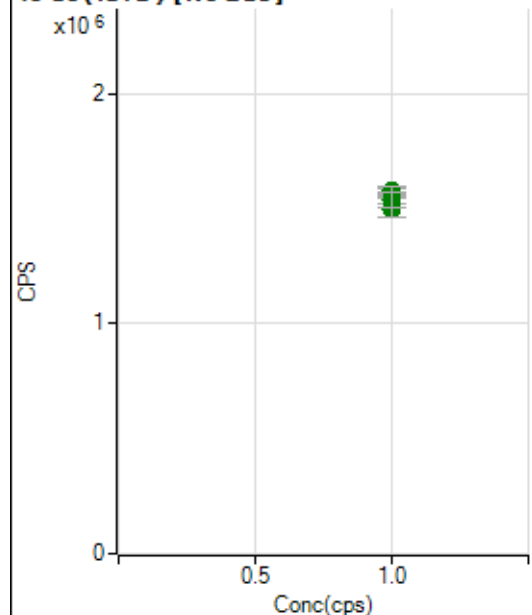
Weight: <None>

Min Conc: 0

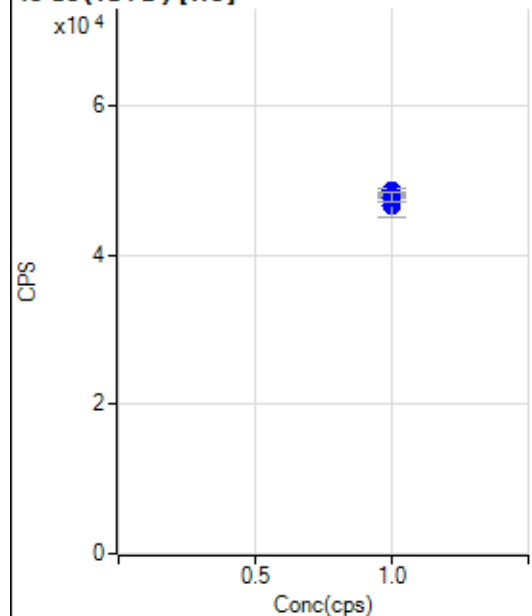
6 Li (ISTD) [No Gas]



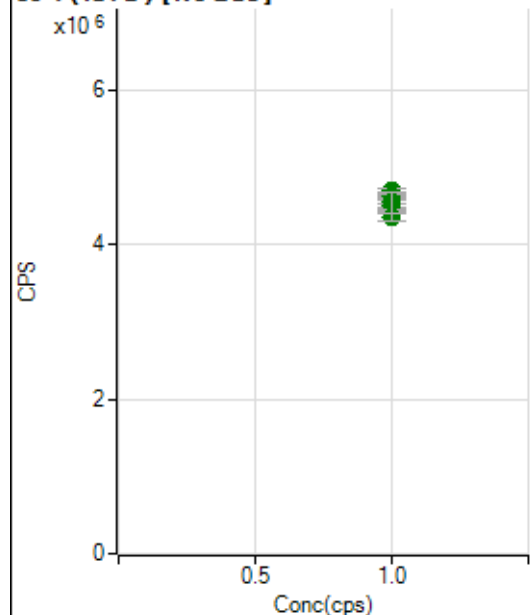
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		664041.64		P	0.7
2	☐	1.000		650931.08		P	3.4
3	☐	1.000		669012.18		P	1.5
4	☐	1.000		684435.39		P	0.1
5	☐	1.000		686489.62		P	0.4
6	☐	1.000		687811.23		P	1.0
7	☐	1.000		692612.74		P	0.6
8	☐	1.000		674710.46		P	4.1

45 Sc (ISTD) [No Gas]

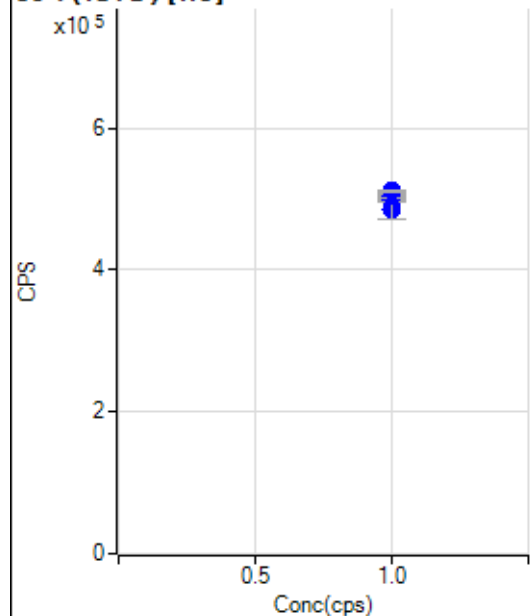
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1525481.61		A	2.6
2	☐	1.000		1493975.15		A	4.1
3	☐	1.000		1534265.03		A	1.5
4	☐	1.000		1564541.76		A	0.9
5	☐	1.000		1555880.41		A	1.0
6	☐	1.000		1573368.55		A	1.6
7	☐	1.000		1577253.15		A	2.3
8	☐	1.000		1540913.22		A	4.4

45 Sc (ISTD) [He]

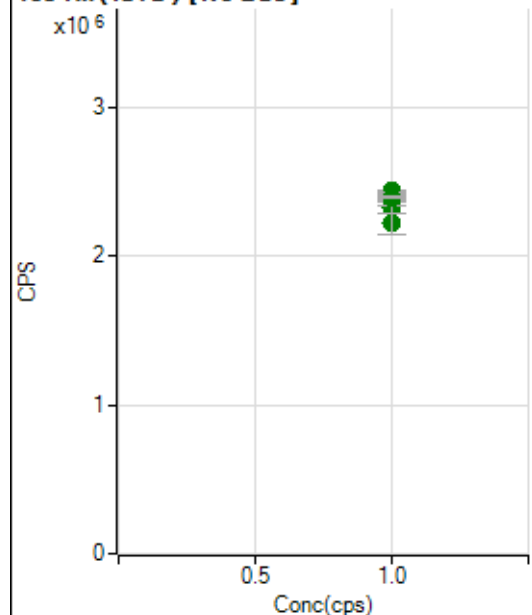
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		47965.43		P	1.7
2	☐	1.000		47975.26		P	0.7
3	☐	1.000		48532.66		P	1.0
4	☐	1.000		46467.57		P	5.7
5	☐	1.000		47897.26		P	0.8
6	☐	1.000		46527.82		P	6.4
7	☐	1.000		47965.21		P	0.8
8	☐	1.000		47685.47		P	2.3

89 Y (ISTD) [No Gas]

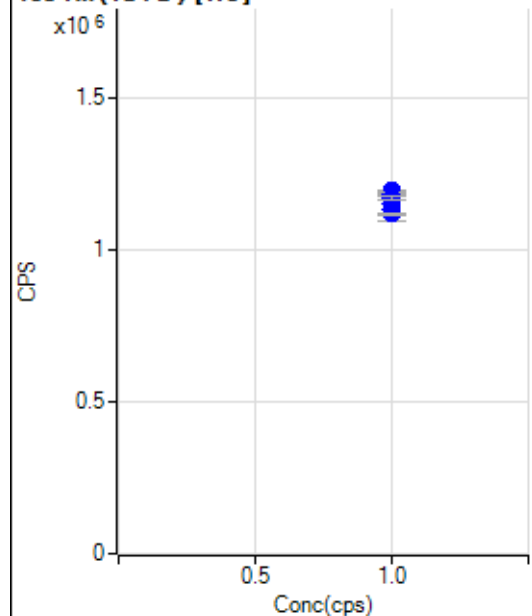
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4449161.60		A	1.2
2	☐	1.000		4358783.51		A	3.0
3	☐	1.000		4488253.44		A	1.6
4	☐	1.000		4602189.48		A	0.8
5	☐	1.000		4581845.52		A	0.2
6	☐	1.000		4690878.65		A	1.0
7	☐	1.000		4623560.98		A	0.9
8	☐	1.000		4541933.75		A	6.1

89 Y (ISTD) [He]

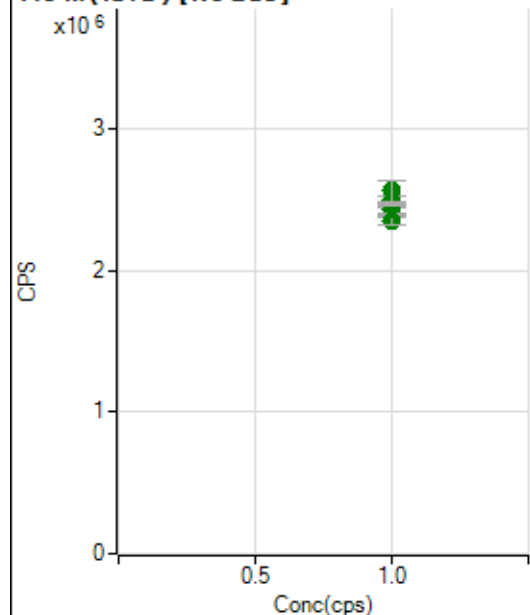
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		502689.39		P	2.2
2	☐	1.000		502850.30		P	0.4
3	☐	1.000		507326.94		P	0.4
4	☐	1.000		485500.68		P	5.8
5	☐	1.000		499611.31		P	1.4
6	☐	1.000		485318.39		P	6.2
7	☐	1.000		504087.76		P	0.7
8	☐	1.000		511422.93		P	0.6

103 Rh (ISTD) [No Gas]

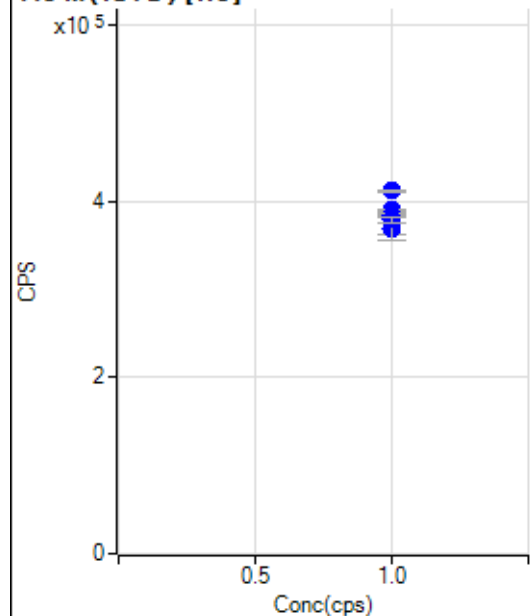
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2372720.58		A	0.9
2	☐	1.000		2320195.82		A	3.6
3	☐	1.000		2383819.69		A	3.5
4	☐	1.000		2434487.92		A	0.4
5	☐	1.000		2394455.61		A	1.2
6	☐	1.000		2427550.75		A	0.4
7	☐	1.000		2391768.26		A	0.2
8	☐	1.000		2215384.08		A	6.6

103 Rh (ISTD) [He]

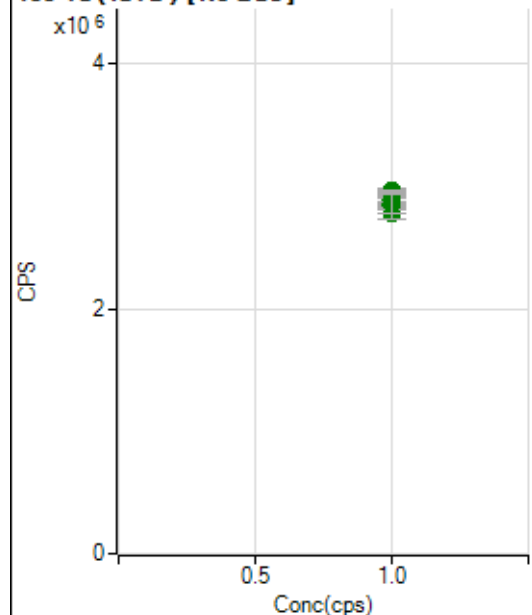
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1186619.37		P	1.9
2	☐	1.000		1186417.35		P	0.6
3	☐	1.000		1194379.96		P	0.2
4	☐	1.000		1151381.58		P	5.8
5	☐	1.000		1183842.59		P	1.2
6	☐	1.000		1131870.92		P	6.1
7	☐	1.000		1171193.54		P	1.2
8	☐	1.000		1117886.22		P	1.0

115 In (ISTD) [No Gas]

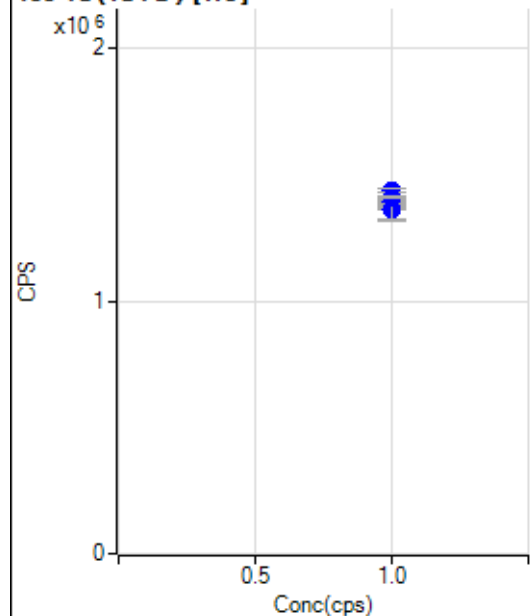
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2387977.96		A	0.3
2	☐	1.000		2355222.41		A	2.9
3	☐	1.000		2434681.02		A	2.3
4	☐	1.000		2471493.97		A	0.3
5	☐	1.000		2455929.38		A	0.9
6	☐	1.000		2503220.67		A	1.5
7	☐	1.000		2462626.35		A	0.4
8	☐	1.000		2563582.35		A	6.2

115 In (ISTD) [He]

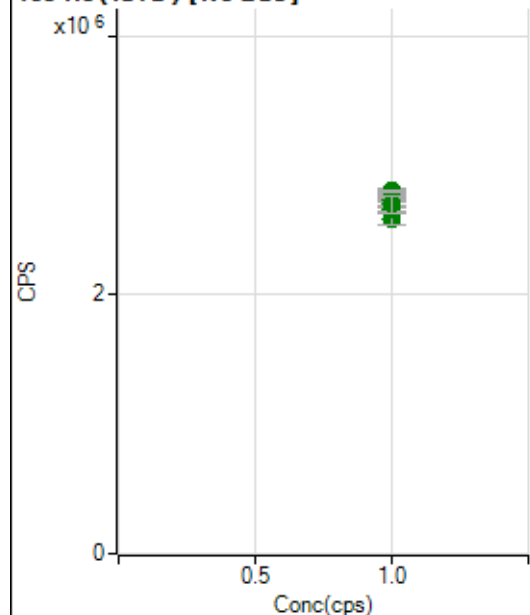
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		385558.74		P	1.7
2	☐	1.000		384696.68		P	0.5
3	☐	1.000		391318.39		P	0.3
4	☐	1.000		375052.81		P	6.3
5	☐	1.000		384761.68		P	1.0
6	☐	1.000		369533.49		P	6.6
7	☐	1.000		379895.64		P	1.5
8	☐	1.000		412379.85		P	0.6

159 Tb (ISTD) [No Gas]

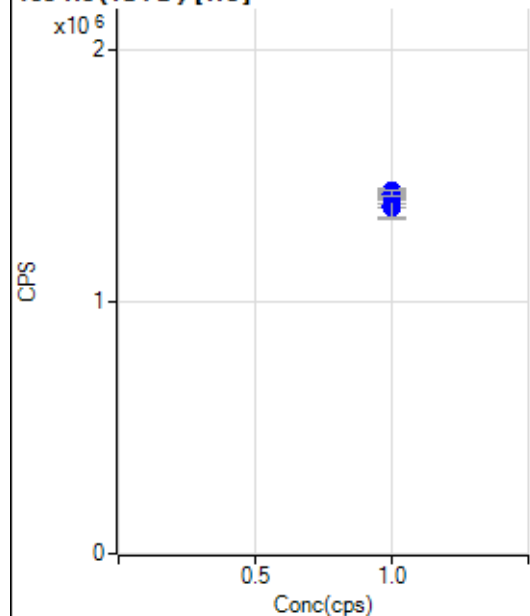
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2858733.61		A	1.3
2	☐	1.000		2772604.68		A	3.4
3	☐	1.000		2844785.03		A	2.3
4	☐	1.000		2884744.47		A	1.5
5	☐	1.000		2936772.38		A	0.7
6	☐	1.000		2961612.87		A	1.5
7	☐	1.000		2957228.25		A	0.4
8	☐	1.000		2860025.37		A	5.6

159 Tb (ISTD) [He]

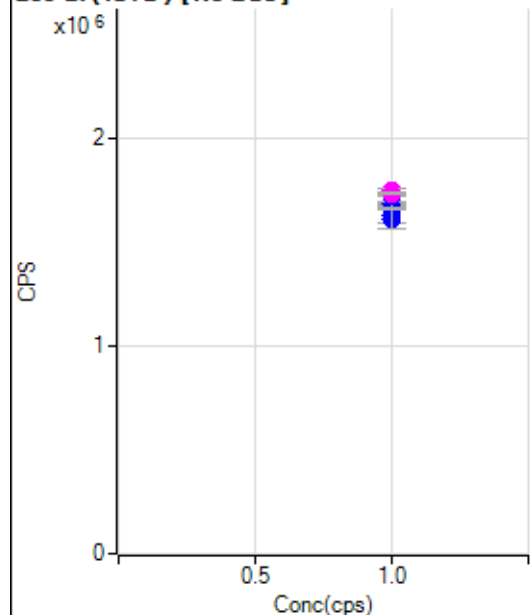
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1376273.67		P	1.9
2	☐	1.000		1374676.68		P	0.7
3	☐	1.000		1409549.67		P	0.2
4	☐	1.000		1362032.96		P	6.6
5	☐	1.000		1396018.84		P	1.4
6	☐	1.000		1362383.45		P	6.0
7	☐	1.000		1435917.48		P	0.9
8	☐	1.000		1410307.76		P	0.8

165 Ho (ISTD) [No Gas]

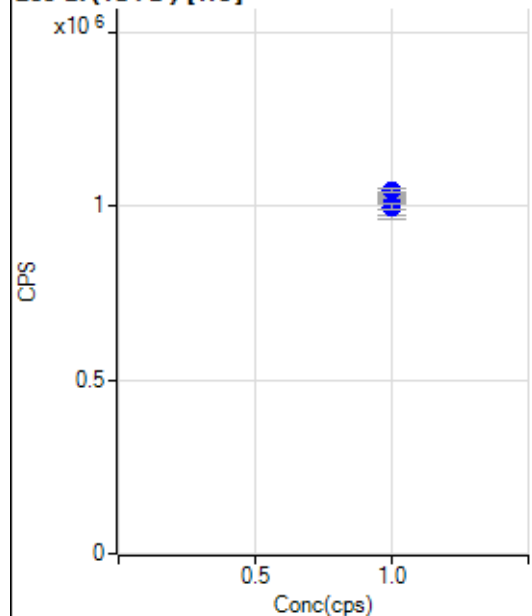
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2680179.49		A	0.4
2	☐	1.000		2589784.50		A	3.7
3	☐	1.000		2664298.86		A	1.1
4	☐	1.000		2741514.43		A	1.0
5	☐	1.000		2737508.02		A	1.0
6	☐	1.000		2800945.85		A	1.6
7	☐	1.000		2802420.31		A	0.6
8	☐	1.000		2702447.39		A	4.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1387589.34		P	1.9
2	☐	1.000		1381122.36		P	1.1
3	☐	1.000		1416532.98		P	1.0
4	☐	1.000		1374722.89		P	6.1
5	☐	1.000		1418627.93		P	1.1
6	☐	1.000		1372211.79		P	6.0
7	☐	1.000		1440275.01		P	1.2
8	☐	1.000		1429532.81		P	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1678446.69		P	0.7
2	☐	1.000		1626370.67		P	3.7
3	☐	1.000		1681113.60		P	1.7
4	☐	1.000		1724240.41		P	0.1
5	☐	1.000		1731427.98		M	1.3
6	☐	1.000		1746361.43		M	1.1
7	☐	1.000		1733969.16		M	0.8
8	☐	1.000		1608651.33		P	5.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1017415.96		P	2.1
2	☐	1.000		1015561.56		P	0.7
3	☐	1.000		1034045.92		P	0.6
4	☐	1.000		1007769.43		P	6.2
5	☐	1.000		1030795.95		P	1.3
6	☐	1.000		996975.72		P	6.6
7	☐	1.000		1044353.16		P	0.9
8	☐	1.000		998016.75		P	1.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8040120 MS.b
Acq. Date-Time 2020-04-01 11:11:25
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		3510	35099.35			0.780	5.000
24		40948	409478.30			0.689	5.000
25		5655	56554.14			0.879	5.000
26		6562	65617.02			0.152	5.000
59		26015	260150.46			0.916	5.000
113		4261	42614.02			0.835	5.000
115		12723	127234.83			1.030	5.000
206		5078	50776.33			0.691	5.000
207		4229	42294.21			0.367	5.000
208		10529	105293.43			0.317	5.000
220		0	3.20			26.146	

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

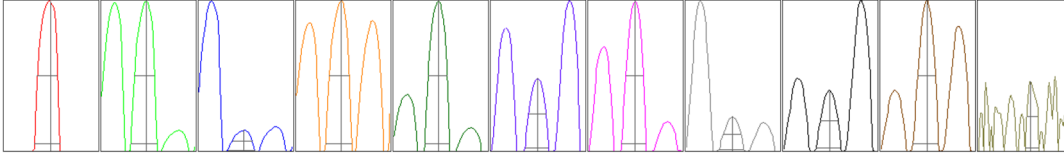
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3517	3476	3527	3489	3542
24	41227	40882	40956	40512	41162
25	5684	5651	5690	5571	5682
26	6563	6560	6572	6546	6567
59	26301	25981	25965	25668	26161
113	4323	4249	4232	4248	4254
115	12920	12708	12577	12643	12768
206	5092	5083	5059	5031	5124
207	4216	4233	4254	4217	4227
208	10533	10571	10542	10479	10522

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5713.38	9.00	8.90 - 9.10	
24	68956.94	23.95	23.90 - 24.10	
25	9335.06	24.95	24.90 - 25.10	
26	10939.60	25.95	25.90 - 26.10	
59	45176.44	58.95	58.90 - 59.10	
113	8074.49	113.00	112.90 - 113.10	
115	24010.55	115.00	114.90 - 115.10	
206	9457.22	206.00	205.90 - 206.10	
207	7840.69	207.00	206.90 - 207.10	
208	19488.17	208.00	207.90 - 208.10	
220	0.55	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.788	0.900	
24	0.64	0.830	0.900	
25	0.64	0.839	0.900	
26	0.64	0.830	0.900	
59	0.60	0.784	0.900	
113	0.55	0.739	0.900	
115	0.55	0.774	0.900	
206	0.56	0.782	0.900	
207	0.55	0.788	0.900	
208	0.55	0.810	0.900	
220	0.34	0.439		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 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	12.2 V	Deflect	14.0 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	122	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.0 mm
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EM

Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1179 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6081	60806.19			0.402	
89		14042	140421.87			0.536	
205		14556	145561.56			0.866	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6102	6109	6067	6075	6050
89	14060	14139	13943	13996	14073
205	14414	14699	14448	14558	14663

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 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	12.2 V	Deflect	4.0 V
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US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.03		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	0.0 mm		
EM					
Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1179 V

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:01:21	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	-1.26	0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.13	0.02	0.11	0.00	N/A	ppb
Boron	10-1	0.05	0.20	-0.25	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	1.43	0.24	-1.68	0.00	N/A	ppb
Cadmium	108-1	0.03	0.02	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.12	0.01	-0.12	0.00	N/A	ppb
Calcium	43-1	-6.60	5.98	0.62	0.00	N/A	ppb
Calcium	44-1	1.01	-1.53	0.51	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.06	0.08	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	1.57	1.63	-3.20	0.00	N/A	ppb
Iron	56-2	0.37	-0.36	-0.01	0.00	N/A	ppb
Iron	57-2	0.61	-2.31	1.70	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.00	0.02	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:01:21	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.79	-1.07	0.27	0.00	N/A	ppb
Manganese	55-2	0.07	-0.08	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.02	-0.01	0.02	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	-0.02	-0.08	0.09	0.00	N/A	ppb
Phosphorus	31-2	-20.24	-40.80	-3.01	-21.35		ppb
Potassium	39-2	-2.56	11.84	-9.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.77	1.54	-0.77	0.00	N/A	ppb
Selenium	78-2	1.34	-0.97	-0.37	0.00	N/A	ppb
Selenium	82-1	0.13	-0.50	0.37	0.00	N/A	ppb
Silicon	28-1	-11.87	4.95	6.92	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	-2.68	1.25	1.43	0.00	N/A	ppb
Strontium	86-1	-0.08	-0.08	0.15	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-1425.50	-469.18	425.45	-489.75		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	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	-0.04	0.08	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:01:21	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.03	-0.07	0.09	0.00	N/A	ppb
Zirconium	90-1	0.01	0.01	-0.02	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.00	0.01	0.00	N/A	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:04:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.41	22.34	26.04	24.26	7.65	ppb
Antimony	121-1	2.07	2.11	1.96	2.05	3.65	ppb
Arsenic	75-2	1.01	1.11	1.20	1.11	8.62	ppb
Barium	135-1	10.88	9.98	9.61	10.16	6.47	ppb
Barium	137-1	11.30	10.51	10.25	10.69	5.12	ppb
Beryllium	9-1	0.99	1.03	0.95	0.99	4.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	11-1	19.64	23.68	25.83	23.05	13.63	ppb
Boron	10-1	21.21	22.19	25.06	22.82	8.77	ppb
Bromine	81-1						cps
Cadmium	106-1	0.33	0.34	-2.26	-0.53		ppb
Cadmium	108-1	1.51	0.51	1.40	1.14	48.28	ppb
Cadmium	111-1	0.87	1.15	0.84	0.95	17.72	ppb
Calcium	43-1	583.79	529.06	447.23	520.03	13.22	ppb
Calcium	44-1	547.90	521.17	497.54	522.21	4.82	ppb
Chromium	52-2	2.23	1.93	1.78	1.98	11.66	ppb
Cobalt	59-2	0.95	1.05	1.00	1.00	5.34	ppb
Copper	63-2	2.10	2.22	2.20	2.17	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	57.00	58.32	55.52	56.94	2.46	ppb
Iron	56-2	53.69	52.90	52.68	53.09	0.99	ppb
Iron	57-2	48.85	58.86	49.08	52.26	10.93	ppb
Krypton	83-1						cps
Lead	207-1	1.18	0.99	1.08	1.09	8.74	ppb
Lead	208-1	1.09	0.97	0.98	1.01	6.37	ppb
Lead	206-1	1.08	1.00	0.93	1.01	7.40	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:04:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	517.37	522.21	510.16	516.58	1.17	ppb
Manganese	55-2	0.90	0.98	1.16	1.02	13.20	ppb
Molybdenum	94-1	5.91	5.38	5.44	5.58	5.24	ppb
Molybdenum	95-1	5.94	5.83	5.35	5.71	5.53	ppb
Molybdenum	96-1	5.67	5.73	5.34	5.58	3.71	ppb
Molybdenum	97-1	5.43	5.96	5.23	5.54	6.88	ppb
Molybdenum	98-1	5.76	5.68	5.51	5.65	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.08	1.25	1.21	10.22	ppb
Phosphorus	31-2	12.07	26.90	25.07	21.35	37.89	ppb
Potassium	39-2	529.44	531.39	501.37	520.73	3.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	1.59	6.28	6.26	4.71	57.40	ppb
Selenium	78-2	4.77	5.56	5.33	5.22	7.77	ppb
Selenium	82-1	5.41	7.55	6.19	6.38	16.94	ppb
Silicon	28-1	44.83	17.77	4.52	22.37	91.85	ppb
Silver	109-1	0.93	0.95	0.76	0.88	11.67	ppb
Silver	107-1	0.97	0.88	0.90	0.92	5.09	ppb
Sodium	23-2	512.07	522.46	513.85	516.13	1.08	ppb
Strontium	86-1	1.02	1.00	0.71	0.91	19.45	ppb
Strontium	88-1	1.04	1.02	0.95	1.00	4.47	ppb
Sulfur	34-1	2459.80	-287.24	-703.32	489.75	350.95	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	1.00	0.98	1.01	1.00	1.66	ppb
Thallium	205-1	1.03	0.98	0.97	1.00	3.41	ppb
Tin	118-1	5.46	5.24	5.09	5.26	3.49	ppb
Titanium	47-1	5.51	6.27	5.33	5.71	8.79	ppb
Uranium	238-1	1.03	1.07	0.96	1.02	5.51	ppb
Vanadium	51-2	5.38	5.28	5.09	5.25	2.83	ppb
Yttrium	89-1				98		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:04:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	1.59	2.08	1.98	1.88	13.74	ppb
Zirconium	90-1	1.00	0.99	0.89	0.96	6.59	ppb
Zirconium	91-1	0.98	0.95	1.10	1.01	7.81	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 12:07:34 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	979.62	1024.08	1020.08	1007.93	2.44	ppb
Antimony	121-1	51.42	52.63	51.69	51.91	1.22	ppb
Arsenic	75-2	52.09	50.44	51.20	51.24	1.61	ppb
Barium	135-1	253.73	261.77	254.76	256.75	1.70	ppb
Barium	137-1	253.74	264.80	257.61	258.72	2.17	ppb
Beryllium	9-1	50.69	52.36	52.66	51.91	2.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	44.37	52.74	54.76	50.62	10.89	ppb
Boron	10-1	45.23	51.51	59.10	51.95	13.37	ppb
Bromine	81-1						cps
Cadmium	106-1	48.93	56.14	56.76	53.94	8.07	ppb
Cadmium	108-1	53.07	54.05	49.92	52.35	4.12	ppb
Cadmium	111-1	50.26	53.60	51.67	51.85	3.24	ppb
Calcium	43-1	5237.83	5187.05	5295.21	5240.03	1.03	ppb
Calcium	44-1	5232.78	5336.46	5308.89	5292.71	1.01	ppb
Chromium	52-2	50.28	51.16	51.68	51.04	1.39	ppb
Cobalt	59-2	51.31	51.24	51.13	51.22	0.18	ppb
Copper	63-2	516.20	516.70	518.09	517.00	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2592.60	2636.18	2631.81	2620.20	0.92	ppb
Iron	56-2	2628.08	2576.05	2604.74	2602.96	1.00	ppb
Iron	57-2	2527.49	2541.19	2515.95	2528.21	0.50	ppb
Krypton	83-1						cps
Lead	207-1	241.95	253.64	251.29	248.96	2.48	ppb
Lead	208-1	244.23	253.57	247.84	248.55	1.89	ppb
Lead	206-1	244.98	253.47	246.64	248.36	1.81	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:07:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	5336.67	5358.78	5338.23	5344.56	0.23	ppb
Manganese	55-2	500.81	504.99	507.51	504.44	0.67	ppb
Molybdenum	94-1	256.44	261.85	262.16	260.15	1.24	ppb
Molybdenum	95-1	255.94	258.26	255.76	256.65	0.54	ppb
Molybdenum	96-1	256.77	261.15	260.66	259.52	0.92	ppb
Molybdenum	97-1	250.55	256.50	253.31	253.45	1.18	ppb
Molybdenum	98-1	254.92	260.56	257.99	257.82	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.26	50.80	52.22	51.43	1.40	ppb
Phosphorus	31-2	1056.47	946.32	1064.58	1022.46	6.46	ppb
Potassium	39-2	2716.29	2610.53	2627.36	2651.39	2.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	43.53	38.70	67.04	49.76	30.47	ppb
Selenium	78-2	53.52	49.57	50.36	51.15	4.09	ppb
Selenium	82-1	50.59	53.78	51.92	52.10	3.07	ppb
Silicon	28-1	69.83	83.95	84.82	79.53	10.58	ppb
Silver	109-1	50.95	52.61	51.93	51.83	1.61	ppb
Silver	107-1	52.26	53.65	52.34	52.75	1.48	ppb
Sodium	23-2	5230.93	5192.30	5282.71	5235.31	0.87	ppb
Strontium	86-1	49.68	51.44	51.17	50.76	1.87	ppb
Strontium	88-1	51.85	52.75	52.23	52.28	0.87	ppb
Sulfur	34-1	-47.03	1231.50	1641.91	942.13	93.50	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	50.37	51.54	49.97	50.63	1.61	ppb
Thallium	205-1	50.09	51.40	50.59	50.69	1.30	ppb
Tin	118-1	51.57	52.69	51.33	51.86	1.39	ppb
Titanium	47-1	253.07	259.37	262.49	258.31	1.86	ppb
Uranium	238-1	49.38	51.35	49.88	50.21	2.04	ppb
Vanadium	51-2	49.40	50.13	51.01	50.18	1.61	ppb
Yttrium	89-1				101		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:07:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	520.67	514.02	516.61	517.10	0.65	ppb
Zirconium	90-1	50.64	52.73	52.29	51.88	2.13	ppb
Zirconium	91-1	50.46	51.05	51.66	51.06	1.17	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 12:10:41 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2534.95	2519.70	2809.95	2621.53	6.23	ppb
Antimony	121-1	128.53	127.19	131.26	128.99	1.61	ppb
Arsenic	75-2	127.19	127.08	143.79	132.69	7.25	ppb
Barium	135-1	629.59	641.88	650.14	640.54	1.61	ppb
Barium	137-1	636.02	642.03	647.33	641.79	0.88	ppb
Beryllium	9-1	126.43	128.32	128.53	127.76	0.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	106.51	124.54	134.64	121.90	11.69	ppb
Boron	10-1	107.90	129.34	134.17	123.80	11.30	ppb
Bromine	81-1						cps
Cadmium	106-1	128.77	121.03	134.22	128.01	5.18	ppb
Cadmium	108-1	126.83	126.22	130.32	127.79	1.73	ppb
Cadmium	111-1	128.22	129.02	131.02	129.42	1.11	ppb
Calcium	43-1	12920.64	13004.34	12951.56	12958.85	0.33	ppb
Calcium	44-1	12688.93	12639.95	12761.83	12696.90	0.48	ppb
Chromium	52-2	131.39	126.54	142.68	133.54	6.20	ppb
Cobalt	59-2	129.91	127.54	140.44	132.63	5.18	ppb
Copper	63-2	1304.92	1274.93	1429.78	1336.54	6.14	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				102		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	6615.44	6464.77	7199.47	6759.89	5.74	ppb
Iron	56-2	6581.51	6361.92	7136.60	6693.34	5.97	ppb
Iron	57-2	6437.31	6337.82	7067.61	6614.24	5.98	ppb
Krypton	83-1						cps
Lead	207-1	619.56	613.27	614.88	615.90	0.53	ppb
Lead	208-1	622.47	613.98	618.95	618.46	0.69	ppb
Lead	206-1	613.41	610.22	611.26	611.63	0.27	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:10:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	13505.89	13231.69	15075.81	13937.80	7.14	ppb
Manganese	55-2	1270.42	1260.68	1401.43	1310.84	6.00	ppb
Molybdenum	94-1	640.57	646.64	637.95	641.72	0.69	ppb
Molybdenum	95-1	628.01	641.33	631.52	633.62	1.09	ppb
Molybdenum	96-1	639.99	646.14	637.02	641.05	0.73	ppb
Molybdenum	97-1	633.92	632.54	627.76	631.40	0.51	ppb
Molybdenum	98-1	630.73	628.27	640.56	633.19	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.39	125.27	140.83	131.83	6.12	ppb
Phosphorus	31-2	2453.57	2810.73	2805.66	2689.99	7.61	ppb
Potassium	39-2	6751.85	6495.55	7503.95	6917.12	7.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	129.16	137.95	127.08	131.40	4.39	ppb
Selenium	78-2	126.46	131.69	152.93	137.02	10.23	ppb
Selenium	82-1	128.98	127.88	125.74	127.53	1.29	ppb
Silicon	28-1	181.54	180.89	181.86	181.43	0.27	ppb
Silver	109-1	127.62	128.85	131.66	129.38	1.60	ppb
Silver	107-1	127.89	129.56	131.01	129.49	1.20	ppb
Sodium	23-2	13259.93	12843.80	14886.14	13663.29	7.90	ppb
Strontium	86-1	125.36	127.62	125.04	126.01	1.12	ppb
Strontium	88-1	128.47	130.42	129.73	129.54	0.76	ppb
Sulfur	34-1	1591.13	1132.82	602.23	1108.73	44.64	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	125.80	124.84	123.56	124.73	0.90	ppb
Thallium	205-1	124.79	124.30	125.47	124.85	0.47	ppb
Tin	118-1	126.52	127.86	129.12	127.83	1.02	ppb
Titanium	47-1	646.74	638.67	640.42	641.94	0.66	ppb
Uranium	238-1	124.01	125.18	123.38	124.19	0.74	ppb
Vanadium	51-2	128.76	125.98	140.85	131.86	6.00	ppb
Yttrium	89-1				103		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:10:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1309.52	1278.31	1421.58	1336.47	5.64	ppb
Zirconium	90-1	128.56	129.77	128.78	129.04	0.50	ppb
Zirconium	91-1	126.65	126.44	125.90	126.33	0.31	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:13:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5124.89	4988.27	4931.67	5014.94	1.98	ppb
Antimony	121-1	251.95	252.50	251.65	252.03	0.17	ppb
Arsenic	75-2	258.82	251.07	250.48	253.46	1.84	ppb
Barium	135-1	1246.79	1256.09	1251.58	1251.48	0.37	ppb
Barium	137-1	1249.28	1250.60	1262.36	1254.08	0.57	ppb
Beryllium	9-1	252.43	250.77	252.25	251.82	0.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	215.99	245.64	272.30	244.64	11.51	ppb
Boron	10-1	214.78	250.00	271.43	245.40	11.65	ppb
Bromine	81-1						cps
Cadmium	106-1	250.95	244.60	238.49	244.68	2.55	ppb
Cadmium	108-1	248.65	241.08	254.13	247.95	2.64	ppb
Cadmium	111-1	252.26	252.23	250.29	251.60	0.45	ppb
Calcium	43-1	25748.12	25406.95	25418.06	25524.37	0.76	ppb
Calcium	44-1	25737.44	24471.37	24686.30	24965.04	2.71	ppb
Chromium	52-2	256.56	257.58	251.46	255.20	1.29	ppb
Cobalt	59-2	258.64	255.90	252.05	255.53	1.29	ppb
Copper	63-2	2596.91	2583.26	2551.08	2577.08	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	13097.01	13165.90	12881.51	13048.14	1.14	ppb
Iron	56-2	12955.32	12852.28	12541.73	12783.11	1.68	ppb
Iron	57-2	12698.25	12916.35	12708.05	12774.22	0.96	ppb
Krypton	83-1						cps
Lead	207-1	1259.25	1234.70	1240.19	1244.71	1.04	ppb
Lead	208-1	1244.33	1239.13	1240.43	1241.30	0.22	ppb
Lead	206-1	1231.52	1241.65	1248.26	1240.48	0.68	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:13:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	27243.66	27213.57	25990.96	26816.07	2.67	ppb
Manganese	55-2	2526.04	2551.13	2481.16	2519.44	1.41	ppb
Molybdenum	94-1	1258.59	1265.50	1265.09	1263.06	0.31	ppb
Molybdenum	95-1	1271.23	1254.77	1252.34	1259.45	0.82	ppb
Molybdenum	96-1	1266.20	1262.98	1266.84	1265.34	0.16	ppb
Molybdenum	97-1	1254.26	1245.97	1247.78	1249.34	0.35	ppb
Molybdenum	98-1	1251.81	1249.89	1247.39	1249.70	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.14	258.83	254.41	257.79	1.17	ppb
Phosphorus	31-2	5040.51	5246.48	4665.70	4984.23	5.91	ppb
Potassium	39-2	13443.64	13499.76	13066.77	13336.72	1.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	241.75	248.85	266.64	252.41	5.08	ppb
Selenium	78-2	247.62	248.10	257.62	251.11	2.25	ppb
Selenium	82-1	254.80	251.87	247.28	251.32	1.51	ppb
Silicon	28-1	269.86	269.31	266.26	268.48	0.72	ppb
Silver	109-1	252.95	249.57	253.85	252.13	0.90	ppb
Silver	107-1	253.15	252.44	250.43	252.00	0.56	ppb
Sodium	23-2	26261.34	26901.93	26044.14	26402.47	1.69	ppb
Strontium	86-1	248.55	252.15	255.43	252.04	1.37	ppb
Strontium	88-1	253.64	251.55	255.85	253.68	0.85	ppb
Sulfur	34-1	4608.05	3801.77	4286.00	4231.94	9.59	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	247.43	246.04	246.33	246.60	0.30	ppb
Thallium	205-1	247.52	247.08	249.37	247.99	0.49	ppb
Tin	118-1	251.08	248.95	249.28	249.77	0.46	ppb
Titanium	47-1	1283.52	1269.88	1265.59	1272.99	0.74	ppb
Uranium	238-1	248.60	249.06	245.29	247.65	0.83	ppb
Vanadium	51-2	252.58	255.10	250.87	252.85	0.84	ppb
Yttrium	89-1				103		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:13:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2571.14	2557.63	2545.53	2558.10	0.50	ppb
Zirconium	90-1	256.39	255.48	251.75	254.54	0.97	ppb
Zirconium	91-1	247.53	251.19	249.73	249.48	0.74	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:16:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9797.55	9920.12	10906.08	10207.92	5.95	ppb
Antimony	121-1	493.85	501.24	507.08	500.72	1.32	ppb
Arsenic	75-2	502.58	505.83	553.25	520.55	5.45	ppb
Barium	135-1	2484.53	2473.19	2551.90	2503.21	1.70	ppb
Barium	137-1	2478.23	2490.64	2564.00	2510.96	1.85	ppb
Beryllium	9-1	504.98	505.88	506.12	505.66	0.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	11-1	445.17	491.74	550.29	495.73	10.63	ppb
Boron	10-1	432.91	493.76	551.78	492.82	12.06	ppb
Bromine	81-1						cps
Cadmium	106-1	501.30	500.58	518.90	506.92	2.05	ppb
Cadmium	108-1	506.41	515.14	501.78	507.77	1.34	ppb
Cadmium	111-1	500.48	498.03	514.58	504.36	1.77	ppb
Calcium	43-1	51635.35	52031.81	51581.69	51749.62	0.48	ppb
Calcium	44-1	50506.74	50604.99	49744.51	50285.41	0.94	ppb
Chromium	52-2	503.68	499.13	553.93	518.91	5.86	ppb
Cobalt	59-2	503.02	499.68	557.51	520.07	6.24	ppb
Copper	63-2	5069.67	5023.64	5627.45	5240.25	6.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	25879.67	25714.04	28613.68	26735.80	6.09	ppb
Iron	56-2	25377.45	25570.28	28391.83	26446.52	6.38	ppb
Iron	57-2	25066.52	25139.96	28093.11	26099.86	6.62	ppb
Krypton	83-1						cps
Lead	207-1	2483.49	2497.99	2499.45	2493.65	0.35	ppb
Lead	208-1	2480.52	2474.15	2505.45	2486.71	0.67	ppb
Lead	206-1	2463.66	2462.95	2514.76	2480.46	1.20	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:16:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	53139.28	51820.28	58772.36	54577.31	6.77	ppb
Manganese	55-2	5090.59	5119.29	5666.23	5292.03	6.13	ppb
Molybdenum	94-1	2487.32	2470.32	2502.25	2486.63	0.64	ppb
Molybdenum	95-1	2486.90	2469.69	2471.80	2476.13	0.38	ppb
Molybdenum	96-1	2518.38	2517.92	2491.49	2509.26	0.61	ppb
Molybdenum	97-1	2512.75	2477.92	2476.89	2489.18	0.82	ppb
Molybdenum	98-1	2516.36	2495.84	2455.30	2489.17	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.06	506.24	557.82	522.71	5.82	ppb
Phosphorus	31-2	9770.54	10171.32	11608.54	10516.80	9.19	ppb
Potassium	39-2	25769.56	26080.61	29030.21	26960.12	6.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	516.74	455.68	552.64	508.35	9.64	ppb
Selenium	78-2	520.55	511.47	553.93	528.65	4.23	ppb
Selenium	82-1	499.74	503.14	500.95	501.28	0.34	ppb
Silicon	28-1	524.64	539.45	518.52	527.54	2.04	ppb
Silver	109-1	508.04	505.73	508.33	507.37	0.28	ppb
Silver	107-1	505.99	497.05	516.47	506.50	1.92	ppb
Sodium	23-2	51597.04	51377.83	57357.46	53444.11	6.34	ppb
Strontium	86-1	506.31	501.62	497.19	501.71	0.91	ppb
Strontium	88-1	501.57	501.27	497.45	500.10	0.46	ppb
Sulfur	34-1	8805.76	10784.04	8661.11	9416.97	12.60	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	494.39	496.29	503.37	498.02	0.95	ppb
Thallium	205-1	496.98	494.05	509.70	500.25	1.66	ppb
Tin	118-1	504.21	497.71	513.93	505.28	1.62	ppb
Titanium	47-1	2514.68	2596.37	2542.56	2551.21	1.63	ppb
Uranium	238-1	496.57	501.69	512.04	503.43	1.57	ppb
Vanadium	51-2	500.58	506.66	563.36	523.53	6.61	ppb
Yttrium	89-1				105		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:16:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	5079.21	5024.12	5574.42	5225.92	5.80	ppb
Zirconium	90-1	514.18	498.93	499.79	504.30	1.70	ppb
Zirconium	91-1	496.39	493.95	492.82	494.39	0.37	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 12:19:43 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19374.79	19461.43	19167.89	19334.70	0.78	ppb
Antimony	121-1	987.74	997.08	1010.79	998.54	1.16	ppb
Arsenic	75-2	981.02	991.16	991.33	987.84	0.60	ppb
Barium	135-1	5002.53	4998.33	4986.38	4995.75	0.17	ppb
Barium	137-1	4966.79	4938.22	5067.88	4990.96	1.37	ppb
Beryllium	9-1	998.92	1000.56	989.35	996.28	0.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	894.40	1018.59	1098.65	1003.88	10.25	ppb
Boron	10-1	898.66	1025.02	1090.86	1004.85	9.72	ppb
Bromine	81-1						cps
Cadmium	106-1	998.34	997.51	996.04	997.30	0.12	ppb
Cadmium	108-1	991.47	989.43	1007.57	996.16	1.00	ppb
Cadmium	111-1	984.31	996.37	1009.65	996.78	1.27	ppb
Calcium	43-1	101548.19	102721.91	100506.70	101592.27	1.09	ppb
Calcium	44-1	98274.90	100076.60	98774.53	99042.01	0.94	ppb
Chromium	52-2	982.51	997.23	984.63	988.12	0.81	ppb
Cobalt	59-2	978.02	989.99	994.70	987.57	0.87	ppb
Copper	63-2	9775.22	10029.39	9742.19	9848.94	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	51398.56	50627.42	49960.99	50662.32	1.42	ppb
Iron	56-2	48774.02	49384.32	48753.99	48970.78	0.73	ppb
Iron	57-2	48596.40	49143.85	48329.20	48689.81	0.85	ppb
Krypton	83-1						cps
Lead	207-1	5030.43	5013.34	4973.28	5005.69	0.59	ppb
Lead	208-1	5019.97	5017.53	4991.64	5009.71	0.31	ppb
Lead	206-1	5017.70	5020.67	5003.35	5013.91	0.18	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:19:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	101456.51	101373.62	101500.86	101443.66	0.06	ppb
Manganese	55-2	9885.48	9928.07	9710.33	9841.29	1.17	ppb
Molybdenum	94-1	5006.63	5015.64	4980.20	5000.82	0.37	ppb
Molybdenum	95-1	5037.64	5001.85	4984.99	5008.16	0.54	ppb
Molybdenum	96-1	5012.68	4967.86	4986.61	4989.05	0.45	ppb
Molybdenum	97-1	4970.44	5004.20	5039.17	5004.60	0.69	ppb
Molybdenum	98-1	5067.32	4984.55	4960.37	5004.08	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	978.44	999.06	979.82	985.77	1.17	ppb
Phosphorus	31-2	19608.84	19570.25	19982.92	19720.67	1.16	ppb
Potassium	39-2	51125.22	51118.73	49806.92	50683.62	1.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	938.14	1038.17	1006.99	994.43	5.15	ppb
Selenium	78-2	975.92	990.53	985.06	983.84	0.75	ppb
Selenium	82-1	992.86	1000.91	1002.04	998.60	0.50	ppb
Silicon	28-1	974.37	1005.27	939.23	972.96	3.40	ppb
Silver	109-1	992.11	990.65	1002.68	995.15	0.66	ppb
Silver	107-1	973.04	1005.23	1008.39	995.55	1.96	ppb
Sodium	23-2	100720.16	102249.95	100790.61	101253.57	0.85	ppb
Strontium	86-1	1000.55	1002.09	992.78	998.47	0.50	ppb
Strontium	88-1	991.84	994.92	1008.28	998.35	0.88	ppb
Sulfur	34-1	21008.30	22123.80	18848.90	20660.33	8.06	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1003.99	1006.64	994.90	1001.84	0.61	ppb
Thallium	205-1	1002.60	994.45	1004.04	1000.36	0.52	ppb
Tin	118-1	994.34	992.39	1004.17	996.97	0.63	ppb
Titanium	47-1	5019.60	5014.78	4863.97	4966.11	1.78	ppb
Uranium	238-1	998.13	990.25	1008.51	998.96	0.92	ppb
Vanadium	51-2	981.83	996.71	981.42	986.65	0.88	ppb
Yttrium	89-1				104		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:19:43	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	9916.12	9961.64	9704.79	9860.85	1.39	ppb
Zirconium	90-1	1001.17	988.73	998.45	996.12	0.66	ppb
Zirconium	91-1	1001.01	996.02	1011.12	1002.72	0.77	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:22:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101782.63	100252.34	98290.23	100108.40	1.75	ppb
Antimony	121-1	0.82	0.71	0.87	0.80	10.07	ppb
Arsenic	75-2	0.38	0.55	0.63	0.52	24.89	ppb
Barium	135-1	9.68	9.78	10.55	10.00	4.77	ppb
Barium	137-1	10.21	9.57	11.25	10.34	8.19	ppb
Beryllium	9-1	0.30	0.24	0.23	0.26	15.93	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	11-1	168.24	144.56	139.87	150.89	10.08	ppb
Boron	10-1	171.33	147.94	142.08	153.78	10.06	ppb
Bromine	81-1						cps
Cadmium	106-1	0.80	-0.59	-0.47	-0.09		ppb
Cadmium	108-1	0.17	0.09	0.29	0.18	54.34	ppb
Cadmium	111-1	0.30	0.24	0.19	0.24	22.53	ppb
Calcium	43-1	489295.42	490576.63	518527.38	499466.47	3.31	ppb
Calcium	44-1	485021.26	491856.76	523592.78	500156.93	4.12	ppb
Chromium	52-2	26.97	26.24	26.38	26.53	1.47	ppb
Cobalt	59-2	1.88	1.73	1.86	1.82	4.21	ppb
Copper	63-2	5.16	5.00	4.69	4.95	4.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	254397.05	247387.14	247173.60	249652.60	1.65	ppb
Iron	56-2	255811.57	248289.85	246003.34	250034.92	2.05	ppb
Iron	57-2	252117.15	251006.37	247263.34	250128.95	1.02	ppb
Krypton	83-1						cps
Lead	207-1	5.33	5.32	5.97	5.54	6.75	ppb
Lead	208-1	5.25	5.17	5.95	5.46	7.85	ppb
Lead	206-1	5.21	5.09	5.86	5.39	7.70	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:22:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	508878.13	496842.40	491649.45	499123.33	1.77	ppb
Manganese	55-2	10.07	9.66	9.48	9.74	3.13	ppb
Molybdenum	94-1	3.44	3.57	3.57	3.53	2.18	ppb
Molybdenum	95-1	4.32	4.32	4.54	4.39	2.91	ppb
Molybdenum	96-1	4.22	4.53	4.84	4.53	6.76	ppb
Molybdenum	97-1	3.90	4.13	4.27	4.10	4.46	ppb
Molybdenum	98-1	4.21	4.10	4.51	4.27	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.20	17.68	17.15	17.68	2.97	ppb
Phosphorus	31-2	75.46	140.50	-16.35	66.54	118.44	ppb
Potassium	39-2	256711.92	247450.49	244659.17	249607.19	2.53	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	-0.77	-0.77	-0.77	-0.77		ppb
Selenium	78-2	4.02	0.05	0.23	1.43	156.37	ppb
Selenium	82-1	-0.06	-0.48	1.27	0.24	374.80	ppb
Silicon	28-1	78.15	90.47	132.89	100.50	28.57	ppb
Silver	109-1	0.33	0.35	0.30	0.33	7.05	ppb
Silver	107-1	0.28	0.28	0.34	0.30	12.15	ppb
Sodium	23-2	508553.30	490683.34	498673.26	499303.30	1.79	ppb
Strontium	86-1	2.01	2.01	1.96	2.00	1.49	ppb
Strontium	88-1	2.15	2.28	2.33	2.26	4.20	ppb
Sulfur	34-1	-3113.54	-2811.25	450.91	-1824.63		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.78	0.81	0.89	0.83	6.56	ppb
Thallium	205-1	0.91	0.81	0.83	0.85	6.19	ppb
Tin	118-1	0.79	0.80	0.89	0.83	6.40	ppb
Titanium	47-1	0.47	23.59	0.80	8.28	160.01	ppb
Uranium	238-1	0.16	0.15	0.13	0.14	10.54	ppb
Vanadium	51-2	0.42	0.37	0.45	0.41	9.33	ppb
Yttrium	89-1				102		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:22:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	50.28	49.65	49.98	49.97	0.63	ppb
Zirconium	90-1	0.25	0.25	0.31	0.27	12.62	ppb
Zirconium	91-1	0.20	0.26	0.40	0.28	36.07	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:50:42	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	538.83	528.76	577.03	548.20	4.65	ppb
Antimony	121-1	194.59	197.86	194.57	195.67	0.97	ppb
Arsenic	75-2	202.45	200.20	223.26	208.64	6.09	ppb
Barium	135-1	99.04	100.75	103.27	101.02	2.11	ppb
Barium	137-1	102.49	101.41	100.98	101.63	0.76	ppb
Beryllium	9-1	97.78	97.52	98.57	97.96	0.56	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	11-1	306.08	381.40	444.98	377.49	18.42	ppb
Boron	10-1	301.76	379.10	438.82	373.23	18.41	ppb
Bromine	81-1						cps
Cadmium	106-1	144.45	144.79	141.74	143.66	1.17	ppb
Cadmium	108-1	130.76	129.42	132.63	130.94	1.23	ppb
Cadmium	111-1	101.56	104.23	101.70	102.50	1.47	ppb
Calcium	43-1	2085.76	2056.25	2090.61	2077.54	0.90	ppb
Calcium	44-1	2039.70	1994.33	1993.01	2009.01	1.32	ppb
Chromium	52-2	98.28	98.11	108.72	101.70	5.98	ppb
Cobalt	59-2	100.99	99.25	110.02	103.42	5.59	ppb
Copper	63-2	102.46	101.69	112.81	105.66	5.88	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				102		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	2006.41	1991.87	2194.03	2064.10	5.46	ppb
Iron	56-2	1929.70	1905.23	2140.44	1991.79	6.49	ppb
Iron	57-2	1921.20	1938.47	2122.66	1994.11	5.60	ppb
Krypton	83-1						cps
Lead	207-1	191.03	197.27	194.59	194.30	1.61	ppb
Lead	208-1	199.32	203.41	201.10	201.28	1.02	ppb
Lead	206-1	205.64	209.20	209.82	208.22	1.08	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:50:42	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1206.97	1206.71	1334.94	1249.54	5.92	ppb
Manganese	55-2	98.20	94.96	106.59	99.92	6.01	ppb
Molybdenum	94-1	2427.33	2389.28	2410.55	2409.05	0.79	ppb
Molybdenum	95-1	2428.75	2434.24	2361.38	2408.12	1.69	ppb
Molybdenum	96-1	2454.81	2428.16	2399.85	2427.61	1.13	ppb
Molybdenum	97-1	2413.40	2421.32	2389.21	2407.98	0.69	ppb
Molybdenum	98-1	2438.10	2409.80	2379.62	2409.17	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.17	100.64	111.60	104.14	6.21	ppb
Phosphorus	31-2	6.52	28.01	109.29	47.94	113.07	ppb
Potassium	39-2	2055.53	1921.13	2230.22	2068.96	7.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	178.69	195.49	233.59	202.59	13.88	ppb
Selenium	78-2	218.70	207.73	227.66	218.03	4.58	ppb
Selenium	82-1	211.78	204.23	202.35	206.12	2.42	ppb
Silicon	28-1	476.56	460.60	471.82	469.66	1.74	ppb
Silver	109-1	48.06	48.53	47.42	48.00	1.16	ppb
Silver	107-1	48.54	48.79	48.35	48.56	0.46	ppb
Sodium	23-2	2077.26	2022.68	2282.39	2127.44	6.44	ppb
Strontium	86-1	480.81	486.33	474.81	480.65	1.20	ppb
Strontium	88-1	487.63	488.61	482.85	486.36	0.63	ppb
Sulfur	34-1	91.05	-795.90	-1356.17	-687.00		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	203.11	207.46	203.77	204.78	1.15	ppb
Thallium	205-1	205.02	207.58	206.16	206.25	0.62	ppb
Tin	118-1	482.07	487.83	483.50	484.47	0.62	ppb
Titanium	47-1	2468.05	2407.47	2429.97	2435.16	1.26	ppb
Uranium	238-1	518.05	527.34	524.22	523.21	0.90	ppb
Vanadium	51-2	97.59	96.89	106.75	100.41	5.48	ppb
Yttrium	89-1				101		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:50:42	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	193.80	190.95	212.07	198.94	5.76	ppb
Zirconium	90-1	474.19	477.51	473.31	475.00	0.47	ppb
Zirconium	91-1	480.46	471.10	467.46	473.01	1.42	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:02:21	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	4.75	2.50	2.56	84.49	ppb
Antimony	121-1	-0.01	0.02	0.01	0.01	148.53	ppb
Arsenic	75-2	0.05	-0.02	0.04	0.02	152.62	ppb
Barium	135-1	0.02	0.00	0.02	0.01	58.46	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	20.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	10.86	10.58	10.98	10.81	1.89	ppb
Boron	10-1	10.11	10.27	11.35	10.58	6.40	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.36	-4.85	-3.35	-3.85		ppb
Cadmium	108-1	-0.13	-0.13	-0.20	-0.15		ppb
Cadmium	111-1	-0.24	-0.34	-0.24	-0.27		ppb
Calcium	43-1	0.45	-5.45	-1.39	-2.13		ppb
Calcium	44-1	-50.73	-43.22	-39.58	-44.51		ppb
Chromium	52-2	-0.06	0.04	0.04	0.01	1154.40	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.14	0.19	0.17	0.17	13.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	-2.10	1.75	-1.86	-0.73		ppb
Iron	56-2	-1.25	-0.95	-1.16	-1.12		ppb
Iron	57-2	4.12	0.26	2.37	2.25	86.09	ppb
Krypton	83-1						cps
Lead	207-1	0.08	0.03	0.12	0.08	57.21	ppb
Lead	208-1	0.09	0.10	0.09	0.09	7.65	ppb
Lead	206-1	0.05	0.11	0.09	0.08	35.48	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:02:21	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	-0.27	0.80	0.40	0.31	176.79	ppb
Manganese	55-2	-0.03	-0.13	-0.13	-0.09		ppb
Molybdenum	94-1	-0.01	0.00	0.05	0.01	266.77	ppb
Molybdenum	95-1	0.06	0.00	0.01	0.02	151.33	ppb
Molybdenum	96-1	0.04	0.00	0.05	0.03	89.24	ppb
Molybdenum	97-1	0.04	0.00	0.03	0.02	79.07	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	42.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.03	-0.06	-0.03		ppb
Phosphorus	31-2	-68.60	13.09	-21.97	-25.82		ppb
Potassium	39-2	-20.77	11.89	17.46	2.86	721.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	1.61	-0.77	1.70	0.85	165.50	ppb
Selenium	78-2	0.01	-0.48	1.05	0.19	409.58	ppb
Selenium	82-1	0.61	-1.69	-0.75	-0.61		ppb
Silicon	28-1	-22.45	-20.00	-11.60	-18.01		ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-3.14	20.51	11.22	9.53	125.09	ppb
Strontium	86-1	-0.22	-0.17	-0.20	-0.20		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00	574.52	ppb
Sulfur	34-1	-895.98	-1274.13	-383.38	-851.16		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.02	0.01	0.02	0.02	20.26	ppb
Tin	118-1	-0.03	-0.01	0.05	0.00	855.13	ppb
Titanium	47-1	-0.11	-0.23	0.05	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.02	0.01	111.70	ppb
Yttrium	89-1				101		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:02:21	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.16	-0.01	-0.28	-0.15		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	443.90	ppb
Zirconium	91-1	0.00	0.03	0.06	0.03	83.85	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:05:23 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90139.61	89337.98	89422.37	89633.32	0.49	ppb
Antimony	121-1	1.07	1.20	1.14	1.14	5.85	ppb
Arsenic	75-2	0.40	0.35	0.48	0.41	16.19	ppb
Barium	135-1	1.23	1.45	1.64	1.44	14.11	ppb
Barium	137-1	1.35	1.46	1.34	1.38	4.57	ppb
Beryllium	9-1	0.33	0.26	0.34	0.31	13.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	10.51	9.80	9.69	10.00	4.43	ppb
Boron	10-1	11.65	8.77	9.66	10.02	14.72	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.31	-2.01	-2.72	-2.01		ppb
Cadmium	108-1	9.39	8.40	9.60	9.13	7.05	ppb
Cadmium	111-1	0.19	0.24	0.10	0.18	39.25	ppb
Calcium	43-1	96500.99	96575.26	96637.01	96571.09	0.07	ppb
Calcium	44-1	94998.67	93842.08	94242.73	94361.16	0.62	ppb
Chromium	52-2	19.37	19.22	19.82	19.47	1.61	ppb
Cobalt	59-2	1.08	1.07	1.16	1.10	4.62	ppb
Copper	63-2	8.44	8.23	8.44	8.37	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				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	98145.33	96702.14	99312.19	98053.22	1.33	ppb
Iron	56-2	96987.53	94665.79	98011.91	96555.08	1.78	ppb
Iron	57-2	98124.43	96554.97	99613.27	98097.55	1.56	ppb
Krypton	83-1						cps
Lead	207-1	4.44	4.05	4.26	4.25	4.52	ppb
Lead	208-1	4.54	4.40	4.38	4.44	1.85	ppb
Lead	206-1	4.78	4.82	4.76	4.79	0.62	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:05:23 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	97898.18	96932.15	98098.83	97643.06	0.64	ppb
Manganese	55-2	7.06	6.77	7.31	7.04	3.85	ppb
Molybdenum	94-1	1370.94	1351.68	1317.27	1346.63	2.02	ppb
Molybdenum	95-1	1932.51	1886.39	1882.94	1900.62	1.46	ppb
Molybdenum	96-1	1853.11	1838.22	1818.93	1836.75	0.93	ppb
Molybdenum	97-1	1894.34	1881.49	1891.38	1889.07	0.36	ppb
Molybdenum	98-1	1890.79	1882.24	1885.38	1886.14	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.33	5.28	5.25	5.29	0.74	ppb
Phosphorus	31-2	96708.90	93067.47	96730.31	95502.23	2.21	ppb
Potassium	39-2	99319.05	98240.62	98452.39	98670.69	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	-0.77	-0.77	-0.77	-0.77		ppb
Selenium	78-2	0.08	0.51	1.17	0.58	93.61	ppb
Selenium	82-1	0.54	1.04	0.91	0.83	31.28	ppb
Silicon	28-1	26.13	17.11	23.31	22.18	20.80	ppb
Silver	109-1	0.02	0.05	0.02	0.03	60.13	ppb
Silver	107-1	0.03	0.04	0.08	0.05	48.83	ppb
Sodium	23-2	102115.13	99670.19	101586.58	101123.97	1.27	ppb
Strontium	86-1	33.51	31.94	33.17	32.88	2.51	ppb
Strontium	88-1	34.04	33.84	33.82	33.90	0.35	ppb
Sulfur	34-1	84858.88	82372.86	78754.97	81995.57	3.74	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.13	0.16	0.14	15.08	ppb
Thallium	205-1	0.18	0.17	0.16	0.17	5.20	ppb
Tin	118-1	0.33	0.31	0.34	0.33	5.71	ppb
Titanium	47-1	1936.54	1923.51	1935.09	1931.71	0.37	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	27.99	ppb
Vanadium	51-2	0.13	0.11	0.21	0.15	32.75	ppb
Yttrium	89-1				102		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:05:23	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	11.75	11.60	11.37	11.57	1.66	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	42.49	ppb
Zirconium	91-1	0.05	0.03	0.05	0.04	35.41	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:08:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88236.93	88215.19	85524.43	87325.52	1.79	ppb
Antimony	121-1	20.86	20.79	20.93	20.86	0.34	ppb
Arsenic	75-2	20.31	19.71	20.43	20.15	1.93	ppb
Barium	135-1	20.65	21.08	20.84	20.85	1.04	ppb
Barium	137-1	21.99	20.85	21.69	21.51	2.75	ppb
Beryllium	9-1	19.19	19.46	19.42	19.36	0.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	11-1	51.17	58.62	61.97	57.25	9.65	ppb
Boron	10-1	50.07	58.81	62.26	57.04	11.01	ppb
Bromine	81-1						cps
Cadmium	106-1	21.50	17.22	23.27	20.67	15.06	ppb
Cadmium	108-1	29.25	29.47	28.23	28.98	2.29	ppb
Cadmium	111-1	19.83	19.19	19.57	19.53	1.65	ppb
Calcium	43-1	94054.61	96837.17	95034.25	95308.68	1.48	ppb
Calcium	44-1	93902.74	96160.37	92800.39	94287.83	1.82	ppb
Chromium	52-2	41.85	42.95	41.20	42.00	2.11	ppb
Cobalt	59-2	21.09	21.24	20.41	20.92	2.11	ppb
Copper	63-2	28.77	28.59	27.91	28.42	1.59	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				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	96521.47	97007.59	96175.52	96568.20	0.43	ppb
Iron	56-2	95876.66	96603.82	94741.18	95740.56	0.98	ppb
Iron	57-2	95760.18	97512.58	94857.16	96043.31	1.41	ppb
Krypton	83-1						cps
Lead	207-1	21.95	23.01	22.76	22.57	2.45	ppb
Lead	208-1	23.14	23.51	23.42	23.36	0.83	ppb
Lead	206-1	24.65	24.62	24.49	24.59	0.34	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:08:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	95679.80	95191.00	95001.25	95290.68	0.37	ppb
Manganese	55-2	25.91	26.01	27.33	26.42	2.98	ppb
Molybdenum	94-1	1447.19	1417.71	1475.84	1446.91	2.01	ppb
Molybdenum	95-1	1951.96	1910.58	1947.59	1936.71	1.17	ppb
Molybdenum	96-1	1890.37	1858.67	1905.69	1884.91	1.27	ppb
Molybdenum	97-1	1885.37	1901.12	1982.60	1923.03	2.71	ppb
Molybdenum	98-1	1900.48	1913.18	1941.82	1918.49	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.14	26.81	27.03	26.99	0.63	ppb
Phosphorus	31-2	94097.01	94075.85	94356.53	94176.46	0.17	ppb
Potassium	39-2	98743.51	99472.64	98181.16	98799.11	0.66	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	13.76	11.26	20.70	15.24	32.10	ppb
Selenium	78-2	20.93	15.63	17.58	18.05	14.84	ppb
Selenium	82-1	18.43	17.84	21.71	19.33	10.77	ppb
Silicon	28-1	84.75	95.87	92.74	91.12	6.29	ppb
Silver	109-1	18.53	18.51	18.66	18.56	0.45	ppb
Silver	107-1	18.83	18.57	18.60	18.67	0.75	ppb
Sodium	23-2	97500.14	98823.94	97132.36	97818.81	0.91	ppb
Strontium	86-1	82.73	82.49	83.89	83.04	0.90	ppb
Strontium	88-1	84.77	85.07	84.76	84.87	0.21	ppb
Sulfur	34-1	75981.27	79144.99	76696.49	77274.25	2.15	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	19.57	19.88	20.11	19.85	1.35	ppb
Thallium	205-1	20.20	20.47	19.89	20.19	1.44	ppb
Tin	118-1	51.16	49.18	50.05	50.13	1.98	ppb
Titanium	47-1	1966.28	2010.67	1952.58	1976.51	1.54	ppb
Uranium	238-1	49.90	50.52	50.20	50.20	0.62	ppb
Vanadium	51-2	19.53	19.56	19.28	19.46	0.79	ppb
Yttrium	89-1				102		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:08:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	34.66	34.87	34.19	34.57	1.01	ppb
Zirconium	90-1	49.61	50.27	50.25	50.04	0.75	ppb
Zirconium	91-1	48.90	47.91	50.34	49.05	2.49	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:11:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51072.03	52020.46	51901.54	51664.68	1.00	ppb
Antimony	121-1	490.35	502.15	513.29	501.93	2.29	ppb
Arsenic	75-2	501.18	501.00	494.14	498.77	0.81	ppb
Barium	135-1	2531.40	2523.73	2601.67	2552.26	1.68	ppb
Barium	137-1	2499.96	2564.87	2619.91	2561.58	2.34	ppb
Beryllium	9-1	484.01	489.74	492.14	488.63	0.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	11-1	397.01	468.49	519.16	461.55	13.30	ppb
Boron	10-1	396.29	462.08	520.57	459.65	13.53	ppb
Bromine	81-1						cps
Cadmium	106-1	461.78	487.81	510.89	486.83	5.05	ppb
Cadmium	108-1	484.19	497.94	491.33	491.15	1.40	ppb
Cadmium	111-1	478.27	493.82	502.30	491.46	2.48	ppb
Calcium	43-1	241487.43	241529.86	247875.42	243630.90	1.51	ppb
Calcium	44-1	238453.99	240053.57	245645.79	241384.45	1.56	ppb
Chromium	52-2	522.07	526.17	533.60	527.28	1.11	ppb
Cobalt	59-2	508.34	509.89	515.63	511.29	0.75	ppb
Copper	63-2	5072.71	5157.60	5078.38	5102.90	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				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	124288.71	126177.96	125511.02	125325.90	0.76	ppb
Iron	56-2	126131.40	124824.70	125176.18	125377.43	0.54	ppb
Iron	57-2	124860.19	124389.24	129104.25	126117.89	2.06	ppb
Krypton	83-1						cps
Lead	207-1	2535.22	2569.51	2621.83	2575.52	1.69	ppb
Lead	208-1	2543.33	2561.12	2606.60	2570.35	1.27	ppb
Lead	206-1	2569.87	2550.41	2650.74	2590.34	2.05	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:11:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	250582.65	256566.89	258666.97	255272.17	1.64	ppb
Manganese	55-2	5155.50	5262.60	5245.01	5221.04	1.10	ppb
Molybdenum	94-1	2492.93	2563.80	2521.49	2526.07	1.41	ppb
Molybdenum	95-1	2490.93	2552.79	2535.33	2526.35	1.26	ppb
Molybdenum	96-1	2511.84	2533.78	2542.70	2529.44	0.63	ppb
Molybdenum	97-1	2480.41	2596.95	2493.61	2523.66	2.53	ppb
Molybdenum	98-1	2470.43	2543.45	2490.04	2501.31	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.79	514.69	515.31	513.60	0.48	ppb
Phosphorus	31-2	10339.05	10185.26	9828.45	10117.59	2.59	ppb
Potassium	39-2	128601.72	130132.70	131498.33	130077.58	1.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	565.19	549.39	456.14	523.57	11.26	ppb
Selenium	78-2	505.61	504.64	494.96	501.74	1.17	ppb
Selenium	82-1	489.34	497.50	492.25	493.03	0.84	ppb
Silicon	28-1	519.77	543.05	560.73	541.18	3.80	ppb
Silver	109-1	482.00	496.70	506.60	495.10	2.50	ppb
Silver	107-1	489.06	500.59	499.49	496.38	1.28	ppb
Sodium	23-2	254782.64	259925.51	261068.54	258592.23	1.29	ppb
Strontium	86-1	496.16	514.09	503.52	504.59	1.79	ppb
Strontium	88-1	505.56	511.08	505.61	507.42	0.63	ppb
Sulfur	34-1	5277.71	6275.11	6683.70	6078.84	11.90	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	500.54	505.70	519.37	508.54	1.91	ppb
Thallium	205-1	512.51	513.45	517.74	514.56	0.54	ppb
Tin	118-1	488.56	509.28	515.16	504.33	2.77	ppb
Titanium	47-1	2557.64	2566.91	2576.24	2566.93	0.36	ppb
Uranium	238-1	522.47	524.43	535.31	527.40	1.31	ppb
Vanadium	51-2	519.40	518.95	526.49	521.61	0.81	ppb
Yttrium	89-1				104		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:11:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	5057.67	5056.85	5080.96	5065.16	0.27	ppb
Zirconium	90-1	504.22	520.36	506.91	510.50	1.69	ppb
Zirconium	91-1	497.70	505.90	504.28	502.63	0.86	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:29:04	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.36	20.95	19.88	20.73	3.68	ppb
Antimony	121-1	1.95	2.03	1.97	1.98	2.23	ppb
Arsenic	75-2	1.11	1.01	0.92	1.01	9.39	ppb
Barium	135-1	10.42	10.11	10.16	10.23	1.61	ppb
Barium	137-1	10.70	10.30	10.81	10.60	2.51	ppb
Beryllium	9-1	0.96	1.06	1.02	1.01	5.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	22.87	27.07	30.25	26.73	13.86	ppb
Boron	10-1	21.25	27.99	29.04	26.09	16.19	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.64	-2.76	-2.48	-2.96		ppb
Cadmium	108-1	0.94	1.17	0.64	0.92	29.00	ppb
Cadmium	111-1	0.80	0.86	0.79	0.81	4.55	ppb
Calcium	43-1	485.58	542.83	492.28	506.90	6.17	ppb
Calcium	44-1	478.23	466.68	470.03	471.65	1.26	ppb
Chromium	52-2	1.87	1.84	1.97	1.89	3.38	ppb
Cobalt	59-2	0.94	0.96	0.94	0.95	1.32	ppb
Copper	63-2	2.41	2.30	2.28	2.33	3.09	ppb
Dysprosium	156-1						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				101		%
Indium	115-2				98		%
Iron	54-2	57.06	52.83	49.81	53.23	6.85	ppb
Iron	56-2	52.65	52.90	53.41	52.99	0.73	ppb
Iron	57-2	52.66	50.83	41.23	48.24	12.73	ppb
Krypton	83-1						cps
Lead	207-1	1.04	1.13	1.18	1.12	6.45	ppb
Lead	208-1	1.13	1.11	1.13	1.13	0.95	ppb
Lead	206-1	1.16	1.16	1.09	1.14	3.77	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:29:04	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	551.51	540.03	525.59	539.04	2.41	ppb
Manganese	55-2	1.15	1.05	1.01	1.07	6.83	ppb
Molybdenum	94-1	5.15	5.32	5.15	5.21	1.89	ppb
Molybdenum	95-1	5.20	5.01	5.60	5.27	5.67	ppb
Molybdenum	96-1	5.61	5.39	5.01	5.34	5.66	ppb
Molybdenum	97-1	5.36	5.44	5.40	5.40	0.80	ppb
Molybdenum	98-1	5.76	5.74	5.32	5.61	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.37	1.08	1.20	12.32	ppb
Phosphorus	31-2	54.01	-24.68	-5.48	7.95	516.07	ppb
Potassium	39-2	532.43	520.11	515.95	522.83	1.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	1.64	4.13	6.52	4.10	59.52	ppb
Selenium	78-2	5.43	3.61	7.22	5.42	33.30	ppb
Selenium	82-1	5.24	7.11	4.00	5.45	28.75	ppb
Silicon	28-1	2.30	0.55	-7.47	-1.54		ppb
Silver	109-1	0.96	1.02	0.90	0.96	6.16	ppb
Silver	107-1	0.82	0.94	0.90	0.89	6.76	ppb
Sodium	23-2	562.85	554.33	546.18	554.45	1.50	ppb
Strontium	86-1	0.95	0.66	1.07	0.89	23.23	ppb
Strontium	88-1	1.06	1.06	1.04	1.05	1.17	ppb
Sulfur	34-1	-235.66	-1067.04	-1359.10	-887.27		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.89	1.03	1.05	0.99	9.28	ppb
Thallium	205-1	1.06	1.08	1.02	1.05	2.89	ppb
Tin	118-1	5.33	5.37	5.28	5.33	0.83	ppb
Titanium	47-1	5.07	4.77	5.64	5.16	8.62	ppb
Uranium	238-1	1.00	1.03	0.96	1.00	4.00	ppb
Vanadium	51-2	5.15	5.33	5.36	5.28	2.15	ppb
Yttrium	89-1				100		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:29:04	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1.94	2.16	2.44	2.18	11.35	ppb
Zirconium	90-1	0.99	0.93	1.02	0.98	4.70	ppb
Zirconium	91-1	1.02	0.97	1.00	0.99	2.65	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:31:58 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.47	-1.52	3.75	2.23	146.60	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	19.92	ppb
Arsenic	75-2	0.02	0.01	0.04	0.02	65.62	ppb
Barium	135-1	0.02	-0.02	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	63.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	10.07	9.73	9.31	9.70	3.91	ppb
Boron	10-1	9.72	10.36	8.49	9.52	9.99	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.62	-4.12	-1.87	-3.20		ppb
Cadmium	108-1	-0.20	-0.05	0.02	-0.08		ppb
Cadmium	111-1	-0.26	-0.29	-0.14	-0.23		ppb
Calcium	43-1	-6.62	-3.90	-10.74	-7.08		ppb
Calcium	44-1	-43.62	-44.89	-45.56	-44.69		ppb
Chromium	52-2	-0.02	0.05	-0.01	0.00	855.56	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.21	0.18	0.22	0.20	10.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	-1.04	-2.82	-2.65	-2.17		ppb
Iron	56-2	-1.79	-1.76	-1.66	-1.74		ppb
Iron	57-2	-1.41	-1.50	0.12	-0.93		ppb
Krypton	83-1						cps
Lead	207-1	0.11	0.18	0.18	0.15	24.54	ppb
Lead	208-1	0.14	0.11	0.12	0.12	13.73	ppb
Lead	206-1	0.19	0.12	0.10	0.14	35.28	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:31:58	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	0.66	0.06	-0.94	-0.07		ppb
Manganese	55-2	-0.08	-0.10	-0.03	-0.07		ppb
Molybdenum	94-1	-0.01	0.01	-0.02	-0.01		ppb
Molybdenum	95-1	-0.01	0.01	-0.02	-0.01		ppb
Molybdenum	96-1	0.03	0.00	0.01	0.01	126.56	ppb
Molybdenum	97-1	0.01	-0.02	0.01	0.00	644.42	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	-0.07	0.01	513.28	ppb
Phosphorus	31-2	63.55	-29.15	101.00	45.13	148.46	ppb
Potassium	39-2	5.26	-1.58	0.40	1.36	259.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-0.77	-0.77	-0.77	-0.77		ppb
Selenium	78-2	0.46	0.84	0.08	0.46	83.33	ppb
Selenium	82-1	0.73	0.78	0.75	0.75	3.34	ppb
Silicon	28-1	-21.91	-23.27	-35.26	-26.81		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	18.36	25.07	17.15	20.19	21.13	ppb
Strontium	86-1	-0.21	-0.23	-0.22	-0.22		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1671.46	-2123.71	-2785.19	-2193.45		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.00	0.01	0.01	116.31	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	70.08	ppb
Tin	118-1	-0.02	0.02	0.01	0.00	460.75	ppb
Titanium	47-1	-0.19	-0.04	-0.10	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	72.90	ppb
Yttrium	89-1				102		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:31:58	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	-0.21	-0.08	-0.04	-0.11		ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	139.19	ppb
Zirconium	91-1	0.03	0.00	0.00	0.01	107.70	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:34:48	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.81	26.63	18.52	22.32	18.28	ppb
Antimony	121-1	1.93	1.99	2.17	2.03	6.12	ppb
Arsenic	75-2	0.97	0.97	0.91	0.95	3.67	ppb
Barium	135-1	9.45	10.79	10.04	10.09	6.64	ppb
Barium	137-1	10.25	10.66	10.46	10.46	1.96	ppb
Beryllium	9-1	0.95	0.96	1.01	0.97	3.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	21.30	25.38	28.47	25.05	14.37	ppb
Boron	10-1	18.56	25.91	28.88	24.45	21.73	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.46	-2.37	-1.42	-1.42		ppb
Cadmium	108-1	1.61	1.02	0.65	1.09	44.51	ppb
Cadmium	111-1	0.98	0.71	0.98	0.89	17.16	ppb
Calcium	43-1	493.93	494.51	486.21	491.55	0.94	ppb
Calcium	44-1	451.87	473.05	449.36	458.10	2.84	ppb
Chromium	52-2	2.09	1.80	2.02	1.97	7.69	ppb
Cobalt	59-2	1.01	0.99	1.00	1.00	0.66	ppb
Copper	63-2	2.40	2.14	2.14	2.22	6.69	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				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	56.21	47.55	52.46	52.07	8.34	ppb
Iron	56-2	52.39	51.71	52.15	52.08	0.67	ppb
Iron	57-2	51.90	50.34	50.59	50.94	1.64	ppb
Krypton	83-1						cps
Lead	207-1	1.00	1.08	1.01	1.03	4.18	ppb
Lead	208-1	1.11	1.09	1.12	1.10	1.34	ppb
Lead	206-1	1.11	1.13	1.14	1.13	1.41	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:34:48	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	528.89	528.61	539.79	532.43	1.20	ppb
Manganese	55-2	1.12	0.82	1.11	1.02	16.80	ppb
Molybdenum	94-1	4.94	5.21	5.04	5.06	2.70	ppb
Molybdenum	95-1	4.94	5.29	5.41	5.21	4.64	ppb
Molybdenum	96-1	5.42	5.30	5.34	5.35	1.10	ppb
Molybdenum	97-1	5.40	5.44	5.32	5.39	1.16	ppb
Molybdenum	98-1	5.14	5.29	5.33	5.25	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.38	1.29	1.29	6.76	ppb
Phosphorus	31-2	93.18	72.57	50.43	72.06	29.66	ppb
Potassium	39-2	545.60	525.50	540.16	537.09	1.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	4.10	6.38	8.86	6.45	36.97	ppb
Selenium	78-2	5.28	5.30	5.40	5.32	1.21	ppb
Selenium	82-1	5.03	7.68	5.21	5.97	24.86	ppb
Silicon	28-1	-15.88	-0.37	-3.80	-6.69		ppb
Silver	109-1	0.85	0.99	0.96	0.94	7.84	ppb
Silver	107-1	0.98	0.93	0.98	0.96	2.63	ppb
Sodium	23-2	552.06	566.11	552.81	556.99	1.42	ppb
Strontium	86-1	1.08	0.79	0.61	0.83	29.00	ppb
Strontium	88-1	0.95	1.06	0.99	1.00	5.62	ppb
Sulfur	34-1	-2072.81	-1295.62	-1325.16	-1564.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.95	1.18	0.91	1.01	13.98	ppb
Thallium	205-1	0.97	1.09	0.99	1.02	6.16	ppb
Tin	118-1	5.04	5.33	5.13	5.17	2.86	ppb
Titanium	47-1	5.21	4.89	4.74	4.94	4.81	ppb
Uranium	238-1	0.90	0.93	0.88	0.90	2.32	ppb
Vanadium	51-2	5.34	5.53	4.99	5.29	5.19	ppb
Yttrium	89-1				102		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:34:48	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	1.94	2.11	2.46	2.17	12.29	ppb
Zirconium	90-1	1.00	0.92	0.94	0.95	4.67	ppb
Zirconium	91-1	1.03	0.92	1.09	1.01	8.87	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : PB127904BL Instrumnet Name : P8
 Client Sample ID : PB127904BL Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:37:37 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.41	1.34	0.33	1.03	59.21	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	-0.03	0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.05	0.06	0.04	79.01	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.03	0.00	0.01	138.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	9.17	8.87	7.75	8.60	8.69	ppb
Boron	10-1	9.58	8.20	8.63	8.81	7.99	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.41	-4.06	-5.20	-4.22		ppb
Cadmium	108-1	-0.05	-0.13	-0.06	-0.08		ppb
Cadmium	111-1	-0.24	-0.29	-0.38	-0.30		ppb
Calcium	43-1	-4.90	-6.24	-6.00	-5.71		ppb
Calcium	44-1	-42.05	-43.25	-40.40	-41.90		ppb
Chromium	52-2	0.08	0.12	0.06	0.09	36.46	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.18	0.13	0.18	0.17	16.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	-2.96	-1.73	-3.32	-2.67		ppb
Iron	56-2	-1.69	-1.75	-1.29	-1.58		ppb
Iron	57-2	-3.86	-2.77	-3.87	-3.50		ppb
Krypton	83-1						cps
Lead	207-1	0.12	0.21	0.14	0.16	30.60	ppb
Lead	208-1	0.14	0.15	0.13	0.14	4.33	ppb
Lead	206-1	0.15	0.19	0.12	0.15	24.32	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : PB127904BL Instrumnet Name : P8
 Client Sample ID : PB127904BL Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:37:37 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	1.03	-0.22	-0.98	-0.06		ppb
Manganese	55-2	-0.14	-0.09	-0.12	-0.12		ppb
Molybdenum	94-1	0.01	0.00	-0.04	-0.01		ppb
Molybdenum	95-1	0.02	0.00	-0.02	0.00		ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	15.22	ppb
Molybdenum	97-1	0.01	0.00	0.04	0.02	105.03	ppb
Molybdenum	98-1	0.02	0.00	0.00	0.00	302.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	1004.89	ppb
Phosphorus	31-2	-34.51	-82.94	22.28	-31.72		ppb
Potassium	39-2	15.51	-4.34	2.05	4.41	229.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-0.77	-0.77	-0.77	-0.77		ppb
Selenium	78-2	-0.84	0.25	-0.66	-0.42		ppb
Selenium	82-1	1.41	-0.36	-0.17	0.30	326.98	ppb
Silicon	28-1	-18.88	-25.79	-17.61	-20.76		ppb
Silver	109-1	0.00	0.01	0.00	0.00	901.01	ppb
Silver	107-1	0.00	0.00	0.01	0.00	377.73	ppb
Sodium	23-2	7.30	25.88	14.05	15.74	59.74	ppb
Strontium	86-1	-0.21	-0.22	-0.02	-0.15		ppb
Strontium	88-1	0.00	0.01	-0.01	0.00	1337.96	ppb
Sulfur	34-1	-1825.37	-1866.84	-1731.07	-1807.76		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.02	0.01	28.14	ppb
Tin	118-1	0.04	0.06	0.01	0.04	60.24	ppb
Titanium	47-1	0.18	0.01	-0.14	0.02	896.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BL	Instrumnet Name :	P8
Client Sample ID :	PB127904BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:37:37	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.27	0.22	0.55	0.35	51.58	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	165.61	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BS	Instrumnet Name :	P8
Client Sample ID :	PB127904BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:40:28	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9854.34	10934.11	10498.84	10429.10	5.21	ppb
Antimony	121-1	499.89	491.71	497.43	496.35	0.85	ppb
Arsenic	75-2	508.38	543.86	542.30	531.51	3.77	ppb
Barium	135-1	2525.13	2443.68	2520.34	2496.38	1.83	ppb
Barium	137-1	2487.35	2520.76	2509.67	2505.93	0.68	ppb
Beryllium	9-1	496.70	495.16	504.39	498.75	0.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	11-1	338.67	413.00	481.57	411.08	17.39	ppb
Boron	10-1	332.08	419.15	481.30	410.84	18.24	ppb
Bromine	81-1						cps
Cadmium	106-1	496.59	493.64	490.92	493.72	0.57	ppb
Cadmium	108-1	505.06	503.67	493.92	500.88	1.21	ppb
Cadmium	111-1	496.31	498.40	499.50	498.07	0.33	ppb
Calcium	43-1	50818.86	52106.41	52263.55	51729.61	1.53	ppb
Calcium	44-1	49545.54	50413.58	50717.71	50225.61	1.21	ppb
Chromium	52-2	507.22	554.81	534.42	532.15	4.49	ppb
Cobalt	59-2	505.86	551.46	535.69	531.00	4.36	ppb
Copper	63-2	5064.56	5500.16	5443.60	5336.11	4.44	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				105		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	26037.91	28368.36	27297.26	27234.51	4.28	ppb
Iron	56-2	25394.99	27646.05	27270.58	26770.54	4.50	ppb
Iron	57-2	25477.17	27629.48	26814.95	26640.53	4.08	ppb
Krypton	83-1						cps
Lead	207-1	2430.75	2545.79	2520.51	2499.02	2.42	ppb
Lead	208-1	2442.52	2518.80	2491.44	2484.25	1.56	ppb
Lead	206-1	2449.40	2559.64	2470.04	2493.03	2.35	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BS	Instrumnet Name :	P8
Client Sample ID :	PB127904BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:40:28	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	53130.86	58913.62	55969.55	56004.68	5.16	ppb
Manganese	55-2	5064.22	5583.82	5459.49	5369.18	5.05	ppb
Molybdenum	94-1	2525.00	2527.30	2528.39	2526.90	0.07	ppb
Molybdenum	95-1	2466.92	2512.46	2491.58	2490.32	0.92	ppb
Molybdenum	96-1	2511.53	2547.44	2526.90	2528.62	0.71	ppb
Molybdenum	97-1	2547.59	2533.10	2512.41	2531.03	0.70	ppb
Molybdenum	98-1	2532.18	2498.82	2497.39	2509.46	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.10	553.75	539.38	532.08	4.91	ppb
Phosphorus	31-2	9688.50	10832.84	9943.61	10154.99	5.92	ppb
Potassium	39-2	26232.53	28611.09	27468.13	27437.25	4.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	461.66	485.25	561.33	502.75	10.36	ppb
Selenium	78-2	515.61	554.71	547.09	539.14	3.84	ppb
Selenium	82-1	498.24	504.34	503.22	501.94	0.65	ppb
Silicon	28-1	461.31	519.10	509.39	496.60	6.23	ppb
Silver	109-1	499.87	503.43	512.98	505.42	1.34	ppb
Silver	107-1	506.79	500.02	492.06	499.62	1.48	ppb
Sodium	23-2	51237.77	57750.62	54320.14	54436.18	5.98	ppb
Strontium	86-1	494.38	506.27	501.17	500.60	1.19	ppb
Strontium	88-1	504.50	513.23	504.96	507.56	0.97	ppb
Sulfur	34-1	8614.54	9724.83	9098.07	9145.81	6.09	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	492.05	501.55	491.87	495.16	1.12	ppb
Thallium	205-1	493.45	502.30	492.04	495.93	1.12	ppb
Tin	118-1	496.91	503.28	500.47	500.22	0.64	ppb
Titanium	47-1	2525.32	2586.89	2562.78	2558.33	1.21	ppb
Uranium	238-1	501.33	504.59	503.92	503.28	0.34	ppb
Vanadium	51-2	505.52	555.67	531.00	530.73	4.73	ppb
Yttrium	89-1				105		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BS	Instrumnet Name :	P8
Client Sample ID :	PB127904BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:40:28	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	5085.12	5535.23	5361.57	5327.31	4.26	ppb
Zirconium	90-1	508.91	509.22	506.53	508.22	0.29	ppb
Zirconium	91-1	499.98	503.22	499.96	501.05	0.37	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:43:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88947.21	86423.99	87341.48	87570.89	1.46	ppb
Antimony	121-1	0.08	0.04	0.07	0.07	28.02	ppb
Arsenic	75-2	24.84	24.81	24.95	24.87	0.30	ppb
Barium	135-1	165.97	169.54	166.75	167.42	1.12	ppb
Barium	137-1	166.54	165.75	167.27	166.52	0.46	ppb
Beryllium	9-1	3.94	4.28	4.12	4.11	4.12	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	82.10	73.51	67.88	74.50	9.61	ppb
Boron	10-1	82.93	73.39	66.35	74.22	11.21	ppb
Bromine	81-1						cps
Cadmium	106-1	3.06	6.08	5.61	4.92	33.01	ppb
Cadmium	108-1	5.08	4.96	3.36	4.47	21.46	ppb
Cadmium	111-1	0.98	1.14	1.27	1.13	12.59	ppb
Calcium	43-1	2118.96	2165.06	2128.80	2137.60	1.14	ppb
Calcium	44-1	2122.82	2110.79	2095.29	2109.63	0.65	ppb
Chromium	52-2	139.25	138.29	138.51	138.68	0.36	ppb
Cobalt	59-2	62.80	61.11	62.14	62.02	1.38	ppb
Copper	63-2	109.13	106.51	106.97	107.54	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				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	145402.17	142186.58	144265.23	143951.33	1.13	ppb
Iron	56-2	146941.64	142717.93	143225.48	144295.02	1.60	ppb
Iron	57-2	145335.62	143057.46	142760.62	143717.90	0.98	ppb
Krypton	83-1						cps
Lead	207-1	66.01	65.48	66.00	65.83	0.46	ppb
Lead	208-1	69.02	68.14	68.20	68.45	0.71	ppb
Lead	206-1	71.75	70.85	70.29	70.96	1.04	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:43:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	39044.45	37811.30	38303.43	38386.39	1.62	ppb
Manganese	55-2	902.24	884.72	885.49	890.82	1.11	ppb
Molybdenum	94-1	88.78	88.22	88.77	88.59	0.37	ppb
Molybdenum	95-1	4.14	3.86	4.19	4.06	4.27	ppb
Molybdenum	96-1	14.52	14.48	14.68	14.56	0.75	ppb
Molybdenum	97-1	4.04	4.34	4.01	4.13	4.44	ppb
Molybdenum	98-1	4.04	3.73	3.98	3.92	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	188.39	185.27	187.12	186.93	0.84	ppb
Phosphorus	31-2	2815.28	2867.91	2931.17	2871.45	2.02	ppb
Potassium	39-2	5658.84	5478.00	5646.57	5594.47	1.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	48.17	68.40	41.01	52.53	27.04	ppb
Selenium	78-2	6.39	9.00	7.43	7.61	17.27	ppb
Selenium	82-1	2.48	1.08	0.98	1.52	55.44	ppb
Silicon	28-1	462.57	644.44	339.56	482.19	31.81	ppb
Silver	109-1	0.56	0.59	0.55	0.57	4.00	ppb
Silver	107-1	0.65	0.61	0.61	0.62	3.79	ppb
Sodium	23-2	416.95	405.56	410.84	411.11	1.39	ppb
Strontium	86-1	29.80	30.80	29.53	30.04	2.23	ppb
Strontium	88-1	30.93	30.66	30.49	30.69	0.74	ppb
Sulfur	34-1	-9109.89	-9682.28	-10086.58	-9626.25		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.66	0.74	0.64	0.68	8.21	ppb
Thallium	205-1	0.81	0.72	0.71	0.75	7.65	ppb
Tin	118-1	1.95	1.91	1.98	1.95	1.70	ppb
Titanium	47-1	234.26	244.37	239.75	239.46	2.11	ppb
Uranium	238-1	5.16	4.91	4.96	5.01	2.63	ppb
Vanadium	51-2	124.12	122.81	121.79	122.91	0.95	ppb
Yttrium	89-1				109		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:43:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	535.28	521.85	522.90	526.68	1.42	ppb
Zirconium	90-1	58.68	58.49	57.39	58.18	1.20	ppb
Zirconium	91-1	58.24	57.71	55.96	57.30	2.09	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:46:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105125.04	119350.84	103125.45	109200.44	8.10	ppb
Antimony	121-1	0.04	0.02	0.02	0.03	38.42	ppb
Arsenic	75-2	12.49	13.16	11.80	12.48	5.46	ppb
Barium	135-1	1330.90	1360.30	1368.41	1353.20	1.46	ppb
Barium	137-1	1349.25	1375.51	1377.21	1367.32	1.15	ppb
Beryllium	9-1	7.55	7.51	7.55	7.54	0.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	31.17	31.06	29.04	30.42	3.95	ppb
Boron	10-1	29.51	29.89	30.55	29.98	1.76	ppb
Bromine	81-1						cps
Cadmium	106-1	8.40	9.71	7.89	8.67	10.85	ppb
Cadmium	108-1	3.01	3.83	4.30	3.72	17.55	ppb
Cadmium	111-1	0.50	0.61	0.48	0.53	12.80	ppb
Calcium	43-1	12985.56	13356.98	13201.87	13181.47	1.42	ppb
Calcium	44-1	12990.33	13231.90	12940.87	13054.37	1.19	ppb
Chromium	52-2	252.14	291.94	251.97	265.35	8.68	ppb
Cobalt	59-2	57.20	65.79	56.74	59.91	8.51	ppb
Copper	63-2	69.47	78.57	68.06	72.03	7.92	ppb
Dysprosium	156-1						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				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	148049.17	166997.86	146647.79	153898.27	7.39	ppb
Iron	56-2	145989.37	169586.25	145326.89	153634.17	8.99	ppb
Iron	57-2	146452.51	170744.41	147846.18	155014.37	8.80	ppb
Krypton	83-1						cps
Lead	207-1	112.56	113.56	114.58	113.57	0.89	ppb
Lead	208-1	116.80	118.32	118.98	118.03	0.95	ppb
Lead	206-1	121.78	123.32	124.77	123.29	1.21	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:46:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	21802.02	24745.36	21629.22	22725.53	7.71	ppb
Manganese	55-2	211.25	244.45	211.92	222.54	8.53	ppb
Molybdenum	94-1	66.00	67.38	68.01	67.13	1.54	ppb
Molybdenum	95-1	0.32	0.36	0.27	0.32	13.74	ppb
Molybdenum	96-1	8.66	8.73	8.68	8.69	0.44	ppb
Molybdenum	97-1	0.28	0.45	0.41	0.38	23.67	ppb
Molybdenum	98-1	0.31	0.33	0.31	0.32	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.92	132.66	116.02	120.87	8.49	ppb
Phosphorus	31-2	222.99	298.40	211.15	244.18	19.38	ppb
Potassium	39-2	2396.51	2751.31	2343.93	2497.25	8.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				129		%
Scandium	45-2				123		%
Selenium	77-2	121.38	150.52	168.38	146.76	16.17	ppb
Selenium	78-2	16.52	25.19	22.38	21.37	20.70	ppb
Selenium	82-1	4.03	4.35	3.51	3.96	10.67	ppb
Silicon	28-1	182.92	187.66	178.80	183.13	2.42	ppb
Silver	109-1	0.25	0.25	0.26	0.25	2.84	ppb
Silver	107-1	0.26	0.27	0.30	0.28	7.25	ppb
Sodium	23-2	1371.83	1588.35	1358.31	1439.50	8.97	ppb
Strontium	86-1	79.00	81.60	81.45	80.69	1.81	ppb
Strontium	88-1	80.79	82.50	83.25	82.18	1.54	ppb
Sulfur	34-1	-15586.53	-16053.87	-16492.63	-16044.34		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	1.52	1.43	1.31	1.42	7.48	ppb
Thallium	205-1	1.49	1.46	1.46	1.47	1.25	ppb
Tin	118-1	0.22	0.25	0.21	0.23	7.99	ppb
Titanium	47-1	112.22	113.64	107.49	111.12	2.90	ppb
Uranium	238-1	17.69	18.12	18.23	18.01	1.58	ppb
Vanadium	51-2	215.93	251.06	215.43	227.47	8.98	ppb
Yttrium	89-1				141		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:46:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				133		%
Zinc	66-2	251.33	286.93	252.30	263.52	7.70	ppb
Zirconium	90-1	43.56	44.45	44.55	44.19	1.23	ppb
Zirconium	91-1	43.11	43.69	43.95	43.58	0.98	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUP	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:48:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107278.09	106123.64	105672.45	106358.06	0.78	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	48.49	ppb
Arsenic	75-2	12.23	12.35	12.16	12.25	0.75	ppb
Barium	135-1	1394.95	1384.90	1372.90	1384.25	0.80	ppb
Barium	137-1	1367.56	1383.49	1360.51	1370.52	0.86	ppb
Beryllium	9-1	7.54	7.61	7.21	7.45	2.84	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	20.05	19.89	19.40	19.78	1.72	ppb
Boron	10-1	20.18	19.24	17.49	18.97	7.19	ppb
Bromine	81-1						cps
Cadmium	106-1	7.27	7.55	5.98	6.93	12.11	ppb
Cadmium	108-1	3.42	3.48	3.54	3.48	1.68	ppb
Cadmium	111-1	0.48	0.44	0.36	0.43	14.34	ppb
Calcium	43-1	13049.18	12964.48	12961.13	12991.60	0.38	ppb
Calcium	44-1	13199.12	12861.26	12922.15	12994.18	1.39	ppb
Chromium	52-2	256.77	253.59	255.80	255.39	0.64	ppb
Cobalt	59-2	56.97	56.18	57.36	56.84	1.06	ppb
Copper	63-2	69.77	68.49	68.60	68.95	1.03	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				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	143703.39	142186.82	140054.76	141981.66	1.29	ppb
Iron	56-2	142776.91	141547.85	141613.23	141979.33	0.49	ppb
Iron	57-2	142890.13	141263.22	141741.27	141964.88	0.59	ppb
Krypton	83-1						cps
Lead	207-1	108.63	109.79	110.83	109.75	1.00	ppb
Lead	208-1	114.31	114.29	116.41	115.00	1.06	ppb
Lead	206-1	120.59	119.65	122.14	120.79	1.04	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUP	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:48:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	21914.93	21552.03	21334.50	21600.49	1.36	ppb
Manganese	55-2	214.46	210.85	209.61	211.64	1.19	ppb
Molybdenum	94-1	68.66	68.20	68.29	68.38	0.35	ppb
Molybdenum	95-1	0.34	0.34	0.28	0.32	10.64	ppb
Molybdenum	96-1	8.75	8.97	9.02	8.91	1.64	ppb
Molybdenum	97-1	0.24	0.34	0.36	0.31	19.30	ppb
Molybdenum	98-1	0.30	0.35	0.29	0.31	10.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.57	116.45	117.31	116.78	0.40	ppb
Phosphorus	31-2	215.55	184.05	243.98	214.53	13.97	ppb
Potassium	39-2	2451.00	2358.12	2371.48	2393.53	2.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				129		%
Scandium	45-2				125		%
Selenium	77-2	148.03	175.30	143.82	155.72	10.98	ppb
Selenium	78-2	23.23	17.89	21.56	20.89	13.08	ppb
Selenium	82-1	4.37	3.78	4.66	4.27	10.48	ppb
Silicon	28-1	332.86	767.31	303.20	467.79	55.54	ppb
Silver	109-1	0.29	0.25	0.30	0.28	8.51	ppb
Silver	107-1	0.29	0.32	0.31	0.31	6.06	ppb
Sodium	23-2	1380.42	1354.61	1357.64	1364.23	1.03	ppb
Strontium	86-1	80.10	79.00	80.03	79.71	0.77	ppb
Strontium	88-1	80.87	81.74	81.20	81.27	0.54	ppb
Sulfur	34-1	-16482.63	-17171.27	-17525.86	-17059.92		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	1.46	1.28	1.35	1.36	6.68	ppb
Thallium	205-1	1.47	1.34	1.40	1.40	4.65	ppb
Tin	118-1	0.23	0.27	0.20	0.23	14.97	ppb
Titanium	47-1	109.44	111.95	113.75	111.71	1.94	ppb
Uranium	238-1	18.14	17.63	18.37	18.05	2.11	ppb
Vanadium	51-2	227.40	224.99	225.62	226.01	0.55	ppb
Yttrium	89-1				139		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUP	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:48:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				137		%
Zinc	66-2	256.13	249.08	251.91	252.37	1.41	ppb
Zirconium	90-1	45.88	45.72	45.12	45.57	0.88	ppb
Zirconium	91-1	44.41	44.74	45.49	44.88	1.23	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02LX5 Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)L Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 13:51:46 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24112.52	24101.61	24165.19	24126.44	0.14	ppb
Antimony	121-1	0.02	0.02	0.01	0.01	26.81	ppb
Arsenic	75-2	2.76	2.88	2.85	2.83	2.35	ppb
Barium	135-1	258.08	260.56	255.19	257.94	1.04	ppb
Barium	137-1	259.97	260.76	255.19	258.64	1.17	ppb
Beryllium	9-1	1.47	1.52	1.48	1.49	1.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	11.64	11.61	11.31	11.52	1.58	ppb
Boron	10-1	11.45	11.85	10.40	11.23	6.69	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.75	-0.11	-2.57	-1.81		ppb
Cadmium	108-1	0.31	0.61	0.59	0.50	33.00	ppb
Cadmium	111-1	-0.21	-0.02	-0.19	-0.14		ppb
Calcium	43-1	3112.10	3070.63	2930.56	3037.76	3.13	ppb
Calcium	44-1	2980.16	3038.49	2944.47	2987.71	1.59	ppb
Chromium	52-2	59.43	58.32	58.53	58.76	1.00	ppb
Cobalt	59-2	14.05	14.09	14.48	14.20	1.66	ppb
Copper	63-2	46.15	46.33	46.35	46.27	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	33515.85	33673.47	33823.65	33670.99	0.46	ppb
Iron	56-2	34182.10	33982.37	33608.72	33924.40	0.86	ppb
Iron	57-2	33711.15	33559.87	33566.98	33612.67	0.25	ppb
Krypton	83-1						cps
Lead	207-1	27.72	27.98	26.83	27.51	2.18	ppb
Lead	208-1	28.25	28.88	28.12	28.42	1.44	ppb
Lead	206-1	29.68	29.89	29.61	29.73	0.48	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 13:51:46	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	5032.27	5011.17	5038.66	5027.37	0.29	ppb
Manganese	55-2	48.24	49.34	49.34	48.97	1.30	ppb
Molybdenum	94-1	15.93	15.37	15.73	15.68	1.81	ppb
Molybdenum	95-1	0.09	0.13	0.09	0.10	24.05	ppb
Molybdenum	96-1	2.06	2.18	1.95	2.06	5.42	ppb
Molybdenum	97-1	0.06	0.07	0.10	0.08	29.57	ppb
Molybdenum	98-1	0.08	0.10	0.06	0.08	25.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.28	82.54	81.99	81.94	0.77	ppb
Phosphorus	31-2	91.78	32.52	84.69	69.66	46.45	ppb
Potassium	39-2	524.68	549.93	535.77	536.79	2.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	20.48	46.09	24.67	30.42	45.17	ppb
Selenium	78-2	5.51	4.78	5.11	5.13	7.15	ppb
Selenium	82-1	2.44	0.49	1.76	1.56	63.50	ppb
Silicon	28-1	115.18	124.49	105.03	114.90	8.47	ppb
Silver	109-1	0.05	0.05	0.06	0.05	12.16	ppb
Silver	107-1	0.05	0.04	0.07	0.05	25.51	ppb
Sodium	23-2	331.73	321.89	326.32	326.65	1.51	ppb
Strontium	86-1	19.81	19.55	18.49	19.28	3.62	ppb
Strontium	88-1	20.01	19.49	19.66	19.72	1.33	ppb
Sulfur	34-1	-13009.82	-12953.40	-14511.78	-13491.67		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.21	0.22	0.21	2.11	ppb
Thallium	205-1	0.31	0.29	0.27	0.29	7.95	ppb
Tin	118-1	0.21	0.24	0.26	0.24	9.37	ppb
Titanium	47-1	25.04	26.34	27.89	26.42	5.41	ppb
Uranium	238-1	3.42	3.31	3.30	3.34	1.98	ppb
Vanadium	51-2	50.65	49.90	50.10	50.22	0.78	ppb
Yttrium	89-1				114		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 13:51:46	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	67.96	66.09	65.22	66.42	2.11	ppb
Zirconium	90-1	10.52	10.38	10.21	10.37	1.51	ppb
Zirconium	91-1	10.55	10.21	10.12	10.29	2.16	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MS	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:54:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	166282.98	152652.45	156826.02	158587.15	4.40	ppb
Antimony	121-1	7.19	7.56	7.02	7.26	3.86	ppb
Arsenic	75-2	395.83	374.71	371.63	380.73	3.46	ppb
Barium	135-1	3272.03	3371.77	3255.39	3299.73	1.91	ppb
Barium	137-1	3246.62	3330.75	3258.75	3278.71	1.39	ppb
Beryllium	9-1	476.56	487.99	488.22	484.26	1.38	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	11-1	150.49	180.39	197.03	175.97	13.40	ppb
Boron	10-1	145.97	174.73	195.62	172.11	14.48	ppb
Bromine	81-1						cps
Cadmium	106-1	491.32	491.63	488.39	490.45	0.36	ppb
Cadmium	108-1	470.29	495.92	478.37	481.53	2.72	ppb
Cadmium	111-1	486.58	494.76	488.24	489.86	0.88	ppb
Calcium	43-1	51415.22	51696.49	52716.55	51942.75	1.32	ppb
Calcium	44-1	50071.94	50049.09	49831.36	49984.13	0.27	ppb
Chromium	52-2	762.54	709.38	716.68	729.53	3.95	ppb
Cobalt	59-2	485.88	443.47	461.65	463.67	4.59	ppb
Copper	63-2	907.86	835.85	847.69	863.80	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				101		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	54-2	245216.74	224143.84	228764.77	232708.45	4.76	ppb
Iron	56-2	245196.79	224258.20	233879.57	234444.85	4.47	ppb
Iron	57-2	244686.65	224991.07	229106.98	232928.23	4.46	ppb
Krypton	83-1						cps
Lead	207-1	647.90	656.78	654.03	652.90	0.70	ppb
Lead	208-1	664.23	671.31	665.72	667.09	0.56	ppb
Lead	206-1	648.62	652.80	653.19	651.53	0.39	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MS	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:54:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	69772.44	63697.18	63957.02	65808.88	5.22	ppb
Manganese	55-2	1115.55	1011.19	1049.03	1058.59	4.99	ppb
Molybdenum	94-1	1345.22	1400.26	1373.27	1372.92	2.00	ppb
Molybdenum	95-1	1196.03	1238.54	1214.43	1216.33	1.75	ppb
Molybdenum	96-1	1234.86	1268.28	1237.90	1247.01	1.48	ppb
Molybdenum	97-1	1199.11	1228.53	1193.85	1207.16	1.55	ppb
Molybdenum	98-1	1214.91	1222.87	1212.85	1216.88	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	570.72	523.02	534.23	542.66	4.60	ppb
Phosphorus	31-2	332.58	303.77	349.68	328.68	7.06	ppb
Potassium	39-2	25203.97	23333.59	23734.00	24090.52	4.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				86		%
Scandium	45-1				132		%
Scandium	45-2				120		%
Selenium	77-2	497.59	491.24	496.02	494.95	0.67	ppb
Selenium	78-2	372.95	351.88	352.49	359.11	3.34	ppb
Selenium	82-1	329.00	341.41	333.33	334.58	1.88	ppb
Silicon	28-1	631.52	584.40	663.09	626.34	6.32	ppb
Silver	109-1	482.23	490.94	488.61	487.26	0.93	ppb
Silver	107-1	485.47	489.90	493.16	489.51	0.79	ppb
Sodium	23-2	42368.91	40444.32	39852.02	40888.41	3.22	ppb
Strontium	86-1	449.01	463.80	456.14	456.32	1.62	ppb
Strontium	88-1	453.25	462.64	459.46	458.45	1.04	ppb
Sulfur	34-1	-17372.05	-17494.79	-17875.69	-17580.84		ppb
Terbium	159-1				99		%
Terbium	159-2				92		%
Thallium	203-1	492.40	496.34	496.46	495.07	0.47	ppb
Thallium	205-1	497.32	493.91	501.66	497.63	0.78	ppb
Tin	118-1	30.72	30.79	30.34	30.62	0.78	ppb
Titanium	47-1	737.90	740.43	740.89	739.74	0.22	ppb
Uranium	238-1	537.84	550.03	545.62	544.50	1.13	ppb
Vanadium	51-2	928.34	855.01	878.57	887.31	4.22	ppb
Yttrium	89-1				135		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MS	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:54:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				122		%
Zinc	66-2	1159.24	1040.27	1063.49	1087.67	5.80	ppb
Zirconium	90-1	344.01	351.38	336.23	343.87	2.20	ppb
Zirconium	91-1	335.17	343.63	336.76	338.52	1.33	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSD	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:57:25	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	148389.04	142630.91	143715.73	144911.89	2.11	ppb
Antimony	121-1	6.57	6.35	6.55	6.49	1.85	ppb
Arsenic	75-2	365.02	367.87	370.77	367.88	0.78	ppb
Barium	135-1	5923.75	5853.47	5858.88	5878.70	0.67	ppb
Barium	137-1	5943.54	5912.73	5806.90	5887.72	1.22	ppb
Beryllium	9-1	488.13	483.17	481.80	484.37	0.69	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	11-1	173.66	193.98	211.97	193.21	9.92	ppb
Boron	10-1	171.72	188.80	206.91	189.14	9.30	ppb
Bromine	81-1						cps
Cadmium	106-1	485.21	480.44	479.16	481.61	0.66	ppb
Cadmium	108-1	487.65	477.11	475.98	480.25	1.34	ppb
Cadmium	111-1	491.80	485.61	476.91	484.78	1.54	ppb
Calcium	43-1	50617.52	50398.46	50768.70	50594.89	0.37	ppb
Calcium	44-1	49343.43	49144.97	48898.16	49128.85	0.45	ppb
Chromium	52-2	676.07	679.29	675.75	677.04	0.29	ppb
Cobalt	59-2	451.96	446.18	449.67	449.27	0.65	ppb
Copper	63-2	855.39	852.24	850.45	852.69	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	218298.32	218978.44	216596.63	217957.80	0.56	ppb
Iron	56-2	220152.25	216770.77	215392.01	217438.35	1.13	ppb
Iron	57-2	216293.59	215672.07	215344.43	215770.03	0.22	ppb
Krypton	83-1						cps
Lead	207-1	646.85	641.84	640.44	643.04	0.52	ppb
Lead	208-1	657.84	655.85	654.62	656.10	0.25	ppb
Lead	206-1	648.37	645.10	638.61	644.03	0.77	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSD	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:57:25	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	63662.84	62033.08	62364.04	62686.65	1.37	ppb
Manganese	55-2	1002.26	1008.78	1002.42	1004.49	0.37	ppb
Molybdenum	94-1	1379.37	1393.13	1379.92	1384.14	0.56	ppb
Molybdenum	95-1	1246.71	1258.30	1232.36	1245.79	1.04	ppb
Molybdenum	96-1	1266.71	1271.74	1261.23	1266.56	0.41	ppb
Molybdenum	97-1	1242.85	1251.10	1233.88	1242.61	0.69	ppb
Molybdenum	98-1	1238.85	1214.85	1237.66	1230.45	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.50	524.34	526.49	527.44	0.70	ppb
Phosphorus	31-2	833.85	750.21	775.87	786.64	5.45	ppb
Potassium	39-2	23463.85	23711.68	23764.99	23646.84	0.68	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				132		%
Scandium	45-2				127		%
Selenium	77-2	499.84	495.43	482.34	492.54	1.85	ppb
Selenium	78-2	354.53	351.24	346.60	350.79	1.14	ppb
Selenium	82-1	341.51	338.94	330.56	337.01	1.70	ppb
Silicon	28-1	498.30	535.74	442.68	492.24	9.51	ppb
Silver	109-1	494.38	490.00	476.00	486.79	1.97	ppb
Silver	107-1	496.13	484.17	483.84	488.05	1.44	ppb
Sodium	23-2	40190.76	39454.32	40529.71	40058.26	1.37	ppb
Strontium	86-1	468.57	466.61	462.94	466.04	0.61	ppb
Strontium	88-1	471.33	477.95	470.13	473.14	0.89	ppb
Sulfur	34-1	-17032.32	-17888.76	-18448.70	-17789.93		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	489.93	490.53	489.20	489.89	0.14	ppb
Thallium	205-1	491.78	494.17	493.65	493.20	0.26	ppb
Tin	118-1	29.42	28.84	28.33	28.86	1.89	ppb
Titanium	47-1	560.57	551.95	540.98	551.16	1.78	ppb
Uranium	238-1	544.15	529.30	535.74	536.40	1.39	ppb
Vanadium	51-2	709.23	703.74	711.69	708.22	0.57	ppb
Yttrium	89-1				136		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSD	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:57:25	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				134		%
Zinc	66-2	1063.44	1052.63	1060.60	1058.89	0.53	ppb
Zirconium	90-1	338.55	335.91	327.49	333.98	1.73	ppb
Zirconium	91-1	332.81	331.64	327.26	330.57	0.89	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02A	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:00:32	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	150868.28	150471.43	145719.77	149019.83	1.92	ppb
Antimony	121-1	414.65	414.61	408.14	412.47	0.91	ppb
Arsenic	75-2	366.78	367.40	369.27	367.82	0.35	ppb
Barium	135-1	4754.39	4901.53	4819.77	4825.23	1.53	ppb
Barium	137-1	4790.31	4863.87	4741.39	4798.52	1.28	ppb
Beryllium	9-1	480.45	487.81	485.84	484.70	0.79	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	11-1	174.89	200.00	214.66	196.52	10.23	ppb
Boron	10-1	174.26	192.87	213.07	193.40	10.04	ppb
Bromine	81-1						cps
Cadmium	106-1	452.00	479.24	458.37	463.20	3.08	ppb
Cadmium	108-1	486.66	483.62	471.19	480.49	1.71	ppb
Cadmium	111-1	478.72	483.19	477.64	479.85	0.61	ppb
Calcium	43-1	50415.82	51330.09	51878.93	51208.28	1.44	ppb
Calcium	44-1	49606.96	50415.78	51444.19	50488.98	1.82	ppb
Chromium	52-2	687.15	697.57	687.44	690.72	0.86	ppb
Cobalt	59-2	449.28	450.82	448.04	449.38	0.31	ppb
Copper	63-2	847.14	843.13	850.63	846.97	0.44	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				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	221770.10	225145.29	220859.66	222591.69	1.01	ppb
Iron	56-2	223148.21	223295.23	218381.43	221608.29	1.26	ppb
Iron	57-2	222868.22	224577.80	218537.74	221994.59	1.40	ppb
Krypton	83-1						cps
Lead	207-1	646.26	650.52	646.74	647.84	0.36	ppb
Lead	208-1	653.22	656.94	656.54	655.57	0.31	ppb
Lead	206-1	642.60	648.40	653.83	648.28	0.87	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02A	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:00:32	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	62375.65	64395.79	61394.50	62721.98	2.44	ppb
Manganese	55-2	1020.55	1020.76	1017.32	1019.54	0.19	ppb
Molybdenum	94-1	1369.99	1383.04	1406.97	1386.67	1.35	ppb
Molybdenum	95-1	1243.71	1234.67	1226.58	1234.99	0.69	ppb
Molybdenum	96-1	1266.39	1269.09	1270.02	1268.50	0.15	ppb
Molybdenum	97-1	1237.63	1212.43	1251.81	1233.96	1.62	ppb
Molybdenum	98-1	1232.37	1224.77	1243.34	1233.49	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.47	527.71	524.14	526.44	0.38	ppb
Phosphorus	31-2	652.32	552.89	612.28	605.83	8.26	ppb
Potassium	39-2	23719.80	23450.31	23482.40	23550.84	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				132		%
Scandium	45-2				127		%
Selenium	77-2	436.02	457.29	462.87	452.06	3.13	ppb
Selenium	78-2	361.44	373.98	340.15	358.53	4.77	ppb
Selenium	82-1	334.35	327.82	335.55	332.57	1.25	ppb
Silicon	28-1	589.16	654.94	766.32	670.14	13.36	ppb
Silver	109-1	485.92	489.97	488.07	487.99	0.42	ppb
Silver	107-1	484.09	485.94	491.11	487.05	0.75	ppb
Sodium	23-2	40342.93	40628.16	39851.30	40274.13	0.98	ppb
Strontium	86-1	463.65	464.71	465.91	464.76	0.24	ppb
Strontium	88-1	467.23	464.76	468.33	466.77	0.39	ppb
Sulfur	34-1	-17634.78	-18071.76	-18316.39	-18007.64		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	490.68	488.30	493.51	490.83	0.53	ppb
Thallium	205-1	487.85	491.62	501.67	493.71	1.45	ppb
Tin	118-1	29.63	29.11	28.98	29.24	1.18	ppb
Titanium	47-1	621.29	627.71	634.70	627.90	1.07	ppb
Uranium	238-1	530.36	536.93	537.38	534.89	0.73	ppb
Vanadium	51-2	778.28	771.62	771.15	773.68	0.52	ppb
Yttrium	89-1				136		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02A	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:00:32	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				133		%
Zinc	66-2	1049.50	1074.60	1052.32	1058.81	1.30	ppb
Zirconium	90-1	337.64	338.28	338.78	338.23	0.17	ppb
Zirconium	91-1	332.25	336.34	332.31	333.64	0.70	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:17:21	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50985.23	51435.84	51366.88	51262.65	0.47	ppb
Antimony	121-1	532.10	533.81	522.26	529.39	1.18	ppb
Arsenic	75-2	508.99	503.46	505.54	506.00	0.55	ppb
Barium	135-1	2591.62	2574.13	2516.76	2560.84	1.53	ppb
Barium	137-1	2594.41	2551.08	2528.78	2558.09	1.30	ppb
Beryllium	9-1	519.41	524.29	521.13	521.61	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	415.03	505.05	544.78	488.29	13.62	ppb
Boron	10-1	420.96	484.89	533.22	479.69	11.74	ppb
Bromine	81-1						cps
Cadmium	106-1	483.24	485.42	482.98	483.88	0.28	ppb
Cadmium	108-1	512.94	500.56	482.39	498.63	3.08	ppb
Cadmium	111-1	488.17	492.92	482.64	487.91	1.05	ppb
Calcium	43-1	242692.26	246740.21	243151.49	244194.65	0.91	ppb
Calcium	44-1	244233.00	247719.63	241388.66	244447.10	1.30	ppb
Chromium	52-2	516.27	525.94	521.98	521.40	0.93	ppb
Cobalt	59-2	493.01	505.13	505.13	501.09	1.40	ppb
Copper	63-2	5006.70	5086.50	5042.36	5045.19	0.79	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				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	124734.24	125438.84	125153.26	125108.78	0.28	ppb
Iron	56-2	122685.63	124934.16	124319.98	123979.92	0.94	ppb
Iron	57-2	121738.70	124536.83	124825.61	123700.38	1.38	ppb
Krypton	83-1						cps
Lead	207-1	2650.29	2617.19	2609.75	2625.75	0.82	ppb
Lead	208-1	2627.39	2628.84	2600.55	2618.93	0.61	ppb
Lead	206-1	2625.39	2650.02	2587.50	2620.97	1.20	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:17:21	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	254493.98	253566.04	255675.64	254578.56	0.42	ppb
Manganese	55-2	5108.95	5166.76	5166.46	5147.39	0.65	ppb
Molybdenum	94-1	2492.56	2580.91	2527.35	2533.61	1.76	ppb
Molybdenum	95-1	2521.98	2563.68	2513.77	2533.14	1.06	ppb
Molybdenum	96-1	2504.01	2580.01	2549.64	2544.55	1.50	ppb
Molybdenum	97-1	2508.53	2536.16	2531.70	2525.46	0.59	ppb
Molybdenum	98-1	2525.18	2576.28	2485.94	2529.13	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.13	507.10	505.56	505.26	0.40	ppb
Phosphorus	31-2	10124.85	10123.49	11063.31	10437.22	5.19	ppb
Potassium	39-2	129626.83	127330.37	127599.46	128185.56	0.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	577.73	511.71	504.74	531.39	7.58	ppb
Selenium	78-2	499.18	523.22	504.01	508.80	2.50	ppb
Selenium	82-1	503.12	494.59	492.07	496.59	1.17	ppb
Silicon	28-1	545.18	619.17	569.77	578.04	6.52	ppb
Silver	109-1	502.66	506.02	501.62	503.44	0.46	ppb
Silver	107-1	505.28	501.40	490.60	499.09	1.52	ppb
Sodium	23-2	257199.46	256588.22	256083.26	256623.64	0.22	ppb
Strontium	86-1	504.74	510.93	500.18	505.29	1.07	ppb
Strontium	88-1	511.98	510.83	502.81	508.54	0.98	ppb
Sulfur	34-1	7182.76	9459.63	7271.28	7971.22	16.18	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	509.62	514.09	505.18	509.63	0.87	ppb
Thallium	205-1	519.20	520.89	506.51	515.53	1.52	ppb
Tin	118-1	506.42	506.41	499.47	504.10	0.80	ppb
Titanium	47-1	2572.71	2614.94	2540.87	2576.17	1.44	ppb
Uranium	238-1	539.17	550.09	528.77	539.34	1.98	ppb
Vanadium	51-2	503.60	514.59	511.66	509.95	1.12	ppb
Yttrium	89-1				104		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:17:21	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	4960.39	4981.13	4969.23	4970.25	0.21	ppb
Zirconium	90-1	511.72	515.66	509.26	512.22	0.63	ppb
Zirconium	91-1	501.13	507.57	494.17	500.96	1.34	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:27:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.44	0.48	3.95	2.96	73.06	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	114.28	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	65.69	ppb
Barium	135-1	-0.01	-0.02	0.02	0.00		ppb
Barium	137-1	-0.02	0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	12.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	15.46	14.75	14.89	15.03	2.49	ppb
Boron	10-1	15.16	13.95	15.36	14.83	5.15	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.62	-2.05	-4.36	-3.01		ppb
Cadmium	108-1	-0.05	-0.05	0.03	-0.02		ppb
Cadmium	111-1	-0.19	-0.13	-0.30	-0.21		ppb
Calcium	43-1	-10.10	-6.84	-5.66	-7.53		ppb
Calcium	44-1	-48.65	-51.05	-52.32	-50.67		ppb
Chromium	52-2	0.01	0.06	0.06	0.04	67.15	ppb
Cobalt	59-2	-0.01	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.18	0.25	0.23	0.22	16.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	0.84	-0.11	-2.12	-0.46		ppb
Iron	56-2	-0.78	-0.69	-0.59	-0.69		ppb
Iron	57-2	-1.59	-1.93	1.44	-0.69		ppb
Krypton	83-1						cps
Lead	207-1	0.28	0.21	0.29	0.26	16.25	ppb
Lead	208-1	0.23	0.21	0.22	0.22	4.79	ppb
Lead	206-1	0.14	0.15	0.18	0.16	10.57	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:27:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2.08	0.98	1.41	1.49	37.34	ppb
Manganese	55-2	-0.09	-0.12	-0.10	-0.10		ppb
Molybdenum	94-1	0.05	-0.03	0.00	0.01	403.84	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	48.64	ppb
Molybdenum	96-1	0.04	0.00	0.01	0.02	104.59	ppb
Molybdenum	97-1	0.00	0.02	0.06	0.03	104.30	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	120.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-46.95	-37.90	-58.77	-47.88		ppb
Potassium	39-2	-1.99	29.09	7.06	11.39	140.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	-0.77	1.71	-0.77	0.06	2486.12	ppb
Selenium	78-2	-1.56	0.21	0.80	-0.18		ppb
Selenium	82-1	0.03	-0.50	-0.39	-0.29		ppb
Silicon	28-1	-28.96	-24.23	-25.10	-26.09		ppb
Silver	109-1	0.00	0.00	0.01	0.00	195.16	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	36.36	33.15	38.30	35.93	7.24	ppb
Strontium	86-1	-0.13	-0.18	-0.20	-0.17		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-3237.38	-3146.44	-2593.87	-2992.56		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.03	0.05	0.05	41.26	ppb
Thallium	205-1	0.04	0.06	0.04	0.05	17.34	ppb
Tin	118-1	0.02	-0.01	0.03	0.02	125.62	ppb
Titanium	47-1	-0.28	-0.08	-0.05	-0.14		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	68.82	ppb
Yttrium	89-1				100		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:27:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	0.09	-0.17	0.06	-0.01		ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	149.57	ppb
Zirconium	91-1	0.04	0.05	0.01	0.03	72.84	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:30:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100055.98	96121.43	97620.72	97932.71	2.03	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	15.24	ppb
Arsenic	75-2	15.58	15.89	15.23	15.57	2.14	ppb
Barium	135-1	676.47	673.91	689.39	679.92	1.22	ppb
Barium	137-1	679.03	682.26	691.70	684.33	0.96	ppb
Beryllium	9-1	4.56	4.57	4.38	4.50	2.29	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	17.67	18.40	18.88	18.32	3.34	ppb
Boron	10-1	16.91	16.59	18.67	17.39	6.42	ppb
Bromine	81-1						cps
Cadmium	106-1	2.23	0.76	1.62	1.54	48.04	ppb
Cadmium	108-1	2.82	1.56	2.30	2.23	28.37	ppb
Cadmium	111-1	0.46	0.37	0.37	0.40	14.00	ppb
Calcium	43-1	2110.89	2109.78	2132.41	2117.69	0.60	ppb
Calcium	44-1	2036.21	2108.69	2040.08	2061.66	1.98	ppb
Chromium	52-2	153.17	153.22	153.71	153.37	0.19	ppb
Cobalt	59-2	40.43	39.26	39.22	39.64	1.73	ppb
Copper	63-2	72.81	71.88	73.12	72.60	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	119922.15	117623.51	116107.73	117884.47	1.63	ppb
Iron	56-2	116819.06	118866.72	116352.91	117346.23	1.14	ppb
Iron	57-2	115514.50	119121.55	118373.07	117669.71	1.62	ppb
Krypton	83-1						cps
Lead	207-1	75.53	76.50	75.97	76.00	0.64	ppb
Lead	208-1	78.58	78.85	78.49	78.64	0.24	ppb
Lead	206-1	81.91	81.91	82.60	82.14	0.49	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:30:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	19513.76	19311.95	19228.39	19351.37	0.76	ppb
Manganese	55-2	2374.72	2378.08	2359.44	2370.75	0.42	ppb
Molybdenum	94-1	49.37	50.26	48.89	49.51	1.41	ppb
Molybdenum	95-1	4.73	4.46	4.68	4.63	3.13	ppb
Molybdenum	96-1	10.24	10.57	10.16	10.32	2.10	ppb
Molybdenum	97-1	4.24	4.55	4.42	4.40	3.45	ppb
Molybdenum	98-1	4.52	4.83	4.57	4.64	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.31	100.90	98.04	99.75	1.51	ppb
Phosphorus	31-2	2774.89	2539.64	2577.96	2630.83	4.80	ppb
Potassium	39-2	3384.83	3324.21	3307.17	3338.74	1.22	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	57.47	66.30	50.88	58.22	13.29	ppb
Selenium	78-2	12.75	11.27	9.85	11.29	12.88	ppb
Selenium	82-1	3.22	4.09	3.37	3.56	12.96	ppb
Silicon	28-1	716.49	721.73	711.52	716.58	0.71	ppb
Silver	109-1	0.25	0.16	0.19	0.20	24.15	ppb
Silver	107-1	0.21	0.22	0.22	0.22	4.00	ppb
Sodium	23-2	324.10	304.81	294.20	307.70	4.93	ppb
Strontium	86-1	23.46	23.27	23.16	23.30	0.66	ppb
Strontium	88-1	23.88	24.17	23.75	23.93	0.90	ppb
Sulfur	34-1	-6673.39	-7985.23	-9507.26	-8055.30		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.98	0.86	1.02	0.96	8.54	ppb
Thallium	205-1	0.98	0.95	0.95	0.96	1.81	ppb
Tin	118-1	0.91	0.87	0.90	0.89	2.27	ppb
Titanium	47-1	230.38	237.13	230.62	232.71	1.65	ppb
Uranium	238-1	4.87	4.93	4.90	4.90	0.59	ppb
Vanadium	51-2	192.87	194.09	192.35	193.10	0.46	ppb
Yttrium	89-1				113		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:30:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	271.00	270.30	270.20	270.50	0.16	ppb
Zirconium	90-1	30.92	30.76	30.80	30.83	0.28	ppb
Zirconium	91-1	30.31	32.07	30.01	30.79	3.61	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:33:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102717.98	105088.09	102622.03	103476.03	1.35	ppb
Antimony	121-1	0.04	0.04	0.03	0.03	7.08	ppb
Arsenic	75-2	19.63	18.95	18.81	19.13	2.30	ppb
Barium	135-1	653.75	666.64	668.30	662.90	1.20	ppb
Barium	137-1	658.84	669.88	666.66	665.13	0.85	ppb
Beryllium	9-1	6.92	7.02	7.15	7.03	1.65	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	31.01	33.70	37.81	34.17	10.03	ppb
Boron	10-1	30.46	32.38	35.72	32.85	8.10	ppb
Bromine	81-1						cps
Cadmium	106-1	11.55	11.95	13.75	12.42	9.46	ppb
Cadmium	108-1	7.16	7.51	6.91	7.19	4.22	ppb
Cadmium	111-1	1.30	1.30	1.40	1.33	4.55	ppb
Calcium	43-1	9589.22	9652.76	9687.46	9643.15	0.52	ppb
Calcium	44-1	9475.06	9775.52	9543.99	9598.19	1.64	ppb
Chromium	52-2	143.07	145.20	139.92	142.73	1.86	ppb
Cobalt	59-2	109.16	108.80	105.84	107.93	1.69	ppb
Copper	63-2	180.05	182.42	175.72	179.40	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	172969.09	175683.94	167515.79	172056.27	2.42	ppb
Iron	56-2	172693.47	175898.37	167661.97	172084.60	2.41	ppb
Iron	57-2	173432.21	176574.06	168413.73	172806.67	2.38	ppb
Krypton	83-1						cps
Lead	207-1	83.81	86.79	85.70	85.43	1.76	ppb
Lead	208-1	88.49	90.14	89.88	89.51	0.99	ppb
Lead	206-1	91.64	93.04	91.99	92.22	0.79	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:33:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	45654.80	45894.08	44575.33	45374.74	1.55	ppb
Manganese	55-2	5196.62	5266.63	5040.40	5167.88	2.24	ppb
Molybdenum	94-1	118.17	118.70	118.35	118.41	0.23	ppb
Molybdenum	95-1	1.26	1.19	1.23	1.23	2.50	ppb
Molybdenum	96-1	15.82	15.78	15.93	15.84	0.48	ppb
Molybdenum	97-1	1.34	1.25	1.16	1.25	7.29	ppb
Molybdenum	98-1	1.12	1.28	1.19	1.20	6.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	219.40	223.16	214.38	218.98	2.01	ppb
Phosphorus	31-2	3680.57	3727.57	3300.69	3569.61	6.56	ppb
Potassium	39-2	14115.13	14417.15	13878.31	14136.86	1.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	77-2	141.19	147.37	135.11	141.22	4.34	ppb
Selenium	78-2	22.60	19.68	21.35	21.21	6.93	ppb
Selenium	82-1	1.83	4.32	1.71	2.62	56.22	ppb
Silicon	28-1	677.32	603.03	583.48	621.28	7.97	ppb
Silver	109-1	0.09	0.10	0.09	0.09	8.18	ppb
Silver	107-1	0.14	0.16	0.12	0.14	12.07	ppb
Sodium	23-2	677.10	711.31	669.24	685.88	3.26	ppb
Strontium	86-1	70.45	70.68	70.30	70.47	0.27	ppb
Strontium	88-1	72.12	73.01	72.48	72.54	0.62	ppb
Sulfur	34-1	-13482.30	-14220.67	-14268.95	-13990.64		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.28	1.26	1.16	1.23	4.96	ppb
Thallium	205-1	1.18	1.34	1.28	1.26	6.22	ppb
Tin	118-1	1.97	2.06	2.06	2.03	2.45	ppb
Titanium	47-1	1132.53	1135.32	1157.30	1141.71	1.19	ppb
Uranium	238-1	5.62	5.66	5.87	5.72	2.31	ppb
Vanadium	51-2	179.28	181.71	177.76	179.58	1.11	ppb
Yttrium	89-1				134		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:33:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				130		%
Zinc	66-2	477.90	482.08	469.16	476.38	1.38	ppb
Zirconium	90-1	79.39	79.29	80.02	79.57	0.50	ppb
Zirconium	91-1	78.21	76.86	76.63	77.23	1.10	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:36:32	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44571.29	46738.71	45567.40	45625.80	2.38	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	23.57	ppb
Arsenic	75-2	9.83	10.41	9.73	9.99	3.65	ppb
Barium	135-1	488.21	499.56	493.58	493.78	1.15	ppb
Barium	137-1	487.50	504.33	494.47	495.43	1.71	ppb
Beryllium	9-1	2.79	2.74	2.88	2.80	2.43	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	11-1	15.81	15.81	16.29	15.97	1.72	ppb
Boron	10-1	16.41	16.08	17.50	16.66	4.48	ppb
Bromine	81-1						cps
Cadmium	106-1	2.50	0.84	2.93	2.09	52.71	ppb
Cadmium	108-1	2.78	4.04	2.97	3.26	20.85	ppb
Cadmium	111-1	0.53	0.48	0.61	0.54	12.16	ppb
Calcium	43-1	6006.43	6280.71	6294.23	6193.79	2.62	ppb
Calcium	44-1	6049.75	6202.89	6198.68	6150.44	1.42	ppb
Chromium	52-2	135.48	143.61	139.35	139.48	2.92	ppb
Cobalt	59-2	48.93	52.56	50.63	50.71	3.58	ppb
Copper	63-2	53.46	56.92	54.25	54.88	3.30	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				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	50121.60	55015.40	52981.42	52706.14	4.66	ppb
Iron	56-2	51032.26	53381.75	51659.75	52024.59	2.34	ppb
Iron	57-2	49428.46	52624.33	50836.50	50963.10	3.14	ppb
Krypton	83-1						cps
Lead	207-1	30.23	30.93	30.68	30.61	1.15	ppb
Lead	208-1	31.94	32.49	32.54	32.32	1.02	ppb
Lead	206-1	33.44	33.71	33.55	33.57	0.41	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:36:32	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	15010.32	15624.51	15152.05	15262.29	2.11	ppb
Manganese	55-2	388.34	415.58	395.19	399.70	3.55	ppb
Molybdenum	94-1	56.67	57.73	57.07	57.15	0.94	ppb
Molybdenum	95-1	1.46	1.89	1.62	1.66	13.00	ppb
Molybdenum	96-1	8.48	8.77	8.69	8.65	1.78	ppb
Molybdenum	97-1	1.59	1.63	1.94	1.72	11.14	ppb
Molybdenum	98-1	1.86	1.69	1.60	1.71	7.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.90	95.64	91.01	91.85	3.75	ppb
Phosphorus	31-2	833.40	716.91	624.56	724.96	14.44	ppb
Potassium	39-2	2029.20	2169.91	2086.65	2095.25	3.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	67.81	90.87	64.43	74.37	19.35	ppb
Selenium	78-2	9.02	14.98	10.76	11.59	26.42	ppb
Selenium	82-1	2.06	3.78	3.96	3.27	32.16	ppb
Silicon	28-1	546.75	490.79	460.41	499.31	8.77	ppb
Silver	109-1	0.17	0.17	0.19	0.17	7.05	ppb
Silver	107-1	0.20	0.22	0.21	0.21	3.12	ppb
Sodium	23-2	942.23	1004.49	967.52	971.41	3.22	ppb
Strontium	86-1	30.37	32.07	30.30	30.91	3.24	ppb
Strontium	88-1	31.95	32.29	31.52	31.92	1.21	ppb
Sulfur	34-1	-8513.73	-8149.57	-9634.92	-8766.07		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.37	0.39	0.41	0.39	4.64	ppb
Thallium	205-1	0.37	0.42	0.36	0.38	8.01	ppb
Tin	118-1	2.21	2.25	2.19	2.22	1.39	ppb
Titanium	47-1	688.08	701.06	694.20	694.45	0.94	ppb
Uranium	238-1	9.35	9.40	9.55	9.43	1.10	ppb
Vanadium	51-2	133.15	138.90	134.08	135.38	2.28	ppb
Yttrium	89-1				115		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:36:32	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	202.16	211.43	205.52	206.37	2.27	ppb
Zirconium	90-1	36.84	37.45	37.17	37.15	0.83	ppb
Zirconium	91-1	35.85	36.91	36.77	36.51	1.58	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:39:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18579.65	19393.98	19861.51	19278.38	3.36	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	22.66	ppb
Arsenic	75-2	5.18	4.83	5.74	5.25	8.73	ppb
Barium	135-1	33.17	32.05	31.35	32.19	2.85	ppb
Barium	137-1	33.34	31.97	32.36	32.56	2.17	ppb
Beryllium	9-1	0.98	0.89	1.04	0.97	7.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	9.39	9.55	9.82	9.59	2.26	ppb
Boron	10-1	8.67	10.01	8.52	9.07	9.09	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.96	-4.32	-2.28	-3.18		ppb
Cadmium	108-1	1.27	0.96	0.31	0.85	57.45	ppb
Cadmium	111-1	-0.09	-0.22	0.01	-0.10		ppb
Calcium	43-1	408.12	494.87	461.96	454.98	9.63	ppb
Calcium	44-1	396.33	404.45	413.35	404.71	2.10	ppb
Chromium	52-2	28.91	30.08	31.83	30.27	4.85	ppb
Cobalt	59-2	12.98	13.35	14.04	13.46	4.01	ppb
Copper	63-2	22.21	23.63	24.58	23.47	5.07	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				104		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	30265.59	30784.96	32581.63	31210.73	3.89	ppb
Iron	56-2	30189.67	31933.40	32557.18	31560.08	3.89	ppb
Iron	57-2	29809.65	31052.45	32240.51	31034.20	3.92	ppb
Krypton	83-1						cps
Lead	207-1	13.32	13.18	13.06	13.18	0.99	ppb
Lead	208-1	13.70	13.58	13.47	13.59	0.85	ppb
Lead	206-1	14.09	14.13	13.70	13.97	1.71	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:39:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	8244.82	8432.58	8803.15	8493.52	3.34	ppb
Manganese	55-2	187.15	194.32	201.98	194.48	3.81	ppb
Molybdenum	94-1	18.93	18.59	19.01	18.84	1.17	ppb
Molybdenum	95-1	0.88	0.78	0.88	0.85	6.79	ppb
Molybdenum	96-1	3.04	3.06	3.10	3.06	0.93	ppb
Molybdenum	97-1	0.80	0.93	0.88	0.87	7.54	ppb
Molybdenum	98-1	0.82	0.83	0.88	0.85	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.42	40.68	42.62	40.91	3.94	ppb
Phosphorus	31-2	631.86	707.89	706.81	682.18	6.39	ppb
Potassium	39-2	1172.96	1257.91	1275.37	1235.41	4.43	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	10.62	8.46	6.43	8.50	24.67	ppb
Selenium	78-2	0.59	2.51	2.16	1.75	58.20	ppb
Selenium	82-1	0.06	-0.12	-0.07	-0.04		ppb
Silicon	28-1	63.78	45.21	72.47	60.48	23.02	ppb
Silver	109-1	0.13	0.11	0.16	0.14	20.10	ppb
Silver	107-1	0.18	0.14	0.14	0.15	15.10	ppb
Sodium	23-2	82.63	107.80	106.10	98.84	14.23	ppb
Strontium	86-1	5.94	6.28	6.16	6.13	2.83	ppb
Strontium	88-1	6.57	6.42	6.51	6.50	1.16	ppb
Sulfur	34-1	-12960.67	-12257.88	-12630.44	-12616.33		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.08	0.05	0.06	18.60	ppb
Thallium	205-1	0.10	0.11	0.09	0.10	11.20	ppb
Tin	118-1	0.49	0.29	0.37	0.38	25.29	ppb
Titanium	47-1	50.03	50.03	51.93	50.66	2.17	ppb
Uranium	238-1	0.96	0.99	1.02	0.99	3.02	ppb
Vanadium	51-2	25.81	26.55	27.90	26.75	3.98	ppb
Yttrium	89-1				107		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:39:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	112.65	118.18	119.01	116.61	2.97	ppb
Zirconium	90-1	11.92	12.15	12.18	12.08	1.17	ppb
Zirconium	91-1	11.98	11.34	11.90	11.74	2.94	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:42:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25239.68	25480.04	24793.64	25171.12	1.38	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	109.71	ppb
Arsenic	75-2	3.34	3.29	2.78	3.13	9.81	ppb
Barium	135-1	267.23	278.99	271.33	272.52	2.19	ppb
Barium	137-1	271.15	279.29	269.76	273.40	1.88	ppb
Beryllium	9-1	1.64	1.67	1.82	1.71	5.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	6.09	5.88	5.74	5.90	2.94	ppb
Boron	10-1	5.45	6.10	5.87	5.81	5.60	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.94	-2.01	-2.11	-1.69		ppb
Cadmium	108-1	0.54	0.69	0.67	0.63	12.86	ppb
Cadmium	111-1	-0.05	-0.16	-0.19	-0.13		ppb
Calcium	43-1	3084.19	3082.38	3228.84	3131.80	2.68	ppb
Calcium	44-1	3038.41	3062.58	3148.30	3083.09	1.87	ppb
Chromium	52-2	60.32	60.73	58.63	59.89	1.86	ppb
Cobalt	59-2	13.90	13.81	13.86	13.86	0.34	ppb
Copper	63-2	16.41	16.36	16.86	16.54	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	34570.74	34936.27	34271.33	34592.78	0.96	ppb
Iron	56-2	35135.64	35357.69	34665.54	35052.96	1.01	ppb
Iron	57-2	34232.31	34746.91	34201.07	34393.43	0.89	ppb
Krypton	83-1						cps
Lead	207-1	22.61	22.32	22.40	22.44	0.66	ppb
Lead	208-1	23.36	23.39	23.69	23.48	0.78	ppb
Lead	206-1	24.41	24.16	24.73	24.43	1.18	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:42:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	5263.40	5286.58	5232.97	5260.98	0.51	ppb
Manganese	55-2	51.15	50.11	49.51	50.26	1.65	ppb
Molybdenum	94-1	17.59	16.75	16.45	16.93	3.51	ppb
Molybdenum	95-1	0.08	0.06	0.05	0.06	30.12	ppb
Molybdenum	96-1	2.15	2.14	2.05	2.11	2.74	ppb
Molybdenum	97-1	0.04	0.10	0.06	0.07	48.83	ppb
Molybdenum	98-1	0.10	0.06	0.10	0.09	22.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.49	28.31	27.56	27.79	1.64	ppb
Phosphorus	31-2	96.04	46.26	21.70	54.67	69.28	ppb
Potassium	39-2	553.85	588.39	554.67	565.63	3.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	77-2	37.67	27.27	42.38	35.77	21.62	ppb
Selenium	78-2	3.28	5.86	6.43	5.19	32.32	ppb
Selenium	82-1	0.60	1.32	0.83	0.92	40.33	ppb
Silicon	28-1	34.68	32.74	32.78	33.40	3.32	ppb
Silver	109-1	0.05	0.07	0.05	0.06	21.64	ppb
Silver	107-1	0.08	0.06	0.07	0.07	12.69	ppb
Sodium	23-2	318.77	326.36	328.10	324.41	1.53	ppb
Strontium	86-1	20.07	19.94	19.88	19.96	0.48	ppb
Strontium	88-1	20.64	20.57	20.23	20.48	1.08	ppb
Sulfur	34-1	-13614.75	-14352.90	-13504.44	-13824.03		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.28	0.24	0.25	12.60	ppb
Thallium	205-1	0.25	0.29	0.26	0.27	9.39	ppb
Tin	118-1	0.04	0.06	0.04	0.04	21.10	ppb
Titanium	47-1	26.09	24.80	28.57	26.49	7.23	ppb
Uranium	238-1	3.42	3.40	3.51	3.44	1.85	ppb
Vanadium	51-2	52.14	51.10	51.50	51.58	1.02	ppb
Yttrium	89-1				114		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:42:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	59.72	59.70	60.83	60.08	1.08	ppb
Zirconium	90-1	10.79	11.09	10.84	10.91	1.48	ppb
Zirconium	91-1	11.23	11.28	10.64	11.05	3.21	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02DUPDLX5 Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 14:45:01 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27281.70	26573.15	25766.29	26540.38	2.86	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	59.91	ppb
Arsenic	75-2	3.65	3.25	2.99	3.30	9.96	ppb
Barium	135-1	280.09	285.06	284.72	283.29	0.98	ppb
Barium	137-1	281.07	284.40	286.48	283.98	0.96	ppb
Beryllium	9-1	1.54	1.72	1.65	1.64	5.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	11-1	5.07	4.84	4.79	4.90	3.05	ppb
Boron	10-1	5.24	5.39	5.31	5.31	1.40	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.17	-3.49	0.05	-1.54		ppb
Cadmium	108-1	0.75	0.54	0.91	0.74	25.34	ppb
Cadmium	111-1	-0.09	-0.26	-0.02	-0.12		ppb
Calcium	43-1	3023.91	3065.45	3190.05	3093.14	2.80	ppb
Calcium	44-1	3034.81	3008.39	3081.23	3041.48	1.21	ppb
Chromium	52-2	65.54	64.73	62.12	64.13	2.79	ppb
Cobalt	59-2	14.56	14.18	13.60	14.11	3.41	ppb
Copper	63-2	17.84	17.67	16.58	17.36	3.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	36398.23	35430.77	34531.53	35453.51	2.63	ppb
Iron	56-2	36400.36	35392.06	33975.22	35255.88	3.46	ppb
Iron	57-2	35658.48	34681.19	33777.04	34705.57	2.71	ppb
Krypton	83-1						cps
Lead	207-1	21.53	21.98	22.31	21.94	1.78	ppb
Lead	208-1	22.53	22.61	23.43	22.86	2.18	ppb
Lead	206-1	23.77	23.68	24.24	23.90	1.25	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:45:01	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	5580.29	5413.02	5349.72	5447.68	2.19	ppb
Manganese	55-2	52.90	52.46	50.67	52.01	2.27	ppb
Molybdenum	94-1	16.65	16.78	17.56	17.00	2.89	ppb
Molybdenum	95-1	0.06	0.07	0.09	0.08	22.45	ppb
Molybdenum	96-1	2.28	2.09	2.21	2.19	4.53	ppb
Molybdenum	97-1	0.09	0.10	0.05	0.08	35.10	ppb
Molybdenum	98-1	0.08	0.10	0.06	0.08	25.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.58	28.03	28.86	28.82	2.69	ppb
Phosphorus	31-2	80.10	35.79	66.34	60.74	37.33	ppb
Potassium	39-2	594.10	633.59	566.61	598.10	5.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	77-2	31.80	28.16	27.41	29.12	8.06	ppb
Selenium	78-2	6.28	7.78	4.18	6.08	29.77	ppb
Selenium	82-1	0.84	0.44	1.84	1.04	69.38	ppb
Silicon	28-1	75.32	103.56	109.04	95.97	18.85	ppb
Silver	109-1	0.06	0.06	0.08	0.06	16.55	ppb
Silver	107-1	0.07	0.05	0.07	0.06	17.04	ppb
Sodium	23-2	362.25	354.57	340.90	352.57	3.07	ppb
Strontium	86-1	19.32	19.67	20.52	19.84	3.10	ppb
Strontium	88-1	19.98	20.43	21.06	20.49	2.65	ppb
Sulfur	34-1	-12573.74	-13232.46	-12377.58	-12727.93		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.27	0.28	0.26	0.27	3.39	ppb
Thallium	205-1	0.24	0.24	0.27	0.25	7.74	ppb
Tin	118-1	0.01	0.05	0.06	0.04	59.48	ppb
Titanium	47-1	25.66	26.17	25.81	25.88	1.02	ppb
Uranium	238-1	3.59	3.55	3.66	3.60	1.62	ppb
Vanadium	51-2	57.57	55.65	55.03	56.08	2.36	ppb
Yttrium	89-1				113		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:45:01	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	66.15	64.43	62.77	64.45	2.62	ppb
Zirconium	90-1	11.15	11.40	11.47	11.34	1.51	ppb
Zirconium	91-1	11.27	11.22	11.51	11.33	1.39	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-04-01 14:47:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5349.20	5199.10	5532.52	5360.27	3.12	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	312.61	ppb
Arsenic	75-2	0.65	0.69	0.78	0.71	9.45	ppb
Barium	135-1	54.33	55.32	55.01	54.88	0.93	ppb
Barium	137-1	56.25	55.62	54.39	55.42	1.70	ppb
Beryllium	9-1	0.30	0.38	0.30	0.33	13.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	4.13	3.88	3.92	3.98	3.30	ppb
Boron	10-1	3.39	4.29	3.60	3.76	12.53	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.52	-5.15	-2.42	-4.03		ppb
Cadmium	108-1	0.31	0.02	-0.06	0.09	211.63	ppb
Cadmium	111-1	-0.33	-0.38	-0.17	-0.29		ppb
Calcium	43-1	599.87	617.29	650.26	622.47	4.11	ppb
Calcium	44-1	573.70	592.40	593.61	586.57	1.90	ppb
Chromium	52-2	12.77	12.79	13.35	12.97	2.54	ppb
Cobalt	59-2	2.94	2.90	2.96	2.93	1.02	ppb
Copper	63-2	3.58	3.46	3.80	3.61	4.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	7354.71	7240.90	7769.82	7455.14	3.73	ppb
Iron	56-2	7462.93	7352.15	7803.34	7539.48	3.12	ppb
Iron	57-2	7356.14	7180.47	7789.01	7441.88	4.21	ppb
Krypton	83-1						cps
Lead	207-1	4.41	4.67	4.53	4.54	2.97	ppb
Lead	208-1	4.76	4.88	4.76	4.80	1.37	ppb
Lead	206-1	4.95	5.03	4.97	4.99	0.81	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-04-01 14:47:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	1120.65	1078.46	1175.77	1124.96	4.34	ppb
Manganese	55-2	10.31	10.62	10.73	10.55	2.08	ppb
Molybdenum	94-1	3.53	3.28	3.35	3.39	3.74	ppb
Molybdenum	95-1	0.05	0.00	0.01	0.02	104.95	ppb
Molybdenum	96-1	0.46	0.40	0.50	0.45	11.32	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	26.95	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	59.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.52	6.24	5.81	6.53	ppb
Phosphorus	31-2	120.98	51.58	-60.29	37.42	244.39	ppb
Potassium	39-2	128.39	101.98	151.07	127.15	19.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	6.18	5.92	6.40	6.17	3.84	ppb
Selenium	78-2	2.74	2.46	-0.20	1.67	97.58	ppb
Selenium	82-1	-0.65	-1.06	0.98	-0.24		ppb
Silicon	28-1	-26.77	-15.81	-21.61	-21.40		ppb
Silver	109-1	0.01	0.01	0.00	0.00	92.67	ppb
Silver	107-1	0.01	0.03	0.01	0.02	60.20	ppb
Sodium	23-2	69.66	64.30	85.69	73.21	15.20	ppb
Strontium	86-1	4.03	4.38	3.77	4.06	7.49	ppb
Strontium	88-1	4.26	4.46	4.31	4.34	2.39	ppb
Sulfur	34-1	-12387.83	-11506.72	-11599.75	-11831.43		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.04	0.05	0.03	56.45	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	13.11	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	470.42	ppb
Titanium	47-1	5.76	5.76	5.18	5.57	5.96	ppb
Uranium	238-1	0.71	0.71	0.73	0.72	1.59	ppb
Vanadium	51-2	10.85	11.02	11.23	11.03	1.74	ppb
Yttrium	89-1				108		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-04-01 14:47:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	13.23	12.91	14.02	13.38	4.27	ppb
Zirconium	90-1	2.27	2.46	2.31	2.35	4.36	ppb
Zirconium	91-1	2.62	2.15	2.55	2.44	10.34	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:50:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39660.95	39433.54	39526.46	39540.32	0.29	ppb
Antimony	121-1	29.93	29.02	30.01	29.66	1.86	ppb
Arsenic	75-2	96.76	94.24	97.15	96.05	1.64	ppb
Barium	135-1	662.53	654.51	664.08	660.37	0.78	ppb
Barium	137-1	673.93	663.34	671.84	669.71	0.84	ppb
Beryllium	9-1	103.17	102.37	104.70	103.41	1.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	30.10	37.56	40.71	36.13	15.08	ppb
Boron	10-1	30.48	35.65	40.04	35.39	13.52	ppb
Bromine	81-1						cps
Cadmium	106-1	93.50	95.19	99.33	96.01	3.13	ppb
Cadmium	108-1	99.29	96.83	99.39	98.50	1.47	ppb
Cadmium	111-1	100.56	100.37	99.17	100.04	0.75	ppb
Calcium	43-1	12764.39	12948.44	12995.34	12902.72	0.95	ppb
Calcium	44-1	12575.23	12788.70	12826.57	12730.17	1.06	ppb
Chromium	52-2	176.48	177.99	178.01	177.49	0.49	ppb
Cobalt	59-2	113.82	115.28	115.31	114.80	0.74	ppb
Copper	63-2	212.43	213.41	215.44	213.76	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				105		%
Indium	115-2				99		%
Iron	54-2	57530.02	58029.29	58760.32	58106.54	1.06	ppb
Iron	56-2	56591.35	56322.22	58184.71	57032.76	1.77	ppb
Iron	57-2	55885.83	55915.07	57076.12	56292.34	1.21	ppb
Krypton	83-1						cps
Lead	207-1	128.27	127.06	129.02	128.12	0.77	ppb
Lead	208-1	128.05	127.03	128.30	127.79	0.53	ppb
Lead	206-1	129.34	129.89	129.71	129.65	0.22	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:50:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	16619.89	16753.31	16752.45	16708.55	0.46	ppb
Manganese	55-2	255.54	255.81	259.77	257.04	0.92	ppb
Molybdenum	94-1	350.40	350.92	356.07	352.46	0.89	ppb
Molybdenum	95-1	315.71	312.64	309.86	312.73	0.94	ppb
Molybdenum	96-1	323.24	319.16	320.98	321.13	0.64	ppb
Molybdenum	97-1	307.88	307.20	307.53	307.54	0.11	ppb
Molybdenum	98-1	310.81	311.45	311.43	311.23	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.99	132.57	137.14	134.90	1.69	ppb
Phosphorus	31-2	36.95	92.00	74.45	67.80	41.48	ppb
Potassium	39-2	5849.48	5733.40	5829.46	5804.12	1.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	77-2	128.55	135.97	128.43	130.98	3.30	ppb
Selenium	78-2	95.76	97.76	97.40	96.98	1.10	ppb
Selenium	82-1	84.48	86.14	90.50	87.04	3.57	ppb
Silicon	28-1	193.02	211.53	226.56	210.37	7.98	ppb
Silver	109-1	98.32	97.23	97.96	97.84	0.57	ppb
Silver	107-1	100.01	97.14	99.79	98.98	1.61	ppb
Sodium	23-2	10201.13	10541.08	10403.48	10381.90	1.65	ppb
Strontium	86-1	115.48	116.98	117.97	116.81	1.07	ppb
Strontium	88-1	117.01	119.16	119.65	118.60	1.18	ppb
Sulfur	34-1	-12031.06	-12385.89	-12152.71	-12189.89		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	95.59	96.49	96.11	96.06	0.47	ppb
Thallium	205-1	96.37	97.39	96.98	96.92	0.53	ppb
Tin	118-1	6.28	6.22	6.17	6.22	0.92	ppb
Titanium	47-1	185.21	185.24	183.78	184.75	0.45	ppb
Uranium	238-1	105.20	103.12	103.47	103.93	1.07	ppb
Vanadium	51-2	211.82	213.76	215.24	213.61	0.80	ppb
Yttrium	89-1				112		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:50:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	266.49	268.65	274.27	269.81	1.49	ppb
Zirconium	90-1	86.85	87.34	87.88	87.35	0.59	ppb
Zirconium	91-1	85.99	84.57	85.83	85.47	0.91	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02MSDDLX5 Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 14:53:29 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37490.72	36443.07	36157.71	36697.17	1.91	ppb
Antimony	121-1	9.56	9.66	9.61	9.61	0.53	ppb
Arsenic	75-2	96.14	96.50	95.01	95.88	0.81	ppb
Barium	135-1	1172.62	1217.34	1186.10	1192.02	1.92	ppb
Barium	137-1	1183.10	1199.77	1195.33	1192.73	0.72	ppb
Beryllium	9-1	102.20	102.09	103.15	102.48	0.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	33.15	39.68	44.90	39.24	15.00	ppb
Boron	10-1	33.82	40.12	43.16	39.03	12.20	ppb
Bromine	81-1						cps
Cadmium	106-1	95.86	100.87	88.08	94.94	6.79	ppb
Cadmium	108-1	101.58	99.69	94.19	98.49	3.90	ppb
Cadmium	111-1	98.39	102.60	99.43	100.14	2.19	ppb
Calcium	43-1	12301.22	12567.90	12508.25	12459.12	1.12	ppb
Calcium	44-1	12432.75	12727.30	12380.21	12513.42	1.50	ppb
Chromium	52-2	171.61	166.95	167.30	168.62	1.54	ppb
Cobalt	59-2	115.22	111.39	111.85	112.82	1.85	ppb
Copper	63-2	218.92	211.57	211.86	214.12	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	56625.66	54287.54	54871.98	55261.73	2.20	ppb
Iron	56-2	55847.23	53966.69	53407.16	54407.03	2.35	ppb
Iron	57-2	55058.46	52884.29	52997.05	53646.60	2.28	ppb
Krypton	83-1						cps
Lead	207-1	124.66	129.07	126.74	126.82	1.74	ppb
Lead	208-1	125.87	128.50	127.53	127.30	1.04	ppb
Lead	206-1	126.04	128.34	129.01	127.80	1.22	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02MSDDLX5 Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 14:53:29 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	16471.75	15743.94	15757.06	15990.92	2.60	ppb
Manganese	55-2	253.66	246.03	248.37	249.35	1.57	ppb
Molybdenum	94-1	348.97	351.45	361.17	353.86	1.82	ppb
Molybdenum	95-1	319.49	316.98	324.54	320.34	1.20	ppb
Molybdenum	96-1	323.88	326.42	329.86	326.72	0.92	ppb
Molybdenum	97-1	313.75	317.20	316.30	315.75	0.57	ppb
Molybdenum	98-1	315.03	315.40	321.76	317.40	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.72	130.76	129.78	131.75	1.98	ppb
Phosphorus	31-2	257.73	171.72	226.91	218.79	19.92	ppb
Potassium	39-2	5892.48	5666.32	5733.81	5764.20	2.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	107.70	118.70	104.70	110.36	6.68	ppb
Selenium	78-2	88.76	98.08	91.13	92.66	5.23	ppb
Selenium	82-1	86.67	86.71	87.42	86.93	0.49	ppb
Silicon	28-1	133.19	175.64	127.54	145.46	18.08	ppb
Silver	109-1	96.48	99.91	97.27	97.89	1.84	ppb
Silver	107-1	96.79	101.23	98.24	98.75	2.29	ppb
Sodium	23-2	10693.69	10148.47	10172.73	10338.30	2.98	ppb
Strontium	86-1	117.96	118.97	120.86	119.26	1.23	ppb
Strontium	88-1	121.55	121.78	123.10	122.15	0.68	ppb
Sulfur	34-1	-13258.52	-12786.13	-12980.43	-13008.36		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	96.60	96.33	97.50	96.81	0.63	ppb
Thallium	205-1	95.76	98.13	96.89	96.93	1.23	ppb
Tin	118-1	5.68	5.82	5.63	5.71	1.78	ppb
Titanium	47-1	134.25	226.01	136.10	165.45	31.70	ppb
Uranium	238-1	102.53	104.20	103.64	103.46	0.82	ppb
Vanadium	51-2	176.54	174.26	171.16	173.99	1.55	ppb
Yttrium	89-1				112		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:53:29	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	275.32	266.12	266.07	269.17	1.98	ppb
Zirconium	90-1	86.16	84.88	86.36	85.80	0.93	ppb
Zirconium	91-1	83.50	84.98	85.12	84.54	1.06	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:56:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38564.51	38109.85	38426.27	38366.88	0.61	ppb
Antimony	121-1	116.67	116.98	115.95	116.53	0.45	ppb
Arsenic	75-2	96.45	96.44	97.22	96.70	0.46	ppb
Barium	135-1	936.31	925.20	930.97	930.83	0.60	ppb
Barium	137-1	932.04	945.27	920.98	932.76	1.30	ppb
Beryllium	9-1	103.50	103.85	102.95	103.43	0.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	34.16	41.55	47.45	41.05	16.22	ppb
Boron	10-1	33.43	40.42	41.79	38.55	11.63	ppb
Bromine	81-1						cps
Cadmium	106-1	95.72	97.84	92.68	95.42	2.72	ppb
Cadmium	108-1	96.85	100.64	102.33	99.94	2.81	ppb
Cadmium	111-1	99.67	100.24	99.13	99.68	0.55	ppb
Calcium	43-1	12446.12	12685.65	12627.08	12586.28	0.99	ppb
Calcium	44-1	12522.99	12572.97	12421.78	12505.91	0.62	ppb
Chromium	52-2	174.08	174.87	174.47	174.47	0.23	ppb
Cobalt	59-2	114.88	113.79	114.31	114.32	0.48	ppb
Copper	63-2	214.29	216.77	216.14	215.73	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	56558.81	57619.46	57097.10	57091.79	0.93	ppb
Iron	56-2	56195.07	55874.06	56286.87	56118.67	0.39	ppb
Iron	57-2	54954.08	55074.22	55415.56	55147.95	0.43	ppb
Krypton	83-1						cps
Lead	207-1	128.42	127.72	128.42	128.19	0.32	ppb
Lead	208-1	129.08	126.96	128.02	128.02	0.83	ppb
Lead	206-1	130.01	126.67	129.09	128.59	1.34	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:56:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	16495.18	16408.02	16455.96	16453.05	0.27	ppb
Manganese	55-2	252.29	252.32	258.13	254.25	1.32	ppb
Molybdenum	94-1	353.51	348.33	353.45	351.77	0.84	ppb
Molybdenum	95-1	314.33	312.50	315.98	314.27	0.55	ppb
Molybdenum	96-1	325.35	320.20	324.79	323.44	0.87	ppb
Molybdenum	97-1	313.39	310.64	309.31	311.11	0.67	ppb
Molybdenum	98-1	315.54	314.27	310.80	313.54	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.71	135.31	131.61	133.54	1.39	ppb
Phosphorus	31-2	158.30	215.18	184.69	186.06	15.30	ppb
Potassium	39-2	5854.37	5862.06	5990.04	5902.15	1.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	77-2	141.72	100.01	142.32	128.02	18.95	ppb
Selenium	78-2	97.53	96.11	93.66	95.77	2.04	ppb
Selenium	82-1	85.22	86.05	88.75	86.67	2.13	ppb
Silicon	28-1	95.95	142.58	199.66	146.06	35.56	ppb
Silver	109-1	98.23	98.99	98.65	98.62	0.39	ppb
Silver	107-1	97.82	99.42	99.58	98.94	0.99	ppb
Sodium	23-2	10332.71	10391.88	10363.84	10362.81	0.29	ppb
Strontium	86-1	119.00	116.31	117.48	117.60	1.15	ppb
Strontium	88-1	120.06	119.08	120.04	119.73	0.47	ppb
Sulfur	34-1	-13829.17	-13121.62	-13275.20	-13408.66		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	96.06	96.58	95.39	96.01	0.62	ppb
Thallium	205-1	96.92	96.41	97.06	96.80	0.35	ppb
Tin	118-1	6.09	5.92	6.05	6.02	1.48	ppb
Titanium	47-1	154.98	159.56	162.45	159.00	2.37	ppb
Uranium	238-1	103.98	104.32	104.90	104.40	0.45	ppb
Vanadium	51-2	196.20	194.46	195.54	195.40	0.45	ppb
Yttrium	89-1				112		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:56:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	270.01	274.35	267.33	270.56	1.31	ppb
Zirconium	90-1	85.58	86.04	86.31	85.98	0.43	ppb
Zirconium	91-1	85.11	84.61	84.37	84.70	0.45	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:03:58	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50982.72	52400.57	52455.57	51946.29	1.61	ppb
Antimony	121-1	536.96	536.35	530.11	534.47	0.71	ppb
Arsenic	75-2	504.40	504.67	503.03	504.03	0.17	ppb
Barium	135-1	2519.03	2570.56	2626.79	2572.13	2.10	ppb
Barium	137-1	2548.14	2573.41	2568.11	2563.22	0.52	ppb
Beryllium	9-1	528.00	527.35	530.29	528.55	0.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	416.22	506.03	560.78	494.35	14.76	ppb
Boron	10-1	423.21	501.31	570.74	498.42	14.81	ppb
Bromine	81-1						cps
Cadmium	106-1	494.56	466.43	493.53	484.84	3.29	ppb
Cadmium	108-1	499.27	488.57	496.95	494.93	1.14	ppb
Cadmium	111-1	488.67	496.69	491.67	492.34	0.82	ppb
Calcium	43-1	245536.78	247116.74	244815.88	245823.13	0.48	ppb
Calcium	44-1	242584.53	248213.85	240771.21	243856.53	1.59	ppb
Chromium	52-2	510.86	520.52	527.37	519.58	1.60	ppb
Cobalt	59-2	488.21	499.06	510.10	499.13	2.19	ppb
Copper	63-2	5007.57	5084.78	5114.70	5069.02	1.09	ppb
Dysprosium	156-1						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				102		%
Iron	54-2	121928.57	124073.13	126569.75	124190.48	1.87	ppb
Iron	56-2	122697.34	124612.74	126701.15	124670.41	1.61	ppb
Iron	57-2	125105.10	125218.34	128283.75	126202.40	1.43	ppb
Krypton	83-1						cps
Lead	207-1	2622.75	2625.26	2622.74	2623.59	0.06	ppb
Lead	208-1	2595.72	2606.71	2590.00	2597.48	0.33	ppb
Lead	206-1	2632.07	2625.84	2603.53	2620.48	0.57	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:03:58	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	252189.58	259410.02	260073.72	257224.44	1.70	ppb
Manganese	55-2	5086.13	5263.31	5161.29	5170.24	1.72	ppb
Molybdenum	94-1	2524.20	2533.75	2583.66	2547.20	1.25	ppb
Molybdenum	95-1	2517.05	2483.27	2570.32	2523.55	1.74	ppb
Molybdenum	96-1	2547.56	2528.61	2552.33	2542.83	0.49	ppb
Molybdenum	97-1	2530.14	2482.74	2550.64	2521.17	1.38	ppb
Molybdenum	98-1	2492.14	2477.16	2561.96	2510.42	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.34	509.88	510.66	504.96	1.82	ppb
Phosphorus	31-2	10448.88	10206.24	10252.90	10302.67	1.25	ppb
Potassium	39-2	127177.01	131230.10	131956.02	130121.04	1.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	490.91	496.36	448.28	478.52	5.50	ppb
Selenium	78-2	513.34	513.29	522.77	516.46	1.06	ppb
Selenium	82-1	490.72	492.35	499.56	494.21	0.95	ppb
Silicon	28-1	532.57	581.55	581.92	565.35	5.02	ppb
Silver	109-1	493.65	509.70	505.41	502.92	1.65	ppb
Silver	107-1	493.60	499.47	501.07	498.05	0.79	ppb
Sodium	23-2	254037.00	260307.00	261896.65	258746.89	1.61	ppb
Strontium	86-1	498.61	498.11	505.60	500.77	0.84	ppb
Strontium	88-1	500.76	506.70	511.17	506.21	1.03	ppb
Sulfur	34-1	7313.02	8944.12	7400.32	7885.82	11.64	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	509.44	515.67	510.56	511.89	0.65	ppb
Thallium	205-1	525.91	527.88	514.89	522.89	1.34	ppb
Tin	118-1	498.21	506.21	509.15	504.52	1.12	ppb
Titanium	47-1	2564.28	2563.20	2546.46	2557.98	0.39	ppb
Uranium	238-1	530.16	551.40	532.37	537.98	2.17	ppb
Vanadium	51-2	512.17	518.66	525.53	518.78	1.29	ppb
Yttrium	89-1				106		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:03:58	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4883.83	4983.71	5065.24	4977.60	1.83	ppb
Zirconium	90-1	504.23	510.68	511.44	508.78	0.78	ppb
Zirconium	91-1	503.58	496.31	500.82	500.24	0.73	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P8
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 15:16:27 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-1.82	-1.34	-1.24		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	69.42	ppb
Arsenic	75-2	0.01	-0.03	0.01	0.00		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.02	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.05	0.03	0.06	0.05	31.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	10.94	10.62	10.49	10.68	2.17	ppb
Boron	10-1	10.54	9.68	11.01	10.41	6.45	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.42	-4.30	-3.10	-3.94		ppb
Cadmium	108-1	-0.13	0.18	-0.20	-0.05		ppb
Cadmium	111-1	-0.31	-0.31	-0.22	-0.28		ppb
Calcium	43-1	-5.86	-18.26	-15.97	-13.36		ppb
Calcium	44-1	-57.48	-62.47	-53.29	-57.75		ppb
Chromium	52-2	-0.02	-0.16	0.09	-0.03		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.21	0.15	0.16	0.17	17.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	-1.76	-2.74	-2.69	-2.40		ppb
Iron	56-2	-0.49	-1.02	-0.60	-0.70		ppb
Iron	57-2	0.05	1.33	2.42	1.27	93.64	ppb
Krypton	83-1						cps
Lead	207-1	0.20	0.25	0.23	0.23	9.95	ppb
Lead	208-1	0.20	0.22	0.17	0.20	11.47	ppb
Lead	206-1	0.21	0.20	0.17	0.19	10.46	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:16:27	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	0.87	0.63	-0.44	0.35	198.32	ppb
Manganese	55-2	-0.13	-0.07	-0.11	-0.11		ppb
Molybdenum	94-1	0.02	0.04	-0.01	0.02	159.22	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.00	88.35	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	52.49	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	93.42	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	35.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-74.95	20.93	5.61	-16.14		ppb
Potassium	39-2	11.31	13.91	12.51	12.58	10.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-0.77	-0.77	1.70	0.05	2770.77	ppb
Selenium	78-2	-0.51	2.49	0.17	0.72	219.27	ppb
Selenium	82-1	0.16	0.19	1.23	0.53	115.45	ppb
Silicon	28-1	-18.80	-23.51	-17.62	-19.98		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	28.00	21.46	18.88	22.78	20.64	ppb
Strontium	86-1	-0.37	-0.22	-0.28	-0.29		ppb
Strontium	88-1	-0.01	0.01	-0.01	0.00		ppb
Sulfur	34-1	-1333.72	-2362.03	-1300.73	-1665.49		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.05	0.05	0.03	78.65	ppb
Thallium	205-1	0.03	0.04	0.04	0.03	18.59	ppb
Tin	118-1	-0.01	0.01	0.02	0.00	299.25	ppb
Titanium	47-1	0.22	0.03	-0.24	0.01	3617.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	-0.01	0.00	0.00	365.07	ppb
Yttrium	89-1				101		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:16:27	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.04	-0.04	-0.19	-0.09		ppb
Zirconium	90-1	0.00	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	29.45	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:19:15	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20601.68	19974.49	20331.14	20302.44	1.55	ppb
Antimony	121-1	0.00	0.02	0.03	0.02	95.74	ppb
Arsenic	75-2	3.51	3.42	3.52	3.48	1.48	ppb
Barium	135-1	133.18	134.92	135.16	134.42	0.80	ppb
Barium	137-1	132.77	134.11	133.33	133.40	0.51	ppb
Beryllium	9-1	0.93	1.02	1.02	0.99	5.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	11-1	9.90	10.13	10.19	10.07	1.52	ppb
Boron	10-1	10.10	9.66	9.39	9.72	3.71	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.06	-3.09	-3.08	-2.41		ppb
Cadmium	108-1	0.09	0.46	0.46	0.34	63.15	ppb
Cadmium	111-1	0.00	-0.17	-0.17	-0.11		ppb
Calcium	43-1	429.44	407.96	438.24	425.21	3.66	ppb
Calcium	44-1	382.71	381.30	369.97	377.99	1.85	ppb
Chromium	52-2	32.19	30.99	32.06	31.75	2.07	ppb
Cobalt	59-2	8.31	8.03	8.39	8.25	2.31	ppb
Copper	63-2	15.57	14.79	15.14	15.17	2.58	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				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	24523.73	23923.24	24624.74	24357.23	1.56	ppb
Iron	56-2	24815.72	24002.04	24659.21	24492.32	1.76	ppb
Iron	57-2	24504.89	23576.91	24460.93	24180.91	2.17	ppb
Krypton	83-1						cps
Lead	207-1	14.91	14.41	14.75	14.69	1.75	ppb
Lead	208-1	15.23	15.52	15.30	15.35	0.98	ppb
Lead	206-1	15.87	16.32	16.09	16.09	1.40	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:19:15	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	4060.35	3992.17	4111.45	4054.66	1.48	ppb
Manganese	55-2	497.31	484.12	494.79	492.07	1.42	ppb
Molybdenum	94-1	10.54	10.08	10.60	10.41	2.77	ppb
Molybdenum	95-1	1.01	0.93	1.08	1.01	7.04	ppb
Molybdenum	96-1	2.15	2.21	2.32	2.23	4.09	ppb
Molybdenum	97-1	1.03	0.92	0.89	0.95	7.56	ppb
Molybdenum	98-1	1.01	1.01	0.97	1.00	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.40	20.08	20.80	20.76	3.17	ppb
Phosphorus	31-2	614.89	504.94	564.56	561.46	9.80	ppb
Potassium	39-2	695.72	681.80	687.53	688.35	1.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	22.35	17.85	27.40	22.54	21.21	ppb
Selenium	78-2	3.34	1.74	2.43	2.50	32.06	ppb
Selenium	82-1	0.93	0.33	1.22	0.83	54.83	ppb
Silicon	28-1	150.43	161.23	163.88	158.51	4.49	ppb
Silver	109-1	0.03	0.02	0.02	0.03	18.15	ppb
Silver	107-1	0.04	0.04	0.03	0.04	6.32	ppb
Sodium	23-2	70.85	72.92	77.41	73.73	4.55	ppb
Strontium	86-1	4.66	4.92	5.15	4.91	5.09	ppb
Strontium	88-1	5.03	5.17	5.22	5.14	1.94	ppb
Sulfur	34-1	-4595.15	-5583.82	-6273.61	-5484.19		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.14	0.21	0.19	24.98	ppb
Thallium	205-1	0.17	0.21	0.22	0.20	12.87	ppb
Tin	118-1	0.19	0.13	0.13	0.15	20.60	ppb
Titanium	47-1	47.45	47.79	47.87	47.70	0.46	ppb
Uranium	238-1	0.90	0.98	0.96	0.95	4.35	ppb
Vanadium	51-2	40.15	40.26	39.92	40.11	0.44	ppb
Yttrium	89-1				108		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:19:15	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	57.58	54.71	58.93	57.08	3.77	ppb
Zirconium	90-1	6.53	6.72	6.60	6.61	1.41	ppb
Zirconium	91-1	6.67	6.16	6.42	6.41	3.97	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:22:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22415.30	22464.22	22761.62	22547.05	0.83	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	72.90	ppb
Arsenic	75-2	4.26	4.42	4.54	4.41	3.27	ppb
Barium	135-1	132.00	131.16	132.60	131.92	0.55	ppb
Barium	137-1	132.25	133.58	131.31	132.38	0.86	ppb
Beryllium	9-1	1.51	1.42	1.48	1.47	3.25	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	11.85	12.39	13.33	12.52	5.96	ppb
Boron	10-1	12.12	11.33	11.55	11.66	3.50	ppb
Bromine	81-1						cps
Cadmium	106-1	0.68	-1.01	-1.86	-0.73		ppb
Cadmium	108-1	0.74	1.17	1.02	0.97	22.35	ppb
Cadmium	111-1	0.17	0.04	-0.03	0.06	175.86	ppb
Calcium	43-1	2122.37	2035.80	2117.93	2092.03	2.33	ppb
Calcium	44-1	2049.20	2028.50	2101.09	2059.60	1.82	ppb
Chromium	52-2	30.80	31.31	31.61	31.24	1.30	ppb
Cobalt	59-2	23.57	23.56	23.84	23.66	0.66	ppb
Copper	63-2	40.03	39.31	39.92	39.75	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	37284.59	37314.76	39173.86	37924.41	2.85	ppb
Iron	56-2	37995.67	37841.69	38687.17	38174.84	1.18	ppb
Iron	57-2	37584.46	37260.31	38025.19	37623.32	1.02	ppb
Krypton	83-1						cps
Lead	207-1	17.33	16.42	16.94	16.90	2.70	ppb
Lead	208-1	17.63	17.49	17.62	17.58	0.46	ppb
Lead	206-1	18.23	18.16	18.10	18.16	0.35	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:22:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	10079.74	10012.77	10175.05	10089.19	0.81	ppb
Manganese	55-2	1105.25	1105.32	1124.20	1111.59	0.98	ppb
Molybdenum	94-1	29.36	28.57	28.68	28.87	1.48	ppb
Molybdenum	95-1	0.32	0.27	0.24	0.28	14.67	ppb
Molybdenum	96-1	3.61	3.84	3.91	3.79	4.07	ppb
Molybdenum	97-1	0.32	0.36	0.35	0.34	5.83	ppb
Molybdenum	98-1	0.26	0.33	0.31	0.30	12.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.20	48.10	50.31	49.54	2.51	ppb
Phosphorus	31-2	790.95	655.71	795.99	747.55	10.65	ppb
Potassium	39-2	3085.02	3000.95	3094.80	3060.26	1.69	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	28.04	46.08	47.41	40.51	26.71	ppb
Selenium	78-2	6.35	5.43	6.02	5.93	7.82	ppb
Selenium	82-1	2.17	-0.17	0.52	0.84	143.16	ppb
Silicon	28-1	196.35	158.03	134.95	163.11	19.01	ppb
Silver	109-1	0.03	0.03	0.01	0.03	37.11	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.21	ppb
Sodium	23-2	144.86	156.59	152.14	151.19	3.92	ppb
Strontium	86-1	16.86	17.07	17.23	17.06	1.09	ppb
Strontium	88-1	17.65	17.50	18.03	17.73	1.55	ppb
Sulfur	34-1	-7942.91	-8185.97	-8190.05	-8106.31		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.27	0.23	0.24	8.52	ppb
Thallium	205-1	0.28	0.27	0.27	0.27	2.00	ppb
Tin	118-1	0.36	0.37	0.41	0.38	6.88	ppb
Titanium	47-1	242.72	243.30	252.61	246.21	2.25	ppb
Uranium	238-1	1.11	1.12	1.06	1.10	2.71	ppb
Vanadium	51-2	39.25	39.06	39.84	39.38	1.04	ppb
Yttrium	89-1				112		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:22:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	106.06	104.84	106.83	105.91	0.95	ppb
Zirconium	90-1	19.26	18.91	19.38	19.18	1.27	ppb
Zirconium	91-1	18.95	18.58	18.56	18.70	1.18	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:24:53	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9250.96	9242.81	9545.79	9346.52	1.85	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	148.23	ppb
Arsenic	75-2	2.07	2.08	2.02	2.06	1.49	ppb
Barium	135-1	109.93	97.41	97.68	101.68	7.03	ppb
Barium	137-1	110.44	97.16	98.30	101.97	7.22	ppb
Beryllium	9-1	0.63	0.58	0.61	0.61	3.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	11-1	8.60	7.61	7.61	7.94	7.19	ppb
Boron	10-1	8.52	6.91	6.95	7.46	12.33	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.18	-2.21	-2.89	-2.76		ppb
Cadmium	108-1	0.37	0.61	0.61	0.53	25.59	ppb
Cadmium	111-1	-0.11	-0.08	-0.15	-0.12		ppb
Calcium	43-1	1469.16	1352.53	1380.84	1400.84	4.34	ppb
Calcium	44-1	1446.80	1266.51	1280.38	1331.23	7.54	ppb
Chromium	52-2	27.89	28.88	28.69	28.48	1.85	ppb
Cobalt	59-2	10.34	10.28	10.58	10.40	1.51	ppb
Copper	63-2	10.77	10.80	10.99	10.86	1.10	ppb
Dysprosium	156-1						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				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	10465.55	10586.38	10673.67	10575.20	0.99	ppb
Iron	56-2	10746.55	10706.78	10873.07	10775.47	0.81	ppb
Iron	57-2	10610.63	10397.32	10708.48	10572.14	1.50	ppb
Krypton	83-1						cps
Lead	207-1	7.15	6.55	6.41	6.70	5.84	ppb
Lead	208-1	7.47	6.73	6.56	6.92	6.97	ppb
Lead	206-1	7.77	6.85	6.67	7.10	8.36	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:24:53	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	3112.84	3079.96	3143.15	3111.99	1.02	ppb
Manganese	55-2	81.76	81.95	83.24	82.32	0.98	ppb
Molybdenum	94-1	14.03	12.11	11.99	12.71	9.02	ppb
Molybdenum	95-1	0.50	0.34	0.31	0.38	26.80	ppb
Molybdenum	96-1	2.13	1.89	1.78	1.93	9.27	ppb
Molybdenum	97-1	0.40	0.34	0.45	0.40	14.05	ppb
Molybdenum	98-1	0.40	0.36	0.34	0.37	8.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.78	16.97	17.53	17.43	2.37	ppb
Phosphorus	31-2	131.59	97.50	76.80	101.96	27.13	ppb
Potassium	39-2	414.93	416.71	433.70	421.78	2.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	19.52	15.42	15.37	16.77	14.21	ppb
Selenium	78-2	0.54	3.35	2.71	2.20	67.09	ppb
Selenium	82-1	1.80	1.87	1.22	1.63	22.00	ppb
Silicon	28-1	187.24	162.61	103.96	151.27	28.28	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.37	ppb
Silver	107-1	0.04	0.05	0.05	0.04	14.64	ppb
Sodium	23-2	191.31	200.72	197.90	196.64	2.46	ppb
Strontium	86-1	7.65	6.47	7.17	7.10	8.38	ppb
Strontium	88-1	7.72	7.15	6.85	7.24	6.14	ppb
Sulfur	34-1	-2239.41	-6794.19	-6734.26	-5255.96		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.12	0.07	0.08	34.69	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	12.26	ppb
Tin	118-1	0.46	0.43	0.43	0.44	2.99	ppb
Titanium	47-1	165.00	150.23	151.06	155.43	5.34	ppb
Uranium	238-1	2.13	1.84	1.79	1.92	9.58	ppb
Vanadium	51-2	26.86	28.90	27.44	27.73	3.79	ppb
Yttrium	89-1				103		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:24:53	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	43.38	40.87	42.60	42.28	3.04	ppb
Zirconium	90-1	8.96	8.32	8.00	8.43	5.83	ppb
Zirconium	91-1	9.01	7.93	7.64	8.19	8.81	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:33:27	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51628.78	51765.19	51247.09	51547.02	0.52	ppb
Antimony	121-1	528.23	540.06	560.67	542.99	3.02	ppb
Arsenic	75-2	507.35	512.88	508.26	509.50	0.58	ppb
Barium	135-1	2560.55	2626.37	2664.10	2617.01	2.00	ppb
Barium	137-1	2577.01	2606.90	2678.25	2620.72	1.98	ppb
Beryllium	9-1	520.43	538.49	557.51	538.81	3.44	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	11-1	413.52	504.78	580.44	499.58	16.73	ppb
Boron	10-1	406.34	511.18	581.88	499.80	17.67	ppb
Bromine	81-1						cps
Cadmium	106-1	495.16	508.15	520.35	507.89	2.48	ppb
Cadmium	108-1	494.43	514.76	526.83	512.01	3.20	ppb
Cadmium	111-1	498.68	506.63	518.97	508.10	2.01	ppb
Calcium	43-1	244572.91	256687.08	257594.35	252951.45	2.87	ppb
Calcium	44-1	243039.79	253467.02	257886.54	251464.45	3.03	ppb
Chromium	52-2	520.18	526.72	516.35	521.08	1.01	ppb
Cobalt	59-2	503.30	512.74	502.93	506.32	1.10	ppb
Copper	63-2	5054.88	5127.99	4973.52	5052.13	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	127146.62	126746.28	125351.49	126414.80	0.75	ppb
Iron	56-2	125482.07	127237.06	123750.60	125489.91	1.39	ppb
Iron	57-2	124612.95	126815.17	126009.62	125812.58	0.89	ppb
Krypton	83-1						cps
Lead	207-1	2633.92	2727.07	2768.55	2709.84	2.54	ppb
Lead	208-1	2598.92	2722.61	2752.35	2691.29	3.02	ppb
Lead	206-1	2587.64	2709.84	2752.98	2683.48	3.20	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:33:27	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	255771.83	259259.45	250079.72	255037.00	1.82	ppb
Manganese	55-2	5186.83	5305.41	5108.16	5200.13	1.91	ppb
Molybdenum	94-1	2532.25	2601.62	2713.93	2615.93	3.50	ppb
Molybdenum	95-1	2537.02	2579.38	2748.00	2621.47	4.26	ppb
Molybdenum	96-1	2538.07	2635.41	2786.76	2653.41	4.72	ppb
Molybdenum	97-1	2528.85	2590.04	2705.88	2608.26	3.45	ppb
Molybdenum	98-1	2499.04	2605.29	2733.58	2612.63	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.79	519.09	504.38	510.42	1.51	ppb
Phosphorus	31-2	10746.90	9763.71	10304.08	10271.56	4.79	ppb
Potassium	39-2	131202.72	130547.41	129191.26	130313.80	0.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	529.56	519.96	438.49	496.01	10.09	ppb
Selenium	78-2	501.08	506.38	514.03	507.16	1.28	ppb
Selenium	82-1	492.25	512.99	528.49	511.24	3.56	ppb
Silicon	28-1	516.71	599.66	628.24	581.54	9.96	ppb
Silver	109-1	504.59	512.52	541.19	519.43	3.71	ppb
Silver	107-1	508.14	519.75	527.67	518.52	1.89	ppb
Sodium	23-2	260475.86	260150.77	256008.01	258878.21	0.96	ppb
Strontium	86-1	506.09	522.95	536.28	521.77	2.90	ppb
Strontium	88-1	508.67	523.01	545.95	525.88	3.58	ppb
Sulfur	34-1	8067.73	10794.40	11817.04	10226.39	18.95	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	507.81	531.42	540.68	526.64	3.22	ppb
Thallium	205-1	514.80	548.40	549.90	537.70	3.69	ppb
Tin	118-1	509.01	514.23	531.04	518.09	2.22	ppb
Titanium	47-1	2503.33	2641.90	2710.53	2618.58	4.03	ppb
Uranium	238-1	527.81	555.47	569.15	550.81	3.82	ppb
Vanadium	51-2	519.02	525.23	511.56	518.60	1.32	ppb
Yttrium	89-1				102		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:33:27	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	5018.41	5049.96	4976.26	5014.88	0.74	ppb
Zirconium	90-1	511.86	525.41	555.65	530.97	4.22	ppb
Zirconium	91-1	500.55	518.30	538.11	518.99	3.62	ppb

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 15:38:35 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.60	0.13	0.32	75.23	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	16.86	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	7.34	ppb
Barium	135-1	0.00	0.00	0.03	0.01	120.46	ppb
Barium	137-1	0.01	-0.03	0.02	0.00		ppb
Beryllium	9-1	0.05	0.06	0.07	0.06	12.94	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	11-1	26.79	25.79	25.14	25.91	3.22	ppb
Boron	10-1	27.71	26.37	25.73	26.60	3.81	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.22	-2.40	-3.16	-3.26		ppb
Cadmium	108-1	0.02	0.17	-0.20	0.00		ppb
Cadmium	111-1	-0.29	-0.18	-0.21	-0.23		ppb
Calcium	43-1	-12.51	-19.46	6.66	-8.44		ppb
Calcium	44-1	-62.56	-61.28	-62.42	-62.08		ppb
Chromium	52-2	0.03	0.09	0.07	0.06	42.97	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.44	0.36	0.43	0.41	10.54	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				104		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	-1.79	-1.00	-1.88	-1.56		ppb
Iron	56-2	-0.92	-0.97	-0.89	-0.93		ppb
Iron	57-2	-2.72	3.89	0.19	0.45	735.53	ppb
Krypton	83-1						cps
Lead	207-1	0.33	0.34	0.34	0.34	2.20	ppb
Lead	208-1	0.29	0.30	0.28	0.29	3.16	ppb
Lead	206-1	0.27	0.29	0.28	0.28	3.44	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:38:35	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1.84	1.21	1.50	1.52	20.71	ppb
Manganese	55-2	-0.07	-0.05	-0.05	-0.06		ppb
Molybdenum	94-1	0.05	-0.02	0.01	0.01	293.43	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.03	0.03	-0.01	0.02	139.46	ppb
Molybdenum	97-1	0.01	-0.01	0.03	0.01	155.73	ppb
Molybdenum	98-1	0.04	0.01	0.00	0.02	97.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.10	-0.06		ppb
Phosphorus	31-2	34.99	47.83	28.07	36.96	27.12	ppb
Potassium	39-2	15.06	25.69	15.76	18.84	31.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	1.67	-0.77	-0.77	0.04	3220.74	ppb
Selenium	78-2	-0.53	1.18	-0.75	-0.03		ppb
Selenium	82-1	0.39	-0.15	0.45	0.23	142.84	ppb
Silicon	28-1	-33.79	-31.37	-29.60	-31.59		ppb
Silver	109-1	0.01	0.01	0.00	0.01	33.23	ppb
Silver	107-1	0.00	0.00	0.00	0.00	396.23	ppb
Sodium	23-2	55.14	38.26	46.48	46.63	18.10	ppb
Strontium	86-1	-0.30	-0.20	-0.14	-0.21		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-2696.52	-2689.65	-2471.16	-2619.11		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.13	0.13	0.13	4.55	ppb
Thallium	205-1	0.19	0.15	0.14	0.16	17.92	ppb
Tin	118-1	0.03	0.02	0.05	0.04	45.17	ppb
Titanium	47-1	-0.25	-0.17	0.03	-0.13		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	84.38	ppb
Yttrium	89-1				103		%

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:38:35	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	0.18	0.23	0.33	0.25	30.94	ppb
Zirconium	90-1	0.01	-0.01	0.02	0.01	273.95	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	45.57	ppb

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:01:21	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	257	270	272	6.16	cps
Antimony	121-1	33	17	33	28	34.63	cps
Arsenic	75-2	3	4	5	4	25.00	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	83	17	17	39	98.97	cps
Beryllium	9-1	14	20	18	17	17.63	cps
Bismuth	209-1	1665601	1688461	1681279	1678447	0.70	cps
Bismuth	209-2	1014649	1039603	997996	1017416	2.06	cps
Boron	11-1	198	234	256	229	12.77	cps
Boron	10-1	62	70	48	60	18.56	cps
Bromine	81-1	1982	1562	1792	1779	11.84	cps
Cadmium	106-1	1375	1317	1150	1281	9.12	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Cadmium	111-1	975	917	803	898	9.70	cps
Calcium	43-1	325	417	367	369	12.42	cps
Calcium	44-1	26667	25473	25298	25813	2.89	cps
Chromium	52-2	1007	993	1073	1024	4.18	cps
Cobalt	59-2	90	77	57	74	22.53	cps
Copper	63-2	233	223	210	222	5.27	cps
Dysprosium	156-1	58	25	42	42	40.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	33	17	99.99	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	33	8	42	28	62.46	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	2671967	2676191	2692380	2680179	0.40	cps
Holmium	165-2	1389287	1413262	1360219	1387589	1.91	cps
Indium	115-1	2381017	2395874	2387042	2387978	0.31	cps
Indium	115-2	385699	392027	378950	385559	1.70	cps
Iron	54-2	533	550	367	483	20.97	cps
Iron	56-2	4429	4073	4167	4223	4.36	cps
Iron	57-2	133	89	150	124	25.46	cps
Krypton	83-1	737	790	660	729	8.97	cps
Lead	207-1	200	239	189	209	12.55	cps
Lead	208-1	1039	1089	1100	1076	3.03	cps
Lead	206-1	283	267	278	276	3.08	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 12:01:21 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	659739	663849	668537	664042	0.66	cps
Magnesium	24-2	200	117	175	164	26.09	cps
Manganese	55-2	153	100	130	128	20.93	cps
Molybdenum	94-1	42	133	67	81	58.82	cps
Molybdenum	95-1	50	33	17	33	50.00	cps
Molybdenum	96-1	58	75	67	67	12.50	cps
Molybdenum	97-1	0	8	33	14	124.91	cps
Molybdenum	98-1	25	8	50	28	75.51	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	97	73	140	103	32.74	cps
Phosphorus	31-2	183	167	200	183	9.09	cps
Potassium	39-2	14132	15025	13832	14330	4.33	cps
Rhodium	103-1	2389956	2380854	2347352	2372721	0.95	cps
Rhodium	103-2	1176429	1212200	1171229	1186619	1.88	cps
Scandium	45-1	1567884	1517360	1491201	1525482	2.56	cps
Scandium	45-2	47612	48913	47371	47965	1.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	19	21	23	25.11	cps
Selenium	82-1	305	274	310	296	6.47	cps
Silicon	28-1	571794	575754	568413	571987	0.64	cps
Silver	109-1	8	17	50	25	88.19	cps
Silver	107-1	58	58	8	42	69.29	cps
Sodium	23-2	22293	23261	22543	22699	2.21	cps
Strontium	86-1	1158	1158	1342	1220	8.68	cps
Strontium	88-1	225	133	200	186	25.46	cps
Sulfur	34-1	433269	428369	429314	430317	0.60	cps
Terbium	159-1	2822643	2895964	2857594	2858734	1.28	cps
Terbium	159-2	1381400	1398814	1348607	1376274	1.85	cps
Thallium	203-1	67	67	92	75	19.24	cps
Thallium	205-1	142	67	133	114	36.09	cps
Tin	118-1	158	192	183	178	9.76	cps
Titanium	47-1	450	433	475	453	4.63	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-2	17	0	10	9	94.38	cps
Yttrium	89-1	4476464	4484974	4386047	4449162	1.23	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:01:21	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	507235	510753	490080	502689	2.20	cps
Zinc	66-2	112	109	132	118	10.63	cps
Zirconium	90-1	258	258	117	211	38.74	cps
Zirconium	91-1	0	25	33	19	89.21	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:04:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	670	640	707	672	4.97	cps
Antimony	121-1	6693	7027	6785	6835	2.52	cps
Arsenic	75-2	115	127	137	126	8.72	cps
Barium	135-1	6794	6435	6418	6549	3.24	cps
Barium	137-1	12339	11856	11981	12058	2.08	cps
Beryllium	9-1	610	660	626	632	4.04	cps
Bismuth	209-1	1561759	1634790	1682563	1626371	3.74	cps
Bismuth	209-2	1008655	1015425	1022605	1015562	0.69	cps
Boron	11-1	4490	5600	6248	5446	16.33	cps
Boron	10-1	1038	1130	1302	1156	11.59	cps
Bromine	81-1	1892	1682	1962	1845	7.91	cps
Cadmium	106-1	1225	1267	1108	1200	6.84	cps
Cadmium	108-1	88	38	88	71	40.75	cps
Cadmium	111-1	1463	1719	1548	1577	8.26	cps
Calcium	43-1	4793	4668	4059	4506	8.71	cps
Calcium	44-1	91817	94417	92588	92941	1.44	cps
Chromium	52-2	2834	2604	2500	2646	6.45	cps
Cobalt	59-2	1490	1660	1597	1582	5.43	cps
Copper	63-2	2670	2830	2830	2777	3.33	cps
Dysprosium	156-1	33	8	33	25	57.74	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	10	3	23	12	83.33	cps
Holmium	165-1	2485225	2607720	2676409	2589784	3.74	cps
Holmium	165-2	1364694	1386473	1392200	1381122	1.05	cps
Indium	115-1	2278807	2379284	2407576	2355222	2.87	cps
Indium	115-2	382710	386043	385337	384697	0.46	cps
Iron	54-2	2450	2511	2434	2465	1.66	cps
Iron	56-2	38447	38179	38352	38326	0.35	cps
Iron	57-2	906	1072	922	967	9.50	cps
Krypton	83-1	763	660	720	714	7.26	cps
Lead	207-1	2150	1922	2139	2071	6.20	cps
Lead	208-1	9090	8601	8951	8881	2.84	cps
Lead	206-1	2261	2217	2139	2206	2.81	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:04:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	627140	654244	671409	650931	3.43	cps
Magnesium	24-2	24187	24563	24195	24315	0.88	cps
Manganese	55-2	467	500	573	513	10.63	cps
Molybdenum	94-1	6810	6477	6652	6646	2.51	cps
Molybdenum	95-1	8419	8620	8036	8358	3.55	cps
Molybdenum	96-1	8828	9303	8820	8984	3.08	cps
Molybdenum	97-1	4818	5526	4918	5087	7.54	cps
Molybdenum	98-1	13006	13382	13182	13190	1.42	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	650	553	630	611	8.35	cps
Phosphorus	31-2	217	233	233	228	4.23	cps
Potassium	39-2	32362	32629	31852	32281	1.22	cps
Rhodium	103-1	2248417	2301795	2410375	2320196	3.56	cps
Rhodium	103-2	1179340	1185474	1194439	1186417	0.64	cps
Scandium	45-1	1423534	1518491	1539900	1493975	4.15	cps
Scandium	45-2	47649	47943	48334	47975	0.72	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	46	50	49	48	4.32	cps
Selenium	82-1	528	654	598	593	10.62	cps
Silicon	28-1	589983	593272	583726	588994	0.82	cps
Silver	109-1	3226	3384	2825	3145	9.15	cps
Silver	107-1	3509	3292	3501	3434	3.58	cps
Sodium	23-2	68017	69365	69156	68846	1.05	cps
Strontium	86-1	2042	2117	1875	2011	6.15	cps
Strontium	88-1	7844	8027	7644	7838	2.45	cps
Sulfur	34-1	427917	430413	432480	430270	0.53	cps
Terbium	159-1	2680551	2769372	2867891	2772605	3.38	cps
Terbium	159-2	1364202	1384681	1375147	1374677	0.75	cps
Thallium	203-1	2350	2409	2559	2439	4.41	cps
Thallium	205-1	5643	5593	5726	5654	1.19	cps
Tin	118-1	12106	12014	12097	12072	0.42	cps
Titanium	47-1	2542	3025	2675	2748	9.09	cps
Uranium	238-1	7094	7661	7077	7277	4.57	cps
Vanadium	51-2	3447	3404	3307	3386	2.12	cps
Yttrium	89-1	4211462	4398919	4465969	4358784	3.03	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:04:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	500777	503221	504553	502850	0.38	cps
Zinc	66-2	383	468	455	436	10.49	cps
Zirconium	90-1	4951	5101	4668	4907	4.49	cps
Zirconium	91-1	1058	1075	1258	1131	9.82	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 12:07:34 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16746	17367	17097	17070	1.82	cps
Antimony	121-1	177329	174890	179162	177127	1.21	cps
Arsenic	75-2	5805	5645	5690	5713	1.44	cps
Barium	135-1	169341	168361	170894	169532	0.75	cps
Barium	137-1	296234	297927	302282	298814	1.04	cps
Beryllium	9-1	32627	32842	33890	33120	2.04	cps
Bismuth	209-1	1695796	1647801	1699744	1681114	1.72	cps
Bismuth	209-2	1040211	1034665	1027262	1034046	0.63	cps
Boron	11-1	10620	12261	13051	11977	10.36	cps
Boron	10-1	2312	2558	3002	2624	13.33	cps
Bromine	81-1	1462	1502	1381	1448	4.22	cps
Cadmium	106-1	5118	5476	5760	5451	5.90	cps
Cadmium	108-1	2921	2867	2763	2850	2.82	cps
Cadmium	111-1	39507	40547	40798	40284	1.70	cps
Calcium	43-1	44051	42355	43784	43397	2.10	cps
Calcium	44-1	734388	726573	732212	731058	0.55	cps
Chromium	52-2	43095	43509	43429	43344	0.51	cps
Cobalt	59-2	78954	78270	77181	78135	1.14	cps
Copper	63-2	620146	616245	610642	615678	0.78	cps
Dysprosium	156-1	8	42	8	19	99.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	42	8	100	50	92.80	cps
Gadolinium	160-2	13	0	17	10	88.20	cps
Holmium	165-1	2683787	2630670	2678439	2664299	1.10	cps
Holmium	165-2	1432728	1407537	1409334	1416533	0.99	cps
Indium	115-1	2450132	2372483	2481428	2434681	2.30	cps
Indium	115-2	392087	391990	389878	391318	0.32	cps
Iron	54-2	92603	93470	92218	92764	0.69	cps
Iron	56-2	1727083	1680722	1679393	1695733	1.60	cps
Iron	57-2	41695	41617	40719	41344	1.31	cps
Krypton	83-1	740	697	773	737	5.22	cps
Lead	207-1	434586	442676	452406	443222	2.01	cps
Lead	208-1	1977804	1995257	2011693	1994918	0.85	cps
Lead	206-1	492933	495582	497426	495314	0.46	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 12:07:34 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	674756	657597	674683	669012	1.48	cps
Magnesium	24-2	254792	253995	250043	252943	1.01	cps
Manganese	55-2	193794	193996	192668	193486	0.37	cps
Molybdenum	94-1	314982	311988	320121	315697	1.30	cps
Molybdenum	95-1	389571	381325	387033	385976	1.09	cps
Molybdenum	96-1	427831	422092	431771	427232	1.14	cps
Molybdenum	97-1	239116	237467	240344	238976	0.60	cps
Molybdenum	98-1	619413	614159	623209	618927	0.73	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	21960	21607	21944	21837	0.91	cps
Phosphorus	31-2	1325	1200	1308	1278	5.31	cps
Potassium	39-2	110202	105711	105047	106987	2.62	cps
Rhodium	103-1	2435567	2286972	2428920	2383820	3.52	cps
Rhodium	103-2	1197580	1192861	1192699	1194380	0.23	cps
Scandium	45-1	1558125	1512646	1532024	1534265	1.49	cps
Scandium	45-2	48960	48605	48033	48533	0.96	cps
Selenium	77-2	63	57	97	72	29.67	cps
Selenium	78-2	282	264	266	271	3.64	cps
Selenium	82-1	2802	2871	2851	2841	1.24	cps
Silicon	28-1	679948	678836	688703	682496	0.79	cps
Silver	109-1	187986	187074	192601	189221	1.57	cps
Silver	107-1	200973	198853	202327	200718	0.87	cps
Sodium	23-2	500420	493300	495586	496435	0.73	cps
Strontium	86-1	47707	47874	48819	48133	1.25	cps
Strontium	88-1	412316	406934	412940	410730	0.80	cps
Sulfur	34-1	443984	443102	452704	446597	1.19	cps
Terbium	159-1	2874677	2770336	2889341	2844785	2.28	cps
Terbium	159-2	1410726	1406866	1411057	1409550	0.17	cps
Thallium	203-1	124409	123693	123703	123935	0.33	cps
Thallium	205-1	291363	290467	294941	292257	0.81	cps
Tin	118-1	121174	119309	121243	120575	0.91	cps
Titanium	47-1	106998	106450	109105	107518	1.30	cps
Uranium	238-1	367084	370936	371643	369887	0.66	cps
Vanadium	51-2	32437	32677	32861	32658	0.65	cps
Yttrium	89-1	4542464	4406380	4515916	4488253	1.61	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:07:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	507092	509211	505678	507327	0.35	cps
Zinc	66-2	89725	87940	87341	88335	1.40	cps
Zirconium	90-1	258701	261331	265576	261869	1.32	cps
Zirconium	91-1	57971	56883	59001	57952	1.83	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:10:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41496	42281	42204	41994	1.03	cps
Antimony	121-1	450506	441374	446977	446285	1.03	cps
Arsenic	75-2	13984	14038	14314	14112	1.25	cps
Barium	135-1	427110	431089	428480	428893	0.47	cps
Barium	137-1	754769	754271	746297	751779	0.63	cps
Beryllium	9-1	82446	83813	83879	83379	0.97	cps
Bismuth	209-1	1724936	1724551	1723234	1724240	0.05	cps
Bismuth	209-2	1041917	1045910	935482	1007769	6.22	cps
Boron	11-1	25509	29836	32207	29184	11.64	cps
Boron	10-1	5504	6596	6834	6311	11.24	cps
Bromine	81-1	1522	1512	1502	1512	0.66	cps
Cadmium	106-1	11555	10830	11647	11344	3.95	cps
Cadmium	108-1	7081	6977	7069	7042	0.81	cps
Cadmium	111-1	101030	100633	100272	100645	0.38	cps
Calcium	43-1	107416	109575	109642	108878	1.16	cps
Calcium	44-1	1732046	1748838	1773704	1751529	1.20	cps
Chromium	52-2	107315	105982	106909	106735	0.64	cps
Cobalt	59-2	193280	194503	191822	193201	0.69	cps
Copper	63-2	1516280	1518555	1525314	1520050	0.31	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	50	58	25	44	39.03	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	2753437	2710327	2760779	2741514	0.99	cps
Holmium	165-2	1411636	1433394	1279139	1374723	6.07	cps
Indium	115-1	2463471	2476826	2474184	2471494	0.29	cps
Indium	115-2	388523	388978	347658	375053	6.33	cps
Iron	54-2	227855	228257	227630	227914	0.14	cps
Iron	56-2	4177955	4139909	4159077	4158980	0.46	cps
Iron	57-2	102543	103490	103354	103129	0.50	cps
Krypton	83-1	660	710	770	713	7.72	cps
Lead	207-1	1131637	1119894	1121980	1124504	0.56	cps
Lead	208-1	5125708	5054661	5091682	5090683	0.70	cps
Lead	206-1	1255041	1248242	1249424	1250903	0.29	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:10:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	683894	685008	684404	684435	0.08	cps
Magnesium	24-2	623564	626217	639040	629607	1.31	cps
Manganese	55-2	475390	483572	481467	480143	0.88	cps
Molybdenum	94-1	801488	797466	796340	798432	0.34	cps
Molybdenum	95-1	973855	980235	976994	977028	0.33	cps
Molybdenum	96-1	1086334	1081028	1078761	1082041	0.36	cps
Molybdenum	97-1	616364	606193	608942	610499	0.86	cps
Molybdenum	98-1	1561378	1532965	1582008	1558783	1.58	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	53466	53065	53423	53318	0.41	cps
Phosphorus	31-2	2709	3150	2817	2892	7.96	cps
Potassium	39-2	243989	241160	247519	244222	1.30	cps
Rhodium	103-1	2440391	2424693	2438380	2434488	0.35	cps
Rhodium	103-2	1184154	1195910	1074081	1151382	5.84	cps
Scandium	45-1	1548112	1569086	1576427	1564542	0.94	cps
Scandium	45-2	47365	48552	43487	46468	5.70	cps
Selenium	77-2	183	197	163	181	9.26	cps
Selenium	78-2	626	654	681	654	4.21	cps
Selenium	82-1	6800	6648	6622	6690	1.44	cps
Silicon	28-1	827339	837656	842922	835972	0.95	cps
Silver	109-1	478664	478455	479758	478959	0.15	cps
Silver	107-1	499926	501372	497514	499604	0.39	cps
Sodium	23-2	1192792	1185033	1226914	1201580	1.85	cps
Strontium	86-1	120719	121113	120131	120654	0.41	cps
Strontium	88-1	1040609	1041267	1048307	1043395	0.41	cps
Sulfur	34-1	456967	458668	455591	457075	0.34	cps
Terbium	159-1	2922236	2893017	2838981	2884744	1.46	cps
Terbium	159-2	1409580	1417447	1259072	1362033	6.55	cps
Thallium	203-1	315926	313443	310008	313125	0.95	cps
Thallium	205-1	738126	735057	741371	738185	0.43	cps
Tin	118-1	301958	302085	299382	301141	0.51	cps
Titanium	47-1	270971	271220	273234	271808	0.46	cps
Uranium	238-1	937645	946306	931997	938650	0.77	cps
Vanadium	51-2	81782	82023	82137	81981	0.22	cps
Yttrium	89-1	4627961	4561518	4617089	4602189	0.77	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:10:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	500502	502853	453147	485501	5.78	cps
Zinc	66-2	218135	218276	217404	217938	0.21	cps
Zirconium	90-1	668868	665466	668412	667582	0.28	cps
Zirconium	91-1	148198	145833	146977	147003	0.80	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:13:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84148	81986	82093	82742	1.47	cps
Antimony	121-1	882700	896180	884435	887771	0.83	cps
Arsenic	75-2	27992	27948	27488	27810	1.00	cps
Barium	135-1	845417	862852	851358	853209	1.04	cps
Barium	137-1	1481836	1502787	1502094	1495572	0.80	cps
Beryllium	9-1	165517	164537	164403	164819	0.37	cps
Bismuth	209-1	1713082	1755848	1725354	1731428	1.27	cps
Bismuth	209-2	1018979	1028838	1044570	1030796	1.25	cps
Boron	11-1	51774	58887	64817	58493	11.16	cps
Boron	10-1	10956	12751	13746	12484	11.33	cps
Bromine	81-1	1652	1572	1271	1498	13.39	cps
Cadmium	106-1	21267	21033	20341	20880	2.31	cps
Cadmium	108-1	13865	13619	14216	13900	2.16	cps
Cadmium	111-1	197792	200348	196876	198339	0.91	cps
Calcium	43-1	212427	213781	212445	212885	0.36	cps
Calcium	44-1	3465708	3361990	3368618	3398772	1.71	cps
Chromium	52-2	209905	210926	208565	209799	0.56	cps
Cobalt	59-2	387165	383407	382469	384347	0.65	cps
Copper	63-2	3036475	3023265	3023702	3027814	0.25	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	0	20	17	12	87.67	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	58	33	25	39	44.61	cps
Gadolinium	160-2	17	10	17	14	26.66	cps
Holmium	165-1	2723924	2768230	2720371	2737508	0.97	cps
Holmium	165-2	1404759	1416165	1434959	1418628	1.07	cps
Indium	115-1	2431500	2470781	2465508	2455929	0.87	cps
Indium	115-2	380336	387157	386792	384762	1.00	cps
Iron	54-2	453496	456292	452143	453977	0.47	cps
Iron	56-2	8272244	8213931	8117829	8201335	0.95	cps
Iron	57-2	203441	207121	206383	205649	0.95	cps
Krypton	83-1	700	763	713	726	4.60	cps
Lead	207-1	2284023	2295404	2265556	2281661	0.66	cps
Lead	208-1	10174887	10385342	10215703	10258644	1.09	cps
Lead	206-1	2502119	2585671	2554300	2547363	1.66	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:13:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	687713	688182	683574	686490	0.37	cps
Magnesium	24-2	1265659	1265408	1223986	1251684	1.92	cps
Manganese	55-2	951126	961441	947006	953191	0.78	cps
Molybdenum	94-1	1562495	1565798	1565285	1564526	0.11	cps
Molybdenum	95-1	1956007	1924198	1920460	1933555	1.01	cps
Molybdenum	96-1	2132578	2120003	2126473	2126351	0.30	cps
Molybdenum	97-1	1210077	1198036	1199774	1202629	0.54	cps
Molybdenum	98-1	3074855	3059846	3053705	3062802	0.36	cps
Neodymium	150-1	33	7	13	18	78.05	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	108077	107630	107143	107616	0.43	cps
Phosphorus	31-2	5384	5601	5068	5351	5.01	cps
Potassium	39-2	474785	477140	468192	473372	0.98	cps
Rhodium	103-1	2425068	2370354	2387945	2394456	1.17	cps
Rhodium	103-2	1167739	1188822	1194967	1183843	1.21	cps
Scandium	45-1	1538996	1569568	1559077	1555880	1.00	cps
Scandium	45-2	47666	47709	48318	47897	0.76	cps
Selenium	77-2	337	357	377	357	5.61	cps
Selenium	78-2	1184	1221	1249	1218	2.68	cps
Selenium	82-1	13032	12842	12614	12829	1.63	cps
Silicon	28-1	941761	959710	949116	950196	0.95	cps
Silver	109-1	948298	947844	954693	950278	0.40	cps
Silver	107-1	989061	999191	981536	989929	0.89	cps
Sodium	23-2	2355221	2414309	2367879	2379136	1.31	cps
Strontium	86-1	236254	238855	241950	239020	1.19	cps
Strontium	88-1	2038419	2014795	2049220	2034145	0.87	cps
Sulfur	34-1	483270	484967	486440	484892	0.33	cps
Terbium	159-1	2920962	2959132	2930223	2936772	0.68	cps
Terbium	159-2	1374606	1403328	1410123	1396019	1.35	cps
Thallium	203-1	617050	628894	618698	621548	1.03	cps
Thallium	205-1	1453851	1487464	1475218	1472178	1.16	cps
Tin	118-1	598794	601461	596374	598876	0.42	cps
Titanium	47-1	534152	538978	533569	535566	0.55	cps
Uranium	238-1	1866725	1916930	1855125	1879594	1.75	cps
Vanadium	51-2	161442	163195	162538	162392	0.55	cps
Yttrium	89-1	4592132	4576702	4576702	4581846	0.19	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:13:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	492391	506807	499635	499611	1.44	cps
Zinc	66-2	430901	429026	432445	430791	0.40	cps
Zirconium	90-1	1323356	1314262	1295028	1310882	1.10	cps
Zirconium	91-1	287385	290659	288960	289001	0.57	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:16:45	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161930	165253	161627	162937	1.23	cps
Antimony	121-1	1758682	1804304	1772619	1778535	1.31	cps
Arsenic	75-2	55482	55828	54777	55362	0.97	cps
Barium	135-1	1712453	1723052	1726544	1720683	0.43	cps
Barium	137-1	2987978	3035377	3034542	3019299	0.90	cps
Beryllium	9-1	329867	335551	329327	331582	1.04	cps
Bismuth	209-1	1758850	1756215	1724020	1746361	1.11	cps
Bismuth	209-2	1029826	1040383	920718	996976	6.65	cps
Boron	11-1	106063	118940	130546	118516	10.33	cps
Boron	10-1	21938	25399	27837	25058	11.83	cps
Bromine	81-1	1462	1542	1382	1462	5.48	cps
Cadmium	106-1	41856	42249	42483	42196	0.75	cps
Cadmium	108-1	28692	29502	27907	28701	2.78	cps
Cadmium	111-1	397957	400295	401619	399957	0.46	cps
Calcium	43-1	437905	430609	439706	436073	1.10	cps
Calcium	44-1	6971464	6816298	6902058	6896607	1.13	cps
Chromium	52-2	414447	413974	408678	412366	0.78	cps
Cobalt	59-2	759036	759980	754458	757825	0.39	cps
Copper	63-2	5975806	5968529	5948898	5964411	0.23	cps
Dysprosium	156-1	58	50	92	67	33.08	cps
Dysprosium	156-2	17	3	23	14	70.51	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	67	17	42	42	60.00	cps
Gadolinium	160-2	20	30	37	29	29.04	cps
Holmium	165-1	2838460	2811865	2752512	2800946	1.57	cps
Holmium	165-2	1414490	1424620	1277525	1372212	5.99	cps
Indium	115-1	2544911	2476578	2488173	2503221	1.46	cps
Indium	115-2	384603	382691	341307	369533	6.62	cps
Iron	54-2	902926	904268	895271	900821	0.54	cps
Iron	56-2	16331808	16586426	16386166	16434800	0.82	cps
Iron	57-2	404742	409148	406799	406896	0.54	cps
Krypton	83-1	707	710	680	699	2.35	cps
Lead	207-1	4624673	4644706	4562225	4610535	0.93	cps
Lead	208-1	20824031	20739466	20616754	20726751	0.50	cps
Lead	206-1	5138931	5129762	5141644	5136779	0.12	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:16:45	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	685176	695739	682519	687811	1.02	cps
Magnesium	24-2	2488620	2446106	2468441	2467722	0.86	cps
Manganese	55-2	1932213	1958522	1928802	1939845	0.84	cps
Molybdenum	94-1	3118991	3144502	3196674	3153389	1.26	cps
Molybdenum	95-1	3865095	3896359	3913797	3891750	0.63	cps
Molybdenum	96-1	4284258	4348212	4318138	4316869	0.74	cps
Molybdenum	97-1	2448664	2451226	2459072	2452987	0.22	cps
Molybdenum	98-1	6243360	6286034	6206322	6245239	0.64	cps
Neodymium	150-1	40	93	87	73	39.63	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	211019	213616	209422	211352	1.00	cps
Phosphorus	31-2	10329	10829	10971	10710	3.15	cps
Potassium	39-2	904341	922344	912032	912906	0.99	cps
Rhodium	103-1	2425818	2419528	2437306	2427551	0.37	cps
Rhodium	103-2	1176112	1167503	1051997	1131871	6.12	cps
Scandium	45-1	1583393	1545157	1591556	1573369	1.57	cps
Scandium	45-2	48053	48435	43096	46528	6.40	cps
Selenium	77-2	733	647	703	694	6.34	cps
Selenium	78-2	2515	2471	2399	2462	2.38	cps
Selenium	82-1	25520	26080	26061	25887	1.23	cps
Silicon	28-1	1322948	1311083	1321231	1318421	0.49	cps
Silver	109-1	1935964	1947992	1901449	1928469	1.25	cps
Silver	107-1	2009473	1995292	2013387	2006051	0.47	cps
Sodium	23-2	4643135	4660186	4626711	4643344	0.36	cps
Strontium	86-1	484806	487590	485036	485811	0.32	cps
Strontium	88-1	4071366	4130456	4113775	4105199	0.74	cps
Sulfur	34-1	538715	544794	540055	541188	0.59	cps
Terbium	159-1	2969121	3001196	2914522	2961613	1.48	cps
Terbium	159-2	1400237	1418045	1268868	1362383	5.98	cps
Thallium	203-1	1265767	1268745	1263240	1265918	0.22	cps
Thallium	205-1	2996972	2974809	3012820	2994867	0.64	cps
Tin	118-1	1222105	1219372	1222748	1221408	0.15	cps
Titanium	47-1	1076252	1084369	1093793	1084805	0.81	cps
Uranium	238-1	3828361	3862072	3869447	3853293	0.57	cps
Vanadium	51-2	322543	329055	325544	325714	1.00	cps
Yttrium	89-1	4638456	4708572	4725609	4690879	0.98	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:16:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	502630	502523	450803	485318	6.16	cps
Zinc	66-2	858041	855468	844532	852680	0.84	cps
Zirconium	90-1	2680491	2640333	2654427	2658417	0.77	cps
Zirconium	91-1	582106	588004	588783	586298	0.62	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:19:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319062	318363	318653	318693	0.11	cps
Antimony	121-1	3508819	3546337	3569713	3541623	0.87	cps
Arsenic	75-2	107987	109501	110608	109365	1.20	cps
Barium	135-1	3439440	3440771	3408290	3429500	0.54	cps
Barium	137-1	5973574	5946514	6059519	5993202	0.98	cps
Beryllium	9-1	656376	659125	657978	657826	0.21	cps
Bismuth	209-1	1720595	1732700	1748613	1733969	0.81	cps
Bismuth	209-2	1034346	1044683	1054030	1044353	0.94	cps
Boron	11-1	214120	244437	266152	241570	10.82	cps
Boron	10-1	45744	52300	56187	51410	10.27	cps
Bromine	81-1	1602	1412	1502	1505	6.32	cps
Cadmium	106-1	81834	81868	81172	81625	0.48	cps
Cadmium	108-1	56026	55980	56603	56203	0.62	cps
Cadmium	111-1	779850	790358	795221	788476	1.00	cps
Calcium	43-1	852468	850166	870538	857724	1.30	cps
Calcium	44-1	13408038	13460992	13904276	13591102	2.01	cps
Chromium	52-2	805226	811859	814622	810569	0.60	cps
Cobalt	59-2	1471621	1479759	1510931	1487437	1.39	cps
Copper	63-2	11490132	11710734	11559984	11586950	0.97	cps
Dysprosium	156-1	92	125	50	89	42.27	cps
Dysprosium	156-2	20	43	17	27	54.47	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	27	37	30	31	16.37	cps
Holmium	165-1	2788063	2797725	2821473	2802420	0.61	cps
Holmium	165-2	1424427	1438279	1458119	1440275	1.18	cps
Indium	115-1	2450765	2468794	2468319	2462626	0.42	cps
Indium	115-2	376945	376204	386537	379896	1.52	cps
Iron	54-2	1787795	1749306	1754299	1763800	1.19	cps
Iron	56-2	31297514	31479010	31581571	31452698	0.46	cps
Iron	57-2	782371	785938	785454	784588	0.25	cps
Krypton	83-1	700	670	717	696	3.40	cps
Lead	207-1	9163533	9196653	9206951	9189046	0.25	cps
Lead	208-1	41225032	41494924	41659899	41459952	0.53	cps
Lead	206-1	10238451	10316586	10375430	10310156	0.67	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:19:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	689242	690995	697601	692613	0.64	cps
Magnesium	24-2	4738033	4702779	4785090	4741968	0.87	cps
Manganese	55-2	3741622	3732830	3710210	3728221	0.43	cps
Molybdenum	94-1	6199746	6270804	6280973	6250508	0.71	cps
Molybdenum	95-1	7731736	7750850	7792316	7758301	0.40	cps
Molybdenum	96-1	8421146	8426332	8532147	8459875	0.74	cps
Molybdenum	97-1	4783267	4862199	4939023	4861497	1.60	cps
Molybdenum	98-1	12415748	12330741	12378288	12374925	0.34	cps
Neodymium	150-1	120	113	100	111	9.17	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	408380	414217	412835	411810	0.74	cps
Phosphorus	31-2	20465	20290	21049	20601	1.93	cps
Potassium	39-2	1775080	1763090	1746092	1761421	0.83	cps
Rhodium	103-1	2387996	2391183	2396126	2391768	0.17	cps
Rhodium	103-2	1158118	1168841	1186621	1171194	1.23	cps
Scandium	45-1	1568010	1545917	1617833	1577253	2.34	cps
Scandium	45-2	47920	47602	48374	47965	0.81	cps
Selenium	77-2	1327	1473	1443	1415	5.48	cps
Selenium	78-2	4682	4769	4790	4747	1.21	cps
Selenium	82-1	49768	50653	51154	50525	1.39	cps
Silicon	28-1	1928959	1943698	1940352	1937670	0.40	cps
Silver	109-1	3771237	3770322	3789146	3776902	0.28	cps
Silver	107-1	3854735	3987147	3971409	3937764	1.84	cps
Sodium	23-2	9016819	9092746	9108744	9072770	0.54	cps
Strontium	86-1	944875	955458	954876	951736	0.63	cps
Strontium	88-1	7950435	8051985	8231557	8077992	1.76	cps
Sulfur	34-1	652961	654529	651894	653128	0.20	cps
Terbium	159-1	2961789	2965428	2944468	2957228	0.38	cps
Terbium	159-2	1431341	1425323	1451088	1435917	0.94	cps
Thallium	203-1	2514517	2538878	2532322	2528572	0.50	cps
Thallium	205-1	5914392	5907566	6019363	5947107	1.05	cps
Tin	118-1	2403932	2402183	2413509	2406541	0.25	cps
Titanium	47-1	2126994	2095011	2126551	2116185	0.87	cps
Uranium	238-1	7527812	7520917	7729986	7592905	1.56	cps
Vanadium	51-2	630865	636184	636590	634546	0.50	cps
Yttrium	89-1	4580621	4624796	4665266	4623561	0.92	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:19:43	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	501203	503028	508032	504088	0.70	cps
Zinc	66-2	1670373	1666915	1650291	1662526	0.65	cps
Zirconium	90-1	5154008	5139042	5234943	5175998	1.00	cps
Zirconium	91-1	1159210	1164559	1192549	1172106	1.53	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:22:43	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1625421	1647051	1644391	1638954	0.72	cps
Antimony	121-1	2875	2584	2825	2761	5.65	cps
Arsenic	75-2	46	66	75	62	23.82	cps
Barium	135-1	6560	6810	6585	6652	2.07	cps
Barium	137-1	12106	11664	12281	12017	2.65	cps
Beryllium	9-1	216	176	158	183	16.19	cps
Bismuth	209-1	1653712	1672981	1499261	1608651	5.92	cps
Bismuth	209-2	983561	997587	1012902	998017	1.47	cps
Boron	11-1	40098	35219	31465	35594	12.16	cps
Boron	10-1	8691	7673	6804	7723	12.23	cps
Bromine	81-1	1662	1512	1822	1665	9.32	cps
Cadmium	106-1	1367	1292	1167	1275	7.92	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Cadmium	111-1	1146	1130	978	1085	8.54	cps
Calcium	43-1	4127137	4156429	4061490	4115019	1.18	cps
Calcium	44-1	66408445	67644837	66570451	66874578	1.00	cps
Chromium	52-2	22418	22461	22992	22624	1.41	cps
Cobalt	59-2	2814	2680	2914	2803	4.18	cps
Copper	63-2	6101	6095	5828	6008	2.60	cps
Dysprosium	156-1	150	208	192	183	16.39	cps
Dysprosium	156-2	97	90	90	92	4.18	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	13	3	27	14	81.07	cps
Gadolinium	160-1	167	175	242	194	21.14	cps
Gadolinium	160-2	120	123	133	126	5.53	cps
Holmium	165-1	2795948	2761395	2549998	2702447	4.93	cps
Holmium	165-2	1404105	1439915	1444579	1429533	1.55	cps
Indium	115-1	2618465	2686852	2385430	2563582	6.16	cps
Indium	115-2	409309	413911	413920	412380	0.64	cps
Iron	54-2	8584997	8588650	8738376	8637341	1.01	cps
Iron	56-2	159275426	159040204	160461142	159592257	0.48	cps
Iron	57-2	3938311	4033773	4046387	4006157	1.48	cps
Krypton	83-1	687	797	740	741	7.42	cps
Lead	207-1	9537	9637	9670	9615	0.72	cps
Lead	208-1	42489	42350	43524	42787	1.50	cps
Lead	206-1	10493	10377	10671	10514	1.41	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:22:43	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	682921	697415	643796	674710	4.11	cps
Magnesium	24-2	23060814	23163202	23340832	23188282	0.61	cps
Manganese	55-2	3824	3777	3777	3793	0.71	cps
Molybdenum	94-1	4401	4668	4159	4409	5.77	cps
Molybdenum	95-1	6760	6910	6460	6710	3.42	cps
Molybdenum	96-1	7269	7961	7561	7597	4.57	cps
Molybdenum	97-1	3826	4142	3801	3923	4.86	cps
Molybdenum	98-1	10496	10446	10221	10387	1.41	cps
Neodymium	150-1	67	40	67	58	26.65	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	7472	7469	7382	7441	0.69	cps
Phosphorus	31-2	275	350	192	272	29.10	cps
Potassium	39-2	8593500	8522317	8580646	8565488	0.44	cps
Rhodium	103-1	2274086	2322749	2049318	2215384	6.58	cps
Rhodium	103-2	1106494	1117926	1129239	1117886	1.02	cps
Scandium	45-1	1576066	1583107	1463567	1540913	4.35	cps
Scandium	45-2	46502	47839	48715	47685	2.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	24	25	31	34.87	cps
Selenium	82-1	306	292	340	313	7.90	cps
Silicon	28-1	699280	719519	719679	712826	1.65	cps
Silver	109-1	1242	1367	1067	1225	12.30	cps
Silver	107-1	1117	1158	1258	1178	6.18	cps
Sodium	23-2	44091142	43766629	45293417	44383729	1.81	cps
Strontium	86-1	3200	3275	2867	3114	6.98	cps
Strontium	88-1	17678	19164	17445	18096	5.15	cps
Sulfur	34-1	418917	423777	421591	421428	0.58	cps
Terbium	159-1	2909009	2990753	2680314	2860025	5.63	cps
Terbium	159-2	1397185	1415585	1418154	1410308	0.81	cps
Thallium	203-1	1950	2059	2000	2003	2.71	cps
Thallium	205-1	5276	4776	4359	4804	9.56	cps
Tin	118-1	2067	2134	2109	2103	1.60	cps
Titanium	47-1	667	10558	750	3992	142.47	cps
Uranium	238-1	1150	1108	850	1036	15.69	cps
Vanadium	51-2	273	247	300	273	9.76	cps
Yttrium	89-1	4646408	4752993	4226400	4541934	6.13	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:22:43	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	507821	512213	514235	511423	0.64	cps
Zinc	66-2	8333	8467	8678	8493	2.04	cps
Zirconium	90-1	1542	1558	1675	1592	4.56	cps
Zirconium	91-1	250	333	442	342	28.13	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:50:42	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8973	8933	8693	8866	1.71	cps
Antimony	121-1	672469	680041	677163	676558	0.56	cps
Arsenic	75-2	21387	21458	21524	21457	0.32	cps
Barium	135-1	66263	67041	69579	67628	2.56	cps
Barium	137-1	119946	118038	119022	119002	0.80	cps
Beryllium	9-1	64250	64910	65367	64842	0.87	cps
Bismuth	209-1	1690813	1688673	1722058	1700515	1.10	cps
Bismuth	209-2	1008534	1022779	908251	979855	6.37	cps
Boron	11-1	73410	92608	107601	91207	18.79	cps
Boron	10-1	15397	19579	22569	19182	18.78	cps
Bromine	81-1	1602	1422	1442	1488	6.64	cps
Cadmium	106-1	12623	12581	12498	12567	0.51	cps
Cadmium	108-1	7198	7085	7352	7212	1.86	cps
Cadmium	111-1	79085	80701	79757	79847	1.02	cps
Calcium	43-1	17411	17511	17795	17572	1.13	cps
Calcium	44-1	296251	296002	295780	296011	0.08	cps
Chromium	52-2	79992	80974	80116	80361	0.67	cps
Cobalt	59-2	149280	148754	147401	148478	0.65	cps
Copper	63-2	118479	119226	118217	118641	0.44	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	0	20	3	8	137.80	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	2732317	2738100	2733296	2734571	0.11	cps
Holmium	165-2	1366809	1372380	1224300	1321163	6.35	cps
Indium	115-1	2376127	2419967	2399790	2398628	0.91	cps
Indium	115-2	369343	374622	335309	359758	5.93	cps
Iron	54-2	68983	69440	68335	68919	0.81	cps
Iron	56-2	1219862	1221224	1226066	1222384	0.27	cps
Iron	57-2	30488	31190	30522	30733	1.29	cps
Krypton	83-1	733	667	737	712	5.54	cps
Lead	207-1	342158	352888	354979	350009	1.97	cps
Lead	208-1	1609583	1640462	1653919	1634655	1.39	cps
Lead	206-1	412602	419208	428766	420192	1.93	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:50:42	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	689037	698016	695410	694154	0.67	cps
Magnesium	24-2	55506	56267	55632	55802	0.73	cps
Manganese	55-2	36620	35912	36022	36185	1.05	cps
Molybdenum	94-1	2917454	2907796	2967439	2930896	1.09	cps
Molybdenum	95-1	3618055	3671785	3602874	3630905	1.00	cps
Molybdenum	96-1	4002781	4009075	4007935	4006597	0.08	cps
Molybdenum	97-1	2254245	2290055	2285694	2276665	0.86	cps
Molybdenum	98-1	5798117	5802811	5796086	5799005	0.06	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41143	41915	41540	41533	0.93	cps
Phosphorus	31-2	208	233	283	242	15.80	cps
Potassium	39-2	83567	80123	81103	81597	2.17	cps
Rhodium	103-1	2361406	2385524	2353190	2366707	0.71	cps
Rhodium	103-2	1147672	1160719	1045051	1117814	5.67	cps
Scandium	45-1	1526708	1557039	1556815	1546854	1.13	cps
Scandium	45-2	47053	47709	42651	45804	6.01	cps
Selenium	77-2	243	270	290	268	8.74	cps
Selenium	78-2	1024	988	972	995	2.68	cps
Selenium	82-1	10536	10299	10325	10387	1.25	cps
Silicon	28-1	1211174	1213432	1228582	1217729	0.78	cps
Silver	109-1	177753	178504	176613	177623	0.54	cps
Silver	107-1	187097	187056	187689	187281	0.19	cps
Sodium	23-2	204410	202405	201587	202801	0.72	cps
Strontium	86-1	441345	452001	446403	446583	1.19	cps
Strontium	88-1	3793939	3849302	3847726	3830322	0.82	cps
Sulfur	34-1	436348	436394	430884	434542	0.73	cps
Terbium	159-1	2881209	2865544	2901568	2882774	0.63	cps
Terbium	159-2	1368107	1363373	1227104	1319528	6.07	cps
Thallium	203-1	499940	510016	510848	506935	1.20	cps
Thallium	205-1	1188587	1201886	1217280	1202584	1.19	cps
Tin	118-1	1133851	1141157	1145246	1140085	0.51	cps
Titanium	47-1	1018490	1013239	1022557	1018095	0.46	cps
Uranium	238-1	3839489	3903388	3957040	3899972	1.51	cps
Vanadium	51-2	61578	61990	61056	61541	0.76	cps
Yttrium	89-1	4445948	4501798	4553614	4500453	1.20	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 12:50:42	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	480935	487970	438915	469273	5.65	cps
Zinc	66-2	32169	32139	31899	32069	0.46	cps
Zirconium	90-1	2369467	2416014	2422308	2402596	1.20	cps
Zirconium	91-1	540040	536179	538159	538126	0.36	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:02:21 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	333	300	303	9.39	cps
Antimony	121-1	8	83	75	56	74.00	cps
Arsenic	75-2	9	2	8	6	59.78	cps
Barium	135-1	33	25	33	31	15.74	cps
Barium	137-1	42	25	42	36	26.65	cps
Beryllium	9-1	42	34	40	39	10.77	cps
Bismuth	209-1	1727259	1720690	1665994	1704647	1.97	cps
Bismuth	209-2	1025180	1000677	996385	1007414	1.54	cps
Boron	11-1	2904	2814	2848	2855	1.59	cps
Boron	10-1	590	594	636	607	4.20	cps
Bromine	81-1	1442	1502	1732	1558	9.83	cps
Cadmium	106-1	1042	908	1008	986	7.04	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Cadmium	111-1	735	645	710	697	6.61	cps
Calcium	43-1	383	333	358	358	6.98	cps
Calcium	44-1	19580	20565	20549	20231	2.79	cps
Chromium	52-2	963	1003	1013	993	2.66	cps
Cobalt	59-2	47	53	43	48	10.66	cps
Copper	63-2	387	423	407	406	4.53	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	42	17	19	107.85	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	2702604	2743031	2683588	2709741	1.12	cps
Holmium	165-2	1401192	1348199	1354994	1368129	2.11	cps
Indium	115-1	2447681	2479033	2350703	2425806	2.76	cps
Indium	115-2	381832	370603	365040	372492	2.30	cps
Iron	54-2	406	517	400	441	14.93	cps
Iron	56-2	3389	3434	3328	3384	1.57	cps
Iron	57-2	189	122	156	156	21.43	cps
Krypton	83-1	727	720	713	720	0.93	cps
Lead	207-1	356	278	428	354	21.21	cps
Lead	208-1	1811	1900	1745	1819	4.29	cps
Lead	206-1	389	506	444	446	13.08	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:02:21	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	705748	700514	685490	697251	1.51	cps
Magnesium	24-2	150	192	175	172	12.17	cps
Manganese	55-2	117	77	77	90	25.66	cps
Molybdenum	94-1	67	83	133	94	36.73	cps
Molybdenum	95-1	125	33	42	67	76.03	cps
Molybdenum	96-1	142	67	142	117	37.11	cps
Molybdenum	97-1	50	17	42	36	48.03	cps
Molybdenum	98-1	50	42	58	50	16.66	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	110	77	88	21.92	cps
Phosphorus	31-2	133	208	175	172	21.82	cps
Potassium	39-2	13473	14007	14283	13921	2.96	cps
Rhodium	103-1	2384433	2414688	2321999	2373707	1.99	cps
Rhodium	103-2	1174889	1137088	1145455	1152477	1.72	cps
Scandium	45-1	1564558	1561864	1523981	1550134	1.46	cps
Scandium	45-2	47485	45595	45893	46324	2.19	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	23	20	27	23	15.05	cps
Selenium	82-1	332	219	256	269	21.39	cps
Silicon	28-1	556055	558447	556143	556881	0.24	cps
Silver	109-1	42	0	33	25	88.19	cps
Silver	107-1	33	25	58	39	44.61	cps
Sodium	23-2	22192	23319	22676	22729	2.49	cps
Strontium	86-1	1042	1092	1017	1050	3.64	cps
Strontium	88-1	150	217	217	194	19.80	cps
Sulfur	34-1	437523	433082	431054	433886	0.76	cps
Terbium	159-1	2920907	2873659	2826209	2873592	1.65	cps
Terbium	159-2	1385129	1342009	1345235	1357458	1.77	cps
Thallium	203-1	67	58	25	50	44.10	cps
Thallium	205-1	217	200	233	217	7.69	cps
Tin	118-1	108	167	292	189	49.59	cps
Titanium	47-1	417	367	475	419	12.93	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	7	23	20	17	52.90	cps
Yttrium	89-1	4529690	4546678	4375881	4484083	2.10	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:02:21	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	495161	478490	478577	484076	1.98	cps
Zinc	66-2	91	111	67	90	24.29	cps
Zirconium	90-1	208	225	208	214	4.50	cps
Zirconium	91-1	25	58	83	56	52.68	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:05:23 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1440351	1436057	1425505	1433971	0.53	cps
Antimony	121-1	3742	4284	4034	4020	6.75	cps
Arsenic	75-2	47	41	55	48	14.75	cps
Barium	135-1	850	1017	1133	1000	14.24	cps
Barium	137-1	1625	1783	1633	1681	5.30	cps
Beryllium	9-1	236	192	246	225	12.79	cps
Bismuth	209-1	1671622	1678286	1669668	1673192	0.27	cps
Bismuth	209-2	999982	1003142	1007847	1003657	0.39	cps
Boron	11-1	2790	2592	2576	2652	4.49	cps
Boron	10-1	664	510	558	577	13.65	cps
Bromine	81-1	1772	1692	2022	1829	9.42	cps
Cadmium	106-1	1192	1158	1092	1147	4.44	cps
Cadmium	108-1	529	483	546	519	6.23	cps
Cadmium	111-1	1055	1118	999	1058	5.66	cps
Calcium	43-1	800740	815296	813077	809704	0.97	cps
Calcium	44-1	12811906	12876400	12887842	12858716	0.32	cps
Chromium	52-2	16386	16369	16710	16488	1.16	cps
Cobalt	59-2	1643	1650	1767	1687	4.11	cps
Copper	63-2	9847	9670	9830	9782	1.00	cps
Dysprosium	156-1	25	17	50	31	56.77	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	10	3	20	11	75.52	cps
Holmium	165-1	2790746	2708786	2727531	2742354	1.57	cps
Holmium	165-2	1382326	1385523	1388889	1385579	0.24	cps
Indium	115-1	2428514	2424702	2421174	2424797	0.15	cps
Indium	115-2	370843	377687	375167	374565	0.92	cps
Iron	54-2	3314260	3285007	3345708	3314992	0.92	cps
Iron	56-2	60424621	59329978	60918028	60224209	1.35	cps
Iron	57-2	1533758	1518229	1553337	1535108	1.15	cps
Krypton	83-1	690	673	643	669	3.53	cps
Lead	207-1	8064	7413	7730	7736	4.20	cps
Lead	208-1	37260	36354	36009	36541	1.77	cps
Lead	206-1	9759	9871	9704	9778	0.87	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:05:23 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	699158	691883	695024	695355	0.52	cps
Magnesium	24-2	4439144	4421555	4437697	4432798	0.22	cps
Manganese	55-2	2717	2627	2804	2716	3.25	cps
Molybdenum	94-1	1658668	1676630	1634319	1656539	1.28	cps
Molybdenum	95-1	2897822	2900046	2895404	2897757	0.08	cps
Molybdenum	96-1	3041618	3093321	3061544	3065494	0.85	cps
Molybdenum	97-1	1781090	1813650	1823604	1806115	1.23	cps
Molybdenum	98-1	4526228	4619455	4628211	4591298	1.23	cps
Neodymium	150-1	13	0	33	16	107.86	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2260	2254	2224	2246	0.87	cps
Phosphorus	31-2	97216	94121	97007	96115	1.80	cps
Potassium	39-2	3335175	3318787	3298356	3317439	0.56	cps
Rhodium	103-1	2323158	2313988	2338515	2325220	0.53	cps
Rhodium	103-2	1137148	1140506	1131693	1136449	0.39	cps
Scandium	45-1	1549861	1576821	1571526	1566069	0.91	cps
Scandium	45-2	46528	46806	46418	46584	0.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	25	28	25	9.93	cps
Selenium	82-1	324	357	351	344	5.11	cps
Silicon	28-1	616895	615147	621640	617894	0.54	cps
Silver	109-1	83	217	117	139	49.96	cps
Silver	107-1	158	208	342	236	40.14	cps
Sodium	23-2	8876014	8715694	8809252	8800320	0.92	cps
Strontium	86-1	32104	31436	32605	32048	1.83	cps
Strontium	88-1	266747	271876	271822	270148	1.09	cps
Sulfur	34-1	1263350	1260848	1221111	1248436	1.90	cps
Terbium	159-1	2890397	2945324	2917705	2917809	0.94	cps
Terbium	159-2	1370396	1373353	1380070	1374606	0.36	cps
Thallium	203-1	392	383	475	417	12.17	cps
Thallium	205-1	1117	1067	1017	1067	4.69	cps
Tin	118-1	967	917	992	958	3.98	cps
Titanium	47-1	811369	819933	822098	817800	0.69	cps
Uranium	238-1	208	142	133	161	25.51	cps
Vanadium	51-2	90	80	137	102	29.59	cps
Yttrium	89-1	4475283	4588213	4589263	4550920	1.44	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:05:23	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	487633	488109	486914	487552	0.12	cps
Zinc	66-2	2035	2024	1968	2009	1.78	cps
Zirconium	90-1	333	267	308	303	11.12	cps
Zirconium	91-1	75	50	83	69	24.98	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:08:13 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1421002	1412845	1402073	1411974	0.67	cps
Antimony	121-1	71839	73455	73138	72811	1.18	cps
Arsenic	75-2	2182	2131	2228	2181	2.23	cps
Barium	135-1	13782	14433	14108	14108	2.31	cps
Barium	137-1	25675	24974	25691	25447	1.61	cps
Beryllium	9-1	12821	13131	13053	13002	1.24	cps
Bismuth	209-1	1685145	1712091	1704848	1700694	0.82	cps
Bismuth	209-2	1003705	1009015	1019449	1010723	0.79	cps
Boron	11-1	12667	14620	15377	14221	9.83	cps
Boron	10-1	2648	3130	3296	3024	11.13	cps
Bromine	81-1	1782	1832	1862	1825	2.22	cps
Cadmium	106-1	2967	2700	3150	2939	7.70	cps
Cadmium	108-1	1613	1667	1579	1620	2.73	cps
Cadmium	111-1	16115	16028	16146	16096	0.38	cps
Calcium	43-1	789548	805394	797169	797370	0.99	cps
Calcium	44-1	12812046	12998370	12652442	12820953	1.35	cps
Chromium	52-2	34522	35210	34612	34781	1.08	cps
Cobalt	59-2	31124	31181	30670	30991	0.90	cps
Copper	63-2	33312	32918	32905	33045	0.70	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	58	8	42	36	70.51	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	2747998	2799012	2801097	2782702	1.08	cps
Holmium	165-2	1391721	1376463	1407733	1391972	1.12	cps
Indium	115-1	2427847	2461792	2484737	2458125	1.16	cps
Indium	115-2	374921	379409	385100	379810	1.34	cps
Iron	54-2	3284975	3283373	3332011	3300120	0.84	cps
Iron	56-2	60200686	60323885	60556556	60360375	0.30	cps
Iron	57-2	1508536	1527698	1521159	1519131	0.64	cps
Krypton	83-1	753	657	577	662	13.36	cps
Lead	207-1	39365	41912	41288	40855	3.25	cps
Lead	208-1	187157	193189	191671	190672	1.65	cps
Lead	206-1	49539	50264	49795	49866	0.74	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:08:13	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	699873	706888	703933	703565	0.50	cps
Magnesium	24-2	4372556	4326311	4419549	4372806	1.07	cps
Manganese	55-2	9723	9707	10431	9954	4.15	cps
Molybdenum	94-1	1765477	1775607	1808908	1783331	1.27	cps
Molybdenum	95-1	2951326	2965750	2958595	2958557	0.24	cps
Molybdenum	96-1	3128582	3158094	3168804	3151827	0.66	cps
Molybdenum	97-1	1787406	1850368	1888440	1842071	2.77	cps
Molybdenum	98-1	4587259	4740979	4709140	4679126	1.73	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	11184	10988	11338	11170	1.57	cps
Phosphorus	31-2	95337	94792	97317	95816	1.39	cps
Potassium	39-2	3341915	3347987	3382664	3357522	0.65	cps
Rhodium	103-1	2358739	2361832	2373576	2364716	0.33	cps
Rhodium	103-2	1133691	1141741	1150278	1141903	0.73	cps
Scandium	45-1	1567929	1553460	1566751	1562713	0.51	cps
Scandium	45-2	46893	46635	47736	47088	1.22	cps
Selenium	77-2	20	17	30	22	31.22	cps
Selenium	78-2	120	96	106	107	11.23	cps
Selenium	82-1	1205	1208	1372	1262	7.60	cps
Silicon	28-1	704752	713413	715209	711125	0.79	cps
Silver	109-1	68278	69969	69769	69338	1.33	cps
Silver	107-1	72332	73186	72508	72675	0.62	cps
Sodium	23-2	8542289	8610389	8663047	8605242	0.70	cps
Strontium	86-1	78101	79953	79551	79202	1.23	cps
Strontium	88-1	669556	689869	672626	677350	1.62	cps
Sulfur	34-1	1191158	1210856	1197261	1199758	0.84	cps
Terbium	159-1	2870657	2944850	2912229	2909245	1.28	cps
Terbium	159-2	1383402	1392510	1402254	1392722	0.68	cps
Thallium	203-1	48081	49629	49971	49227	2.05	cps
Thallium	205-1	116825	120255	116352	117811	1.81	cps
Tin	118-1	120040	118392	119157	119196	0.69	cps
Titanium	47-1	833429	844366	827001	834932	1.05	cps
Uranium	238-1	368573	379135	375140	374283	1.42	cps
Vanadium	51-2	12289	12239	12349	12292	0.45	cps
Yttrium	89-1	4512505	4632765	4533773	4559681	1.41	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:08:13	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	488357	491560	495665	491861	0.74	cps
Zinc	66-2	5828	5830	5854	5837	0.24	cps
Zirconium	90-1	251777	261920	256259	256652	1.98	cps
Zirconium	91-1	55804	56130	57720	56552	1.81	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:11:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	818077	823647	819377	820367	0.36	cps
Antimony	121-1	1758797	1771534	1788600	1772977	0.84	cps
Arsenic	75-2	54501	54153	53921	54192	0.54	cps
Barium	135-1	1757318	1723214	1754604	1745045	1.09	cps
Barium	137-1	3035875	3063540	3090813	3063409	0.90	cps
Beryllium	9-1	326609	329677	330227	328837	0.59	cps
Bismuth	209-1	1695919	1685882	1671255	1684352	0.74	cps
Bismuth	209-2	994202	1004531	1003281	1000671	0.56	cps
Boron	11-1	97739	115014	127016	113256	13.00	cps
Boron	10-1	20751	24127	27085	23988	13.21	cps
Bromine	81-1	1672	1752	1712	1712	2.34	cps
Cadmium	106-1	38939	40385	41714	40346	3.44	cps
Cadmium	108-1	27632	27949	27239	27607	1.29	cps
Cadmium	111-1	383078	389006	390806	387630	1.04	cps
Calcium	43-1	2016702	1990518	2053238	2020153	1.56	cps
Calcium	44-1	32335206	32123653	33039284	32499381	1.48	cps
Chromium	52-2	416869	415288	419911	417356	0.56	cps
Cobalt	59-2	744431	738093	744228	742251	0.49	cps
Copper	63-2	5802965	5831967	5725714	5786882	0.95	cps
Dysprosium	156-1	100	108	83	97	13.09	cps
Dysprosium	156-2	43	57	53	51	13.58	cps
Erbium	164-1	25	42	75	47	53.91	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	125	92	142	119	21.31	cps
Gadolinium	160-2	70	43	103	72	41.63	cps
Holmium	165-1	2786975	2792286	2787990	2789084	0.10	cps
Holmium	165-2	1390592	1409266	1411686	1403848	0.82	cps
Indium	115-1	2517490	2520584	2511142	2516405	0.19	cps
Indium	115-2	386841	383845	389288	386658	0.71	cps
Iron	54-2	4206622	4221264	4186757	4204881	0.41	cps
Iron	56-2	78761182	77045588	77038077	77614949	1.28	cps
Iron	57-2	1956114	1926243	1993445	1958601	1.72	cps
Krypton	83-1	657	703	663	674	3.74	cps
Lead	207-1	4552068	4586333	4639126	4592509	0.95	cps
Lead	208-1	20587359	20608684	20792643	20662895	0.55	cps
Lead	206-1	5168667	5099176	5253785	5173876	1.50	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:11:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	707795	706088	703815	705900	0.28	cps
Magnesium	24-2	11388430	11525806	11586391	11500209	0.88	cps
Manganese	55-2	1899110	1916182	1904233	1906508	0.46	cps
Molybdenum	94-1	3147743	3155693	3181428	3161621	0.56	cps
Molybdenum	95-1	3898245	3894425	3964755	3919142	1.01	cps
Molybdenum	96-1	4302803	4231077	4352419	4295433	1.42	cps
Molybdenum	97-1	2433945	2484118	2445065	2454376	1.07	cps
Molybdenum	98-1	6171982	6194367	6216313	6194220	0.36	cps
Neodymium	150-1	80	67	27	58	48.03	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	207528	206699	206344	206857	0.29	cps
Phosphorus	31-2	10596	10321	9937	10284	3.22	cps
Potassium	39-2	4324326	4325134	4357683	4335714	0.44	cps
Rhodium	103-1	2288779	2343662	2306880	2313107	1.21	cps
Rhodium	103-2	1126704	1121376	1131065	1126382	0.43	cps
Scandium	45-1	1560280	1539752	1547616	1549216	0.67	cps
Scandium	45-2	46635	46097	45963	46232	0.77	cps
Selenium	77-2	790	763	640	731	10.95	cps
Selenium	78-2	2407	2388	2365	2387	0.88	cps
Selenium	82-1	25169	24939	25298	25135	0.72	cps
Silicon	28-1	1296978	1311371	1342075	1316808	1.75	cps
Silver	109-1	1849959	1875086	1888940	1871328	1.06	cps
Silver	107-1	1956257	1969455	1940966	1955559	0.73	cps
Sodium	23-2	22164067	22350023	22383001	22299031	0.53	cps
Strontium	86-1	478414	483170	485122	482235	0.72	cps
Strontium	88-1	4132230	4072137	4129553	4111307	0.83	cps
Sulfur	34-1	496478	499536	506036	500683	0.97	cps
Terbium	159-1	2990499	2941375	2905224	2945699	1.45	cps
Terbium	159-2	1379750	1390640	1393574	1387988	0.52	cps
Thallium	203-1	1235675	1241031	1263500	1246735	1.18	cps
Thallium	205-1	2980006	2967807	2966630	2971481	0.25	cps
Tin	118-1	1192708	1222854	1221754	1212439	1.41	cps
Titanium	47-1	1078653	1068319	1077677	1074883	0.53	cps
Uranium	238-1	3883908	3875461	3921489	3893619	0.63	cps
Vanadium	51-2	324798	320769	324483	323350	0.69	cps
Yttrium	89-1	4670677	4553040	4667184	4630300	1.45	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:11:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	495125	492146	496843	494705	0.48	cps
Zinc	66-2	829192	819488	821002	823227	0.63	cps
Zirconium	90-1	2646865	2662751	2658977	2656198	0.31	cps
Zirconium	91-1	587700	582331	595021	588351	1.08	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:29:04	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	600	600	606	1.59	cps
Antimony	121-1	6719	6994	6735	6816	2.26	cps
Arsenic	75-2	123	111	102	112	9.41	cps
Barium	135-1	6952	6735	6735	6807	1.84	cps
Barium	137-1	12489	12006	12531	12342	2.37	cps
Beryllium	9-1	644	712	686	681	5.04	cps
Bismuth	209-1	1675714	1671496	1681094	1676101	0.29	cps
Bismuth	209-2	1026460	1014489	1029057	1023335	0.76	cps
Boron	11-1	5682	6660	7450	6598	13.43	cps
Boron	10-1	1138	1474	1534	1382	15.44	cps
Bromine	81-1	1902	1552	1482	1645	13.69	cps
Cadmium	106-1	1000	1067	1083	1050	4.20	cps
Cadmium	108-1	63	75	46	61	23.95	cps
Cadmium	111-1	1511	1553	1493	1519	2.02	cps
Calcium	43-1	4234	4751	4384	4456	5.97	cps
Calcium	44-1	87105	86711	87985	87267	0.75	cps
Chromium	52-2	2530	2464	2637	2544	3.44	cps
Cobalt	59-2	1473	1480	1490	1481	0.57	cps
Copper	63-2	3024	2850	2900	2925	3.05	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	8	8	17	86.62	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	2640188	2645191	2689552	2658310	1.02	cps
Holmium	165-2	1385184	1371874	1382787	1379948	0.51	cps
Indium	115-1	2376186	2425291	2410855	2404111	1.05	cps
Indium	115-2	375493	377515	376931	376646	0.28	cps
Iron	54-2	2439	2256	2217	2304	5.15	cps
Iron	56-2	37577	37121	38536	37744	1.91	cps
Iron	57-2	961	917	789	889	10.06	cps
Krypton	83-1	750	677	757	728	6.10	cps
Lead	207-1	2056	2206	2317	2193	5.98	cps
Lead	208-1	10135	9957	10157	10083	1.09	cps
Lead	206-1	2578	2584	2445	2535	3.10	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:29:04	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	686337	684103	687186	685875	0.23	cps
Magnesium	24-2	25631	24688	24738	25019	2.12	cps
Manganese	55-2	557	510	510	526	5.13	cps
Molybdenum	94-1	6252	6502	6310	6354	2.06	cps
Molybdenum	95-1	7744	7527	8419	7897	5.89	cps
Molybdenum	96-1	9178	8886	8286	8784	5.18	cps
Molybdenum	97-1	5001	5118	5084	5068	1.19	cps
Molybdenum	98-1	13682	13732	12756	13390	4.10	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	580	657	557	598	8.75	cps
Phosphorus	31-2	258	175	200	211	20.25	cps
Potassium	39-2	32287	31343	32120	31916	1.58	cps
Rhodium	103-1	2341566	2373422	2364866	2359951	0.70	cps
Rhodium	103-2	1169481	1160216	1161200	1163632	0.44	cps
Scandium	45-1	1490279	1509440	1523879	1507866	1.12	cps
Scandium	45-2	47388	46609	47977	47324	1.45	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	48	39	56	48	17.85	cps
Selenium	82-1	547	642	492	560	13.53	cps
Silicon	28-1	562021	566930	561620	563524	0.52	cps
Silver	109-1	3542	3776	3325	3548	6.35	cps
Silver	107-1	3184	3626	3467	3426	6.53	cps
Sodium	23-2	72129	70203	71534	71289	1.38	cps
Strontium	86-1	2084	1834	2209	2042	9.35	cps
Strontium	88-1	8378	8444	8294	8372	0.90	cps
Sulfur	34-1	422896	420497	421741	421711	0.28	cps
Terbium	159-1	2865308	2860031	2845949	2857096	0.35	cps
Terbium	159-2	1377403	1376640	1380426	1378156	0.15	cps
Thallium	203-1	2234	2592	2650	2492	9.06	cps
Thallium	205-1	6193	6293	5985	6157	2.56	cps
Tin	118-1	12648	12706	12439	12598	1.11	cps
Titanium	47-1	2484	2392	2775	2550	7.85	cps
Uranium	238-1	7352	7594	7052	7333	3.70	cps
Vanadium	51-2	3280	3337	3457	3358	2.69	cps
Yttrium	89-1	4429501	4461624	4471577	4454234	0.49	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:29:04	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	489250	482922	486491	486221	0.65	cps
Zinc	66-2	440	469	529	479	9.46	cps
Zirconium	90-1	5126	4868	5334	5109	4.58	cps
Zirconium	91-1	1158	1108	1150	1139	2.35	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:31:58 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340	247	323	303	16.41	cps
Antimony	121-1	75	83	67	75	11.11	cps
Arsenic	75-2	6	5	8	6	24.12	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	33	33	25	31	15.74	cps
Beryllium	9-1	24	24	34	27	21.10	cps
Bismuth	209-1	1725960	1697933	1735412	1719768	1.13	cps
Bismuth	209-2	1026294	1044931	1022697	1031307	1.16	cps
Boron	11-1	2672	2586	2476	2578	3.81	cps
Boron	10-1	562	594	496	551	9.08	cps
Bromine	81-1	1492	1602	1772	1622	8.71	cps
Cadmium	106-1	1017	975	1183	1058	10.42	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Cadmium	111-1	716	685	824	742	9.83	cps
Calcium	43-1	317	342	292	317	7.89	cps
Calcium	44-1	20073	20064	20423	20187	1.01	cps
Chromium	52-2	990	1063	980	1011	4.50	cps
Cobalt	59-2	50	37	43	43	15.38	cps
Copper	63-2	457	433	470	453	4.09	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	3	20	20	14	66.64	cps
Holmium	165-1	2749866	2724377	2771602	2748615	0.86	cps
Holmium	165-2	1389618	1414126	1391986	1398577	0.97	cps
Indium	115-1	2457916	2453938	2482270	2464708	0.62	cps
Indium	115-2	380144	383096	380105	381115	0.45	cps
Iron	54-2	439	383	378	400	8.45	cps
Iron	56-2	3023	3089	3056	3056	1.09	cps
Iron	57-2	100	100	122	107	11.95	cps
Krypton	83-1	617	677	600	631	6.39	cps
Lead	207-1	417	528	539	494	13.67	cps
Lead	208-1	2267	1961	2100	2109	7.25	cps
Lead	206-1	678	517	494	563	17.77	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:31:58 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	695986	695229	692365	694527	0.28	cps
Magnesium	24-2	192	167	117	158	24.12	cps
Manganese	55-2	97	90	113	100	12.02	cps
Molybdenum	94-1	75	92	58	75	22.22	cps
Molybdenum	95-1	17	50	8	25	88.19	cps
Molybdenum	96-1	125	67	83	92	32.77	cps
Molybdenum	97-1	25	0	25	17	86.60	cps
Molybdenum	98-1	42	25	17	28	45.82	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	130	73	108	28.07	cps
Phosphorus	31-2	267	175	300	247	26.18	cps
Potassium	39-2	14257	14232	13874	14121	1.52	cps
Rhodium	103-1	2383257	2365769	2409915	2386314	0.93	cps
Rhodium	103-2	1178638	1190418	1183109	1184055	0.50	cps
Scandium	45-1	1528450	1540844	1575421	1548238	1.57	cps
Scandium	45-2	47140	47836	46408	47128	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	27	23	25	8.00	cps
Selenium	82-1	339	336	344	340	1.31	cps
Silicon	28-1	543938	546514	542204	544219	0.40	cps
Silver	109-1	25	25	25	25	0.00	cps
Silver	107-1	33	33	42	36	13.33	cps
Sodium	23-2	23920	24872	23444	24079	3.02	cps
Strontium	86-1	1050	1017	1058	1042	2.12	cps
Strontium	88-1	117	208	183	169	27.97	cps
Sulfur	34-1	420024	419079	421976	420360	0.35	cps
Terbium	159-1	2907990	2903478	2978782	2930083	1.44	cps
Terbium	159-2	1378051	1393029	1376969	1382683	0.65	cps
Thallium	203-1	117	75	92	94	22.21	cps
Thallium	205-1	242	308	150	233	34.07	cps
Tin	118-1	142	225	208	192	23.01	cps
Titanium	47-1	375	442	425	414	8.38	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	17	20	10	16	32.73	cps
Yttrium	89-1	4545465	4474381	4608579	4542808	1.48	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:31:58	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	492413	496341	488090	492281	0.84	cps
Zinc	66-2	81	104	108	98	14.83	cps
Zirconium	90-1	267	192	300	253	21.95	cps
Zirconium	91-1	50	25	25	33	43.30	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:34:48 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	697	560	622	11.11	cps
Antimony	121-1	6727	6835	7402	6988	5.19	cps
Arsenic	75-2	107	110	102	106	3.80	cps
Barium	135-1	6360	7152	6619	6710	6.02	cps
Barium	137-1	12064	12364	12064	12164	1.42	cps
Beryllium	9-1	646	642	670	653	2.32	cps
Bismuth	209-1	1710878	1682835	1672117	1688610	1.19	cps
Bismuth	209-2	1025202	1021023	1005269	1017165	1.03	cps
Boron	11-1	5364	6226	6952	6181	12.86	cps
Boron	10-1	1012	1362	1510	1294	19.75	cps
Bromine	81-1	1712	1552	1632	1632	4.91	cps
Cadmium	106-1	1258	1092	1158	1170	7.17	cps
Cadmium	108-1	100	67	46	71	38.57	cps
Cadmium	111-1	1661	1438	1633	1577	7.68	cps
Calcium	43-1	4476	4392	4342	4404	1.53	cps
Calcium	44-1	87105	88186	85403	86898	1.61	cps
Chromium	52-2	2640	2447	2600	2562	3.98	cps
Cobalt	59-2	1537	1540	1530	1536	0.33	cps
Copper	63-2	2937	2684	2654	2758	5.64	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	2698906	2677732	2642526	2673055	1.07	cps
Holmium	165-2	1377045	1398529	1365447	1380340	1.22	cps
Indium	115-1	2434288	2400202	2378114	2404201	1.18	cps
Indium	115-2	374490	376947	381876	377771	1.00	cps
Iron	54-2	2356	2095	2239	2230	5.87	cps
Iron	56-2	36580	36675	36580	36612	0.15	cps
Iron	57-2	928	917	911	919	0.92	cps
Krypton	83-1	700	607	697	668	7.93	cps
Lead	207-1	2028	2134	1995	2052	3.53	cps
Lead	208-1	10135	9807	9974	9972	1.64	cps
Lead	206-1	2539	2534	2545	2539	0.22	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:34:48	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	693534	680499	680038	684690	1.12	cps
Magnesium	24-2	24037	24371	24630	24346	1.22	cps
Manganese	55-2	533	430	533	499	11.96	cps
Molybdenum	94-1	6127	6443	6218	6263	2.60	cps
Molybdenum	95-1	7527	8036	8203	7922	4.44	cps
Molybdenum	96-1	9061	8853	8895	8936	1.23	cps
Molybdenum	97-1	5151	5176	5051	5126	1.29	cps
Molybdenum	98-1	12464	12806	12873	12714	1.72	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	587	667	623	626	6.40	cps
Phosphorus	31-2	292	275	250	272	7.70	cps
Potassium	39-2	32003	31786	31953	31914	0.36	cps
Rhodium	103-1	2377888	2346100	2342231	2355406	0.83	cps
Rhodium	103-2	1174665	1166985	1167040	1169563	0.38	cps
Scandium	45-1	1550995	1520466	1526627	1532696	1.05	cps
Scandium	45-2	46328	46997	46518	46614	0.74	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	47	48	48	48	1.22	cps
Selenium	82-1	549	678	555	594	12.27	cps
Silicon	28-1	560165	569834	567556	565852	0.89	cps
Silver	109-1	3184	3642	3526	3451	6.90	cps
Silver	107-1	3817	3601	3751	3723	2.98	cps
Sodium	23-2	69583	71819	69934	70445	1.71	cps
Strontium	86-1	2250	1975	1800	2009	11.30	cps
Strontium	88-1	7744	8603	8002	8116	5.43	cps
Sulfur	34-1	422333	421399	422825	422185	0.17	cps
Terbium	159-1	2888505	2846714	2829939	2855052	1.06	cps
Terbium	159-2	1373528	1379294	1367123	1373315	0.44	cps
Thallium	203-1	2450	2959	2300	2570	13.43	cps
Thallium	205-1	5810	6393	5801	6002	5.66	cps
Tin	118-1	12072	12564	12014	12217	2.48	cps
Titanium	47-1	2642	2459	2409	2503	4.91	cps
Uranium	238-1	6785	6844	6493	6708	2.80	cps
Vanadium	51-2	3324	3494	3120	3313	5.64	cps
Yttrium	89-1	4525837	4517080	4508521	4517146	0.19	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:34:48	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	486139	495718	490818	490892	0.98	cps
Zinc	66-2	429	464	517	470	9.35	cps
Zirconium	90-1	5309	4868	4959	5046	4.62	cps
Zirconium	91-1	1200	1067	1267	1178	8.65	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : PB127904BL Instrumnet Name : P8
 Client Sample ID : PB127904BL Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:37:37 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	287	273	283	3.11	cps
Antimony	121-1	25	42	8	25	66.68	cps
Arsenic	75-2	1	5	4	3	62.45	cps
Barium	135-1	25	58	67	50	44.10	cps
Barium	137-1	25	67	25	39	61.86	cps
Beryllium	9-1	24	36	16	25	39.72	cps
Bismuth	209-1	1705518	1708807	1729721	1714682	0.77	cps
Bismuth	209-2	1039346	1022855	1033194	1031799	0.81	cps
Boron	11-1	2426	2352	2112	2296	7.15	cps
Boron	10-1	548	478	506	511	6.90	cps
Bromine	81-1	1672	1452	1562	1562	7.05	cps
Cadmium	106-1	1025	983	917	975	5.60	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	724	690	636	683	6.51	cps
Calcium	43-1	333	325	325	328	1.47	cps
Calcium	44-1	20440	20448	20707	20532	0.74	cps
Chromium	52-2	1067	1093	1057	1072	1.77	cps
Cobalt	59-2	40	40	47	42	9.12	cps
Copper	63-2	430	370	430	410	8.45	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	17	42	28	45.82	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	2688609	2717597	2736958	2714388	0.90	cps
Holmium	165-2	1401227	1395450	1408532	1401736	0.47	cps
Indium	115-1	2410495	2449978	2469894	2443455	1.24	cps
Indium	115-2	380264	380718	384974	381986	0.68	cps
Iron	54-2	372	411	361	381	6.88	cps
Iron	56-2	3078	3017	3345	3147	5.54	cps
Iron	57-2	61	78	61	67	14.44	cps
Krypton	83-1	670	720	727	706	4.39	cps
Lead	207-1	433	600	472	502	17.37	cps
Lead	208-1	2239	2289	2217	2248	1.64	cps
Lead	206-1	589	667	522	593	12.20	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BL	Instrumnet Name :	P8
Client Sample ID :	PB127904BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:37:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	687591	687305	695741	690213	0.69	cps
Magnesium	24-2	208	150	117	158	29.30	cps
Manganese	55-2	73	90	80	81	10.34	cps
Molybdenum	94-1	92	83	33	69	45.44	cps
Molybdenum	95-1	58	33	0	31	95.78	cps
Molybdenum	96-1	133	117	125	125	6.67	cps
Molybdenum	97-1	25	17	50	31	56.77	cps
Molybdenum	98-1	75	25	17	39	81.12	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	97	100	102	6.79	cps
Phosphorus	31-2	167	117	225	169	32.00	cps
Potassium	39-2	14574	13799	14166	14180	2.74	cps
Rhodium	103-1	2372042	2397370	2476355	2415256	2.25	cps
Rhodium	103-2	1180256	1173859	1191265	1181794	0.75	cps
Scandium	45-1	1540450	1553328	1543966	1545915	0.43	cps
Scandium	45-2	47043	46689	47197	46976	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	24	20	21	12.60	cps
Selenium	82-1	369	283	297	316	14.50	cps
Silicon	28-1	552313	547505	555285	551701	0.71	cps
Silver	109-1	25	50	8	28	75.51	cps
Silver	107-1	42	33	67	47	36.74	cps
Sodium	23-2	22902	24346	23570	23606	3.06	cps
Strontium	86-1	1042	1033	1242	1106	10.67	cps
Strontium	88-1	167	267	150	194	32.45	cps
Sulfur	34-1	421841	424966	423714	423507	0.37	cps
Terbium	159-1	2886103	2913048	2990644	2929932	1.85	cps
Terbium	159-2	1388417	1377087	1399447	1388317	0.81	cps
Thallium	203-1	58	58	83	67	21.65	cps
Thallium	205-1	167	183	208	186	11.27	cps
Tin	118-1	283	317	217	272	18.71	cps
Titanium	47-1	533	467	400	467	14.29	cps
Uranium	238-1	17	0	17	11	86.60	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	4501634	4516490	4587836	4535320	1.02	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BL	Instrumnet Name :	P8
Client Sample ID :	PB127904BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:37:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	494242	491984	498708	494978	0.69	cps
Zinc	66-2	161	150	208	173	17.61	cps
Zirconium	90-1	250	208	142	200	27.32	cps
Zirconium	91-1	25	33	17	25	33.32	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : PB127904BS Instrumnet Name : P8
 Client Sample ID : PB127904BS Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 13:40:28 DataFile Name : 022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165678	167108	167236	166674	0.52	cps
Antimony	121-1	1794044	1760349	1806966	1787120	1.35	cps
Arsenic	75-2	56812	56373	57622	56936	1.11	cps
Barium	135-1	1753964	1693207	1771963	1739711	2.37	cps
Barium	137-1	3022274	3055326	3086546	3054715	1.05	cps
Beryllium	9-1	332778	335318	339335	335810	0.98	cps
Bismuth	209-1	1780399	1748344	1790173	1772972	1.23	cps
Bismuth	209-2	1045410	974513	1007381	1009101	3.52	cps
Boron	11-1	82815	102027	118147	100996	17.51	cps
Boron	10-1	17275	22022	25112	21470	18.39	cps
Bromine	81-1	1542	1672	1652	1622	4.32	cps
Cadmium	106-1	41797	41455	41839	41697	0.51	cps
Cadmium	108-1	28839	28688	28546	28691	0.51	cps
Cadmium	111-1	397715	398402	405150	400422	1.03	cps
Calcium	43-1	434080	436650	444968	438566	1.30	cps
Calcium	44-1	6888383	6876034	7027949	6930789	1.22	cps
Chromium	52-2	424558	422128	423806	423497	0.29	cps
Cobalt	59-2	776503	769613	779146	775087	0.63	cps
Copper	63-2	6072828	5996118	6184838	6084595	1.56	cps
Dysprosium	156-1	42	50	17	36	48.03	cps
Dysprosium	156-2	17	17	0	11	86.60	cps
Erbium	164-1	33	0	25	19	89.21	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	33	33	30	32	5.97	cps
Holmium	165-1	2829305	2767940	2848467	2815237	1.49	cps
Holmium	165-2	1455949	1330007	1375950	1387302	4.59	cps
Indium	115-1	2470131	2498935	2542665	2503911	1.46	cps
Indium	115-2	389041	360593	368685	372773	3.93	cps
Iron	54-2	924123	915348	917966	919146	0.49	cps
Iron	56-2	16625167	16454668	16916054	16665296	1.40	cps
Iron	57-2	418471	412595	417329	416132	0.75	cps
Krypton	83-1	707	677	670	684	2.85	cps
Lead	207-1	4581917	4712353	4777190	4690487	2.12	cps
Lead	208-1	20756245	21019056	21288219	21021173	1.27	cps
Lead	206-1	5171784	5307245	5244008	5241013	1.29	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BS	Instrumnet Name :	P8
Client Sample ID :	PB127904BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:40:28	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	702741	710305	705662	706236	0.54	cps
Magnesium	24-2	2531171	2551730	2526501	2536467	0.53	cps
Manganese	55-2	1955383	1960175	1997391	1970983	1.17	cps
Molybdenum	94-1	3199500	3184573	3216262	3200112	0.50	cps
Molybdenum	95-1	3874297	3923837	3928253	3908795	0.77	cps
Molybdenum	96-1	4317463	4354796	4360785	4344348	0.54	cps
Molybdenum	97-1	2508694	2480519	2483680	2490964	0.62	cps
Molybdenum	98-1	6348591	6230023	6285725	6288113	0.94	cps
Neodymium	150-1	40	73	60	58	29.04	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	214253	214396	217646	215432	0.89	cps
Phosphorus	31-2	10421	10571	10129	10373	2.17	cps
Potassium	39-2	936215	927158	928227	930533	0.53	cps
Rhodium	103-1	2445794	2414432	2410546	2423591	0.80	cps
Rhodium	103-2	1193469	1111355	1138149	1147658	3.65	cps
Scandium	45-1	1594756	1564593	1589608	1582986	1.02	cps
Scandium	45-2	48883	44443	46318	46548	4.79	cps
Selenium	77-2	663	647	767	692	9.39	cps
Selenium	78-2	2522	2515	2543	2527	0.58	cps
Selenium	82-1	25711	25877	26066	25885	0.69	cps
Silicon	28-1	1243810	1299640	1306870	1283440	2.69	cps
Silver	109-1	1919623	1928566	1993975	1947388	2.08	cps
Silver	107-1	2028297	1996295	1993329	2005973	0.97	cps
Sodium	23-2	4690547	4803917	4710500	4734988	1.28	cps
Strontium	86-1	478379	487125	486822	484108	1.03	cps
Strontium	88-1	4138124	4186264	4158024	4160804	0.58	cps
Sulfur	34-1	540677	541299	543731	541902	0.30	cps
Terbium	159-1	2992190	2984822	3028651	3001888	0.78	cps
Terbium	159-2	1433562	1337184	1351842	1374196	3.78	cps
Thallium	203-1	1275226	1276437	1281760	1277808	0.27	cps
Thallium	205-1	3012114	3010937	3020038	3014363	0.16	cps
Tin	118-1	1213758	1226307	1237364	1225810	0.96	cps
Titanium	47-1	1088562	1093999	1101137	1094566	0.58	cps
Uranium	238-1	3912410	3866956	3954243	3911203	1.12	cps
Vanadium	51-2	331348	331140	329789	330759	0.26	cps
Yttrium	89-1	4687173	4661051	4705407	4684544	0.48	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	PB127904BS	Instrumnet Name :	P8
Client Sample ID :	PB127904BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:40:28	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	508807	471949	483790	488182	3.85	cps
Zinc	66-2	873866	864811	873025	870567	0.57	cps
Zirconium	90-1	2680904	2667586	2678732	2675740	0.27	cps
Zirconium	91-1	592472	592988	594754	593404	0.20	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:43:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1559226	1548861	1570715	1559601	0.70	cps
Antimony	121-1	292	183	292	256	24.48	cps
Arsenic	75-2	2904	2892	2951	2915	1.07	cps
Barium	135-1	109978	114951	113859	112930	2.31	cps
Barium	137-1	193038	196587	199793	196473	1.72	cps
Beryllium	9-1	2738	3028	2916	2894	5.05	cps
Bismuth	209-1	1673819	1705958	1730926	1703568	1.68	cps
Bismuth	209-2	1011072	1007335	1024637	1014348	0.90	cps
Boron	11-1	20865	19061	17615	19180	8.49	cps
Boron	10-1	4492	4058	3674	4074	10.05	cps
Bromine	81-1	2653	3094	3094	2947	8.63	cps
Cadmium	106-1	1517	1792	1767	1692	8.99	cps
Cadmium	108-1	288	288	200	258	19.56	cps
Cadmium	111-1	1648	1811	1922	1794	7.68	cps
Calcium	43-1	19589	20006	19647	19747	1.14	cps
Calcium	44-1	340403	338637	335835	338292	0.68	cps
Chromium	52-2	122500	124382	125010	123964	1.05	cps
Cobalt	59-2	100733	100210	102251	101064	1.05	cps
Copper	63-2	136869	136579	137643	137030	0.40	cps
Dysprosium	156-1	33392	32799	33877	33356	1.62	cps
Dysprosium	156-2	14688	15025	15075	14930	1.41	cps
Erbium	164-1	27763	27779	29475	28339	3.47	cps
Erbium	164-2	13257	13320	13647	13408	1.56	cps
Gadolinium	160-1	29182	30711	30870	30254	3.08	cps
Gadolinium	160-2	17131	17652	17268	17350	1.56	cps
Holmium	165-1	2716364	2726842	2812518	2751908	1.92	cps
Holmium	165-2	1409032	1387597	1409129	1401920	0.88	cps
Indium	115-1	2413564	2411765	2420195	2415175	0.18	cps
Indium	115-2	373873	377020	380841	377245	0.93	cps
Iron	54-2	5386307	5384914	5482525	5417915	1.03	cps
Iron	56-2	100428311	99721627	100422366	100190768	0.41	cps
Iron	57-2	2492091	2507851	2511303	2503748	0.41	cps
Krypton	83-1	577	703	707	662	11.19	cps
Lead	207-1	117185	118481	121161	118942	1.70	cps
Lead	208-1	552436	555919	564556	557637	1.12	cps
Lead	206-1	142687	143613	144557	143619	0.65	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:43:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	723701	737348	737170	732740	1.07	cps
Magnesium	24-2	1942364	1923062	1954826	1940084	0.82	cps
Manganese	55-2	363881	364792	366375	365016	0.35	cps
Molybdenum	94-1	114208	116704	118107	116340	1.70	cps
Molybdenum	95-1	6627	6368	6935	6643	4.27	cps
Molybdenum	96-1	25390	26042	26559	25997	2.25	cps
Molybdenum	97-1	4051	4476	4159	4229	5.22	cps
Molybdenum	98-1	10296	9779	10513	10196	3.70	cps
Neodymium	150-1	59063	59391	59150	59201	0.29	cps
Neodymium	150-2	21895	21324	21587	21602	1.32	cps
Nickel	60-2	83845	84301	85438	84528	0.97	cps
Phosphorus	31-2	3317	3450	3534	3434	3.18	cps
Potassium	39-2	222843	221041	228149	224011	1.65	cps
Rhodium	103-1	2343442	2342197	2323686	2336442	0.47	cps
Rhodium	103-2	1150624	1152329	1177166	1160040	1.28	cps
Scandium	45-1	1691334	1691333	1688696	1690455	0.09	cps
Scandium	45-2	51044	52184	52365	51864	1.38	cps
Selenium	77-2	73	103	63	80	26.02	cps
Selenium	78-2	57	70	63	63	10.27	cps
Selenium	82-1	445	383	380	403	9.12	cps
Silicon	28-1	1321006	1590955	1136657	1349539	16.93	cps
Silver	109-1	2075	2242	2092	2136	4.30	cps
Silver	107-1	2517	2425	2425	2456	2.16	cps
Sodium	23-2	63815	64133	64870	64273	0.84	cps
Strontium	86-1	30476	32355	31252	31361	3.01	cps
Strontium	88-1	257589	262526	262575	260897	1.10	cps
Sulfur	34-1	386225	380180	375324	380576	1.44	cps
Terbium	159-1	2853900	2920271	2940920	2905030	1.57	cps
Terbium	159-2	1401785	1385587	1409299	1398890	0.87	cps
Thallium	203-1	1675	1925	1692	1764	7.92	cps
Thallium	205-1	4776	4342	4309	4476	5.82	cps
Tin	118-1	4718	4734	4926	4793	2.42	cps
Titanium	47-1	107552	112170	109887	109869	2.10	cps
Uranium	238-1	37840	36704	37631	37392	1.62	cps
Vanadium	51-2	84960	85946	85523	85476	0.58	cps
Yttrium	89-1	4754895	4890077	4917887	4854286	1.80	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:43:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	531490	529863	537607	532986	0.77	cps
Zinc	66-2	96166	95851	96375	96131	0.27	cps
Zirconium	90-1	313786	321639	317397	317608	1.24	cps
Zirconium	91-1	70035	71367	69591	70331	1.31	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:46:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2216420	2198392	2170233	2195015	1.06	cps
Antimony	121-1	158	100	100	119	28.20	cps
Arsenic	75-2	1917	1812	1762	1831	4.32	cps
Barium	135-1	901762	923318	954392	926491	2.86	cps
Barium	137-1	1599189	1633205	1680248	1637547	2.49	cps
Beryllium	9-1	5144	5162	5236	5181	0.94	cps
Bismuth	209-1	1656225	1672318	1700137	1676227	1.33	cps
Bismuth	209-2	1020927	896845	1002830	973534	6.89	cps
Boron	11-1	7945	7987	7556	7829	3.03	cps
Boron	10-1	1614	1648	1700	1654	2.62	cps
Bromine	81-1	2963	2883	2793	2880	2.96	cps
Cadmium	106-1	1975	2084	1992	2017	2.89	cps
Cadmium	108-1	179	225	258	221	18.00	cps
Cadmium	111-1	1307	1393	1330	1343	3.29	cps
Calcium	43-1	135727	141718	141357	139601	2.41	cps
Calcium	44-1	2228582	2303919	2274560	2269020	1.67	cps
Chromium	52-2	265724	268617	265051	266464	0.71	cps
Cobalt	59-2	110360	110891	109268	110173	0.75	cps
Copper	63-2	104897	103618	102580	103699	1.12	cps
Dysprosium	156-1	116546	119918	121961	119475	2.29	cps
Dysprosium	156-2	59609	58099	57453	58387	1.89	cps
Erbium	164-1	98202	100630	104432	101088	3.11	cps
Erbium	164-2	50700	49137	48836	49557	2.02	cps
Gadolinium	160-1	115893	119793	122065	119250	2.62	cps
Gadolinium	160-2	70579	69118	67182	68960	2.47	cps
Holmium	165-1	2751407	2818446	2841379	2803744	1.67	cps
Holmium	165-2	1438913	1278060	1422416	1379796	6.41	cps
Indium	115-1	2411110	2419323	2438650	2423027	0.58	cps
Indium	115-2	393862	334886	377498	368749	8.26	cps
Iron	54-2	6596400	6500534	6521841	6539592	0.77	cps
Iron	56-2	120009086	121793069	119242828	120348328	1.09	cps
Iron	57-2	3020438	3076509	3043521	3046823	0.92	cps
Krypton	83-1	837	750	830	806	5.99	cps
Lead	207-1	197579	201267	206453	201766	2.21	cps
Lead	208-1	924317	945427	966551	945432	2.23	cps
Lead	206-1	239457	244848	251833	245379	2.53	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:46:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	711916	718094	725198	718403	0.93	cps
Magnesium	24-2	1304609	1293633	1291869	1296704	0.53	cps
Manganese	55-2	102601	103704	102733	103013	0.58	cps
Molybdenum	94-1	111907	114495	115571	113991	1.65	cps
Molybdenum	95-1	708	808	625	714	12.86	cps
Molybdenum	96-1	19998	20207	20073	20093	0.53	cps
Molybdenum	97-1	383	608	558	517	22.87	cps
Molybdenum	98-1	1075	1150	1083	1103	3.73	cps
Neodymium	150-1	190057	195073	197407	194179	1.93	cps
Neodymium	150-2	71164	70159	69780	70368	1.02	cps
Nickel	60-2	61034	62075	62041	61716	0.96	cps
Phosphorus	31-2	558	575	542	558	2.99	cps
Potassium	39-2	124080	122081	121534	122565	1.09	cps
Rhodium	103-1	2369059	2328646	2429755	2375820	2.14	cps
Rhodium	103-2	1184977	1029247	1165002	1126409	7.52	cps
Scandium	45-1	1946386	1975980	1994021	1972129	1.22	cps
Scandium	45-2	61394	53637	61280	58770	7.56	cps
Selenium	77-2	240	267	323	277	15.38	cps
Selenium	78-2	142	179	176	166	12.40	cps
Selenium	82-1	692	715	658	688	4.18	cps
Silicon	28-1	1042551	1066613	1060859	1056674	1.19	cps
Silver	109-1	950	975	1033	986	4.34	cps
Silver	107-1	1058	1092	1242	1131	8.64	cps
Sodium	23-2	186000	184142	184111	184751	0.59	cps
Strontium	86-1	103641	107227	107034	105967	1.90	cps
Strontium	88-1	886087	906884	915050	902674	1.65	cps
Sulfur	34-1	365750	365545	363419	364904	0.35	cps
Terbium	159-1	2918742	2923909	3004417	2949023	1.63	cps
Terbium	159-2	1436586	1262563	1408771	1369307	6.83	cps
Thallium	203-1	3742	3559	3317	3539	6.02	cps
Thallium	205-1	8586	8486	8628	8567	0.85	cps
Tin	118-1	717	775	708	733	4.95	cps
Titanium	47-1	59591	61258	58503	59784	2.32	cps
Uranium	238-1	128461	132822	135889	132390	2.82	cps
Vanadium	51-2	177761	180574	177026	178454	1.05	cps
Yttrium	89-1	6266082	6279692	6279511	6275095	0.12	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:46:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	696952	625197	678014	666721	5.58	cps
Zinc	66-2	54389	54229	54496	54371	0.25	cps
Zirconium	90-1	307052	313977	314720	311916	1.36	cps
Zirconium	91-1	68318	69381	69792	69164	1.10	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUP	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:48:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2199292	2207460	2185696	2197482	0.50	cps
Antimony	121-1	67	100	58	75	29.40	cps
Arsenic	75-2	1862	1844	1862	1856	0.56	cps
Barium	135-1	935659	934465	947890	939338	0.79	cps
Barium	137-1	1604594	1632993	1643161	1626916	1.23	cps
Beryllium	9-1	5074	5160	4960	5065	1.98	cps
Bismuth	209-1	1623740	1655406	1655037	1644728	1.11	cps
Bismuth	209-2	1011103	1007669	1012649	1010474	0.25	cps
Boron	11-1	5134	5136	5084	5118	0.58	cps
Boron	10-1	1110	1070	992	1057	5.68	cps
Bromine	81-1	2933	2773	3053	2920	4.82	cps
Cadmium	106-1	1867	1900	1817	1861	2.25	cps
Cadmium	108-1	200	204	213	206	3.10	cps
Cadmium	111-1	1275	1258	1219	1251	2.31	cps
Calcium	43-1	134852	137603	138192	136882	1.30	cps
Calcium	44-1	2238350	2240889	2261569	2246936	0.57	cps
Chromium	52-2	263105	263663	264447	263738	0.26	cps
Cobalt	59-2	106874	106935	108574	107461	0.90	cps
Copper	63-2	102446	102036	101620	102034	0.40	cps
Dysprosium	156-1	116681	116428	119423	117511	1.41	cps
Dysprosium	156-2	57734	57784	58297	57938	0.54	cps
Erbium	164-1	96675	99319	101125	99040	2.26	cps
Erbium	164-2	49257	48983	49291	49177	0.34	cps
Gadolinium	160-1	117422	117262	118130	117604	0.39	cps
Gadolinium	160-2	67828	68599	68314	68247	0.57	cps
Holmium	165-1	2705505	2730794	2750826	2729042	0.83	cps
Holmium	165-2	1416047	1414731	1434091	1421623	0.76	cps
Indium	115-1	2396464	2364032	2418523	2393006	1.15	cps
Indium	115-2	380049	378048	382998	380365	0.65	cps
Iron	54-2	6225818	6250249	6121863	6199310	1.10	cps
Iron	56-2	114124403	114797419	114203580	114375134	0.32	cps
Iron	57-2	2865518	2874342	2867825	2869228	0.16	cps
Krypton	83-1	863	780	773	806	6.23	cps
Lead	207-1	186947	192627	194401	191325	2.04	cps
Lead	208-1	886903	904070	920605	903859	1.86	cps
Lead	206-1	232477	235153	239984	235871	1.61	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUP	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:48:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	702998	708906	718553	710152	1.11	cps
Magnesium	24-2	1275119	1272355	1252421	1266631	0.98	cps
Manganese	55-2	101279	101035	99876	100730	0.74	cps
Molybdenum	94-1	113486	114461	114738	114228	0.58	cps
Molybdenum	95-1	742	758	633	711	9.54	cps
Molybdenum	96-1	19689	20499	20641	20276	2.53	cps
Molybdenum	97-1	333	467	483	428	19.22	cps
Molybdenum	98-1	1008	1192	992	1064	10.43	cps
Neodymium	150-1	187347	192275	192944	190855	1.60	cps
Neodymium	150-2	70688	70286	69937	70304	0.53	cps
Nickel	60-2	60726	61553	61653	61310	0.83	cps
Phosphorus	31-2	533	500	575	536	7.01	cps
Potassium	39-2	122988	120745	120643	121459	1.09	cps
Rhodium	103-1	2301034	2365751	2432090	2366292	2.77	cps
Rhodium	103-2	1174174	1149637	1180149	1167986	1.38	cps
Scandium	45-1	1924443	1976483	1985462	1962129	1.68	cps
Scandium	45-2	59697	60570	60229	60165	0.73	cps
Selenium	77-2	290	337	283	303	9.58	cps
Selenium	78-2	185	147	175	169	11.65	cps
Selenium	82-1	697	668	728	698	4.31	cps
Silicon	28-1	1284013	2072309	1273049	1543124	29.70	cps
Silver	109-1	1092	975	1175	1081	9.30	cps
Silver	107-1	1150	1300	1275	1242	6.47	cps
Sodium	23-2	181815	181562	180879	181418	0.27	cps
Strontium	86-1	102407	102575	104011	102997	0.86	cps
Strontium	88-1	864635	887419	882444	878166	1.36	cps
Sulfur	34-1	350858	351847	349049	350585	0.40	cps
Terbium	159-1	2889396	2906662	2974179	2923412	1.53	cps
Terbium	159-2	1416142	1398345	1430010	1414833	1.12	cps
Thallium	203-1	3517	3150	3326	3331	5.51	cps
Thallium	205-1	8303	7728	8036	8022	3.59	cps
Tin	118-1	725	817	667	736	10.27	cps
Titanium	47-1	57474	60369	61608	59817	3.55	cps
Uranium	238-1	129118	127931	133302	130117	2.17	cps
Vanadium	51-2	182035	182742	182218	182332	0.20	cps
Yttrium	89-1	6108320	6202131	6208821	6173091	0.91	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUP	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:48:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	691312	678224	695071	688202	1.29	cps
Zinc	66-2	53892	53179	53479	53517	0.67	cps
Zirconium	90-1	315237	318951	315086	316424	0.69	cps
Zirconium	91-1	68611	70185	71434	70076	2.02	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 13:51:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	429745	428887	430130	429587	0.15	cps
Antimony	121-1	83	92	67	81	15.80	cps
Arsenic	75-2	341	356	353	350	2.27	cps
Barium	135-1	177983	178987	180187	179052	0.62	cps
Barium	137-1	313622	313341	315189	314051	0.32	cps
Beryllium	9-1	1014	1046	1032	1031	1.56	cps
Bismuth	209-1	1714105	1707637	1743889	1721877	1.12	cps
Bismuth	209-2	1040588	1045289	1041841	1042573	0.23	cps
Boron	11-1	3114	3092	3058	3088	0.91	cps
Boron	10-1	664	682	614	653	5.39	cps
Bromine	81-1	2202	1982	2182	2122	5.74	cps
Cadmium	106-1	1108	1317	1150	1192	9.25	cps
Cadmium	108-1	29	46	46	40	23.88	cps
Cadmium	111-1	764	910	802	825	9.22	cps
Calcium	43-1	28228	27619	27552	27800	1.34	cps
Calcium	44-1	460621	465062	471652	465778	1.19	cps
Chromium	52-2	53761	52697	52901	53119	1.06	cps
Cobalt	59-2	22955	22995	23626	23192	1.62	cps
Copper	63-2	58955	59089	59136	59060	0.16	cps
Dysprosium	156-1	23438	22937	23246	23207	1.09	cps
Dysprosium	156-2	10888	11068	10985	10980	0.82	cps
Erbium	164-1	19473	18488	19615	19192	3.20	cps
Erbium	164-2	9594	9433	9347	9458	1.32	cps
Gadolinium	160-1	23463	22779	23304	23182	1.54	cps
Gadolinium	160-2	13243	13137	13497	13292	1.39	cps
Holmium	165-1	2810814	2720860	2766073	2765915	1.63	cps
Holmium	165-2	1427874	1457556	1439002	1441477	1.04	cps
Indium	115-1	2506716	2537923	2528208	2524282	0.63	cps
Indium	115-2	397114	397302	396341	396919	0.13	cps
Iron	54-2	1262070	1266044	1272017	1266710	0.40	cps
Iron	56-2	23743728	23568547	23315496	23542590	0.91	cps
Iron	57-2	587512	583972	584247	585244	0.34	cps
Krypton	83-1	663	803	703	723	9.97	cps
Lead	207-1	50515	50794	49757	50355	1.07	cps
Lead	208-1	232182	236498	235194	234625	0.94	cps
Lead	206-1	60608	60803	61529	60980	0.80	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 13:51:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	710154	707039	716167	711120	0.65	cps
Magnesium	24-2	254551	253093	254546	254063	0.33	cps
Manganese	55-2	19901	20321	20325	20182	1.21	cps
Molybdenum	94-1	21701	21125	22035	21620	2.13	cps
Molybdenum	95-1	183	258	192	211	19.47	cps
Molybdenum	96-1	3859	4117	3776	3917	4.55	cps
Molybdenum	97-1	75	92	125	97	26.19	cps
Molybdenum	98-1	250	308	200	253	21.45	cps
Neodymium	150-1	37192	36577	38041	37270	1.97	cps
Neodymium	150-2	13997	13490	13917	13802	1.98	cps
Nickel	60-2	36824	37336	37095	37085	0.69	cps
Phosphorus	31-2	325	258	317	300	12.11	cps
Potassium	39-2	35051	35937	35419	35469	1.25	cps
Rhodium	103-1	2488559	2433249	2498718	2473509	1.42	cps
Rhodium	103-2	1211789	1222341	1213352	1215827	0.47	cps
Scandium	45-1	1670649	1656326	1730106	1685694	2.32	cps
Scandium	45-2	51870	51790	51803	51821	0.08	cps
Selenium	77-2	33	73	40	49	43.84	cps
Selenium	78-2	55	51	53	53	3.77	cps
Selenium	82-1	467	364	442	424	12.71	cps
Silicon	28-1	795539	802246	808438	802074	0.80	cps
Silver	109-1	200	208	250	219	12.21	cps
Silver	107-1	258	200	317	258	22.58	cps
Sodium	23-2	56611	55573	56016	56067	0.93	cps
Strontium	86-1	21842	21768	21066	21559	1.99	cps
Strontium	88-1	175874	172884	177804	175520	1.41	cps
Sulfur	34-1	340817	338478	336719	338671	0.61	cps
Terbium	159-1	2970467	2958860	3041277	2990201	1.49	cps
Terbium	159-2	1426781	1436785	1426366	1429977	0.41	cps
Thallium	203-1	600	608	633	614	2.83	cps
Thallium	205-1	1959	1842	1717	1839	6.57	cps
Tin	118-1	700	767	825	764	8.19	cps
Titanium	47-1	11797	12281	13553	12543	7.23	cps
Uranium	238-1	25701	24775	25242	25239	1.84	cps
Vanadium	51-2	35240	34662	34809	34904	0.86	cps
Yttrium	89-1	5017568	5062284	5161326	5080393	1.45	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 13:51:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	556305	555011	557619	556312	0.23	cps
Zinc	66-2	12518	12159	12003	12227	2.16	cps
Zirconium	90-1	59578	59319	59477	59458	0.22	cps
Zirconium	91-1	13398	13090	13232	13240	1.17	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MS	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:54:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3073417	3063906	3225721	3121014	2.91	cps
Antimony	121-1	24389	25478	24197	24688	2.80	cps
Arsenic	75-2	50740	50434	52646	51273	2.34	cps
Barium	135-1	2145684	2195594	2170598	2170625	1.15	cps
Barium	137-1	3724270	3794000	3800916	3773062	1.12	cps
Beryllium	9-1	314818	322046	325152	320672	1.65	cps
Bismuth	209-1	1575279	1586665	1610544	1590829	1.13	cps
Bismuth	209-2	839492	915140	954157	902930	6.46	cps
Boron	11-1	36418	43561	47994	42658	13.69	cps
Boron	10-1	7522	8983	10141	8882	14.78	cps
Bromine	81-1	2893	3124	3224	3080	5.50	cps
Cadmium	106-1	39056	38805	39482	39114	0.87	cps
Cadmium	108-1	25353	26546	26221	26040	2.37	cps
Cadmium	111-1	368136	371687	375587	371803	1.00	cps
Calcium	43-1	552078	559820	567117	559672	1.34	cps
Calcium	44-1	8751000	8821467	8725702	8766056	0.57	cps
Chromium	52-2	702210	709465	734523	715399	2.37	cps
Cobalt	59-2	821222	813956	868325	834501	3.54	cps
Copper	63-2	1198847	1198593	1245712	1214384	2.23	cps
Dysprosium	156-1	114572	117556	119128	117085	1.98	cps
Dysprosium	156-2	53138	54621	56298	54686	2.89	cps
Erbium	164-1	96028	98085	100571	98228	2.32	cps
Erbium	164-2	45421	45725	48505	46550	3.65	cps
Gadolinium	160-1	116725	116835	118987	117515	1.09	cps
Gadolinium	160-2	64448	64093	66649	65063	2.13	cps
Holmium	165-1	2645137	2735671	2712666	2697825	1.74	cps
Holmium	165-2	1189947	1291427	1346266	1275880	6.22	cps
Indium	115-1	2306411	2272185	2333490	2304029	1.33	cps
Indium	115-2	319960	345031	362548	342513	6.25	cps
Iron	54-2	9578287	9507381	9943998	9676555	2.42	cps
Iron	56-2	176706532	175501693	187569860	179926028	3.69	cps
Iron	57-2	4424122	4417508	4609867	4483832	2.44	cps
Krypton	83-1	887	813	847	849	4.32	cps
Lead	207-1	1080723	1103439	1115358	1099840	1.60	cps
Lead	208-1	4994978	5084672	5118269	5065973	1.26	cps
Lead	206-1	1211934	1228554	1247791	1229426	1.46	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MS	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:54:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	692913	692210	698558	694560	0.50	cps
Magnesium	24-2	3659927	3628314	3733456	3673899	1.47	cps
Manganese	55-2	474387	466965	496445	479266	3.20	cps
Molybdenum	94-1	2176157	2256714	2259380	2230751	2.12	cps
Molybdenum	95-1	2398005	2473959	2476376	2449447	1.82	cps
Molybdenum	96-1	2710076	2773003	2763031	2748703	1.23	cps
Molybdenum	97-1	1507469	1538670	1526412	1524184	1.03	cps
Molybdenum	98-1	3888619	3899454	3948155	3912076	0.81	cps
Neodymium	150-1	182610	188396	189767	186924	2.03	cps
Neodymium	150-2	64799	65519	67760	66026	2.34	cps
Nickel	60-2	267605	266319	278766	270897	2.53	cps
Phosphorus	31-2	617	633	708	653	7.48	cps
Potassium	39-2	991063	997636	1039614	1009438	2.61	cps
Rhodium	103-1	2207015	2228031	2214023	2216356	0.48	cps
Rhodium	103-2	952053	1037813	1081987	1023951	6.45	cps
Scandium	45-1	2004762	2021824	2008580	2011722	0.45	cps
Scandium	45-2	53824	58448	59897	57390	5.53	cps
Selenium	77-2	820	850	903	858	4.92	cps
Selenium	78-2	2100	2082	2195	2126	2.86	cps
Selenium	82-1	21810	22533	22468	22270	1.80	cps
Silicon	28-1	1863060	1795309	1922247	1860205	3.41	cps
Silver	109-1	1748359	1767484	1801217	1772353	1.51	cps
Silver	107-1	1834337	1838112	1894683	1855711	1.82	cps
Sodium	23-2	4275129	4432785	4476598	4394837	2.41	cps
Strontium	86-1	554824	570898	573213	566311	1.77	cps
Strontium	88-1	4746306	4826446	4893188	4821980	1.53	cps
Sulfur	34-1	354367	355834	348725	352975	1.06	cps
Terbium	159-1	2824899	2805105	2872312	2834105	1.22	cps
Terbium	159-2	1184327	1276245	1337532	1266035	6.09	cps
Thallium	203-1	1129112	1146372	1163895	1146459	1.52	cps
Thallium	205-1	2685999	2686842	2770082	2714308	1.78	cps
Tin	118-1	71001	70675	71318	70998	0.45	cps
Titanium	47-1	400276	405065	402660	402667	0.59	cps
Uranium	238-1	3713779	3825392	3851805	3796992	1.93	cps
Vanadium	51-2	669999	670089	705623	681904	3.01	cps
Yttrium	89-1	5983813	5961414	6085741	6010323	1.10	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MS	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:54:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	583634	612806	644974	613805	5.00	cps
Zinc	66-2	219451	213863	224055	219123	2.33	cps
Zirconium	90-1	2313645	2354342	2299836	2322607	1.22	cps
Zirconium	91-1	507053	517909	518138	514367	1.23	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSD	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:57:25	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3089901	2992301	2994410	3025537	1.84	cps
Antimony	121-1	21910	21684	22719	22105	2.46	cps
Arsenic	75-2	54155	54678	54011	54282	0.65	cps
Barium	135-1	3816673	3862122	3930472	3869756	1.48	cps
Barium	137-1	6698753	6824346	6814513	6779204	1.03	cps
Beryllium	9-1	317521	321311	323702	320845	0.97	cps
Bismuth	209-1	1550506	1604341	1613937	1589595	2.15	cps
Bismuth	209-2	978969	984136	977450	980185	0.36	cps
Boron	11-1	41346	47186	52071	46867	11.46	cps
Boron	10-1	8703	9775	10818	9765	10.83	cps
Bromine	81-1	2713	2613	3063	2796	8.46	cps
Cadmium	106-1	37911	38454	38997	38454	1.41	cps
Cadmium	108-1	25828	25879	26250	25986	0.89	cps
Cadmium	111-1	365576	369670	369150	368132	0.61	cps
Calcium	43-1	537912	545546	554710	546056	1.54	cps
Calcium	44-1	8535191	8659073	8696664	8630309	0.98	cps
Chromium	52-2	701540	710163	701624	704442	0.70	cps
Cobalt	59-2	860598	855970	856762	857777	0.29	cps
Copper	63-2	1272562	1277386	1265969	1271972	0.45	cps
Dysprosium	156-1	117497	118414	119414	118442	0.81	cps
Dysprosium	156-2	60282	59458	60212	59984	0.76	cps
Erbium	164-1	103206	103013	107457	104559	2.40	cps
Erbium	164-2	51707	51365	51887	51653	0.51	cps
Gadolinium	160-1	119962	120540	122998	121167	1.33	cps
Gadolinium	160-2	69962	70978	70230	70390	0.75	cps
Holmium	165-1	2590824	2699613	2748705	2679714	3.02	cps
Holmium	165-2	1400011	1417965	1409796	1409257	0.64	cps
Indium	115-1	2282893	2362931	2345683	2330502	1.81	cps
Indium	115-2	373018	372759	370205	371994	0.42	cps
Iron	54-2	9606274	9708515	9537163	9617317	0.90	cps
Iron	56-2	178741793	177317210	174982882	177013961	1.07	cps
Iron	57-2	4405813	4426122	4389134	4407023	0.42	cps
Krypton	83-1	860	817	873	850	3.49	cps
Lead	207-1	1061995	1090366	1094487	1082283	1.63	cps
Lead	208-1	4869104	5022943	5043523	4978523	1.91	cps
Lead	206-1	1192418	1227605	1222524	1214182	1.57	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSD	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:57:25	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	682289	697521	704722	694844	1.65	cps
Magnesium	24-2	3762187	3693391	3687668	3714416	1.12	cps
Manganese	55-2	480177	486927	480544	482549	0.79	cps
Molybdenum	94-1	2229511	2271306	2284109	2261642	1.26	cps
Molybdenum	95-1	2497504	2542612	2528221	2522779	0.91	cps
Molybdenum	96-1	2777627	2812888	2832220	2807578	0.99	cps
Molybdenum	97-1	1561127	1585147	1587189	1577821	0.92	cps
Molybdenum	98-1	3961881	3918899	4053402	3978061	1.73	cps
Neodymium	150-1	188624	190113	190862	189866	0.60	cps
Neodymium	150-2	70132	70420	70718	70424	0.42	cps
Nickel	60-2	280769	279066	278295	279377	0.45	cps
Phosphorus	31-2	1350	1250	1275	1292	4.03	cps
Potassium	39-2	1040681	1059373	1054443	1051499	0.92	cps
Rhodium	103-1	2228713	2224629	2237287	2230209	0.29	cps
Rhodium	103-2	1112240	1126369	1130256	1122955	0.84	cps
Scandium	45-1	1984077	2020971	2039949	2014999	1.41	cps
Scandium	45-2	60637	61092	60674	60801	0.42	cps
Selenium	77-2	953	947	903	934	2.91	cps
Selenium	78-2	2312	2295	2220	2276	2.15	cps
Selenium	82-1	22605	22633	22420	22553	0.51	cps
Silicon	28-1	1611864	1708248	1557687	1625933	4.69	cps
Silver	109-1	1761065	1787461	1765489	1771338	0.80	cps
Silver	107-1	1841873	1840682	1870285	1850947	0.91	cps
Sodium	23-2	4570168	4520624	4611258	4567350	0.99	cps
Strontium	86-1	578439	581025	585270	581578	0.59	cps
Strontium	88-1	4931411	5044060	5037262	5004244	1.26	cps
Sulfur	34-1	354920	350712	346872	350835	1.15	cps
Terbium	159-1	2775522	2842293	2889924	2835913	2.03	cps
Terbium	159-2	1393263	1386183	1386416	1388621	0.29	cps
Thallium	203-1	1105764	1145579	1149308	1133551	2.13	cps
Thallium	205-1	2614295	2718224	2731601	2688040	2.39	cps
Tin	118-1	66813	67082	66997	66964	0.21	cps
Titanium	47-1	301085	301980	298767	300611	0.55	cps
Uranium	238-1	3698245	3722226	3790090	3736854	1.27	cps
Vanadium	51-2	576654	576486	579006	577382	0.24	cps
Yttrium	89-1	5978746	6030678	6122717	6044047	1.21	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSD	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 13:57:25	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	675496	676726	663245	671822	1.11	cps
Zinc	66-2	226812	226193	226343	226449	0.14	cps
Zirconium	90-1	2274992	2276847	2253685	2268508	0.57	cps
Zirconium	91-1	503067	505648	506579	505098	0.36	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02A Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)A Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 14:00:32 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3176202	3135161	3076198	3129187	1.61	cps
Antimony	121-1	1400381	1428605	1421596	1416861	1.04	cps
Arsenic	75-2	53644	53948	53984	53859	0.35	cps
Barium	135-1	3107657	3268750	3249112	3208506	2.74	cps
Barium	137-1	5477249	5674047	5591196	5580831	1.77	cps
Beryllium	9-1	313949	322526	322668	319714	1.56	cps
Bismuth	209-1	1568726	1619549	1625647	1604641	1.95	cps
Bismuth	209-2	976784	973766	973141	974564	0.20	cps
Boron	11-1	41827	48361	52123	47437	10.98	cps
Boron	10-1	8871	9927	11010	9936	10.76	cps
Bromine	81-1	2893	2953	3043	2963	2.55	cps
Cadmium	106-1	35914	38772	37543	37410	3.83	cps
Cadmium	108-1	26150	26513	26112	26258	0.84	cps
Cadmium	111-1	361034	371779	371511	368108	1.66	cps
Calcium	43-1	538142	553522	562715	551460	2.25	cps
Calcium	44-1	8618579	8848537	9081272	8849462	2.61	cps
Chromium	52-2	720884	724249	723161	722765	0.24	cps
Cobalt	59-2	864943	858951	864909	862934	0.40	cps
Copper	63-2	1274195	1255084	1282940	1270740	1.12	cps
Dysprosium	156-1	113891	120423	122323	118879	3.72	cps
Dysprosium	156-2	59060	58575	57563	58399	1.31	cps
Erbium	164-1	101041	103938	104971	103317	1.97	cps
Erbium	164-2	50409	50201	49532	50047	0.92	cps
Gadolinium	160-1	116507	121189	121678	119791	2.38	cps
Gadolinium	160-2	68588	68810	68944	68781	0.26	cps
Holmium	165-1	2670898	2776351	2700483	2715911	2.00	cps
Holmium	165-2	1386719	1391151	1378049	1385306	0.48	cps
Indium	115-1	2296442	2373101	2311786	2327110	1.74	cps
Indium	115-2	371628	368461	365457	368515	0.84	cps
Iron	54-2	9866780	9913575	9853099	9877818	0.32	cps
Iron	56-2	183174287	181403621	179750860	181442923	0.94	cps
Iron	57-2	4589849	4577332	4512954	4560045	0.90	cps
Krypton	83-1	897	810	877	861	5.27	cps
Lead	207-1	1073504	1115589	1113271	1100788	2.15	cps
Lead	208-1	4891744	5078988	5095030	5021920	2.25	cps
Lead	206-1	1195693	1245582	1260722	1233999	2.76	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02A	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:00:32	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	685410	693500	696629	691846	0.84	cps
Magnesium	24-2	3726819	3807810	3678214	3737614	1.75	cps
Manganese	55-2	494334	489333	494116	492594	0.57	cps
Molybdenum	94-1	2196229	2288452	2310690	2265124	2.68	cps
Molybdenum	95-1	2471107	2532041	2496698	2499948	1.22	cps
Molybdenum	96-1	2754216	2848823	2829667	2810902	1.78	cps
Molybdenum	97-1	1541859	1559023	1597658	1566180	1.82	cps
Molybdenum	98-1	3908925	4009737	4040179	3986280	1.72	cps
Neodymium	150-1	186820	192743	192910	190824	1.82	cps
Neodymium	150-2	68514	68976	68477	68655	0.41	cps
Nickel	60-2	281719	278939	280703	280454	0.50	cps
Phosphorus	31-2	1125	983	1075	1061	6.77	cps
Potassium	39-2	1063448	1040723	1055862	1053344	1.10	cps
Rhodium	103-1	2216390	2219782	2269859	2235343	1.34	cps
Rhodium	103-2	1104677	1115592	1103932	1108067	0.59	cps
Scandium	45-1	1992860	2013335	2025139	2010445	0.81	cps
Scandium	45-2	61307	60674	61474	61152	0.69	cps
Selenium	77-2	820	863	870	851	3.19	cps
Selenium	78-2	2323	2412	2187	2308	4.91	cps
Selenium	82-1	21958	22229	22574	22254	1.39	cps
Silicon	28-1	1777911	1912407	2121566	1937295	8.94	cps
Silver	109-1	1756040	1806556	1819085	1793894	1.86	cps
Silver	107-1	1823201	1867248	1907625	1866025	2.26	cps
Sodium	23-2	4638007	4622400	4594348	4618252	0.48	cps
Strontium	86-1	567698	587284	584401	579794	1.82	cps
Strontium	88-1	4848496	4977974	4978762	4935078	1.52	cps
Sulfur	34-1	348994	347086	346027	347369	0.43	cps
Terbium	159-1	2815748	2872803	2903987	2864180	1.56	cps
Terbium	159-2	1375595	1377025	1369864	1374161	0.28	cps
Thallium	203-1	1120484	1151173	1167837	1146498	2.10	cps
Thallium	205-1	2623894	2729835	2796129	2716619	3.20	cps
Tin	118-1	68279	68447	68874	68533	0.45	cps
Titanium	47-1	335113	342049	347878	341680	1.87	cps
Uranium	238-1	3646912	3811715	3829261	3762629	2.67	cps
Vanadium	51-2	639788	627767	635651	634402	0.96	cps
Yttrium	89-1	5929832	6120504	6074869	6041735	1.65	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02A	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:00:32	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	665899	668534	665597	666677	0.24	cps
Zinc	66-2	226313	229329	227539	227727	0.67	cps
Zirconium	90-1	2250324	2327073	2313153	2296850	1.78	cps
Zirconium	91-1	498111	520449	510388	509649	2.20	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCV22 Instrumnet Name : P8
 Client Sample ID : CCV22 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 14:17:21 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	842165	833828	836546	837513	0.51	cps
Antimony	121-1	1866168	1870308	1856103	1864193	0.39	cps
Arsenic	75-2	55521	54594	55056	55057	0.84	cps
Barium	135-1	1759163	1745551	1731151	1745288	0.80	cps
Barium	137-1	3080590	3026132	3042738	3049820	0.92	cps
Beryllium	9-1	336352	335902	338395	336883	0.39	cps
Bismuth	209-1	1641724	1636338	1662507	1646856	0.84	cps
Bismuth	209-2	998081	995213	987781	993692	0.53	cps
Boron	11-1	98040	117988	128974	115001	13.64	cps
Boron	10-1	21149	24093	26847	24030	11.86	cps
Bromine	81-1	1372	1572	1712	1552	11.02	cps
Cadmium	106-1	39783	39917	40293	39997	0.66	cps
Cadmium	108-1	28621	27903	27277	27934	2.41	cps
Cadmium	111-1	382302	385633	383029	383655	0.46	cps
Calcium	43-1	2050379	2010638	2073969	2044995	1.57	cps
Calcium	44-1	33504139	32776813	33431985	33237646	1.21	cps
Chromium	52-2	425114	425014	423766	424631	0.18	cps
Cobalt	59-2	744512	748640	752100	748417	0.51	cps
Copper	63-2	5906129	5888836	5864616	5886527	0.35	cps
Dysprosium	156-1	142	83	92	106	29.89	cps
Dysprosium	156-2	40	63	57	53	22.53	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	13	7	30	17	72.11	cps
Gadolinium	160-1	100	92	75	89	14.32	cps
Gadolinium	160-2	83	43	57	61	33.33	cps
Holmium	165-1	2764858	2735997	2780430	2760429	0.82	cps
Holmium	165-2	1398182	1395230	1406146	1399852	0.40	cps
Indium	115-1	2484689	2481259	2505794	2490581	0.53	cps
Indium	115-2	383966	382970	384118	383685	0.16	cps
Iron	54-2	4353400	4296688	4306653	4318913	0.70	cps
Iron	56-2	78999538	78953405	78927157	78960033	0.05	cps
Iron	57-2	1966712	1974551	1988246	1976503	0.55	cps
Krypton	83-1	697	743	637	692	7.72	cps
Lead	207-1	4606607	4534162	4593579	4578116	0.84	cps
Lead	208-1	20588144	20531882	20635811	20585279	0.25	cps
Lead	206-1	5111584	5142616	5101605	5118602	0.42	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:17:21	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	679232	672017	681111	677453	0.71	cps
Magnesium	24-2	11927008	11662840	11814036	11801295	1.12	cps
Manganese	55-2	1940675	1926186	1934943	1933935	0.38	cps
Molybdenum	94-1	3129080	3183008	3194008	3168699	1.10	cps
Molybdenum	95-1	3924014	3918744	3937439	3926732	0.25	cps
Molybdenum	96-1	4264588	4316757	4371398	4317581	1.24	cps
Molybdenum	97-1	2447302	2430751	2486452	2454835	1.17	cps
Molybdenum	98-1	6272275	6286667	6216183	6258375	0.60	cps
Neodymium	150-1	67	67	113	82	32.77	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	210792	208509	208834	209378	0.59	cps
Phosphorus	31-2	10704	10504	11513	10907	4.90	cps
Potassium	39-2	4494659	4333293	4362422	4396791	1.96	cps
Rhodium	103-1	2341566	2293619	2348759	2327981	1.29	cps
Rhodium	103-2	1128754	1121924	1116774	1122484	0.54	cps
Scandium	45-1	1578462	1522478	1593607	1564849	2.39	cps
Scandium	45-2	48090	47197	47415	47567	0.98	cps
Selenium	77-2	810	713	707	743	7.78	cps
Selenium	78-2	2384	2483	2403	2424	2.17	cps
Selenium	82-1	25719	24843	25330	25297	1.73	cps
Silicon	28-1	1347284	1398363	1394609	1380085	2.06	cps
Silver	109-1	1886422	1897139	1907641	1897068	0.56	cps
Silver	107-1	1976212	1959083	1944430	1959908	0.81	cps
Sodium	23-2	23072085	22589870	22649302	22770419	1.15	cps
Strontium	86-1	483852	481156	482703	482570	0.28	cps
Strontium	88-1	4160503	4078163	4113381	4117349	1.00	cps
Sulfur	34-1	521040	524207	526921	524056	0.56	cps
Terbium	159-1	2924073	2921162	2963099	2936111	0.80	cps
Terbium	159-2	1375057	1381657	1377083	1377932	0.25	cps
Thallium	203-1	1217889	1224534	1222561	1221661	0.28	cps
Thallium	205-1	2922421	2922323	2887117	2910620	0.70	cps
Tin	118-1	1208831	1207600	1208157	1208196	0.05	cps
Titanium	47-1	1097650	1076090	1094471	1089404	1.07	cps
Uranium	238-1	3880001	3945604	3853299	3892968	1.22	cps
Vanadium	51-2	324745	325668	325306	325239	0.14	cps
Yttrium	89-1	4643670	4562010	4674776	4626819	1.26	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:17:21	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	496647	493726	495853	495409	0.30	cps
Zinc	66-2	838615	826482	828307	831135	0.79	cps
Zirconium	90-1	2670694	2643932	2675672	2663432	0.64	cps
Zirconium	91-1	588328	585410	584046	585928	0.37	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:27:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	267	330	309	11.84	cps
Antimony	121-1	25	42	42	36	26.65	cps
Arsenic	75-2	5	4	5	5	12.37	cps
Barium	135-1	17	8	33	19	65.47	cps
Barium	137-1	17	58	17	31	78.71	cps
Beryllium	9-1	48	52	44	48	8.34	cps
Bismuth	209-1	1655069	1663331	1652263	1656888	0.35	cps
Bismuth	209-2	987346	990844	998313	992168	0.56	cps
Boron	11-1	3854	3708	3712	3758	2.21	cps
Boron	10-1	816	760	824	800	4.36	cps
Bromine	81-1	1532	1692	1582	1602	5.12	cps
Cadmium	106-1	1075	1100	925	1033	9.16	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Cadmium	111-1	751	785	655	730	9.20	cps
Calcium	43-1	292	317	325	311	5.58	cps
Calcium	44-1	19639	19197	18946	19261	1.82	cps
Chromium	52-2	987	1020	1053	1020	3.27	cps
Cobalt	59-2	53	13	33	33	60.01	cps
Copper	63-2	413	490	487	463	9.35	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	2683062	2676354	2628694	2662704	1.11	cps
Holmium	165-2	1331434	1338698	1350053	1340062	0.70	cps
Indium	115-1	2422117	2420395	2339246	2393919	1.98	cps
Indium	115-2	365924	365941	369189	367018	0.51	cps
Iron	54-2	489	456	400	448	10.02	cps
Iron	56-2	3556	3601	3762	3639	2.97	cps
Iron	57-2	94	89	144	109	28.00	cps
Krypton	83-1	707	753	700	720	4.04	cps
Lead	207-1	689	578	711	659	10.84	cps
Lead	208-1	2884	2734	2772	2796	2.78	cps
Lead	206-1	556	572	617	582	5.43	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:27:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	675126	678842	673325	675764	0.42	cps
Magnesium	24-2	250	200	225	225	11.11	cps
Manganese	55-2	90	80	90	87	6.66	cps
Molybdenum	94-1	142	50	83	92	50.62	cps
Molybdenum	95-1	58	50	42	50	16.66	cps
Molybdenum	96-1	133	75	83	97	32.45	cps
Molybdenum	97-1	17	33	67	39	65.47	cps
Molybdenum	98-1	42	25	50	39	32.73	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	90	93	92	2.09	cps
Phosphorus	31-2	150	158	142	150	5.56	cps
Potassium	39-2	13615	14583	14249	14149	3.47	cps
Rhodium	103-1	2368940	2356872	2294437	2340083	1.71	cps
Rhodium	103-2	1131474	1146047	1148208	1141910	0.80	cps
Scandium	45-1	1546869	1537305	1530806	1538326	0.53	cps
Scandium	45-2	45806	45632	46913	46117	1.51	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	23	26	21	26.65	cps
Selenium	82-1	296	278	272	282	4.43	cps
Silicon	28-1	540930	543964	540498	541797	0.35	cps
Silver	109-1	8	42	75	42	80.00	cps
Silver	107-1	33	25	17	25	33.32	cps
Sodium	23-2	24780	24412	25548	24913	2.33	cps
Strontium	86-1	1092	1075	1017	1061	3.71	cps
Strontium	88-1	175	133	175	161	14.93	cps
Sulfur	34-1	409960	408298	411855	410038	0.43	cps
Terbium	159-1	2854282	2803995	2807415	2821897	1.00	cps
Terbium	159-2	1323171	1337558	1346634	1335788	0.89	cps
Thallium	203-1	233	142	183	186	24.66	cps
Thallium	205-1	367	442	350	386	12.65	cps
Tin	118-1	233	158	250	214	22.83	cps
Titanium	47-1	342	425	433	400	12.67	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	4422368	4540742	4369650	4444253	1.97	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:27:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	475135	475170	481544	477283	0.77	cps
Zinc	66-2	127	85	125	112	21.23	cps
Zirconium	90-1	192	300	242	244	22.18	cps
Zirconium	91-1	67	75	25	56	48.22	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:30:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1688416	1630868	1661452	1660245	1.73	cps
Antimony	121-1	175	208	233	206	14.24	cps
Arsenic	75-2	1880	1911	1841	1878	1.87	cps
Barium	135-1	442352	444935	460755	449347	2.22	cps
Barium	137-1	776736	787958	808688	791127	2.05	cps
Beryllium	9-1	3000	3086	2964	3016	2.08	cps
Bismuth	209-1	1595523	1618100	1632227	1615283	1.15	cps
Bismuth	209-2	988607	995595	979101	987768	0.84	cps
Boron	11-1	4444	4740	4860	4681	4.57	cps
Boron	10-1	918	926	1034	959	6.75	cps
Bromine	81-1	5897	6158	7059	6371	9.57	cps
Cadmium	106-1	1433	1333	1417	1395	3.84	cps
Cadmium	108-1	163	96	138	132	25.52	cps
Cadmium	111-1	1236	1175	1187	1199	2.68	cps
Calcium	43-1	18412	18487	19122	18674	2.09	cps
Calcium	44-1	309155	320666	318441	316087	1.93	cps
Chromium	52-2	129607	130357	131175	130380	0.60	cps
Cobalt	59-2	62449	60983	61104	61512	1.32	cps
Copper	63-2	87983	87333	89114	88143	1.02	cps
Dysprosium	156-1	47661	47376	47794	47611	0.45	cps
Dysprosium	156-2	22439	22673	22489	22534	0.55	cps
Erbium	164-1	37378	37679	39375	38144	2.82	cps
Erbium	164-2	19137	19050	18523	18904	1.76	cps
Gadolinium	160-1	45160	47192	46649	46334	2.27	cps
Gadolinium	160-2	26066	26359	26232	26219	0.56	cps
Holmium	165-1	2605798	2662015	2686923	2651579	1.57	cps
Holmium	165-2	1368505	1370198	1355774	1364826	0.58	cps
Indium	115-1	2301061	2323153	2372526	2332247	1.57	cps
Indium	115-2	363379	368790	364620	365597	0.78	cps
Iron	54-2	4276582	4217468	4176071	4223374	1.20	cps
Iron	56-2	76859649	78632802	77209318	77567256	1.21	cps
Iron	57-2	1906789	1977037	1970725	1951517	1.99	cps
Krypton	83-1	730	723	727	727	0.46	cps
Lead	207-1	127773	131246	131483	130167	1.60	cps
Lead	208-1	599438	609993	612493	607308	1.14	cps
Lead	206-1	155246	157433	160148	157609	1.56	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:30:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	686246	704456	704647	698450	1.51	cps
Magnesium	24-2	934587	929961	928818	931122	0.33	cps
Manganese	55-2	921763	928095	923683	924514	0.35	cps
Molybdenum	94-1	66133	67941	68008	67361	1.58	cps
Molybdenum	95-1	7886	7502	8103	7830	3.88	cps
Molybdenum	96-1	18663	19431	19222	19105	2.08	cps
Molybdenum	97-1	4426	4784	4784	4665	4.44	cps
Molybdenum	98-1	12005	12923	12589	12506	3.71	cps
Neodymium	150-1	80681	80949	82465	81365	1.18	cps
Neodymium	150-2	29239	29870	28457	29188	2.43	cps
Nickel	60-2	43025	43513	42416	42985	1.28	cps
Phosphorus	31-2	3150	2917	2967	3012	4.08	cps
Potassium	39-2	134212	132791	132597	133200	0.66	cps
Rhodium	103-1	2222321	2279660	2313374	2271785	2.03	cps
Rhodium	103-2	1149937	1132772	1141489	1141400	0.75	cps
Scandium	45-1	1595698	1603036	1640786	1613173	1.50	cps
Scandium	45-2	49137	49405	49558	49367	0.43	cps
Selenium	77-2	90	103	80	91	12.85	cps
Selenium	78-2	92	84	77	84	8.90	cps
Selenium	82-1	503	554	531	529	4.87	cps
Silicon	28-1	1601895	1616625	1639999	1619506	1.19	cps
Silver	109-1	933	592	742	756	22.67	cps
Silver	107-1	825	892	900	872	4.71	cps
Sodium	23-2	52930	51441	50622	51664	2.26	cps
Strontium	86-1	25257	25298	25908	25488	1.43	cps
Strontium	88-1	206957	211407	213777	210714	1.64	cps
Sulfur	34-1	388664	377320	370611	378865	2.41	cps
Terbium	159-1	2816821	2844003	2879007	2846611	1.10	cps
Terbium	159-2	1358645	1366059	1346976	1357227	0.71	cps
Thallium	203-1	2350	2109	2500	2320	8.52	cps
Thallium	205-1	5468	5401	5410	5426	0.67	cps
Tin	118-1	2267	2200	2300	2256	2.26	cps
Titanium	47-1	99797	103180	102725	101900	1.80	cps
Uranium	238-1	34080	34974	35066	34706	1.57	cps
Vanadium	51-2	127085	128585	127828	127832	0.59	cps
Yttrium	89-1	4948091	4993578	5138648	5026773	1.98	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:30:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	548104	546470	549361	547978	0.26	cps
Zinc	66-2	46928	47062	47190	47060	0.28	cps
Zirconium	90-1	172186	172846	178102	174378	1.86	cps
Zirconium	91-1	37936	40502	39006	39148	3.29	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:33:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1929801	1940038	1950409	1940083	0.53	cps
Antimony	121-1	158	150	142	150	5.56	cps
Arsenic	75-2	2807	2729	2702	2746	1.99	cps
Barium	135-1	441243	446905	452722	446957	1.28	cps
Barium	137-1	777865	785567	789996	784476	0.78	cps
Beryllium	9-1	4804	4924	5026	4918	2.26	cps
Bismuth	209-1	1646888	1640424	1654006	1647106	0.41	cps
Bismuth	209-2	995963	1006453	1001322	1001246	0.52	cps
Boron	11-1	8057	8819	9891	8922	10.33	cps
Boron	10-1	1696	1816	2002	1838	8.39	cps
Bromine	81-1	2733	2363	2563	2553	7.26	cps
Cadmium	106-1	2217	2234	2400	2284	4.44	cps
Cadmium	108-1	408	425	396	410	3.57	cps
Cadmium	111-1	1920	1912	2011	1948	2.84	cps
Calcium	43-1	90753	91927	92295	91659	0.88	cps
Calcium	44-1	1478099	1533619	1498649	1503456	1.87	cps
Chromium	52-2	134865	134478	133449	134264	0.55	cps
Cobalt	59-2	187592	183723	184006	185107	1.17	cps
Copper	63-2	241866	240785	238789	240480	0.65	cps
Dysprosium	156-1	117833	117363	120037	118411	1.21	cps
Dysprosium	156-2	59703	60118	59545	59789	0.49	cps
Erbium	164-1	100210	99135	100663	100003	0.78	cps
Erbium	164-2	48515	48247	48077	48280	0.46	cps
Gadolinium	160-1	122004	118953	121576	120844	1.37	cps
Gadolinium	160-2	68967	70696	70348	70004	1.31	cps
Holmium	165-1	2744336	2761794	2735453	2747195	0.49	cps
Holmium	165-2	1414808	1425736	1412132	1417559	0.51	cps
Indium	115-1	2395374	2387165	2391187	2391242	0.17	cps
Indium	115-2	378929	373538	371319	374595	1.04	cps
Iron	54-2	6867239	6853894	6728054	6816395	1.13	cps
Iron	56-2	126498186	126608270	124240267	125782241	1.06	cps
Iron	57-2	3187262	3188650	3131015	3168976	1.04	cps
Krypton	83-1	887	743	943	858	12.02	cps
Lead	207-1	146338	150941	150266	149182	1.67	cps
Lead	208-1	696638	706798	710608	704681	1.02	cps
Lead	206-1	179244	181261	180704	180403	0.58	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:33:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	725611	732594	734647	730951	0.65	cps
Magnesium	24-2	2434177	2404443	2404252	2414291	0.71	cps
Manganese	55-2	2245562	2236296	2203379	2228413	0.99	cps
Molybdenum	94-1	190281	191597	192003	191294	0.47	cps
Molybdenum	95-1	2550	2434	2509	2498	2.37	cps
Molybdenum	96-1	34627	34635	35128	34797	0.82	cps
Molybdenum	97-1	1692	1592	1475	1586	6.84	cps
Molybdenum	98-1	3601	4134	3842	3859	6.92	cps
Neodymium	150-1	190415	189387	192310	190704	0.78	cps
Neodymium	150-2	69690	69184	69190	69355	0.42	cps
Nickel	60-2	104634	104578	103433	104215	0.65	cps
Phosphorus	31-2	4576	4551	4176	4434	5.05	cps
Potassium	39-2	571324	573071	568545	570980	0.40	cps
Rhodium	103-1	2322683	2346134	2344812	2337876	0.56	cps
Rhodium	103-2	1144726	1155093	1140734	1146851	0.65	cps
Scandium	45-1	1760222	1771302	1772064	1767863	0.37	cps
Scandium	45-2	54707	53757	55343	54602	1.46	cps
Selenium	77-2	260	273	250	261	4.48	cps
Selenium	78-2	170	153	163	162	5.27	cps
Selenium	82-1	515	678	511	568	16.76	cps
Silicon	28-1	1706555	1601816	1572098	1626823	4.34	cps
Silver	109-1	367	408	358	378	7.09	cps
Silver	107-1	583	650	525	586	10.67	cps
Sodium	23-2	94916	96695	95209	95607	1.00	cps
Strontium	86-1	87985	88471	88454	88303	0.31	cps
Strontium	88-1	751559	762622	760933	758371	0.79	cps
Sulfur	34-1	353896	347957	347572	349809	1.01	cps
Terbium	159-1	2907390	2887759	2918087	2904412	0.53	cps
Terbium	159-2	1396938	1409131	1403756	1403275	0.44	cps
Thallium	203-1	3134	3084	2875	3031	4.52	cps
Thallium	205-1	6777	7627	7352	7252	5.98	cps
Tin	118-1	4859	5034	5076	4990	2.31	cps
Titanium	47-1	539127	543856	554613	545865	1.45	cps
Uranium	238-1	40607	40699	42555	41287	2.66	cps
Vanadium	51-2	131520	130986	131921	131476	0.36	cps
Yttrium	89-1	5953314	5967367	5997637	5972772	0.38	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:33:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	649666	654442	652599	652236	0.37	cps
Zinc	66-2	92033	91224	91402	91553	0.46	cps
Zirconium	90-1	531413	531984	539666	534354	0.86	cps
Zirconium	91-1	117737	115971	116223	116644	0.82	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:36:32	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	773942	765721	778829	772831	0.86	cps
Antimony	121-1	67	83	92	81	15.80	cps
Arsenic	75-2	1195	1213	1167	1192	1.95	cps
Barium	135-1	323936	328310	331125	327791	1.11	cps
Barium	137-1	565832	579796	580276	575302	1.43	cps
Beryllium	9-1	1890	1854	1952	1898	2.61	cps
Bismuth	209-1	1628052	1637746	1638785	1634861	0.36	cps
Bismuth	209-2	978242	937365	975481	963696	2.37	cps
Boron	11-1	4106	4094	4228	4142	1.79	cps
Boron	10-1	916	896	974	929	4.36	cps
Bromine	81-1	2693	3234	3084	3003	9.29	cps
Cadmium	106-1	1475	1333	1525	1445	6.88	cps
Cadmium	108-1	163	229	175	189	18.76	cps
Cadmium	111-1	1302	1252	1378	1311	4.85	cps
Calcium	43-1	53509	55374	57097	55327	3.24	cps
Calcium	44-1	895976	908763	934427	913055	2.14	cps
Chromium	52-2	118062	118021	119504	118529	0.71	cps
Cobalt	59-2	77747	78786	79182	78572	0.94	cps
Copper	63-2	66522	66813	66451	66595	0.29	cps
Dysprosium	156-1	46164	46816	46139	46373	0.83	cps
Dysprosium	156-2	22946	22870	23080	22965	0.46	cps
Erbium	164-1	39978	39375	40278	39877	1.15	cps
Erbium	164-2	18830	18954	19384	19056	1.53	cps
Gadolinium	160-1	45821	45403	47853	46359	2.83	cps
Gadolinium	160-2	25999	26333	26904	26412	1.73	cps
Holmium	165-1	2690730	2682119	2657555	2676802	0.64	cps
Holmium	165-2	1375561	1302016	1347038	1341538	2.76	cps
Indium	115-1	2336452	2336248	2406780	2359827	1.72	cps
Indium	115-2	368214	349138	362160	359838	2.71	cps
Iron	54-2	1839160	1904656	1913596	1885804	2.16	cps
Iron	56-2	34545254	34094331	34421796	34353794	0.68	cps
Iron	57-2	839478	843263	849854	844199	0.62	cps
Krypton	83-1	783	720	780	761	4.68	cps
Lead	207-1	52311	53828	53438	53192	1.48	cps
Lead	208-1	249255	255011	255555	253274	1.38	cps
Lead	206-1	64823	65744	65475	65347	0.72	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:36:32	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	704131	702045	705053	703743	0.22	cps
Magnesium	24-2	739639	726408	734917	733655	0.91	cps
Manganese	55-2	155189	156686	155449	155775	0.51	cps
Molybdenum	94-1	78069	79259	79653	78993	1.04	cps
Molybdenum	95-1	2525	3242	2842	2870	12.52	cps
Molybdenum	96-1	15901	16402	16519	16274	2.02	cps
Molybdenum	97-1	1717	1750	2117	1861	11.93	cps
Molybdenum	98-1	5093	4618	4434	4715	7.21	cps
Neodymium	150-1	75303	77959	76846	76703	1.74	cps
Neodymium	150-2	27969	27993	28480	28147	1.02	cps
Nickel	60-2	39244	39826	39542	39537	0.74	cps
Phosphorus	31-2	1125	942	883	983	12.82	cps
Potassium	39-2	88823	88630	89485	88979	0.50	cps
Rhodium	103-1	2345248	2303011	2338293	2328851	0.97	cps
Rhodium	103-2	1132882	1082569	1119696	1111716	2.35	cps
Scandium	45-1	1652259	1635726	1683026	1657004	1.45	cps
Scandium	45-2	50552	47696	49759	49336	2.99	cps
Selenium	77-2	107	137	100	114	17.07	cps
Selenium	78-2	73	100	81	85	16.38	cps
Selenium	82-1	453	546	566	522	11.56	cps
Silicon	28-1	1412545	1318084	1311332	1347320	4.20	cps
Silver	109-1	650	625	725	667	7.81	cps
Silver	107-1	817	858	850	842	2.62	cps
Sodium	23-2	112683	111852	113262	112599	0.63	cps
Strontium	86-1	33223	34886	33591	33900	2.58	cps
Strontium	88-1	284834	286862	284688	285461	0.43	cps
Sulfur	34-1	383453	383336	378810	381866	0.69	cps
Terbium	159-1	2858121	2830940	2889778	2859613	1.03	cps
Terbium	159-2	1361304	1291228	1343190	1331908	2.73	cps
Thallium	203-1	950	992	1042	995	4.62	cps
Thallium	205-1	2167	2450	2134	2250	7.73	cps
Tin	118-1	5343	5368	5335	5348	0.32	cps
Titanium	47-1	307656	310314	316167	311379	1.40	cps
Uranium	238-1	66717	67488	68593	67599	1.40	cps
Vanadium	51-2	90262	88840	89467	89523	0.80	cps
Yttrium	89-1	5090045	5072943	5157063	5106684	0.87	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 14:36:32	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	551668	528985	544026	541560	2.13	cps
Zinc	66-2	36046	35564	36069	35893	0.79	cps
Zirconium	90-1	210952	213737	215657	213449	1.11	cps
Zirconium	91-1	46152	47356	47966	47158	1.96	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:39:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326823	326735	323351	325636	0.61	cps
Antimony	121-1	58	67	75	67	12.49	cps
Arsenic	75-2	594	548	625	589	6.58	cps
Barium	135-1	22903	22344	21542	22263	3.07	cps
Barium	137-1	40269	38981	38898	39383	1.95	cps
Beryllium	9-1	696	628	736	687	7.95	cps
Bismuth	209-1	1710389	1715260	1722262	1715970	0.35	cps
Bismuth	209-2	1044403	1018210	988941	1017184	2.73	cps
Boron	11-1	2608	2640	2726	2658	2.30	cps
Boron	10-1	528	598	522	549	7.69	cps
Bromine	81-1	2182	2232	2192	2202	1.20	cps
Cadmium	106-1	1092	992	1142	1075	7.11	cps
Cadmium	108-1	83	67	29	60	46.45	cps
Cadmium	111-1	864	764	941	857	10.37	cps
Calcium	43-1	4042	4726	4434	4401	7.79	cps
Calcium	44-1	85520	85078	86267	85621	0.70	cps
Chromium	52-2	26371	26237	26768	26459	1.04	cps
Cobalt	59-2	20945	20622	20966	20844	0.93	cps
Copper	63-2	28125	28639	28779	28514	1.21	cps
Dysprosium	156-1	6877	6702	7202	6927	3.66	cps
Dysprosium	156-2	3020	2964	3097	3027	2.21	cps
Erbium	164-1	5468	6002	5026	5499	8.88	cps
Erbium	164-2	2877	2920	2514	2770	8.06	cps
Gadolinium	160-1	6410	6410	6085	6302	2.98	cps
Gadolinium	160-2	3547	3577	3484	3536	1.35	cps
Holmium	165-1	2774303	2778853	2780304	2777820	0.11	cps
Holmium	165-2	1439800	1400937	1348922	1396553	3.26	cps
Indium	115-1	2543209	2502194	2560218	2535207	1.18	cps
Indium	115-2	393026	386371	372576	383991	2.72	cps
Iron	54-2	1124655	1095657	1120575	1113629	1.41	cps
Iron	56-2	20693650	20964674	20655264	20771196	0.81	cps
Iron	57-2	512661	511487	513191	512446	0.17	cps
Krypton	83-1	693	697	707	699	0.99	cps
Lead	207-1	24329	24139	24023	24164	0.64	cps
Lead	208-1	112959	112262	111856	112359	0.50	cps
Lead	206-1	28860	29027	28259	28715	1.41	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:39:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	723494	721244	726240	723659	0.35	cps
Magnesium	24-2	411425	403028	406582	407012	1.04	cps
Manganese	55-2	75796	75371	75702	75623	0.30	cps
Molybdenum	94-1	24639	24030	24648	24439	1.45	cps
Molybdenum	95-1	1458	1283	1442	1395	6.93	cps
Molybdenum	96-1	5426	5410	5501	5446	0.90	cps
Molybdenum	97-1	825	950	900	892	7.06	cps
Molybdenum	98-1	2142	2150	2292	2195	3.84	cps
Neodymium	150-1	11906	11879	12246	12010	1.70	cps
Neodymium	150-2	4397	4327	4467	4397	1.59	cps
Nickel	60-2	17681	17471	17684	17612	0.69	cps
Phosphorus	31-2	917	958	925	933	2.36	cps
Potassium	39-2	58436	58962	57574	58324	1.20	cps
Rhodium	103-1	2507411	2464271	2499638	2490440	0.92	cps
Rhodium	103-2	1209687	1193386	1150385	1184486	2.59	cps
Scandium	45-1	1665852	1634782	1633378	1644670	1.12	cps
Scandium	45-2	51184	49023	47375	49194	3.88	cps
Selenium	77-2	17	13	10	13	25.01	cps
Selenium	78-2	27	36	33	32	14.32	cps
Selenium	82-1	322	311	315	316	1.87	cps
Silicon	28-1	718104	678072	716565	704247	3.22	cps
Silver	109-1	533	450	650	544	18.45	cps
Silver	107-1	742	592	583	639	13.95	cps
Sodium	23-2	32102	33046	31785	32311	2.03	cps
Strontium	86-1	7185	7469	7377	7344	1.97	cps
Strontium	88-1	55369	53720	54666	54585	1.52	cps
Sulfur	34-1	340349	341175	337083	339536	0.64	cps
Terbium	159-1	2971359	2999723	2956731	2975937	0.73	cps
Terbium	159-2	1432425	1393606	1349404	1391811	2.98	cps
Thallium	203-1	233	267	208	236	12.40	cps
Thallium	205-1	700	750	625	692	9.10	cps
Tin	118-1	1367	908	1075	1117	20.78	cps
Titanium	47-1	23011	22585	23403	23000	1.78	cps
Uranium	238-1	7211	7477	7711	7466	3.35	cps
Vanadium	51-2	17721	17461	17734	17639	0.87	cps
Yttrium	89-1	4798726	4764389	4780508	4781208	0.36	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-32-(8.5-9)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:39:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	518893	512385	492599	507959	2.70	cps
Zinc	66-2	20392	20484	19935	20270	1.45	cps
Zirconium	90-1	64517	65304	65646	65155	0.89	cps
Zirconium	91-1	14550	13682	14399	14210	3.26	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:42:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	454694	455595	447916	452735	0.93	cps
Antimony	121-1	33	33	58	42	34.65	cps
Arsenic	75-2	410	400	339	383	10.03	cps
Barium	135-1	182382	190798	188110	187096	2.30	cps
Barium	137-1	323712	334113	327150	328325	1.61	cps
Beryllium	9-1	1134	1176	1274	1194	6.01	cps
Bismuth	209-1	1725495	1719386	1693652	1712845	0.99	cps
Bismuth	209-2	1041467	1037509	1033364	1037447	0.39	cps
Boron	11-1	1756	1732	1688	1725	2.00	cps
Boron	10-1	352	392	378	374	5.43	cps
Bromine	81-1	1772	2233	2012	2006	11.49	cps
Cadmium	106-1	1242	1158	1167	1189	3.86	cps
Cadmium	108-1	42	50	50	47	10.18	cps
Cadmium	111-1	882	801	786	823	6.27	cps
Calcium	43-1	28763	29230	29598	29197	1.43	cps
Calcium	44-1	482214	494005	490411	488876	1.24	cps
Chromium	52-2	55143	55092	53777	54671	1.42	cps
Cobalt	59-2	22972	22648	22955	22858	0.80	cps
Copper	63-2	21343	21123	21994	21486	2.11	cps
Dysprosium	156-1	24056	23930	24306	24097	0.79	cps
Dysprosium	156-2	11368	12456	11789	11871	4.62	cps
Erbium	164-1	20959	20366	20625	20650	1.44	cps
Erbium	164-2	9770	9917	9787	9825	0.82	cps
Gadolinium	160-1	24423	23563	25066	24351	3.10	cps
Gadolinium	160-2	14091	13474	13420	13662	2.73	cps
Holmium	165-1	2805176	2795568	2786322	2795689	0.34	cps
Holmium	165-2	1424259	1424000	1418987	1422415	0.21	cps
Indium	115-1	2475000	2506136	2515670	2498935	0.85	cps
Indium	115-2	390995	391624	391817	391479	0.11	cps
Iron	54-2	1315880	1319863	1308145	1314630	0.45	cps
Iron	56-2	24670375	24640969	24408588	24573311	0.58	cps
Iron	57-2	603056	607551	604195	604934	0.39	cps
Krypton	83-1	747	653	767	722	8.38	cps
Lead	207-1	41511	40842	40380	40911	1.39	cps
Lead	208-1	193472	193067	192582	193040	0.23	cps
Lead	206-1	50230	49539	49957	49909	0.70	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:42:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	714363	725870	721880	720704	0.81	cps
Magnesium	24-2	269119	268285	268313	268572	0.18	cps
Manganese	55-2	21323	20735	20702	20920	1.67	cps
Molybdenum	94-1	23929	23120	22711	23253	2.67	cps
Molybdenum	95-1	175	133	117	142	21.21	cps
Molybdenum	96-1	4034	4059	3892	3995	2.25	cps
Molybdenum	97-1	58	125	75	86	40.29	cps
Molybdenum	98-1	300	208	300	269	19.64	cps
Neodymium	150-1	37132	39405	38616	38384	3.01	cps
Neodymium	150-2	14311	14338	14244	14298	0.34	cps
Nickel	60-2	12666	12943	12732	12780	1.13	cps
Phosphorus	31-2	333	275	250	286	14.95	cps
Potassium	39-2	36530	37550	36664	36915	1.50	cps
Rhodium	103-1	2467185	2514007	2447925	2476372	1.37	cps
Rhodium	103-2	1212089	1205580	1219157	1212275	0.56	cps
Scandium	45-1	1717458	1746397	1689239	1717698	1.66	cps
Scandium	45-2	52432	52041	52579	52351	0.53	cps
Selenium	77-2	60	43	67	57	21.21	cps
Selenium	78-2	43	56	59	53	16.16	cps
Selenium	82-1	366	412	385	387	5.90	cps
Silicon	28-1	696500	705257	682237	694665	1.67	cps
Silver	109-1	200	292	233	242	19.20	cps
Silver	107-1	350	283	342	325	11.18	cps
Sodium	23-2	55958	56276	57029	56421	0.97	cps
Strontium	86-1	22085	22276	22218	22193	0.44	cps
Strontium	88-1	181253	183249	180270	181591	0.84	cps
Sulfur	34-1	343878	341623	339392	341631	0.66	cps
Terbium	159-1	2939629	2945669	2986205	2957167	0.86	cps
Terbium	159-2	1423908	1412707	1415268	1417294	0.41	cps
Thallium	203-1	633	783	667	694	11.34	cps
Thallium	205-1	1575	1850	1608	1678	8.95	cps
Tin	118-1	275	317	283	292	7.56	cps
Titanium	47-1	12614	12222	13540	12792	5.29	cps
Uranium	238-1	25844	25601	26102	25849	0.97	cps
Vanadium	51-2	36664	35665	36319	36216	1.40	cps
Yttrium	89-1	5012140	5086159	5086848	5061716	0.85	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:42:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	553660	548147	548039	549949	0.58	cps
Zinc	66-2	11134	11049	11371	11185	1.49	cps
Zirconium	90-1	61035	63654	62206	62298	2.11	cps
Zirconium	91-1	14249	14525	13707	14160	2.94	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02DUPDLX5 Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 14:45:01 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	454595	451214	451647	452485	0.41	cps
Antimony	121-1	50	50	83	61	31.50	cps
Arsenic	75-2	411	383	363	386	6.25	cps
Barium	135-1	192655	193738	193602	193332	0.31	cps
Barium	137-1	338183	338124	340763	339023	0.44	cps
Beryllium	9-1	1076	1200	1158	1144	5.51	cps
Bismuth	209-1	1739353	1733196	1679927	1717492	1.90	cps
Bismuth	209-2	953204	989839	1033520	992187	4.05	cps
Boron	11-1	1518	1460	1450	1476	2.49	cps
Boron	10-1	344	352	348	348	1.15	cps
Bromine	81-1	2002	2122	1772	1966	9.06	cps
Cadmium	106-1	1233	1033	1317	1195	12.19	cps
Cadmium	108-1	54	42	63	53	19.86	cps
Cadmium	111-1	863	719	903	828	11.67	cps
Calcium	43-1	27995	28629	29347	28657	2.36	cps
Calcium	44-1	478026	478387	482220	479544	0.48	cps
Chromium	52-2	55330	55698	55219	55416	0.45	cps
Cobalt	59-2	22241	22084	21864	22063	0.86	cps
Copper	63-2	21453	21650	20979	21361	1.61	cps
Dysprosium	156-1	24573	24790	23471	24278	2.91	cps
Dysprosium	156-2	12072	11108	12046	11742	4.68	cps
Erbium	164-1	19490	20199	20399	20029	2.39	cps
Erbium	164-2	9453	9470	10071	9665	3.64	cps
Gadolinium	160-1	23313	24531	24256	24033	2.66	cps
Gadolinium	160-2	13934	13630	13924	13830	1.25	cps
Holmium	165-1	2776787	2778726	2797344	2784286	0.41	cps
Holmium	165-2	1315609	1371911	1428756	1372092	4.12	cps
Indium	115-1	2528444	2511928	2463090	2501154	1.36	cps
Indium	115-2	356291	375246	394124	375220	5.04	cps
Iron	54-2	1281500	1271166	1278914	1277193	0.42	cps
Iron	56-2	23641232	23423467	23211885	23425528	0.92	cps
Iron	57-2	581058	575880	578978	578639	0.45	cps
Krypton	83-1	743	653	697	698	6.45	cps
Lead	207-1	39861	40552	39884	40099	0.98	cps
Lead	208-1	188113	188156	188933	188401	0.25	cps
Lead	206-1	49310	48959	48563	48944	0.76	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:45:01	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	721465	721702	722270	721812	0.06	cps
Magnesium	24-2	263911	260872	266147	263643	1.00	cps
Manganese	55-2	20395	20608	20555	20519	0.54	cps
Molybdenum	94-1	23153	22961	23570	23228	1.34	cps
Molybdenum	95-1	142	158	192	164	15.53	cps
Molybdenum	96-1	4367	3934	4084	4129	5.33	cps
Molybdenum	97-1	117	125	67	103	30.69	cps
Molybdenum	98-1	242	292	183	239	22.70	cps
Neodymium	150-1	39572	39224	38776	39191	1.02	cps
Neodymium	150-2	14478	14041	14735	14418	2.43	cps
Nickel	60-2	12596	12169	12933	12566	3.05	cps
Phosphorus	31-2	292	250	292	278	8.66	cps
Potassium	39-2	35193	37265	36012	36157	2.89	cps
Rhodium	103-1	2481452	2462464	2419801	2454572	1.29	cps
Rhodium	103-2	1108999	1176017	1202521	1162512	4.15	cps
Scandium	45-1	1704437	1719796	1695031	1706421	0.73	cps
Scandium	45-2	48499	49421	51017	49646	2.57	cps
Selenium	77-2	47	43	43	44	4.34	cps
Selenium	78-2	54	64	47	55	15.54	cps
Selenium	82-1	388	360	428	392	8.79	cps
Silicon	28-1	752003	801400	798014	783805	3.52	cps
Silver	109-1	242	242	308	264	14.59	cps
Silver	107-1	317	242	317	292	14.85	cps
Sodium	23-2	55690	56041	56551	56094	0.77	cps
Strontium	86-1	21784	21801	22252	21946	1.21	cps
Strontium	88-1	179315	180439	182497	180750	0.89	cps
Sulfur	34-1	352351	348452	352483	351095	0.65	cps
Terbium	159-1	2962717	2927475	2928895	2939696	0.68	cps
Terbium	159-2	1298654	1360709	1414516	1357960	4.27	cps
Thallium	203-1	767	775	708	750	4.84	cps
Thallium	205-1	1558	1525	1684	1589	5.25	cps
Tin	118-1	217	300	325	281	20.22	cps
Titanium	47-1	12322	12672	12322	12439	1.63	cps
Uranium	238-1	27355	26962	26979	27099	0.82	cps
Vanadium	51-2	37446	36884	37653	37327	1.07	cps
Yttrium	89-1	5122578	5040738	4946107	5036475	1.75	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:45:01	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	508294	531237	545391	528307	3.54	cps
Zinc	66-2	11396	11314	11381	11364	0.38	cps
Zirconium	90-1	64416	64835	64006	64419	0.64	cps
Zirconium	91-1	14616	14316	14416	14450	1.06	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-04-01 14:47:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91294	91220	90361	90959	0.57	cps
Antimony	121-1	42	42	17	33	43.30	cps
Arsenic	75-2	77	85	89	84	7.30	cps
Barium	135-1	37210	37904	37619	37578	0.93	cps
Barium	137-1	67393	66664	65073	66377	1.79	cps
Beryllium	9-1	226	282	226	245	13.21	cps
Bismuth	209-1	1727981	1722976	1746818	1732592	0.73	cps
Bismuth	209-2	1022335	1053351	990801	1022163	3.06	cps
Boron	11-1	1284	1230	1236	1250	2.37	cps
Boron	10-1	246	296	258	267	9.79	cps
Bromine	81-1	1702	1802	1562	1689	7.15	cps
Cadmium	106-1	958	908	1125	997	11.38	cps
Cadmium	108-1	29	13	8	17	66.16	cps
Cadmium	111-1	667	627	790	695	12.22	cps
Calcium	43-1	5793	5776	6160	5910	3.67	cps
Calcium	44-1	111976	111364	113302	112214	0.88	cps
Chromium	52-2	11872	12219	11832	11974	1.78	cps
Cobalt	59-2	4654	4714	4474	4614	2.71	cps
Copper	63-2	4577	4564	4641	4594	0.89	cps
Dysprosium	156-1	4868	4709	4701	4759	1.97	cps
Dysprosium	156-2	2294	2390	2340	2341	2.07	cps
Erbium	164-1	3776	4226	4209	4070	6.27	cps
Erbium	164-2	1897	1903	1977	1926	2.31	cps
Gadolinium	160-1	4543	4893	4893	4776	4.23	cps
Gadolinium	160-2	2740	2980	2747	2823	4.84	cps
Holmium	165-1	2854123	2812609	2811376	2826036	0.86	cps
Holmium	165-2	1399777	1451143	1349979	1400300	3.61	cps
Indium	115-1	2511050	2522870	2498818	2510913	0.48	cps
Indium	115-2	387502	398572	370352	385475	3.69	cps
Iron	54-2	264960	268157	267875	266997	0.66	cps
Iron	56-2	4955663	5018594	4959135	4977797	0.71	cps
Iron	57-2	122572	122992	124208	123257	0.69	cps
Krypton	83-1	733	750	713	732	2.51	cps
Lead	207-1	8275	8742	8603	8540	2.81	cps
Lead	208-1	40387	41210	40831	40809	1.01	cps
Lead	206-1	10438	10566	10588	10530	0.77	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-04-01 14:47:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	722711	727332	724119	724721	0.33	cps
Magnesium	24-2	54285	53708	54503	54165	0.76	cps
Manganese	55-2	4167	4407	4147	4241	3.41	cps
Molybdenum	94-1	4776	4334	4359	4490	5.53	cps
Molybdenum	95-1	117	42	58	72	54.53	cps
Molybdenum	96-1	900	775	942	872	9.94	cps
Molybdenum	97-1	58	42	42	47	20.38	cps
Molybdenum	98-1	58	75	117	83	36.05	cps
Neodymium	150-1	7169	8003	8016	7729	6.28	cps
Neodymium	150-2	2757	2914	2677	2783	4.33	cps
Nickel	60-2	2560	2557	2680	2599	2.70	cps
Phosphorus	31-2	342	275	142	253	40.29	cps
Potassium	39-2	19372	18946	19313	19210	1.20	cps
Rhodium	103-1	2493792	2497406	2462720	2484639	0.77	cps
Rhodium	103-2	1190778	1229480	1154609	1191622	3.14	cps
Scandium	45-1	1677807	1628983	1654799	1653863	1.48	cps
Scandium	45-2	49552	50936	47425	49304	3.59	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	37	37	22	32	27.06	cps
Selenium	82-1	293	263	364	307	16.95	cps
Silicon	28-1	589938	588436	589346	589240	0.13	cps
Silver	109-1	58	50	25	44	39.03	cps
Silver	107-1	92	158	83	111	37.00	cps
Sodium	23-2	29881	30207	30015	30034	0.55	cps
Strontium	86-1	5426	5626	4959	5337	6.41	cps
Strontium	88-1	36807	37518	35772	36699	2.39	cps
Sulfur	34-1	348793	347606	352154	349518	0.67	cps
Terbium	159-1	2948799	2949781	2944359	2947646	0.10	cps
Terbium	159-2	1387466	1445923	1338436	1390608	3.87	cps
Thallium	203-1	108	167	200	158	29.30	cps
Thallium	205-1	467	392	408	422	9.33	cps
Tin	118-1	200	158	208	189	14.18	cps
Titanium	47-1	3109	3017	2809	2978	5.16	cps
Uranium	238-1	5410	5351	5593	5451	2.31	cps
Vanadium	51-2	7219	7535	7152	7302	2.81	cps
Yttrium	89-1	4913230	4784394	4718131	4805252	2.06	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-04-01 14:47:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	510100	529834	494893	511609	3.42	cps
Zinc	66-2	2426	2436	2453	2438	0.57	cps
Zirconium	90-1	12765	13474	12473	12904	3.99	cps
Zirconium	91-1	3276	2625	3067	2989	11.11	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:50:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	714686	702072	691326	702695	1.66	cps
Antimony	121-1	105589	104263	107110	105654	1.35	cps
Arsenic	75-2	11468	11099	11329	11299	1.65	cps
Barium	135-1	452242	454996	458596	455278	0.70	cps
Barium	137-1	804708	806663	811599	807657	0.44	cps
Beryllium	9-1	70597	69545	71184	70442	1.18	cps
Bismuth	209-1	1709950	1711780	1729411	1717047	0.63	cps
Bismuth	209-2	1023019	1031538	1013109	1022555	0.90	cps
Boron	11-1	7743	9529	10318	9196	14.35	cps
Boron	10-1	1678	1938	2170	1928	12.76	cps
Bromine	81-1	2072	2152	2042	2089	2.73	cps
Cadmium	106-1	8803	9103	9378	9095	3.16	cps
Cadmium	108-1	5580	5543	5651	5591	0.98	cps
Cadmium	111-1	79927	81249	79757	80311	1.02	cps
Calcium	43-1	117352	118973	117863	118063	0.70	cps
Calcium	44-1	1898436	1929107	1909795	1912446	0.81	cps
Chromium	52-2	159259	158686	155902	157949	1.14	cps
Cobalt	59-2	187558	187687	184429	186558	0.99	cps
Copper	63-2	273593	271554	269304	271483	0.79	cps
Dysprosium	156-1	24273	25358	24406	24679	2.40	cps
Dysprosium	156-2	12169	11862	12112	12048	1.36	cps
Erbium	164-1	20349	20341	21017	20569	1.89	cps
Erbium	164-2	10297	9744	9797	9946	3.07	cps
Gadolinium	160-1	24665	24757	24840	24754	0.35	cps
Gadolinium	160-2	13934	14174	14004	14037	0.88	cps
Holmium	165-1	2777349	2788153	2781844	2782449	0.20	cps
Holmium	165-2	1415556	1410169	1400180	1408635	0.55	cps
Indium	115-1	2482783	2498500	2544269	2508517	1.27	cps
Indium	115-2	385560	381701	379774	382345	0.77	cps
Iron	54-2	2190549	2183068	2171613	2181744	0.44	cps
Iron	56-2	39752772	39089463	39670429	39504221	0.92	cps
Iron	57-2	984930	973632	976335	978299	0.60	cps
Krypton	83-1	743	767	757	756	1.55	cps
Lead	207-1	232429	230478	236443	233116	1.30	cps
Lead	208-1	1046155	1038895	1060122	1048391	1.03	cps
Lead	206-1	262555	263959	266299	264271	0.72	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:50:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	717563	712432	712975	714324	0.39	cps
Magnesium	24-2	849821	846372	831417	842537	1.16	cps
Manganese	55-2	106020	104859	104603	105160	0.72	cps
Molybdenum	94-1	469541	471647	478814	473334	1.03	cps
Molybdenum	95-1	524288	520740	516373	520467	0.76	cps
Molybdenum	96-1	587600	581924	585547	585024	0.49	cps
Molybdenum	97-1	320582	320828	321341	320917	0.12	cps
Molybdenum	98-1	823964	828133	828515	826871	0.31	cps
Neodymium	150-1	38903	39679	41584	40056	3.44	cps
Neodymium	150-2	14418	14354	14218	14330	0.71	cps
Nickel	60-2	61777	59946	60913	60878	1.50	cps
Phosphorus	31-2	267	325	300	297	9.85	cps
Potassium	39-2	236208	229052	228532	231264	1.85	cps
Rhodium	103-1	2411824	2377087	2426823	2405245	1.06	cps
Rhodium	103-2	1184951	1176464	1181447	1180954	0.36	cps
Scandium	45-1	1711941	1710997	1688942	1703960	0.76	cps
Scandium	45-2	52459	51830	50917	51735	1.50	cps
Selenium	77-2	197	207	193	199	3.49	cps
Selenium	78-2	517	524	517	519	0.78	cps
Selenium	82-1	4884	4988	5226	5033	3.49	cps
Silicon	28-1	932145	959421	969328	953631	2.02	cps
Silver	109-1	371064	373699	374030	372931	0.44	cps
Silver	107-1	393362	389112	397077	393184	1.01	cps
Sodium	23-2	1022056	1042637	1011210	1025301	1.56	cps
Strontium	86-1	119197	121089	122164	120817	1.24	cps
Strontium	88-1	1014935	1036709	1041489	1031045	1.37	cps
Sulfur	34-1	359703	355714	353588	356335	0.87	cps
Terbium	159-1	2940357	2994537	2974743	2969879	0.92	cps
Terbium	159-2	1399333	1400230	1390251	1396605	0.40	cps
Thallium	203-1	237992	240490	242007	240163	0.84	cps
Thallium	205-1	565093	571682	575138	570637	0.89	cps
Tin	118-1	15259	15392	15159	15270	0.77	cps
Titanium	47-1	86175	86142	84365	85561	1.21	cps
Uranium	238-1	788485	773731	784357	782191	0.97	cps
Vanadium	51-2	149000	148566	146959	148175	0.73	cps
Yttrium	89-1	4955930	4970819	4973360	4966703	0.19	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:50:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	539432	536070	530767	535423	0.82	cps
Zinc	66-2	49269	49071	49212	49184	0.21	cps
Zirconium	90-1	483920	488126	491412	487819	0.77	cps
Zirconium	91-1	107756	106304	107942	107334	0.84	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02MSDDLX5 Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 14:53:29 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	654186	652917	654038	653713	0.11	cps
Antimony	121-1	34052	33826	34494	34124	1.00	cps
Arsenic	75-2	11512	11330	11233	11358	1.25	cps
Barium	135-1	808089	824501	823371	818653	1.12	cps
Barium	137-1	1426209	1421469	1451510	1433063	1.13	cps
Beryllium	9-1	69515	69910	70603	70009	0.79	cps
Bismuth	209-1	1712858	1702021	1719151	1711343	0.51	cps
Bismuth	209-2	1037565	1019816	1028866	1028749	0.86	cps
Boron	11-1	8451	10134	11430	10005	14.93	cps
Boron	10-1	1844	2190	2350	2128	12.15	cps
Bromine	81-1	1702	1932	1832	1822	6.34	cps
Cadmium	106-1	9078	9320	8511	8970	4.63	cps
Cadmium	108-1	5764	5560	5384	5569	3.41	cps
Cadmium	111-1	78970	80898	80380	80083	1.25	cps
Calcium	43-1	114093	116487	116007	115529	1.10	cps
Calcium	44-1	1893580	1936586	1885724	1905297	1.44	cps
Chromium	52-2	149981	149845	151600	150475	0.65	cps
Cobalt	59-2	183852	182491	185012	183785	0.69	cps
Copper	63-2	273010	270895	273879	272595	0.56	cps
Dysprosium	156-1	25283	24665	25976	25308	2.59	cps
Dysprosium	156-2	12349	12109	12232	12230	0.98	cps
Erbium	164-1	21243	22511	20900	21551	3.94	cps
Erbium	164-2	10688	10461	10608	10585	1.09	cps
Gadolinium	160-1	24314	24899	25559	24924	2.50	cps
Gadolinium	160-2	14655	14228	14718	14534	1.84	cps
Holmium	165-1	2772726	2800227	2819117	2797356	0.83	cps
Holmium	165-2	1429583	1401141	1424906	1418543	1.08	cps
Indium	115-1	2431544	2458953	2517563	2469353	1.78	cps
Indium	115-2	383299	380625	385615	383180	0.65	cps
Iron	54-2	2087795	2055132	2097231	2080053	1.06	cps
Iron	56-2	37986922	37689494	37657537	37777984	0.48	cps
Iron	57-2	939601	926635	937542	934593	0.75	cps
Krypton	83-1	807	697	700	734	8.52	cps
Lead	207-1	226262	232785	230883	229977	1.46	cps
Lead	208-1	1030129	1044934	1047534	1040865	0.90	cps
Lead	206-1	256291	259317	263297	259635	1.35	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2017-02MSDDLX5 Instrumnet Name : P8
 Client Sample ID : FE-SB-35-(7-7.5)MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 14:53:29 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	713311	718135	717805	716417	0.38	cps
Magnesium	24-2	815557	800373	808745	808225	0.94	cps
Manganese	55-2	101904	101488	103435	102275	1.00	cps
Molybdenum	94-1	467627	478362	481155	475715	1.50	cps
Molybdenum	95-1	530565	534688	535823	533692	0.52	cps
Molybdenum	96-1	588751	602721	596145	595873	1.17	cps
Molybdenum	97-1	326691	335478	327430	329866	1.48	cps
Molybdenum	98-1	835138	849292	848043	844158	0.93	cps
Neodymium	150-1	39833	40595	39418	39948	1.49	cps
Neodymium	150-2	14648	14648	13961	14419	2.75	cps
Nickel	60-2	59698	59497	59621	59605	0.17	cps
Phosphorus	31-2	500	417	483	467	9.45	cps
Potassium	39-2	230292	227973	232720	230328	1.03	cps
Rhodium	103-1	2398393	2424642	2379593	2400876	0.94	cps
Rhodium	103-2	1190906	1175857	1183441	1183401	0.64	cps
Scandium	45-1	1726828	1725792	1726849	1726490	0.04	cps
Scandium	45-2	50796	52154	52656	51869	1.86	cps
Selenium	77-2	167	180	160	169	6.03	cps
Selenium	78-2	486	524	492	501	4.08	cps
Selenium	82-1	5001	5082	5013	5032	0.87	cps
Silicon	28-1	849576	913360	841031	867989	4.55	cps
Silver	109-1	367608	374139	373317	371688	0.96	cps
Silver	107-1	384359	395066	392954	390793	1.45	cps
Sodium	23-2	1036292	1011011	1023116	1023473	1.24	cps
Strontium	86-1	121726	124685	123955	123455	1.25	cps
Strontium	88-1	1054360	1072981	1061609	1062984	0.88	cps
Sulfur	34-1	349596	354476	352598	352223	0.70	cps
Terbium	159-1	2968575	2917596	2990335	2958835	1.26	cps
Terbium	159-2	1426625	1385373	1410518	1407505	1.48	cps
Thallium	203-1	240920	238715	244047	241227	1.11	cps
Thallium	205-1	562435	572752	571200	568795	0.98	cps
Tin	118-1	13941	14049	13924	13971	0.49	cps
Titanium	47-1	63148	105893	64010	77684	31.45	cps
Uranium	238-1	769835	777412	781037	776095	0.74	cps
Vanadium	51-2	120254	121873	120859	120995	0.68	cps
Yttrium	89-1	4955929	5033966	4927185	4972360	1.11	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:53:29	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	545023	534407	538098	539176	1.00	cps
Zinc	66-2	49283	48914	49375	49191	0.50	cps
Zirconium	90-1	480106	480435	478417	479653	0.23	cps
Zirconium	91-1	104641	108176	106052	106290	1.67	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:56:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	688200	672206	678449	679618	1.19	cps
Antimony	121-1	413636	414946	411639	413407	0.40	cps
Arsenic	75-2	11429	11434	11472	11445	0.21	cps
Barium	135-1	642463	635153	639633	639083	0.58	cps
Barium	137-1	1118729	1135158	1106900	1120263	1.27	cps
Beryllium	9-1	70569	70865	69985	70473	0.64	cps
Bismuth	209-1	1698924	1724979	1696014	1706639	0.93	cps
Bismuth	209-2	1027818	1026257	1017248	1023774	0.56	cps
Boron	11-1	8721	10564	11983	10422	15.69	cps
Boron	10-1	1828	2198	2262	2096	11.18	cps
Bromine	81-1	1902	2012	1992	1969	2.98	cps
Cadmium	106-1	9028	9203	8795	9009	2.28	cps
Cadmium	108-1	5472	5689	5789	5650	2.87	cps
Cadmium	111-1	79645	80128	79319	79697	0.51	cps
Calcium	43-1	118234	118006	117393	117878	0.37	cps
Calcium	44-1	1953414	1920483	1896612	1923503	1.48	cps
Chromium	52-2	155582	154471	154272	154775	0.46	cps
Cobalt	59-2	187466	183540	184553	185187	1.10	cps
Copper	63-2	273304	273260	272734	273100	0.12	cps
Dysprosium	156-1	24506	25433	24890	24943	1.87	cps
Dysprosium	156-2	12122	12136	12209	12156	0.38	cps
Erbium	164-1	21076	21451	21051	21192	1.06	cps
Erbium	164-2	10371	10458	10097	10309	1.82	cps
Gadolinium	160-1	24849	25500	24615	24988	1.83	cps
Gadolinium	160-2	14475	13931	14418	14274	2.09	cps
Holmium	165-1	2754815	2826713	2726697	2769408	1.86	cps
Holmium	165-2	1414524	1405321	1401421	1407089	0.48	cps
Indium	115-1	2491070	2443236	2471233	2468513	0.97	cps
Indium	115-2	384331	381118	381832	382427	0.44	cps
Iron	54-2	2132700	2147500	2130121	2136774	0.44	cps
Iron	56-2	39091755	38417916	38739647	38749773	0.87	cps
Iron	57-2	959122	950077	956901	955367	0.49	cps
Krypton	83-1	790	840	650	760	12.96	cps
Lead	207-1	231195	233452	230794	231814	0.62	cps
Lead	208-1	1047719	1046374	1037361	1043818	0.54	cps
Lead	206-1	262203	259409	259921	260511	0.57	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:56:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	715047	715586	712912	714515	0.20	cps
Magnesium	24-2	835268	821225	824431	826975	0.89	cps
Manganese	55-2	103660	102468	104928	103685	1.19	cps
Molybdenum	94-1	473242	475166	477233	475214	0.42	cps
Molybdenum	95-1	521486	528290	528739	526172	0.77	cps
Molybdenum	96-1	590853	592531	594902	592762	0.34	cps
Molybdenum	97-1	325990	329272	324522	326594	0.74	cps
Molybdenum	98-1	835670	848124	830201	837998	1.10	cps
Neodymium	150-1	39579	39458	40240	39759	1.06	cps
Neodymium	150-2	14344	13807	14294	14149	2.10	cps
Nickel	60-2	60598	60612	59015	60075	1.53	cps
Phosphorus	31-2	400	458	425	428	6.84	cps
Potassium	39-2	234101	231671	236625	234132	1.06	cps
Rhodium	103-1	2398205	2413443	2428732	2413460	0.63	cps
Rhodium	103-2	1185095	1169001	1185775	1179957	0.80	cps
Scandium	45-1	1768754	1732129	1731097	1743993	1.23	cps
Scandium	45-2	51950	51348	51398	51565	0.65	cps
Selenium	77-2	217	153	217	196	18.70	cps
Selenium	78-2	526	519	504	516	2.18	cps
Selenium	82-1	4918	5058	5153	5043	2.34	cps
Silicon	28-1	812399	866470	952657	877175	8.06	cps
Silver	109-1	372643	375714	374739	374365	0.42	cps
Silver	107-1	386766	393306	394236	391436	1.04	cps
Sodium	23-2	1024885	1018667	1016979	1020177	0.41	cps
Strontium	86-1	122661	122199	122155	122339	0.23	cps
Strontium	88-1	1040379	1051504	1049149	1047010	0.56	cps
Sulfur	34-1	351780	352149	350279	351403	0.28	cps
Terbium	159-1	2955785	2957222	2959642	2957550	0.07	cps
Terbium	159-2	1399948	1394735	1403438	1399374	0.31	cps
Thallium	203-1	237621	242576	235567	238588	1.51	cps
Thallium	205-1	564641	570304	564480	566475	0.59	cps
Tin	118-1	14883	14475	14792	14717	1.46	cps
Titanium	47-1	74585	75188	76495	75423	1.29	cps
Uranium	238-1	774330	788763	779864	780986	0.93	cps
Vanadium	51-2	136674	133895	134775	135115	1.05	cps
Yttrium	89-1	4951043	5045067	4993693	4996601	0.94	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-35-(7-7.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 14:56:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	539341	539658	537085	538695	0.26	cps
Zinc	66-2	49433	49643	48424	49167	1.33	cps
Zirconium	90-1	476429	488069	484592	483030	1.24	cps
Zirconium	91-1	106556	107933	106539	107009	0.75	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCV23 Instrumnet Name : P8
 Client Sample ID : CCV23 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 15:03:58 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	864844	878838	857161	866947	1.27	cps
Antimony	121-1	1934703	1925300	1890957	1916987	1.20	cps
Arsenic	75-2	56211	56943	55562	56238	1.23	cps
Barium	135-1	1756659	1785895	1813513	1785356	1.59	cps
Barium	137-1	3108415	3127510	3101481	3112468	0.43	cps
Beryllium	9-1	351663	353039	352828	352510	0.21	cps
Bismuth	209-1	1687187	1683686	1693953	1688275	0.31	cps
Bismuth	209-2	1016717	1028316	1004399	1016477	1.18	cps
Boron	11-1	101125	123528	136025	120226	14.71	cps
Boron	10-1	21868	26026	29439	25778	14.71	cps
Bromine	81-1	1692	1422	1512	1542	8.93	cps
Cadmium	106-1	41797	39349	41296	40814	3.17	cps
Cadmium	108-1	28621	27903	28204	28243	1.28	cps
Cadmium	111-1	393162	398108	391621	394297	0.86	cps
Calcium	43-1	2117234	2104440	2141045	2120907	0.88	cps
Calcium	44-1	33965228	34321970	34191041	34159413	0.53	cps
Chromium	52-2	432012	435184	429572	432256	0.65	cps
Cobalt	59-2	757161	765236	762069	761489	0.53	cps
Copper	63-2	6066528	6090417	5968879	6041941	1.07	cps
Dysprosium	156-1	133	83	175	131	35.15	cps
Dysprosium	156-2	47	53	60	53	12.50	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	108	100	167	125	29.06	cps
Gadolinium	160-2	43	93	50	62	43.63	cps
Holmium	165-1	2845113	2824138	2839203	2836152	0.38	cps
Holmium	165-2	1440349	1449929	1422767	1437682	0.96	cps
Indium	115-1	2554833	2560135	2541197	2552055	0.38	cps
Indium	115-2	392402	398110	388161	392891	1.27	cps
Iron	54-2	4370301	4396879	4370125	4379102	0.35	cps
Iron	56-2	81138682	81473541	80710949	81107724	0.47	cps
Iron	57-2	2075622	2054011	2050237	2059957	0.66	cps
Krypton	83-1	653	733	687	691	5.81	cps
Lead	207-1	4684993	4679734	4703762	4689496	0.27	cps
Lead	208-1	20903234	20948194	20940807	20930745	0.12	cps
Lead	206-1	5266497	5243138	5230304	5246646	0.35	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:03:58	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	698599	702202	697887	699563	0.33	cps
Magnesium	24-2	12137888	12344238	12057912	12180012	1.21	cps
Manganese	55-2	1984132	2030030	1939546	1984569	2.28	cps
Molybdenum	94-1	3248223	3253923	3284511	3262219	0.60	cps
Molybdenum	95-1	4014505	3952620	4049863	4005662	1.23	cps
Molybdenum	96-1	4447508	4405503	4401922	4418311	0.57	cps
Molybdenum	97-1	2530255	2477828	2519896	2509326	1.11	cps
Molybdenum	98-1	6345358	6294465	6444206	6361343	1.20	cps
Neodymium	150-1	33	47	73	51	39.86	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	212702	216902	211654	213753	1.30	cps
Phosphorus	31-2	11338	10954	10721	11004	2.83	cps
Potassium	39-2	4528966	4619999	4526143	4558369	1.17	cps
Rhodium	103-1	2399637	2331561	2363008	2364735	1.44	cps
Rhodium	103-2	1149550	1153101	1144388	1149013	0.38	cps
Scandium	45-1	1611050	1591079	1633965	1612031	1.33	cps
Scandium	45-2	49388	48829	47575	48597	1.91	cps
Selenium	77-2	703	720	637	687	6.42	cps
Selenium	78-2	2504	2535	2527	2522	0.64	cps
Selenium	82-1	25722	25754	25862	25779	0.29	cps
Silicon	28-1	1357272	1408840	1447342	1404485	3.22	cps
Silver	109-1	1903258	1957810	1929134	1930067	1.41	cps
Silver	107-1	1983365	1999430	1993251	1992015	0.41	cps
Sodium	23-2	23403513	23709433	23241322	23451423	1.01	cps
Strontium	86-1	489963	488493	490805	489754	0.24	cps
Strontium	88-1	4171306	4212320	4206557	4196728	0.53	cps
Sulfur	34-1	533108	542705	541582	539132	0.97	cps
Terbium	159-1	3004053	2992827	2974051	2990310	0.51	cps
Terbium	159-2	1421296	1442855	1388410	1417520	1.93	cps
Thallium	203-1	1251154	1263841	1258954	1257983	0.51	cps
Thallium	205-1	3042201	3047261	2990382	3026615	1.04	cps
Tin	118-1	1221777	1236736	1236111	1231541	0.69	cps
Titanium	47-1	1116641	1102334	1124657	1114544	1.01	cps
Uranium	238-1	3920799	4069437	3952902	3981046	1.96	cps
Vanadium	51-2	339177	339591	335249	338006	0.71	cps
Yttrium	89-1	4760060	4750435	4702472	4737656	0.65	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:03:58	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	507393	513731	502906	508010	1.07	cps
Zinc	66-2	847951	855507	847164	850207	0.54	cps
Zirconium	90-1	2697566	2726516	2703036	2709039	0.57	cps
Zirconium	91-1	606024	596068	595403	599165	0.99	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:16:27	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257	240	247	248	3.39	cps
Antimony	121-1	67	67	33	56	34.65	cps
Arsenic	75-2	5	1	5	4	62.98	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	58	33	25	39	44.61	cps
Beryllium	9-1	50	40	60	50	20.00	cps
Bismuth	209-1	1687827	1681958	1668091	1679292	0.60	cps
Bismuth	209-2	985998	1014917	1009249	1003388	1.53	cps
Boron	11-1	2882	2794	2766	2814	2.15	cps
Boron	10-1	604	558	626	596	5.82	cps
Bromine	81-1	1452	1492	1692	1545	8.33	cps
Cadmium	106-1	950	950	1042	981	5.40	cps
Cadmium	108-1	4	21	0	8	132.26	cps
Cadmium	111-1	675	663	733	690	5.47	cps
Calcium	43-1	325	225	242	264	20.30	cps
Calcium	44-1	18354	17853	18905	18371	2.86	cps
Chromium	52-2	987	887	1087	987	10.14	cps
Cobalt	59-2	57	50	50	52	7.37	cps
Copper	63-2	457	393	410	420	7.82	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	2736505	2723452	2686416	2715458	0.96	cps
Holmium	165-2	1336345	1375262	1362794	1358134	1.46	cps
Indium	115-1	2442619	2421327	2421164	2428370	0.51	cps
Indium	115-2	373336	377693	374220	375083	0.61	cps
Iron	54-2	411	383	383	393	4.08	cps
Iron	56-2	3817	3534	3784	3712	4.17	cps
Iron	57-2	122	144	161	143	13.68	cps
Krypton	83-1	660	660	667	662	0.58	cps
Lead	207-1	572	650	606	609	6.40	cps
Lead	208-1	2695	2839	2456	2663	7.27	cps
Lead	206-1	694	678	611	661	6.67	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:16:27	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	695752	693458	693802	694337	0.18	cps
Magnesium	24-2	200	192	142	178	17.75	cps
Manganese	55-2	77	100	83	87	13.87	cps
Molybdenum	94-1	108	125	67	100	30.04	cps
Molybdenum	95-1	33	42	42	39	12.38	cps
Molybdenum	96-1	92	83	75	83	10.00	cps
Molybdenum	97-1	42	25	17	28	45.82	cps
Molybdenum	98-1	50	75	67	64	19.92	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	90	97	99	10.30	cps
Phosphorus	31-2	125	225	208	186	28.79	cps
Potassium	39-2	14357	14658	14541	14519	1.04	cps
Rhodium	103-1	2377428	2388234	2372604	2379422	0.34	cps
Rhodium	103-2	1151759	1164176	1157563	1157833	0.54	cps
Scandium	45-1	1538618	1553039	1537943	1543200	0.55	cps
Scandium	45-2	46799	47488	47264	47184	0.74	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	34	23	26	28.72	cps
Selenium	82-1	306	307	359	324	9.42	cps
Silicon	28-1	551757	550510	553102	551790	0.23	cps
Silver	109-1	25	8	25	19	49.50	cps
Silver	107-1	42	50	33	42	20.00	cps
Sodium	23-2	24588	24371	24029	24329	1.16	cps
Strontium	86-1	883	1025	975	961	7.48	cps
Strontium	88-1	142	233	142	172	30.73	cps
Sulfur	34-1	426064	420085	426194	424114	0.82	cps
Terbium	159-1	2899730	2870238	2864198	2878055	0.66	cps
Terbium	159-2	1335885	1363109	1351773	1350255	1.01	cps
Thallium	203-1	83	192	200	158	41.10	cps
Thallium	205-1	267	333	317	306	11.35	cps
Tin	118-1	158	192	217	189	15.49	cps
Titanium	47-1	550	475	358	461	20.95	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	20	3	10	11	75.52	cps
Yttrium	89-1	4477907	4471528	4496288	4481908	0.29	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:16:27	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	481395	485219	478825	481813	0.67	cps
Zinc	66-2	108	111	84	101	14.46	cps
Zirconium	90-1	208	117	167	164	28.00	cps
Zirconium	91-1	58	58	42	53	18.23	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:19:15	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339652	331755	332531	334646	1.30	cps
Antimony	121-1	25	100	125	83	62.45	cps
Arsenic	75-2	398	386	393	392	1.54	cps
Barium	135-1	91617	93229	92657	92501	0.88	cps
Barium	137-1	159766	162113	159887	160589	0.82	cps
Beryllium	9-1	648	720	720	696	5.97	cps
Bismuth	209-1	1748860	1742041	1741466	1744122	0.24	cps
Bismuth	209-2	1030267	1023929	1001376	1018524	1.49	cps
Boron	11-1	2678	2778	2806	2754	2.44	cps
Boron	10-1	592	578	566	579	2.25	cps
Bromine	81-1	2643	2603	2523	2590	2.36	cps
Cadmium	106-1	1242	1083	1075	1133	8.29	cps
Cadmium	108-1	17	38	38	31	39.36	cps
Cadmium	111-1	933	803	793	843	9.24	cps
Calcium	43-1	4117	3959	4192	4090	2.91	cps
Calcium	44-1	81280	81656	79461	80799	1.45	cps
Chromium	52-2	27403	26618	27079	27033	1.46	cps
Cobalt	59-2	12592	12262	12619	12491	1.59	cps
Copper	63-2	18546	17758	17898	18067	2.33	cps
Dysprosium	156-1	10062	10154	9662	9959	2.63	cps
Dysprosium	156-2	4537	4447	4634	4540	2.06	cps
Erbium	164-1	7611	7702	7803	7705	1.25	cps
Erbium	164-2	3741	3787	3651	3726	1.86	cps
Gadolinium	160-1	8803	9487	9212	9167	3.75	cps
Gadolinium	160-2	5298	5461	5348	5369	1.56	cps
Holmium	165-1	2808348	2779687	2800698	2796244	0.53	cps
Holmium	165-2	1415848	1402614	1375059	1397841	1.49	cps
Indium	115-1	2490170	2497693	2478770	2488878	0.38	cps
Indium	115-2	377919	381980	371264	377054	1.43	cps
Iron	54-2	854275	839530	850972	848259	0.91	cps
Iron	56-2	15944852	15536192	15718366	15733137	1.30	cps
Iron	57-2	395044	382898	391201	389714	1.59	cps
Krypton	83-1	670	680	643	664	2.85	cps
Lead	207-1	27825	26789	27418	27344	1.91	cps
Lead	208-1	128246	130146	128280	128891	0.84	cps
Lead	206-1	33204	34006	33510	33573	1.21	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:19:15	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	708329	719962	722753	717014	1.07	cps
Magnesium	24-2	190002	188196	190862	189687	0.72	cps
Manganese	55-2	188575	184935	186130	186547	0.99	cps
Molybdenum	94-1	13974	13340	13665	13660	2.32	cps
Molybdenum	95-1	1683	1558	1742	1661	5.64	cps
Molybdenum	96-1	3909	4009	4109	4009	2.50	cps
Molybdenum	97-1	1067	958	900	975	8.67	cps
Molybdenum	98-1	2659	2667	2492	2606	3.79	cps
Neodymium	150-1	16571	16631	16944	16715	1.20	cps
Neodymium	150-2	5865	6075	5888	5942	1.94	cps
Nickel	60-2	9043	8556	8723	8774	2.82	cps
Phosphorus	31-2	842	733	783	786	6.90	cps
Potassium	39-2	38318	38118	37733	38056	0.78	cps
Rhodium	103-1	2458407	2442151	2425767	2442108	0.67	cps
Rhodium	103-2	1190568	1195812	1160619	1182333	1.61	cps
Scandium	45-1	1620581	1632092	1620070	1624247	0.42	cps
Scandium	45-2	47976	48331	47595	47968	0.77	cps
Selenium	77-2	33	27	40	33	20.00	cps
Selenium	78-2	40	32	35	36	11.33	cps
Selenium	82-1	374	341	378	364	5.50	cps
Silicon	28-1	821833	843136	840688	835219	1.40	cps
Silver	109-1	142	108	117	122	14.19	cps
Silver	107-1	192	192	175	186	5.17	cps
Sodium	23-2	29038	29439	29388	29288	0.75	cps
Strontium	86-1	6010	6260	6327	6199	2.69	cps
Strontium	88-1	43084	44196	43468	43583	1.30	cps
Sulfur	34-1	415756	408633	398645	407678	2.11	cps
Terbium	159-1	2962699	2976034	2952419	2963717	0.40	cps
Terbium	159-2	1402863	1393002	1368607	1388157	1.27	cps
Thallium	203-1	675	433	600	569	21.72	cps
Thallium	205-1	1133	1358	1417	1303	11.48	cps
Tin	118-1	633	508	500	547	13.65	cps
Titanium	47-1	21258	21558	21433	21416	0.70	cps
Uranium	238-1	6944	7519	7377	7280	4.12	cps
Vanadium	51-2	25840	26097	25483	25807	1.20	cps
Yttrium	89-1	4874729	4865562	4736792	4825694	1.60	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2017-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FE-SB-29-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:19:15	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	511307	507980	503549	507612	0.77	cps
Zinc	66-2	9829	9414	9976	9740	2.99	cps
Zirconium	90-1	36005	36950	35354	36103	2.22	cps
Zirconium	91-1	8236	7594	7711	7847	4.36	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : L2028-01DLX5 Instrumnet Name : P8
 Client Sample ID : SB-30-(8-8.5)DL Dilution Factor : 5
 Date & Time Acquired :: 2020-04-01 15:22:05 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385011	387554	385933	386166	0.33	cps
Antimony	121-1	67	42	100	69	42.14	cps
Arsenic	75-2	503	519	543	522	3.86	cps
Barium	135-1	92499	92305	93598	92801	0.75	cps
Barium	137-1	162114	164442	162127	162894	0.82	cps
Beryllium	9-1	1054	992	1044	1030	3.23	cps
Bismuth	209-1	1741219	1769279	1765168	1758555	0.86	cps
Bismuth	209-2	1040424	1039656	1049064	1043048	0.50	cps
Boron	11-1	3198	3340	3618	3385	6.31	cps
Boron	10-1	706	666	686	686	2.92	cps
Bromine	81-1	1942	1652	1962	1852	9.38	cps
Cadmium	106-1	1408	1275	1208	1297	7.85	cps
Cadmium	108-1	54	79	71	68	18.70	cps
Cadmium	111-1	1086	983	930	999	7.93	cps
Calcium	43-1	19222	18613	19205	19013	1.82	cps
Calcium	44-1	322903	322674	330761	325446	1.41	cps
Chromium	52-2	27370	27921	27697	27662	1.00	cps
Cobalt	59-2	37078	37225	37011	37105	0.29	cps
Copper	63-2	49319	48646	48543	48836	0.86	cps
Dysprosium	156-1	25082	24640	24999	24907	0.94	cps
Dysprosium	156-2	11832	12156	12149	12046	1.54	cps
Erbium	164-1	20850	19523	20583	20319	3.45	cps
Erbium	164-2	9727	9567	9814	9703	1.29	cps
Gadolinium	160-1	25124	24665	24156	24648	1.97	cps
Gadolinium	160-2	14134	13851	14068	14017	1.06	cps
Holmium	165-1	2829649	2842067	2875134	2848950	0.83	cps
Holmium	165-2	1428693	1424457	1447584	1433578	0.86	cps
Indium	115-1	2512118	2513988	2477883	2501330	0.81	cps
Indium	115-2	383771	386011	388936	386239	0.67	cps
Iron	54-2	1352950	1360024	1403220	1372064	1.98	cps
Iron	56-2	25433904	25442721	25564031	25480219	0.29	cps
Iron	57-2	631216	628537	630413	630055	0.22	cps
Krypton	83-1	603	713	697	671	8.83	cps
Lead	207-1	32157	30971	31884	31671	1.96	cps
Lead	208-1	147638	148797	149577	148671	0.66	cps
Lead	206-1	37928	38385	38184	38166	0.60	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:22:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	717375	719374	728071	721607	0.79	cps
Magnesium	24-2	491185	490078	489458	490240	0.18	cps
Manganese	55-2	436499	438452	438276	437742	0.25	cps
Molybdenum	94-1	39381	39456	38479	39106	1.39	cps
Molybdenum	95-1	567	500	433	500	13.33	cps
Molybdenum	96-1	6635	7260	7169	7021	4.81	cps
Molybdenum	97-1	350	400	383	378	6.74	cps
Molybdenum	98-1	717	933	842	831	13.09	cps
Neodymium	150-1	39619	38195	39204	39006	1.88	cps
Neodymium	150-2	14041	13937	14208	14062	0.97	cps
Nickel	60-2	21957	21139	21723	21606	1.95	cps
Phosphorus	31-2	1067	925	1058	1017	7.82	cps
Potassium	39-2	125761	123283	124493	124512	1.00	cps
Rhodium	103-1	2417585	2489923	2467305	2458271	1.51	cps
Rhodium	103-2	1196334	1195566	1203781	1198561	0.38	cps
Scandium	45-1	1657017	1671257	1658976	1662416	0.46	cps
Scandium	45-2	49987	50207	49344	49846	0.90	cps
Selenium	77-2	43	70	73	62	26.43	cps
Selenium	78-2	57	52	56	55	4.81	cps
Selenium	82-1	446	330	358	378	16.12	cps
Silicon	28-1	907074	858676	818768	861506	5.13	cps
Silver	109-1	142	150	83	125	29.06	cps
Silver	107-1	175	183	158	172	7.39	cps
Sodium	23-2	37148	38409	37340	37632	1.81	cps
Strontium	86-1	18546	19314	18930	18930	2.03	cps
Strontium	88-1	153150	156260	156471	155294	1.20	cps
Sulfur	34-1	390464	391283	388365	390037	0.39	cps
Terbium	159-1	3017989	3030816	3039894	3029566	0.36	cps
Terbium	159-2	1416452	1414495	1431546	1420831	0.66	cps
Thallium	203-1	692	767	658	706	7.86	cps
Thallium	205-1	1792	1784	1750	1775	1.24	cps
Tin	118-1	1075	1092	1200	1122	6.05	cps
Titanium	47-1	109156	110357	113717	111076	2.13	cps
Uranium	238-1	8495	8703	8253	8484	2.66	cps
Vanadium	51-2	26318	26304	26371	26331	0.13	cps
Yttrium	89-1	4950977	5096703	4952191	4999957	1.68	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-30-(8-8.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:22:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	533533	529977	539878	534463	0.94	cps
Zinc	66-2	18758	18625	18651	18678	0.38	cps
Zirconium	90-1	107386	108554	108076	108005	0.54	cps
Zirconium	91-1	23746	23963	23262	23657	1.52	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:24:53	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160064	157584	161148	159599	1.14	cps
Antimony	121-1	33	58	25	39	44.62	cps
Arsenic	75-2	242	238	232	237	2.12	cps
Barium	135-1	67669	67084	67024	67259	0.53	cps
Barium	137-1	118919	117044	117978	117981	0.79	cps
Beryllium	9-1	404	410	434	416	3.82	cps
Bismuth	209-1	1530142	1688900	1723181	1647408	6.25	cps
Bismuth	209-2	1033790	1031044	1047173	1037336	0.83	cps
Boron	11-1	2148	2110	2138	2132	0.92	cps
Boron	10-1	464	424	432	440	4.81	cps
Bromine	81-1	1832	1672	1972	1825	8.23	cps
Cadmium	106-1	958	1150	1092	1067	9.21	cps
Cadmium	108-1	29	46	46	40	23.88	cps
Cadmium	111-1	755	869	807	810	7.05	cps
Calcium	43-1	11622	11914	12222	11919	2.52	cps
Calcium	44-1	204424	202107	205156	203896	0.78	cps
Chromium	52-2	25035	25509	25099	25214	1.02	cps
Cobalt	59-2	16403	16083	16380	16288	1.10	cps
Copper	63-2	13527	13363	13463	13451	0.61	cps
Dysprosium	156-1	9804	10263	9587	9884	3.49	cps
Dysprosium	156-2	4884	4607	4531	4674	3.98	cps
Erbium	164-1	7652	8086	7827	7855	2.78	cps
Erbium	164-2	3994	3914	4147	4018	2.95	cps
Gadolinium	160-1	9537	9545	9512	9531	0.18	cps
Gadolinium	160-2	5431	5364	5391	5396	0.62	cps
Holmium	165-1	2455295	2780739	2747799	2661277	6.73	cps
Holmium	165-2	1418577	1415907	1418796	1417760	0.11	cps
Indium	115-1	2229903	2535785	2527061	2430916	7.16	cps
Indium	115-2	390887	384493	382878	386086	1.10	cps
Iron	54-2	382517	381268	380645	381477	0.25	cps
Iron	56-2	7242051	7109728	7149422	7167067	0.95	cps
Iron	57-2	179416	173240	176674	176443	1.75	cps
Krypton	83-1	687	660	693	680	2.59	cps
Lead	207-1	11767	11922	11906	11865	0.72	cps
Lead	208-1	55525	55297	55097	55306	0.39	cps
Lead	206-1	14358	13997	13908	14087	1.69	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:24:53	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	645508	706874	716447	689610	5.58	cps
Magnesium	24-2	152762	148939	150504	150735	1.27	cps
Manganese	55-2	32617	32213	32400	32410	0.62	cps
Molybdenum	94-1	16110	15692	15693	15832	1.52	cps
Molybdenum	95-1	742	583	533	619	17.56	cps
Molybdenum	96-1	3367	3375	3217	3320	2.68	cps
Molybdenum	97-1	367	358	475	400	16.27	cps
Molybdenum	98-1	942	950	908	933	2.36	cps
Neodymium	150-1	15750	16357	16230	16112	1.99	cps
Neodymium	150-2	5575	5608	5461	5548	1.39	cps
Nickel	60-2	7896	7432	7599	7642	3.07	cps
Phosphorus	31-2	358	317	292	322	10.45	cps
Potassium	39-2	30023	29648	29957	29876	0.67	cps
Rhodium	103-1	2210254	2491440	2448436	2383377	6.35	cps
Rhodium	103-2	1211124	1203361	1196913	1203799	0.59	cps
Scandium	45-1	1433959	1592618	1601444	1542674	6.11	cps
Scandium	45-2	50301	49565	49080	49649	1.24	cps
Selenium	77-2	30	23	23	26	15.07	cps
Selenium	78-2	27	40	37	35	19.64	cps
Selenium	82-1	364	414	384	388	6.54	cps
Silicon	28-1	773507	824675	746819	781667	5.06	cps
Silver	109-1	142	158	142	147	6.54	cps
Silver	107-1	167	233	225	208	17.44	cps
Sodium	23-2	41736	41994	41326	41685	0.81	cps
Strontium	86-1	7819	7661	8428	7969	5.08	cps
Strontium	88-1	57302	59879	57887	58356	2.32	cps
Sulfur	34-1	388972	386713	389455	388380	0.38	cps
Terbium	159-1	2650840	2965537	2954730	2857035	6.25	cps
Terbium	159-2	1413184	1401557	1408607	1407783	0.42	cps
Thallium	203-1	208	358	250	272	28.44	cps
Thallium	205-1	500	658	675	611	15.81	cps
Tin	118-1	1150	1233	1225	1203	3.82	cps
Titanium	47-1	64353	65114	65835	65101	1.14	cps
Uranium	238-1	14300	13608	13549	13819	3.02	cps
Vanadium	51-2	18128	19216	18065	18470	3.50	cps
Yttrium	89-1	4226892	4768685	4814123	4603234	7.10	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	L2028-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-31-(5.5-6)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-04-01 15:24:53	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	524292	511009	512602	515967	1.41	cps
Zinc	66-2	7794	7242	7470	7502	3.70	cps
Zirconium	90-1	42766	44797	43493	43686	2.36	cps
Zirconium	91-1	9645	9579	9320	9515	1.81	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:33:27	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	853204	846002	853430	850879	0.50	cps
Antimony	121-1	1853513	1859824	1905022	1872786	1.50	cps
Arsenic	75-2	55896	56013	55888	55932	0.12	cps
Barium	135-1	1738938	1750515	1751959	1747138	0.41	cps
Barium	137-1	3061460	3039449	3080946	3060618	0.68	cps
Beryllium	9-1	341789	345147	349218	345385	1.08	cps
Bismuth	209-1	1663271	1588774	1592994	1615013	2.59	cps
Bismuth	209-2	992720	995565	999702	995996	0.35	cps
Boron	11-1	99070	117974	132543	116529	14.40	cps
Boron	10-1	20706	25407	28255	24790	15.38	cps
Bromine	81-1	1582	1632	1472	1562	5.25	cps
Cadmium	106-1	40752	41011	41404	41056	0.80	cps
Cadmium	108-1	27603	28204	28479	28095	1.60	cps
Cadmium	111-1	390713	389557	393694	391321	0.55	cps
Calcium	43-1	2122188	2128904	2102761	2117951	0.64	cps
Calcium	44-1	34242935	34133524	34180980	34185813	0.16	cps
Chromium	52-2	428528	429111	428661	428767	0.07	cps
Cobalt	59-2	760412	766117	765723	764084	0.42	cps
Copper	63-2	5965842	5985229	5915098	5955390	0.61	cps
Dysprosium	156-1	75	158	117	117	35.72	cps
Dysprosium	156-2	67	73	40	60	29.40	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	20	13	3	12	68.66	cps
Gadolinium	160-1	117	75	167	119	38.43	cps
Gadolinium	160-2	97	67	50	71	33.26	cps
Holmium	165-1	2766635	2654165	2673925	2698242	2.23	cps
Holmium	165-2	1398500	1403749	1404172	1402141	0.23	cps
Indium	115-1	2587475	2445902	2384023	2472467	4.22	cps
Indium	115-2	389143	385677	391367	388729	0.74	cps
Iron	54-2	4439733	4376837	4410816	4409129	0.71	cps
Iron	56-2	80839218	81063766	80338707	80747231	0.46	cps
Iron	57-2	2014117	2027054	2052398	2031190	0.96	cps
Krypton	83-1	577	677	710	654	10.60	cps
Lead	207-1	4638242	4587176	4669316	4631578	0.90	cps
Lead	208-1	20632365	20646106	20927085	20735185	0.80	cps
Lead	206-1	5104216	5105835	5200892	5136981	1.08	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCV24 Instrumnet Name : P8
 Client Sample ID : CCV24 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 15:33:27 DataFile Name : 047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	688861	672298	657025	672728	2.37	cps
Magnesium	24-2	11992695	12021858	11816244	11943599	0.93	cps
Manganese	55-2	1971207	1993983	1956286	1973825	0.96	cps
Molybdenum	94-1	3199851	3207290	3244871	3217337	0.75	cps
Molybdenum	95-1	3973425	3941194	4072248	3995622	1.71	cps
Molybdenum	96-1	4351086	4407703	4520326	4426372	1.95	cps
Molybdenum	97-1	2483388	2481411	2514238	2493012	0.74	cps
Molybdenum	98-1	6248249	6354943	6466850	6356681	1.72	cps
Neodymium	150-1	80	47	60	62	26.96	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	212849	215175	213052	213692	0.60	cps
Phosphorus	31-2	11355	10221	10979	10852	5.32	cps
Potassium	39-2	4551327	4478611	4516339	4515426	0.81	cps
Rhodium	103-1	2354043	2284620	2258588	2299084	2.15	cps
Rhodium	103-2	1144221	1139807	1146055	1143361	0.28	cps
Scandium	45-1	1621182	1549574	1525155	1565304	3.19	cps
Scandium	45-2	48114	47582	48485	48060	0.94	cps
Selenium	77-2	750	730	620	700	10.00	cps
Selenium	78-2	2417	2421	2474	2438	1.31	cps
Selenium	82-1	25336	25746	25716	25599	0.89	cps
Silicon	28-1	1343250	1396710	1412953	1384304	2.63	cps
Silver	109-1	1894609	1888645	1967652	1916969	2.29	cps
Silver	107-1	1988394	1996049	1999419	1994621	0.28	cps
Sodium	23-2	23377011	23089799	23153636	23206816	0.65	cps
Strontium	86-1	488332	492253	489548	490044	0.41	cps
Strontium	88-1	4160880	4173736	4225439	4186685	0.82	cps
Sulfur	34-1	544101	546452	547580	546044	0.33	cps
Terbium	159-1	2925529	2871202	2832868	2876533	1.62	cps
Terbium	159-2	1390796	1395665	1389051	1391838	0.25	cps
Thallium	203-1	1229489	1229014	1253748	1237417	1.14	cps
Thallium	205-1	2935699	2987224	3003347	2975423	1.19	cps
Tin	118-1	1215615	1205273	1228052	1216313	0.94	cps
Titanium	47-1	1096968	1106526	1117372	1106955	0.92	cps
Uranium	238-1	3848109	3868393	3974183	3896895	1.74	cps
Vanadium	51-2	334849	335107	332576	334177	0.42	cps
Yttrium	89-1	4674268	4560206	4422729	4552401	2.77	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:33:27	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	501630	497255	500651	499845	0.46	cps
Zinc	66-2	848834	844727	848197	847253	0.26	cps
Zirconium	90-1	2688989	2692842	2761949	2714593	1.51	cps
Zirconium	91-1	591521	597551	601683	596919	0.86	cps

LB Number : LB108540 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-01 15:38:35 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	277	263	269	2.58	cps
Antimony	121-1	108	142	125	125	13.33	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	50	0	67	39	89.22	cps
Beryllium	9-1	52	56	62	57	8.88	cps
Bismuth	209-1	1691245	1736694	1756747	1728229	1.94	cps
Bismuth	209-2	1000813	994082	1000774	998556	0.39	cps
Boron	11-1	6576	6410	6202	6396	2.93	cps
Boron	10-1	1456	1404	1360	1406	3.42	cps
Bromine	81-1	1382	1722	1772	1625	13.07	cps
Cadmium	106-1	967	1117	1050	1045	7.20	cps
Cadmium	108-1	13	21	0	11	94.37	cps
Cadmium	111-1	685	775	752	737	6.39	cps
Calcium	43-1	275	217	433	308	36.36	cps
Calcium	44-1	17987	18154	17912	18017	0.69	cps
Chromium	52-2	1017	1077	1037	1043	2.93	cps
Cobalt	59-2	37	40	40	39	4.94	cps
Copper	63-2	710	630	693	678	6.23	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	2785307	2753111	2792595	2777004	0.76	cps
Holmium	165-2	1362125	1358098	1374073	1364765	0.61	cps
Indium	115-1	2469568	2428613	2482086	2460089	1.14	cps
Indium	115-2	372828	372969	373671	373156	0.12	cps
Iron	54-2	406	439	400	415	5.07	cps
Iron	56-2	3506	3528	3506	3513	0.37	cps
Iron	57-2	78	183	122	128	41.48	cps
Krypton	83-1	723	670	663	686	4.80	cps
Lead	207-1	800	844	856	833	3.53	cps
Lead	208-1	3428	3617	3506	3517	2.70	cps
Lead	206-1	817	878	872	856	3.95	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:38:35	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	682081	689795	683979	685285	0.59	cps
Magnesium	24-2	242	217	225	228	5.59	cps
Manganese	55-2	97	107	103	102	4.98	cps
Molybdenum	94-1	142	58	92	97	43.14	cps
Molybdenum	95-1	33	25	42	33	25.01	cps
Molybdenum	96-1	125	125	50	100	43.30	cps
Molybdenum	97-1	25	8	42	25	66.68	cps
Molybdenum	98-1	125	58	42	75	58.79	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	80	60	74	16.95	cps
Phosphorus	31-2	233	250	225	236	5.39	cps
Potassium	39-2	14324	14908	14257	14497	2.47	cps
Rhodium	103-1	2344719	2423738	2443544	2404001	2.17	cps
Rhodium	103-2	1140999	1154595	1156858	1150818	0.75	cps
Scandium	45-1	1565697	1565079	1557506	1562761	0.29	cps
Scandium	45-2	46284	47010	45993	46429	1.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	28	19	22	22.09	cps
Selenium	82-1	319	297	333	316	5.65	cps
Silicon	28-1	540868	543982	543763	542871	0.32	cps
Silver	109-1	50	58	42	50	16.66	cps
Silver	107-1	58	58	25	47	40.76	cps
Sodium	23-2	26658	25598	25748	26001	2.21	cps
Strontium	86-1	958	1067	1142	1056	8.73	cps
Strontium	88-1	133	158	192	161	18.17	cps
Sulfur	34-1	420238	420139	420231	420203	0.01	cps
Terbium	159-1	2901349	2917833	2900349	2906510	0.34	cps
Terbium	159-2	1350887	1342916	1353156	1348986	0.40	cps
Thallium	203-1	417	400	408	408	2.04	cps
Thallium	205-1	1225	1033	933	1064	13.93	cps
Tin	118-1	258	233	308	267	14.32	cps
Titanium	47-1	358	392	475	408	14.72	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-2	23	10	17	17	39.99	cps
Yttrium	89-1	4501896	4572488	4656591	4576992	1.69	cps

LB Number :	LB108540	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2020-04-01 15:38:35	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	483286	485524	483650	484153	0.25	cps
Zinc	66-2	144	153	167	155	7.54	cps
Zirconium	90-1	267	158	308	244	31.68	cps
Zirconium	91-1	42	42	67	50	28.87	cps