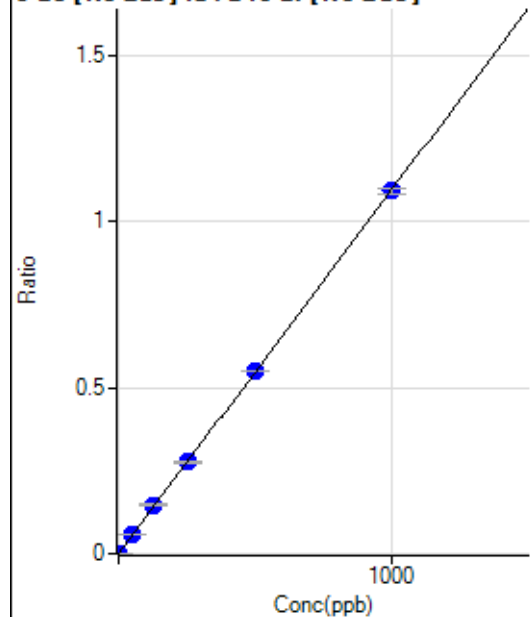


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050520MS.b\
 Analysis File: P8050520MS.batch.bin
 DA Date-Time: 2020-05-05 15:10:10
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-05-05 13:17:03
2	004CALS.d	S02	2020-05-05 13:20:15
3	006CALS.d	S03	2020-05-05 13:26:35
4	007CALS.d	S04	2020-05-05 13:29:44
5	008CALS.d	S05	2020-05-05 13:32:51
6	009CALS.d	S06	2020-05-05 13:35:50
7	010CALS.d	S07	2020-05-05 13:38:50
8	011CALS.d	S08	2020-05-05 13:41:48

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.66	0.0001	P	17.9
2	☐	1.000	0.975	688.55	0.0011	P	1.7
3	☐	50.000	51.304	35030.37	0.0563	P	0.2
4	☐	125.000	132.248	86648.15	0.1449	P	4.0
5	☐	250.000	251.199	173102.91	0.2752	P	0.6
6	☐	500.000	501.738	354798.97	0.5495	P	0.8
7	☐	1000.000	997.860	701551.57	1.0928	P	1.8
8	☐			1269.14	0.0021	P	4.6

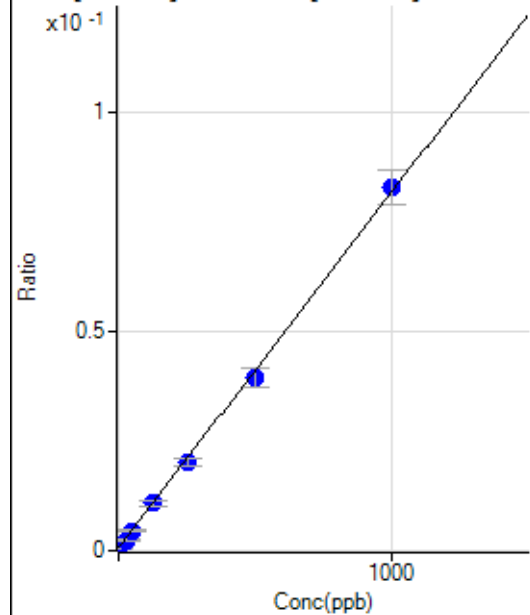
$$y = 0.0011 * x + 7.3814E-005$$

$$R = 1.0000$$

$$DL = 0.03628$$

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	399.26	0.0007	P	5.2
2	☐	25.000	20.760	1413.13	0.0023	P	7.6
3	☐	50.000	48.471	2857.72	0.0046	P	11.7
4	☐	125.000	124.741	6431.48	0.0108	P	11.2
5	☐	250.000	241.383	12715.67	0.0202	P	10.0
6	☐	500.000	479.636	25573.34	0.0395	P	10.9
7	☐	1000.000	1012.551	53068.83	0.0827	P	9.7
8	☐			9868.05	0.0162	P	8.0

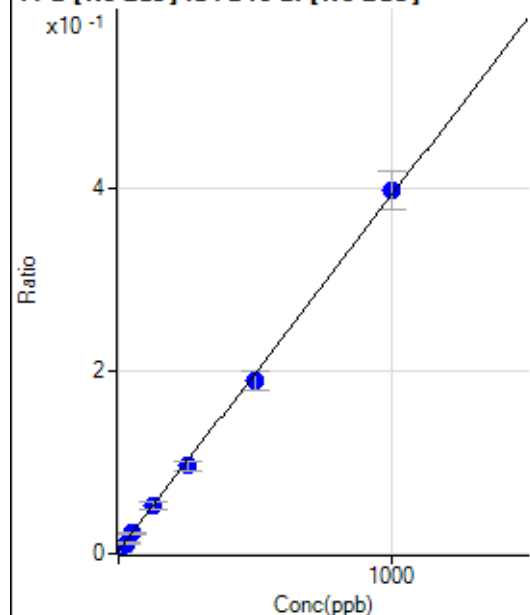
$$y = 8.1017E-005 * x + 6.6060E-004$$

$$R = 0.9997$$

$$DL = 1.264$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1899.75	0.0031	P	5.4
2	☐	25.000	20.545	6707.56	0.0111	P	9.1
3	☐	50.000	49.256	13869.16	0.0223	P	9.5
4	☐	125.000	127.663	31461.44	0.0527	P	12.7
5	☐	250.000	239.859	60550.96	0.0963	P	10.4
6	☐	500.000	479.556	122542.87	0.1893	P	11.4
7	☐	1000.000	1012.573	254308.83	0.3963	P	10.7
8	☐			47303.14	0.0778	P	9.3

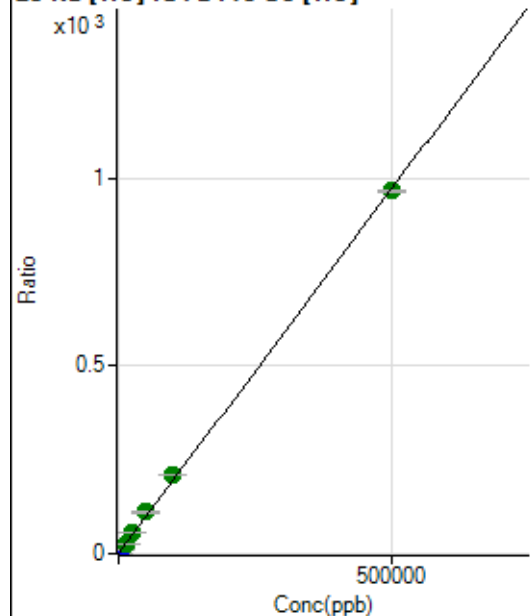
$$y = 3.8827E-004 * x + 0.0031$$

$$R = 0.9996$$

$$DL = 1.318$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26040.42	0.5691	P	0.2
2	☐	500.000	581.397	76369.70	1.6988	P	5.5
3	☐	5000.000	5792.479	563087.70	11.8238	P	0.3
4	☐	12500.000	13896.208	1329876.45	27.5692	A	1.1
5	☐	25000.000	28469.371	2611539.71	55.8845	A	1.5
6	☐	50000.000	56474.394	5441477.46	110.2976	A	1.0
7	☐	100000.00	108564.12	10235355.09	211.5068	A	0.7
8	☐	500000.00	497423.35	45452203.10	967.0516	A	0.8

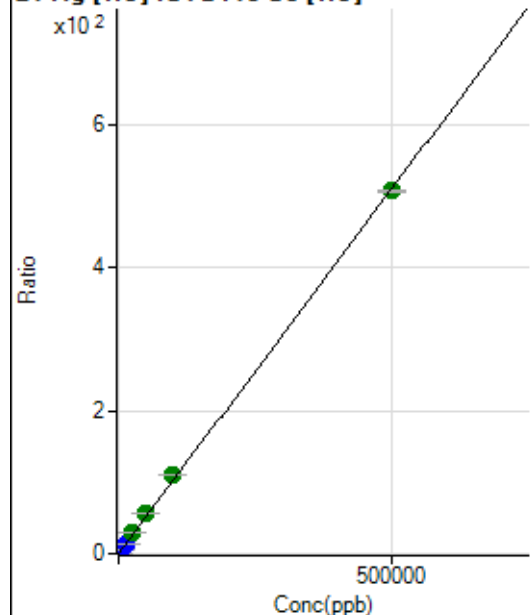
$$y = 0.0019 * x + 0.5691$$

$$R = 0.9998$$

$$DL = 1.605$$

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	216.67	0.0047	P	13.8
2	☐	500.000	567.215	26243.74	0.5834	P	4.4
3	☐	5000.000	5637.445	274084.65	5.7559	P	1.9
4	☐	12500.000	13790.914	678898.53	14.0738	P	0.8
5	☐	25000.000	28104.672	1340175.66	28.6762	A	0.4
6	☐	50000.000	55465.012	2791741.66	56.5883	A	0.6
7	☐	100000.00	107849.91	5324472.38	110.0296	A	0.6
8	☐	500000.00	497689.56	23865981.43	507.7310	A	0.7

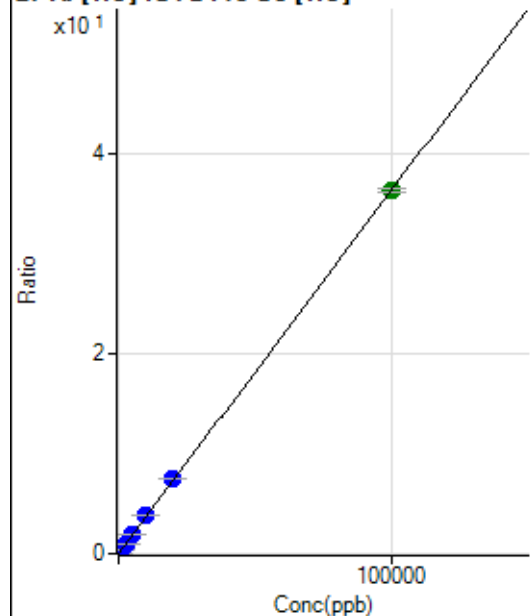
$$y = 0.0010 * x + 0.0047$$

$$R = 0.9998$$

$$DL = 1.92$$

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	289.28	0.0063	P	7.3
2	☐	20.000	20.424	619.23	0.0137	P	2.1
3	☐	1000.000	1057.392	18586.14	0.3903	P	1.3
4	☐	2500.000	2596.166	45782.36	0.9491	P	1.0
5	☐	5000.000	5254.549	89466.87	1.9144	P	1.1
6	☐	10000.000	10517.958	188742.15	3.8258	P	1.3
7	☐	20000.000	20538.425	361189.84	7.4646	P	1.6
8	☐	100000.00	99824.814	1704359.55	36.2565	A	0.9

$$y = 3.6314E-004 * x + 0.0063$$

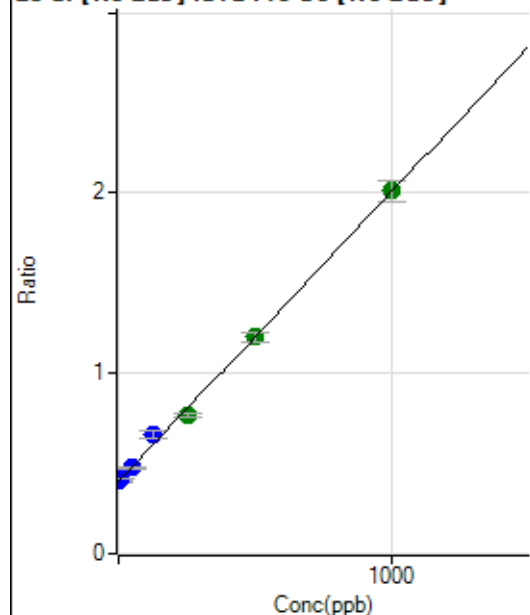
$$R = 1.0000$$

$$DL = 3.813$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	574038.43	0.4013	P	0.9
2	☐	10.000	8.403	595509.67	0.4148	P	1.3
3	☐	50.000	48.272	709682.36	0.4789	P	1.9
4	☐	125.000	161.386	937570.57	0.6607	P	6.4
5	☐	250.000	227.370	1139738.95	0.7668	A	3.6
6	☐	500.000	497.874	1855717.71	1.2015	A	4.3
7	☐	1000.000	1002.274	3085025.61	2.0122	A	6.0
8	☐			928884.58	0.6295	P	5.6

$$y = 0.0016 * x + 0.4013$$

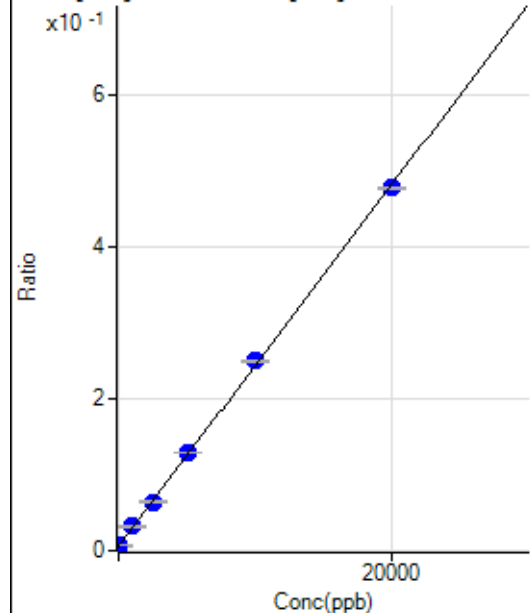
$$R = 0.9988$$

$$DL = 6.762$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-35.377	247.23	0.0054	P	18.6
2	☐	0.000	35.377	319.46	0.0071	P	16.9
3	☐	1000.000	1101.934	1541.79	0.0324	P	5.0
4	☐	2500.000	2454.464	3108.75	0.0644	P	4.9
5	☐	5000.000	5137.336	5984.73	0.1281	P	0.5
6	☐	10000.000	10238.773	12286.01	0.2490	P	1.3
7	☐	20000.000	19846.875	23077.12	0.4769	P	0.3
8	☐			288.90	0.0062	P	12.9

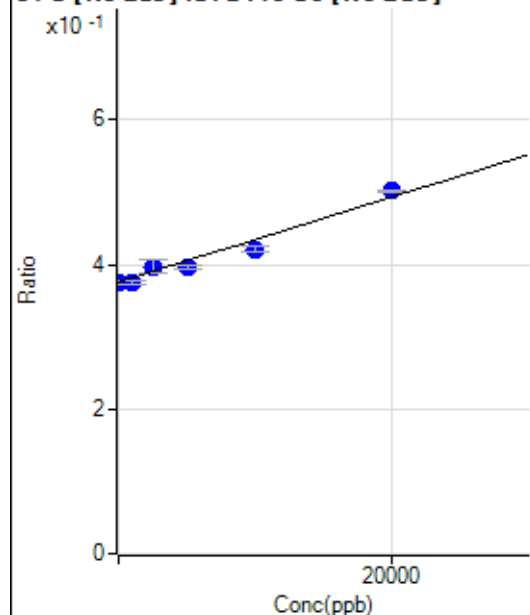
$$y = 2.3713E-005 * x + 0.0062$$

$$R = 0.9998$$

$$DL = 139$$

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	66.032	537903.18	0.3761	P	2.0
2	☐	0.000	-66.032	538809.93	0.3753	P	1.1
3	☐	1000.000	-358.956	553671.16	0.3736	P	1.4
4	☐	2500.000	3637.618	563693.17	0.3971	P	5.2
5	☐	5000.000	3493.398	589080.22	0.3962	P	1.2
6	☐	10000.000	7748.695	650103.58	0.4212	P	1.6
7	☐	20000.000	21428.048	769255.35	0.5015	P	0.9
8	☐			512305.44	0.3471	P	3.1

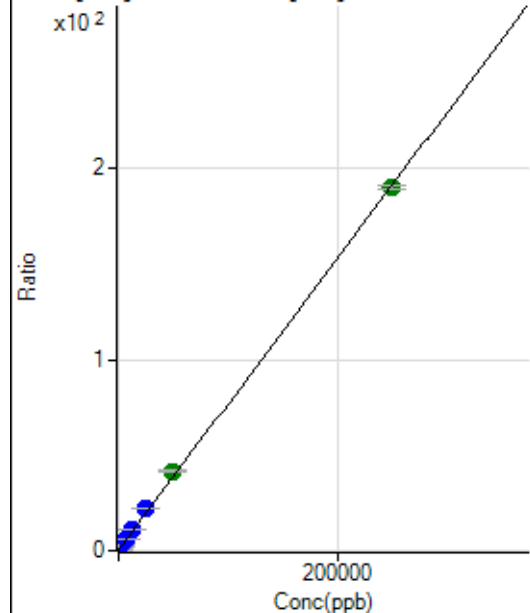
$$y = 5.8713\text{E-}006 * x + 0.3757$$

$$R = 0.9846$$

$$DL = 3045$$

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	18426.09	0.4028	P	1.6
2	☐	500.000	586.370	38167.86	0.8490	P	5.2
3	☐	2500.000	2777.917	119847.81	2.5166	P	1.2
4	☐	6250.000	6855.347	271073.40	5.6194	P	1.1
5	☐	12500.000	14008.099	516966.98	11.0623	P	1.1
6	☐	25000.000	27999.756	1071008.36	21.7093	P	0.4
7	☐	50000.000	54224.191	2016094.73	41.6649	A	1.3
8	☐	250000.00	248761.69	8916002.54	189.6989	A	0.9

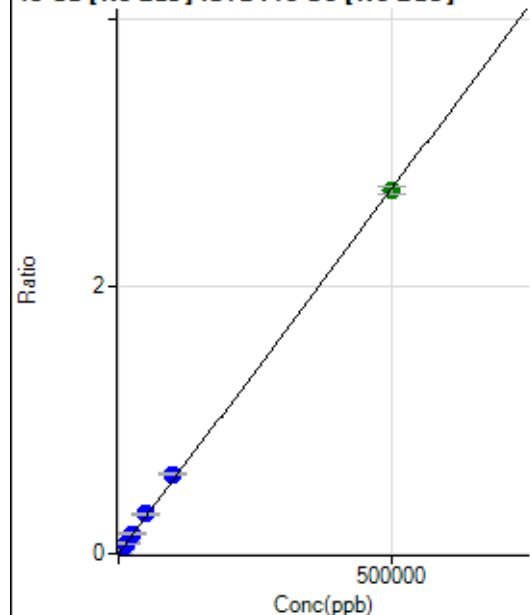
$$y = 7.6095\text{E-}004 * x + 0.4028$$

$$R = 0.9998$$

$$DL = 25.13$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.59	0.0005	P	17.1
2	☐	500.000	516.823	4750.95	0.0033	P	5.3
3	☐	5000.000	5571.019	45726.08	0.0309	P	2.3
4	☐	12500.000	14188.412	110539.85	0.0778	P	3.7
5	☐	25000.000	27552.971	224001.30	0.1507	P	1.4
6	☐	50000.000	54368.448	458439.60	0.2968	P	1.9
7	☐	100000.00	109223.98	913876.67	0.5958	P	0.8
8	☐	500000.00	497542.77	4004309.64	2.7123	A	2.0

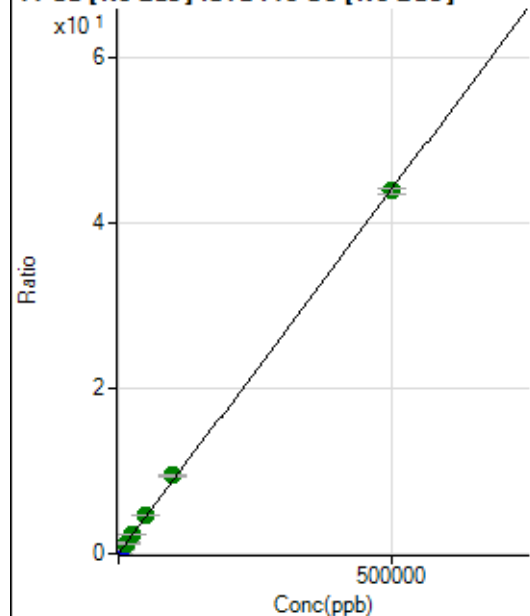
$$y = 5.4505\text{E-}006 * x + 4.9382\text{E-}004$$

$$R = 0.9998$$

$$DL = 46.53$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28787.68	0.0201	P	1.5
2	☐	500.000	545.002	97678.04	0.0681	P	3.0
3	☐	5000.000	5599.127	759457.50	0.5125	P	2.2
4	☐	12500.000	14235.350	1805511.39	1.2720	A	5.6
5	☐	25000.000	27130.633	3577238.58	2.4060	A	0.7
6	☐	50000.000	53095.345	7241459.71	4.6894	A	1.4
7	☐	100000.00	107150.85	14483403.62	9.4431	A	1.3
8	☐	500000.00	498104.34	64695197.97	43.8242	A	1.8

$$y = 8.7942\text{E-}005 * x + 0.0201$$

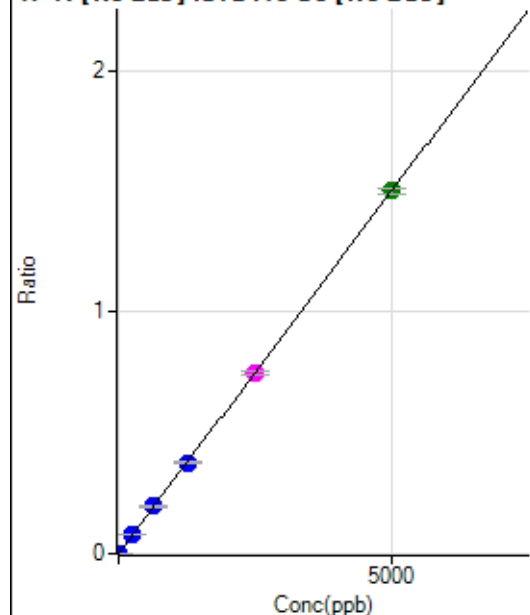
$$R = 0.9999$$

$$DL = 10.56$$

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	594.47	0.0004	P	6.4
2	☐	5.000	5.009	2753.12	0.0019	P	4.7
3	☐	250.000	252.929	113088.17	0.0763	P	1.8
4	☐	625.000	651.558	278127.96	0.1959	P	5.4
5	☐	1250.000	1254.548	560327.07	0.3769	P	1.0
6	☐	2500.000	2485.781	1152572.58	0.7464	M	1.6
7	☐	5000.000	5002.506	2303001.74	1.5016	A	1.6
8	☐			4531.40	0.0031	P	5.2

$$y = 3.0008\text{E-}004 * x + 4.1536\text{E-}004$$

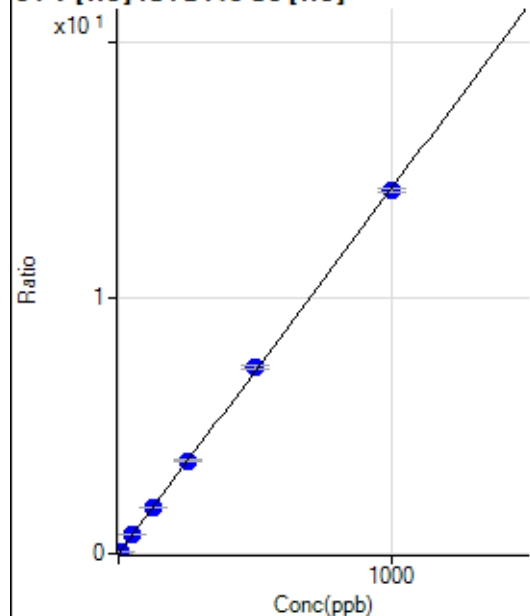
$$R = 1.0000$$

$$DL = 0.2673$$

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	18.89	0.0004	P	50.6
2	☐	5.000	5.326	3443.78	0.0766	P	4.4
3	☐	50.000	51.352	34981.60	0.7346	P	0.8
4	☐	125.000	125.965	86897.15	1.8014	P	0.7
5	☐	250.000	254.919	170334.60	3.6450	P	1.7
6	☐	500.000	510.627	360179.61	7.3009	P	1.3
7	☐	1000.000	993.267	687209.44	14.2013	P	1.0
8	☐			1343.41	0.0286	P	8.7

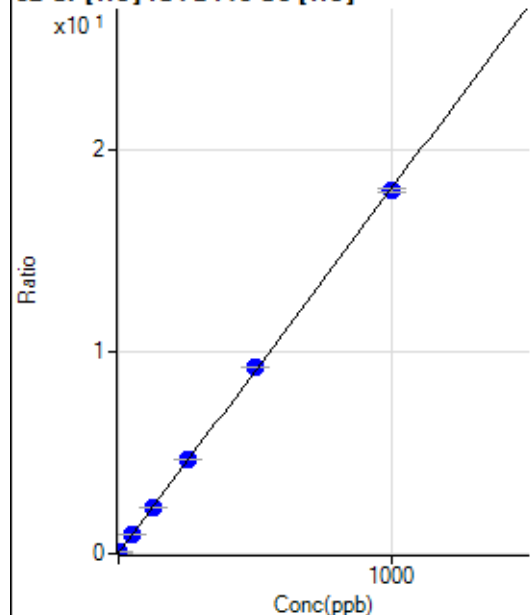
$$y = 0.0143 * x + 4.1235\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.04377$$

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	1012.27	0.0221	P	6.1
2	☐	2.000	2.067	2670.28	0.0594	P	4.8
3	☐	50.000	51.757	45482.00	0.9551	P	1.4
4	☐	125.000	125.143	109889.29	2.2780	P	0.8
5	☐	250.000	256.104	216783.25	4.6388	P	1.2
6	☐	500.000	510.096	454729.80	9.2174	P	0.7
7	☐	1000.000	993.320	867528.90	17.9283	P	1.2
8	☐			23306.87	0.4959	P	0.5

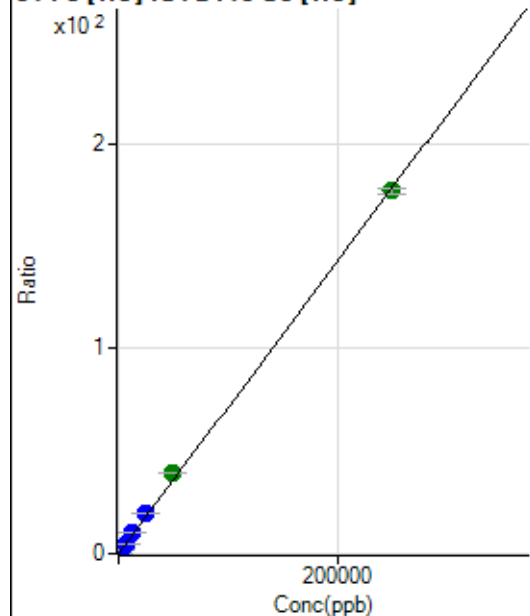
$$y = 0.0180 * x + 0.0221$$

$$R = 0.9999$$

$$DL = 0.2229$$

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	346.31	0.0076	P	9.9
2	☐	50.000	61.167	2296.52	0.0511	P	9.1
3	☐	2500.000	2803.522	95442.30	2.0042	P	0.5
4	☐	6250.000	6861.962	236110.04	4.8945	P	1.4
5	☐	12500.000	13935.558	464144.39	9.9322	P	1.5
6	☐	25000.000	27844.987	978692.43	19.8383	P	1.2
7	☐	50000.000	55310.833	1906606.77	39.3990	A	0.6
8	☐	250000.00	248563.22	8319958.40	177.0301	A	1.4

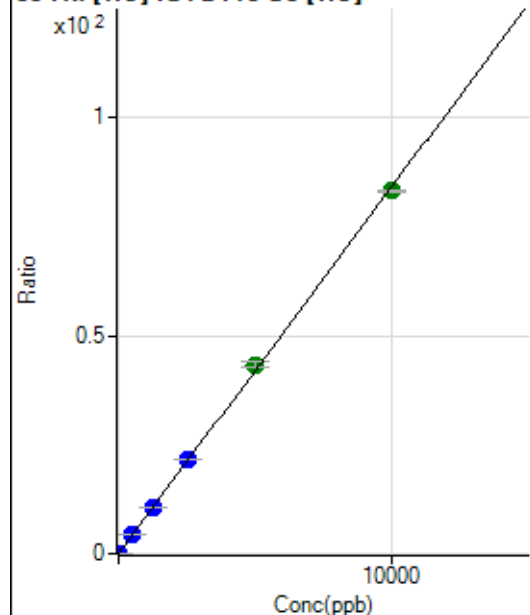
$$y = 7.1218E-004 * x + 0.0076$$

$$R = 0.9997$$

$$DL = 3.167$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.45	0.0016	P	9.4
2	☐	1.000	0.964	437.79	0.0097	P	5.9
3	☐	500.000	517.849	207318.66	4.3538	P	1.6
4	☐	1250.000	1259.295	510615.64	10.5851	P	0.7
5	☐	2500.000	2573.402	1010760.97	21.6292	P	1.5
6	☐	5000.000	5161.600	2140111.64	43.3812	A	2.5
7	☐	10000.000	9898.795	4026163.62	83.1940	A	0.8
8	☐			10090.32	0.2148	P	3.6

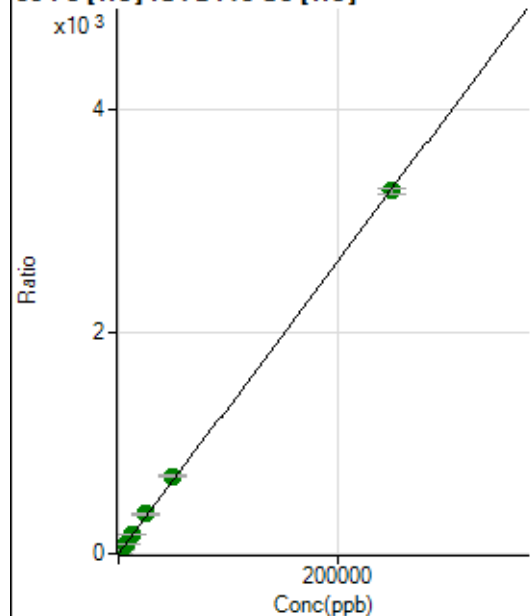
$$y = 0.0084 * x + 0.0016$$

$$R = 0.9998$$

$$DL = 0.05479$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2315.05	0.0506	P	7.1
2	☐	50.000	59.015	37087.28	0.8253	P	7.0
3	☐	2500.000	2767.788	1732388.16	36.3807	A	1.5
4	☐	6250.000	6727.478	4262274.43	88.3558	A	0.8
5	☐	12500.000	13683.357	8396054.99	179.6589	A	0.8
6	☐	25000.000	27161.335	17591019.72	356.5714	A	1.2
7	☐	50000.000	53409.256	33928418.58	701.1027	A	0.5
8	☐	250000.00	249028.23	153621866.4	3268.805	A	1.6

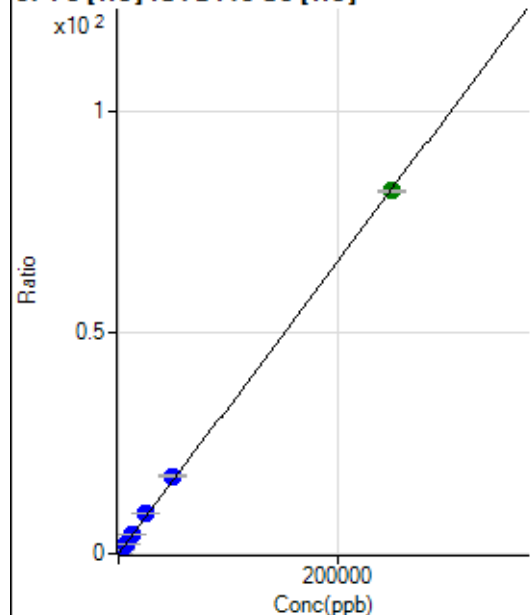
$$y = 0.0131 * x + 0.0506$$

$$R = 0.9999$$

$$DL = 0.8213$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.30	0.0021	P	27.2
2	☐	50.000	60.711	996.35	0.0221	P	2.5
3	☐	2500.000	2756.058	43310.35	0.9094	P	1.6
4	☐	6250.000	6716.984	106776.61	2.2135	P	1.0
5	☐	12500.000	13639.780	209946.29	4.4926	P	1.7
6	☐	25000.000	27224.877	442282.89	8.9650	P	0.7
7	☐	50000.000	53279.308	848889.45	17.5426	P	0.8
8	☐	250000.00	249050.42	3854300.69	81.9938	A	0.7

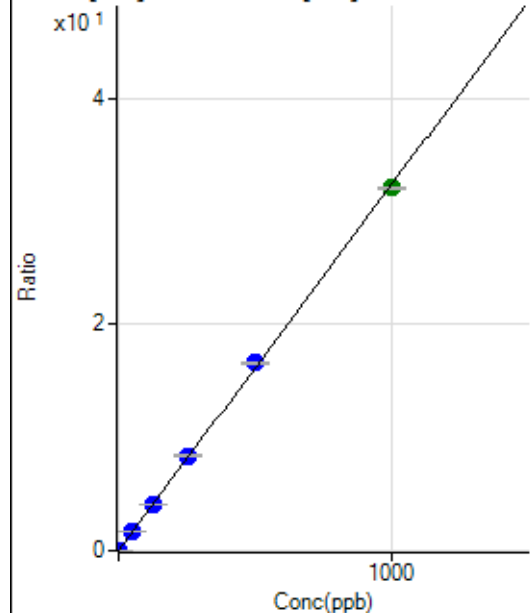
$$y = 3.2922\text{E-}004 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 5.224$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0011	P	30.4
2	☐	1.000	1.027	1540.10	0.0343	P	8.9
3	☐	50.000	52.025	80147.14	1.6830	P	0.7
4	☐	125.000	127.218	198448.15	4.1139	P	1.0
5	☐	250.000	258.529	390630.49	8.3591	P	1.6
6	☐	500.000	512.320	817157.54	16.5640	P	1.0
7	☐	1000.000	991.329	1551028.47	32.0500	A	0.5
8	☐			5099.85	0.1085	P	2.2

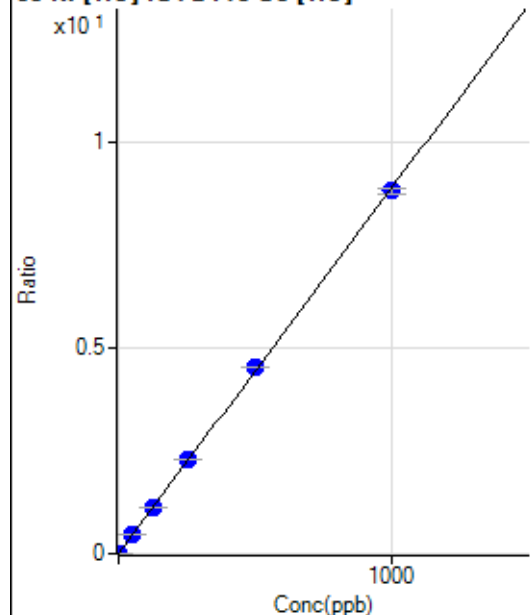
$$y = 0.0323 * x + 0.0011$$

$$R = 0.9998$$

$$DL = 0.03084$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	117.78	0.0026	P	8.3
2	☐	1.000	1.281	628.91	0.0140	P	3.4
3	☐	50.000	52.185	22207.41	0.4664	P	1.4
4	☐	125.000	127.566	54813.95	1.1363	P	0.2
5	☐	250.000	257.320	106985.91	2.2894	P	1.7
6	☐	500.000	509.990	223724.90	4.5349	P	0.9
7	☐	1000.000	992.745	427033.99	8.8253	P	1.5
8	☐			7691.03	0.1636	P	1.0

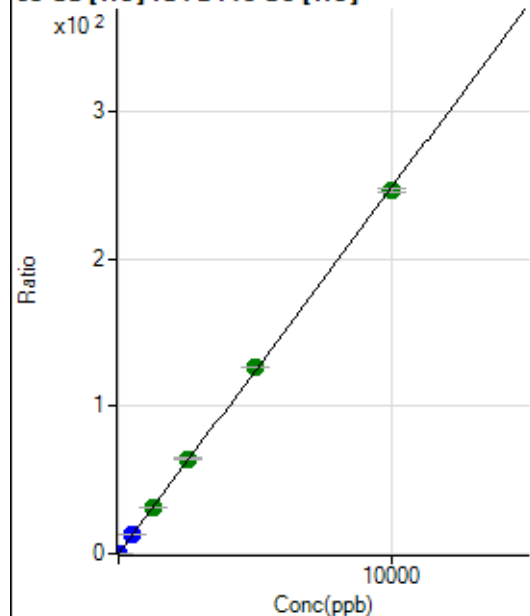
$$y = 0.0089 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 0.07216$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	560.02	0.0122	P	1.8
2	☐	2.000	2.164	2964.78	0.0659	P	5.5
3	☐	500.000	525.546	621630.18	13.0536	P	0.6
4	☐	1250.000	1276.026	1528067.75	31.6767	A	1.2
5	☐	2500.000	2600.202	3015960.79	64.5360	A	0.9
6	☐	5000.000	5111.953	6258811.44	126.8649	A	0.3
7	☐	10000.000	9914.442	11905647.60	246.0383	A	1.0
8	☐			25067.74	0.5334	P	1.9

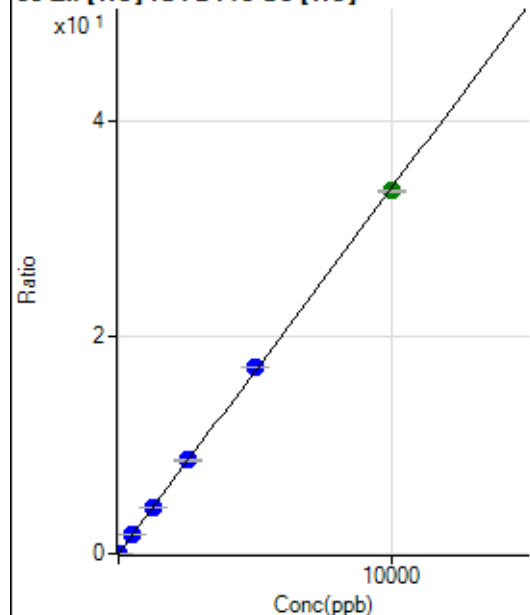
$$y = 0.0248 * x + 0.0122$$

$$R = 0.9999$$

$$DL = 0.02592$$

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	104.44	0.0023	P	34.4
2	☐	2.000	2.310	451.12	0.0101	P	15.1
3	☐	500.000	520.921	83730.81	1.7583	P	1.1
4	☐	1250.000	1269.098	206483.81	4.2803	P	0.1
5	☐	2500.000	2563.229	403897.71	8.6427	P	1.0
6	☐	5000.000	5106.376	849312.77	17.2154	P	0.6
7	☐	10000.000	9927.571	1619525.43	33.4673	A	0.6
8	☐			9415.43	0.2003	P	1.2

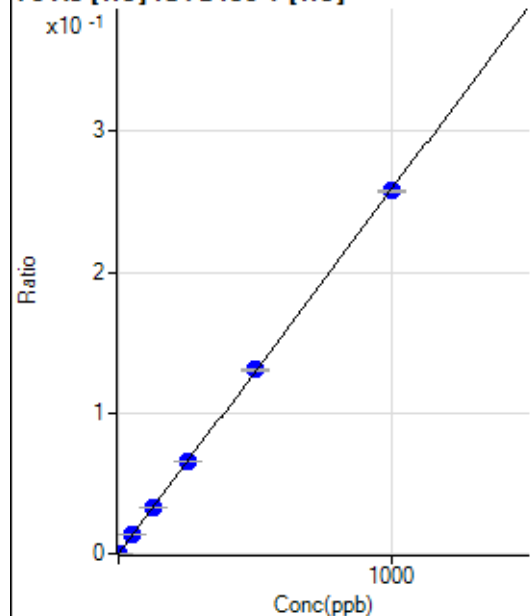
$$y = 0.0034 * x + 0.0023$$

$$R = 0.9999$$

$$DL = 0.7005$$

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	9.67	0.0000	P	31.8
2	☐	1.000	1.034	120.34	0.0003	P	0.3
3	☐	50.000	50.666	5768.76	0.0131	P	2.0
4	☐	125.000	126.255	14374.74	0.0327	P	0.6
5	☐	250.000	252.179	28261.60	0.0653	P	0.4
6	☐	500.000	506.482	59798.48	0.1311	P	1.1
7	☐	1000.000	996.024	115024.74	0.2578	P	0.2
8	☐			241.36	0.0005	P	6.6

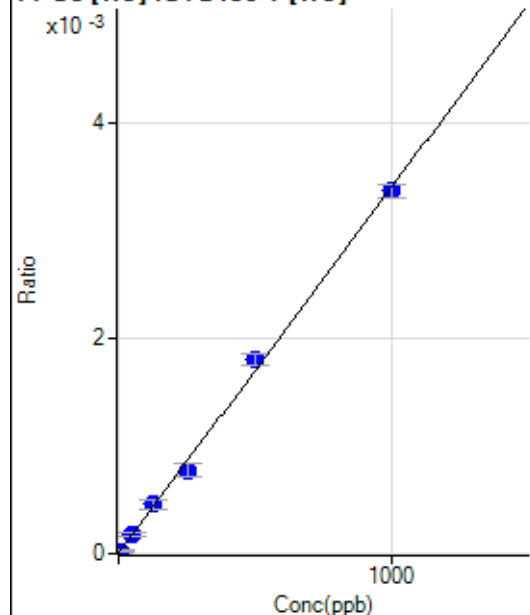
$$y = 2.5881E-004 * x + 2.2832E-005$$

$$R = 1.0000$$

$$DL = 0.08406$$

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	7.054	11.11	0.0000	P	43.8
3	☐	50.000	52.040	78.89	0.0002	P	17.2
4	☐	125.000	133.205	200.01	0.0005	P	18.4
5	☐	250.000	226.514	334.45	0.0008	P	16.4
6	☐	500.000	528.840	821.14	0.0018	P	5.8
7	☐	1000.000	990.314	1503.43	0.0034	P	3.8
8	☐			4.44	0.0000	P	43.3

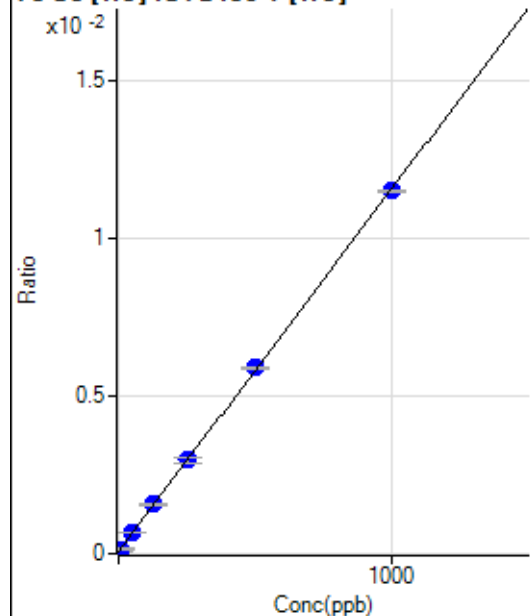
$$y = 3.3996\text{E-}006 * x + 2.6357\text{E-}006$$

$$R = 0.9990$$

$$DL = 4.029$$

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	29.33	0.0001	P	30.2
2	☐	5.000	6.431	59.67	0.0001	P	17.5
3	☐	50.000	52.963	297.70	0.0007	P	3.0
4	☐	125.000	131.194	693.09	0.0016	P	3.7
5	☐	250.000	251.750	1282.52	0.0030	P	4.4
6	☐	500.000	506.941	2688.53	0.0059	P	1.5
7	☐	1000.000	995.163	5133.13	0.0115	P	0.6
8	☐			43.00	0.0001	P	13.9

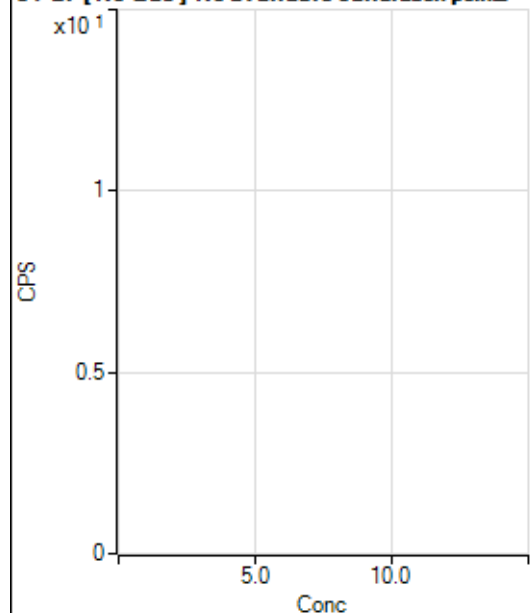
$$y = 1.1491\text{E-}005 * x + 6.9216\text{E-}005$$

$$R = 1.0000$$

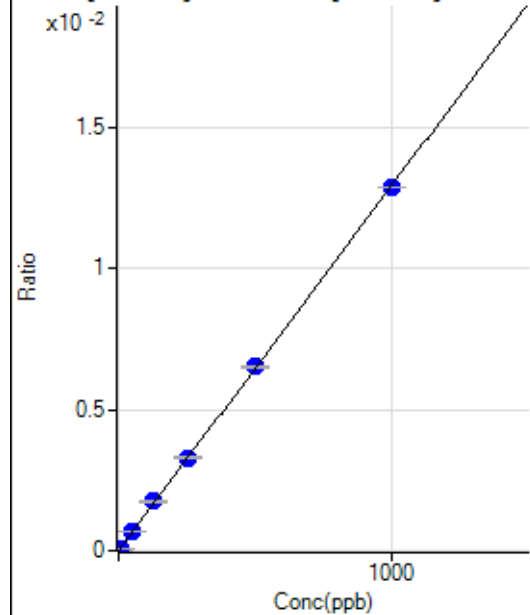
$$DL = 5.466$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2506.15		P	10.6
2	☐			2359.30		P	2.1
3	☐			2312.58		P	7.8
4	☐			2312.59		P	2.2
5	☐			2422.72		P	3.0
6	☐			2305.91		P	7.8
7	☐			2449.39		P	2.9
8	☐			2532.84		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-37.45	0.0000	P	-67.
2	☐	5.000	6.419	267.62	0.0001	P	15.7
3	☐	50.000	51.074	2476.40	0.0007	P	2.4
4	☐	125.000	135.883	6335.83	0.0017	P	3.6
5	☐	250.000	254.054	12658.77	0.0033	P	1.6
6	☐	500.000	505.638	25758.42	0.0065	P	1.1
7	☐	1000.000	994.746	51225.64	0.0129	P	0.1
8	☐			96.87	0.0000	P	64.8

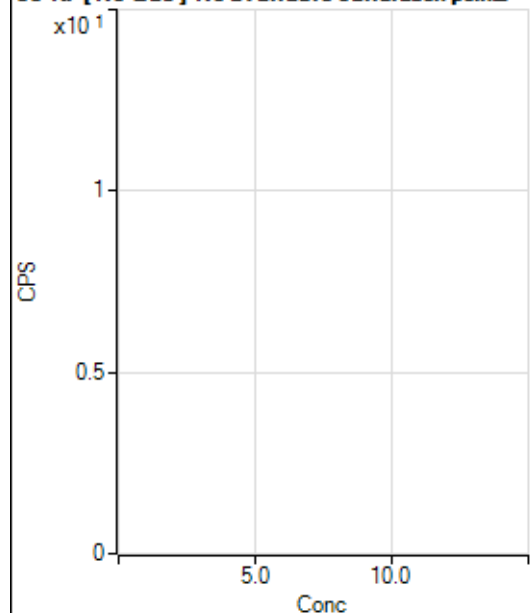
$$y = 1.2948E-005 * x - 1.0114E-005$$

$$R = 0.9999$$

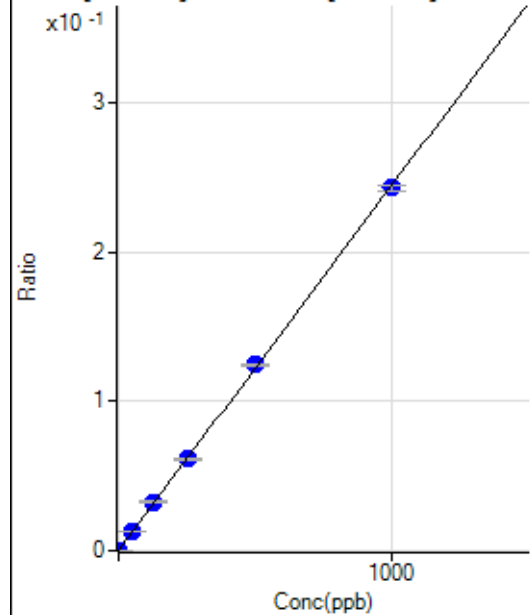
$$DL = 1.591$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			433.34		P	5.4
2	☐			423.35		P	2.4
3	☐			481.13		P	9.7
4	☐			441.12		P	11.4
5	☐			433.34		P	6.2
6	☐			480.01		P	8.9
7	☐			431.12		P	9.7
8	☐			464.46		P	7.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	638.92	0.0002	P	6.8
2	☐	1.000	1.216	1719.60	0.0005	P	7.3
3	☐	50.000	52.137	49033.60	0.0129	P	1.3
4	☐	125.000	132.703	117856.16	0.0326	P	5.3
5	☐	250.000	251.872	237943.65	0.0616	P	1.8
6	☐	500.000	508.948	490127.84	0.1244	P	0.9
7	☐	1000.000	993.988	966201.32	0.2428	P	1.4
8	☐			4050.71	0.0011	P	12.2

$$y = 2.4405E-004 * x + 1.7191E-004$$

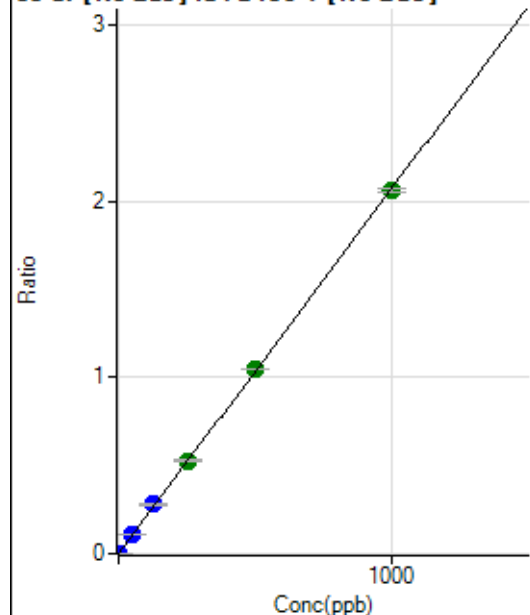
$$R = 0.9999$$

$$DL = 0.1439$$

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	216.68	0.0001	P	17.3
2	☐	1.000	1.002	7813.51	0.0021	P	1.8
3	☐	50.000	52.747	414940.41	0.1091	P	0.6
4	☐	125.000	135.507	1014735.09	0.2803	P	4.6
5	☐	250.000	255.425	2039127.37	0.5282	A	0.8
6	☐	500.000	505.339	4117120.32	1.0450	A	0.7
7	☐	1000.000	994.524	8185150.44	2.0565	A	1.1
8	☐			29993.93	0.0078	P	3.7

$$y = 0.0021 * x + 5.8362E-005$$

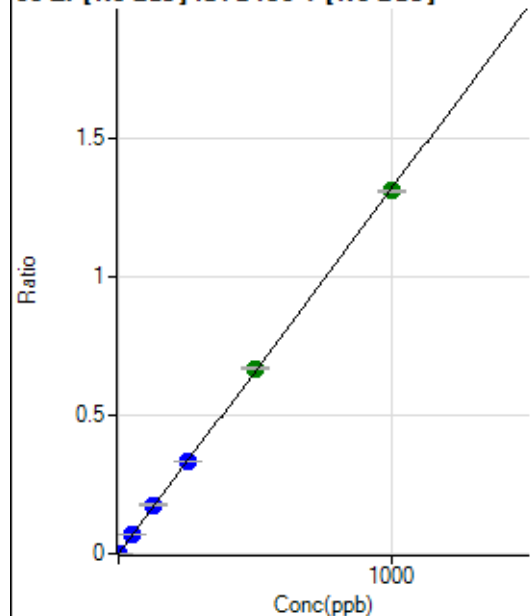
$$R = 0.9999$$

$$DL = 0.01469$$

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	0.0001	P	5.6
2	☐	1.000	0.936	4731.49	0.0013	P	3.2
3	☐	50.000	51.686	259050.96	0.0681	P	0.2
4	☐	125.000	134.327	640620.71	0.1770	P	5.1
5	☐	250.000	252.834	1285660.48	0.3330	P	0.7
6	☐	500.000	507.452	2634104.94	0.6684	A	1.5
7	☐	1000.000	994.315	5212392.74	1.3095	A	0.6
8	☐			9909.35	0.0026	P	0.3

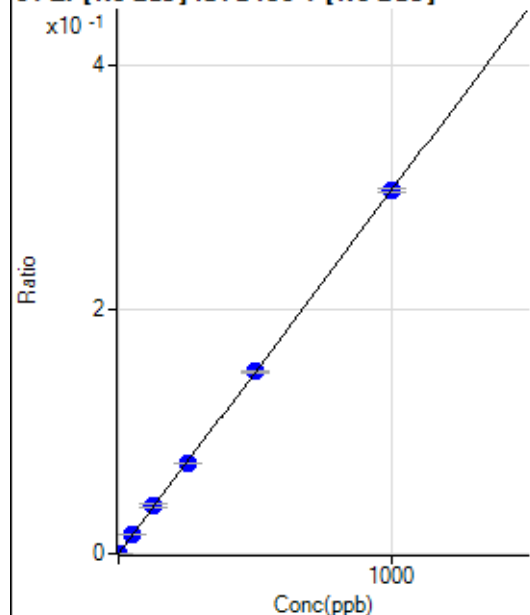
$$y = 0.0013 * x + 5.6816E-005$$

$$R = 0.9999$$

$$DL = 0.007307$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	0.8
2	☐	1.000	0.884	997.29	0.0003	P	5.2
3	☐	50.000	50.702	57412.84	0.0151	P	0.9
4	☐	125.000	132.184	142433.13	0.0393	P	5.4
5	☐	250.000	248.915	286027.89	0.0741	P	0.5
6	☐	500.000	501.287	587899.47	0.1492	P	1.1
7	☐	1000.000	998.695	1183057.43	0.2972	P	1.2
8	☐			2239.13	0.0006	P	2.2

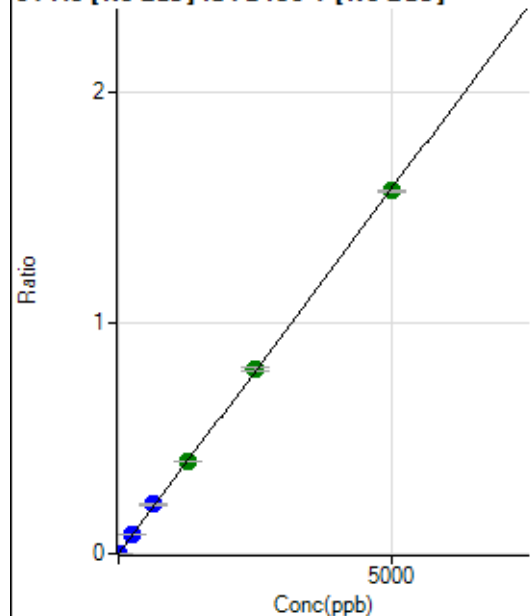
$$y = 2.9761E-004 * x + 8.9712E-006$$

$$R = 1.0000$$

$$DL = 0.0007154$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	14.9
2	☐	5.000	5.355	6276.58	0.0017	P	5.6
3	☐	250.000	257.299	309531.91	0.0814	P	1.3
4	☐	625.000	676.895	775175.59	0.2141	P	5.1
5	☐	1250.000	1264.960	1544673.97	0.4001	A	1.4
6	☐	2500.000	2534.008	3156975.07	0.8016	A	1.5
7	☐	5000.000	4972.404	6260611.33	1.5729	A	0.2
8	☐			14494.03	0.0038	P	2.3

$$y = 3.1632E-004 * x + 1.7193E-005$$

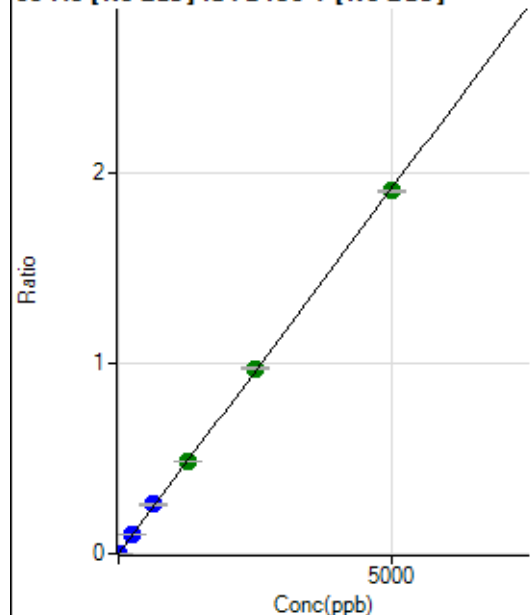
$$R = 0.9999$$

$$DL = 0.02426$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.1
2	☐	5.000	5.437	7660.64	0.0021	P	5.1
3	☐	250.000	261.642	381500.37	0.1003	P	1.2
4	☐	625.000	676.723	939358.38	0.2595	P	5.3
5	☐	1250.000	1266.833	1875351.17	0.4858	A	1.5
6	☐	2500.000	2537.665	3833906.38	0.9731	A	0.5
7	☐	5000.000	4969.911	7585564.93	1.9058	A	0.8
8	☐			18829.86	0.0049	P	0.4

$$y = 3.8346E-004 * x + 3.7345E-006$$

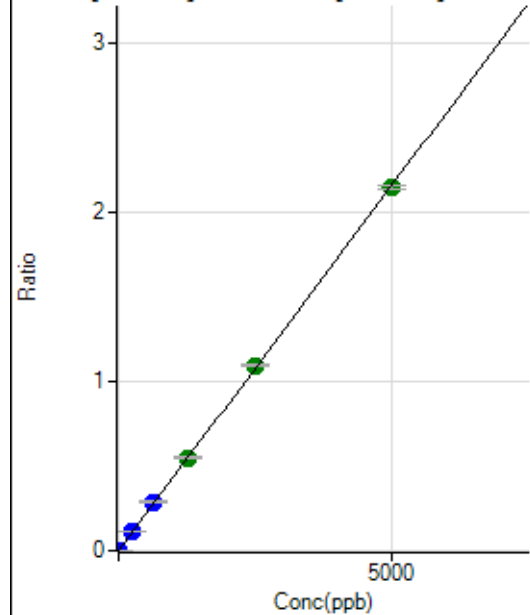
$$R = 0.9999$$

$$DL = 0.02019$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	29.1
2	☐	5.000	5.468	8719.65	0.0024	P	2.5
3	☐	250.000	258.683	423592.58	0.1114	P	1.2
4	☐	625.000	671.699	1046811.71	0.2892	P	5.8
5	☐	1250.000	1272.353	2114860.16	0.5479	A	1.8
6	☐	2500.000	2535.615	4302060.95	1.0918	A	1.4
7	☐	5000.000	4970.332	8517930.31	2.1401	A	1.2
8	☐			21097.09	0.0055	P	5.1

$$y = 4.3057E-004 * x + 2.3149E-005$$

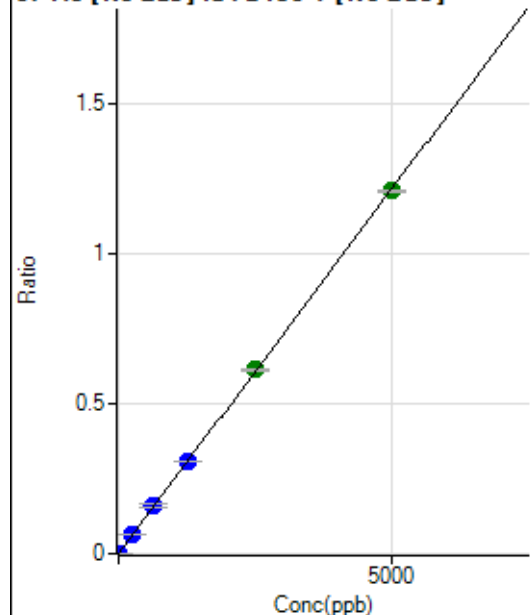
$$R = 0.9999$$

$$DL = 0.04692$$

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	22.22	0.0000	P	115.
2	☐	5.000	5.170	4623.10	0.0013	P	4.8
3	☐	250.000	256.234	236384.53	0.0622	P	1.8
4	☐	625.000	664.062	583090.81	0.1611	P	5.9
5	☐	1250.000	1262.159	1182134.11	0.3062	P	0.9
6	☐	2500.000	2525.257	2413828.09	0.6127	A	0.5
7	☐	5000.000	4979.137	4808269.55	1.2080	A	0.3
8	☐			11502.34	0.0030	P	3.2

$$y = 2.4261E-004 * x + 6.0113E-006$$

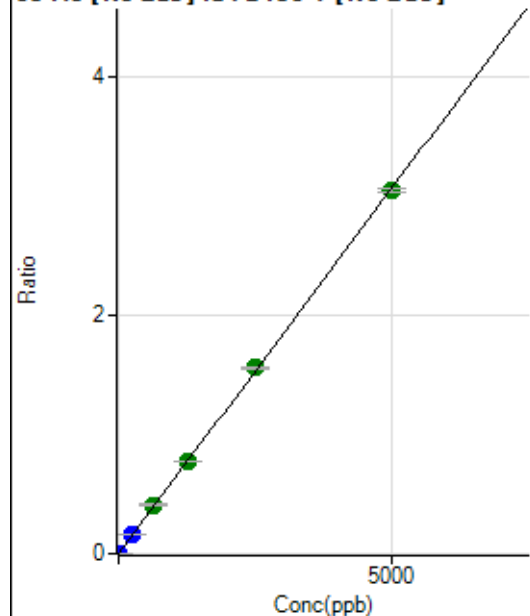
$$R = 1.0000$$

$$DL = 0.08557$$

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	22.22	0.0000	P	56.8
2	☐	5.000	5.208	11713.63	0.0032	P	1.1
3	☐	250.000	260.590	606471.55	0.1595	P	0.8
4	☐	625.000	670.983	1486210.51	0.4107	A	6.0
5	☐	1250.000	1264.189	2986821.03	0.7737	A	1.9
6	☐	2500.000	2542.047	6129805.78	1.5558	A	0.5
7	☐	5000.000	4969.152	12105159.91	3.0413	A	1.2
8	☐			30450.81	0.0079	P	1.7

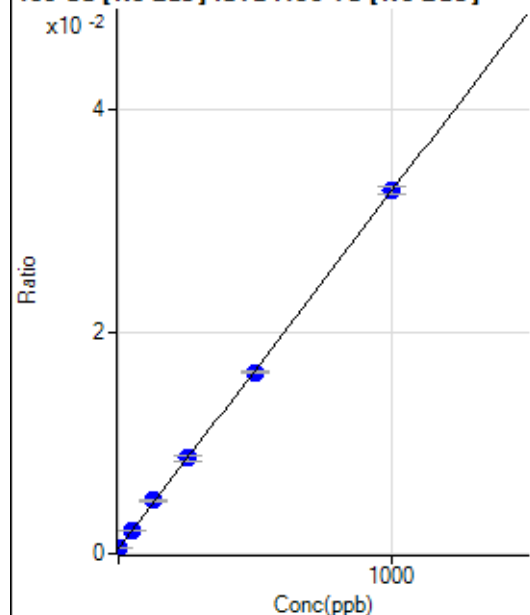
$$y = 6.1204E-004 * x + 5.9628E-006$$

$$R = 0.9999$$

$$DL = 0.01661$$

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	1041.73	0.0005	P	8.6
2	☐	1.000	0.706	1100.08	0.0005	P	4.9
3	☐	50.000	51.151	4951.02	0.0021	P	5.2
4	☐	125.000	135.782	10951.79	0.0048	P	4.5
5	☐	250.000	253.244	20579.80	0.0086	P	4.9
6	☐	500.000	493.361	40521.45	0.0164	P	0.9
7	☐	1000.000	1001.104	81202.85	0.0327	P	2.0
8	☐			1183.41	0.0005	P	14.9

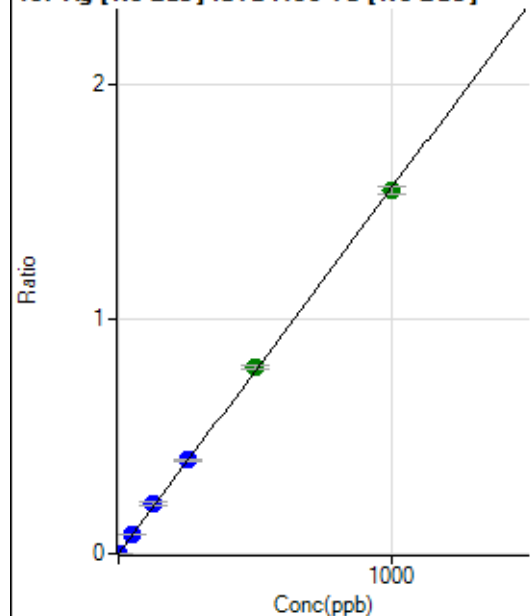
$$y = 3.2235E-005 * x + 4.5806E-004$$

$$R = 0.9999$$

$$DL = 3.68$$

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	47.22	0.0000	P	54.2
2	☐	1.000	1.053	3797.84	0.0017	P	12.1
3	☐	50.000	52.449	192068.07	0.0817	P	0.3
4	☐	125.000	135.679	478141.59	0.2114	P	5.6
5	☐	250.000	256.270	953101.07	0.3992	P	1.8
6	☐	500.000	509.057	1964178.58	0.7929	A	1.9
7	☐	1000.000	992.447	3835386.20	1.5459	A	2.0
8	☐			6821.33	0.0029	P	2.5

$$y = 0.0016 * x + 2.0785E-005$$

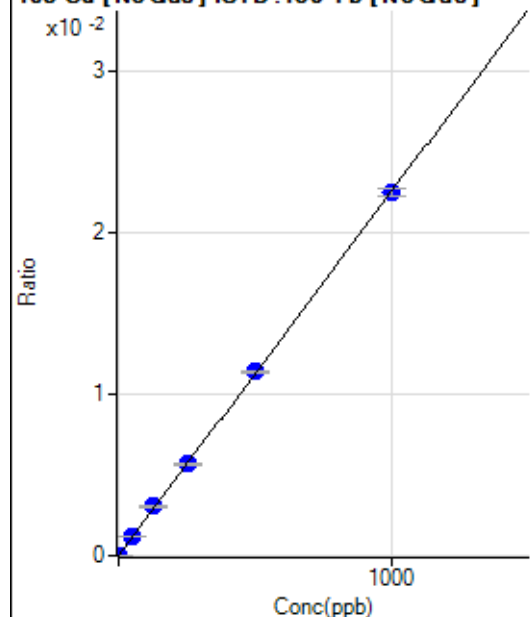
$$R = 0.9999$$

$$DL = 0.0217$$

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	9.72	0.0000	P	98.7
2	☐	1.000	0.995	61.11	0.0000	P	15.3
3	☐	50.000	52.565	2798.94	0.0012	P	3.6
4	☐	125.000	136.078	6964.34	0.0031	P	3.6
5	☐	250.000	250.771	13527.59	0.0057	P	1.2
6	☐	500.000	504.459	28206.71	0.0114	P	0.4
7	☐	1000.000	996.065	55801.22	0.0225	P	2.3
8	☐			127.78	0.0001	P	20.9

$$y = 2.2575\text{E-}005 * x + 4.2688\text{E-}006$$

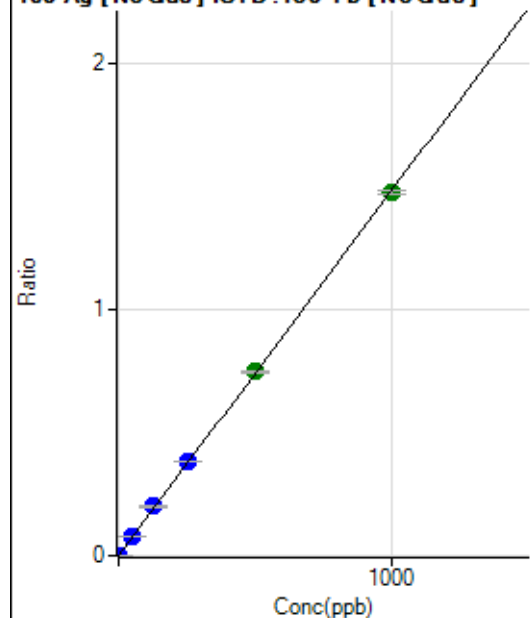
$$R = 0.9999$$

$$DL = 0.56$$

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	19.45	0.0000	P	25.1
2	☐	1.000	1.005	3428.30	0.0015	P	2.2
3	☐	50.000	52.175	181689.93	0.0773	P	0.7
4	☐	125.000	135.024	452465.93	0.2000	P	6.0
5	☐	250.000	258.818	915512.69	0.3834	P	1.4
6	☐	500.000	504.733	1851986.80	0.7477	A	1.1
7	☐	1000.000	994.068	3653943.10	1.4726	A	0.9
8	☐			6729.60	0.0029	P	5.0

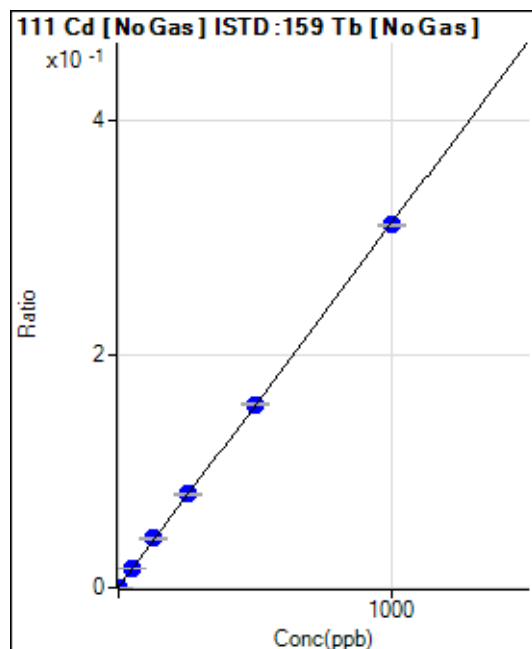
$$y = 0.0015 * x + 8.5542\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.00434$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	737.68	0.0003	P	8.9
2	☐	1.000	1.003	1457.86	0.0006	P	4.5
3	☐	50.000	52.178	38992.16	0.0166	P	0.7
4	☐	125.000	134.685	95718.47	0.0423	P	5.5
5	☐	250.000	256.323	191538.33	0.0802	P	2.3
6	☐	500.000	502.828	389002.03	0.1571	P	1.0
7	☐	1000.000	995.686	770939.65	0.3107	P	0.5
8	☐			2089.03	0.0009	P	6.8

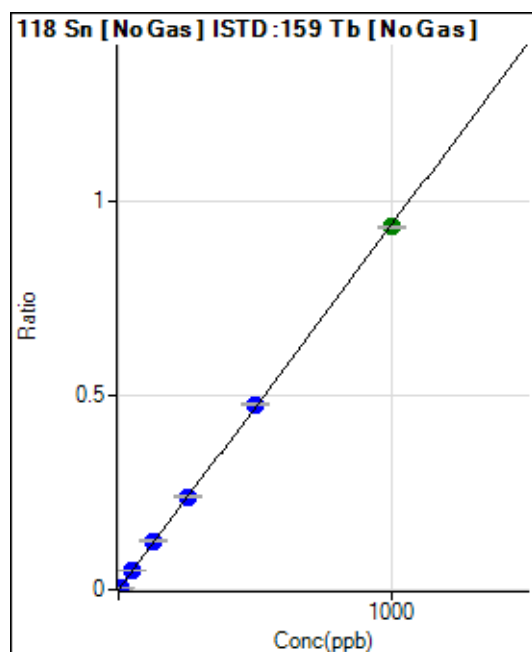
$$y = 3.1172\text{E-}004 * x + 3.2437\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2777$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.01	0.0001	P	16.3
2	☐	5.000	5.202	11463.43	0.0050	P	0.5
3	☐	50.000	51.264	113507.43	0.0483	P	0.3
4	☐	125.000	133.242	283506.84	0.1253	P	5.6
5	☐	250.000	254.805	571986.77	0.2396	P	1.1
6	☐	500.000	506.111	1178133.41	0.4757	P	1.1
7	☐	1000.000	994.649	2319391.11	0.9348	A	0.8
8	☐			5776.38	0.0024	P	5.8

$$y = 9.3966\text{E-}004 * x + 1.2095\text{E-}004$$

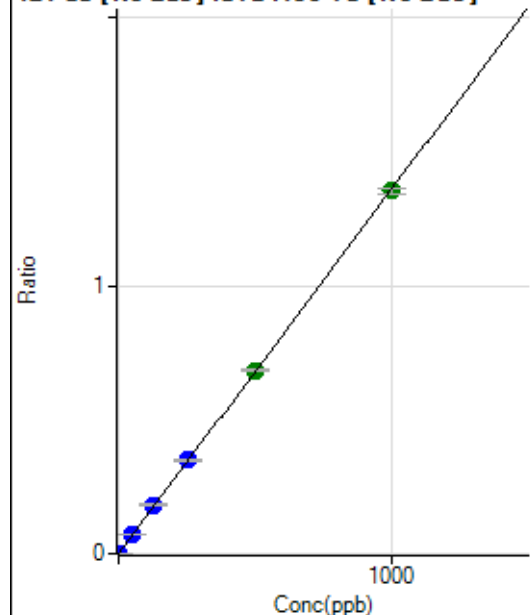
$$R = 0.9999$$

$$DL = 0.06306$$

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	38.89	0.0000	P	12.5
2	☐	2.000	2.042	6396.13	0.0028	P	6.0
3	☐	50.000	51.842	165799.14	0.0705	P	1.1
4	☐	125.000	134.080	412737.40	0.1824	P	5.2
5	☐	250.000	256.715	833881.48	0.3492	P	1.6
6	☐	500.000	502.671	1693768.92	0.6838	A	1.1
7	☐	1000.000	995.759	3361061.40	1.3546	A	1.5
8	☐			7955.33	0.0034	P	8.1

$$y = 0.0014 * x + 1.7100E-005$$

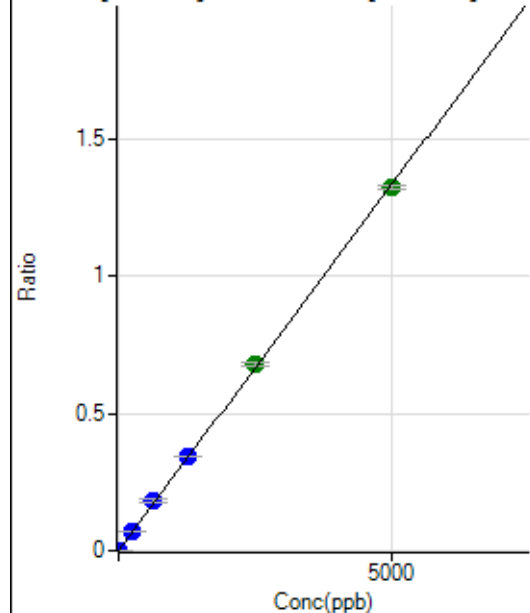
$$R = 0.9999$$

$$DL = 0.004696$$

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	47.22	0.0000	P	27.2
2	☐	10.000	10.258	6298.86	0.0028	P	5.2
3	☐	250.000	262.790	164475.92	0.0700	P	0.6
4	☐	625.000	680.613	409902.40	0.1812	P	5.8
5	☐	1250.000	1290.038	820026.29	0.3434	P	1.4
6	☐	2500.000	2549.641	1681422.10	0.6788	A	1.7
7	☐	5000.000	4957.579	3274710.95	1.3198	A	1.2
8	☐			11494.09	0.0049	P	4.0

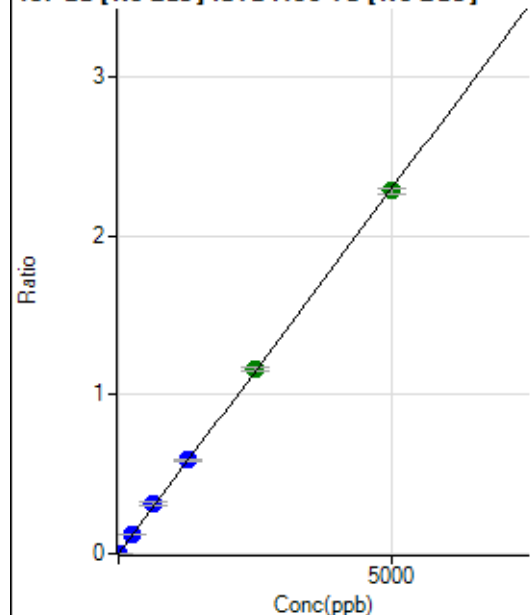
$$y = 2.6621E-004 * x + 2.0773E-005$$

$$R = 0.9998$$

$$DL = 0.06373$$

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	44.45	0.0000	P	28.5
2	☐	10.000	10.424	11010.36	0.0048	P	2.0
3	☐	250.000	261.453	282444.70	0.1202	P	1.3
4	☐	625.000	676.921	703465.85	0.3111	P	6.8
5	☐	1250.000	1282.471	1407345.83	0.5894	P	0.9
6	☐	2500.000	2528.238	2877794.85	1.1619	A	1.2
7	☐	5000.000	4970.700	5667973.96	2.2843	A	1.3
8	☐			19472.71	0.0083	P	4.7

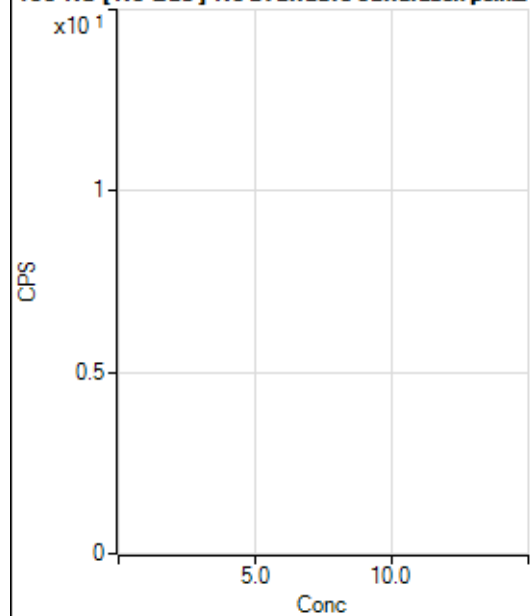
$$y = 4.5956E-004 * x + 1.9537E-005$$

$$R = 0.9999$$

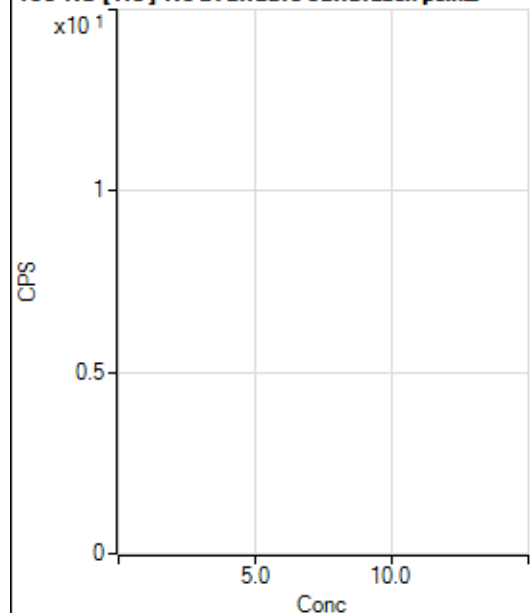
$$DL = 0.03631$$

Weight: <None>

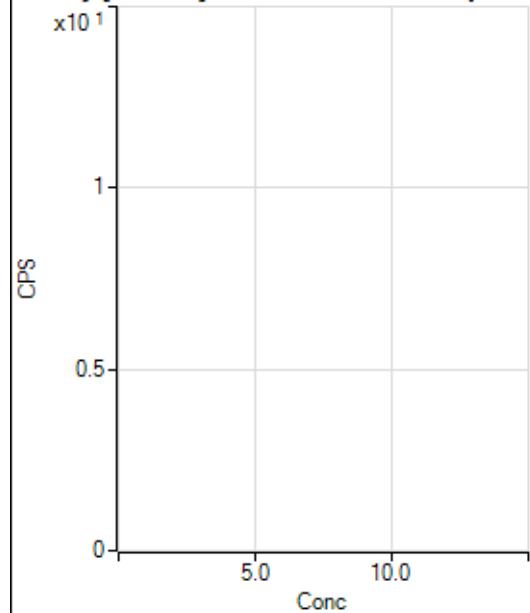
Min Conc: 0

150 Nd [No Gas] No available calibration points

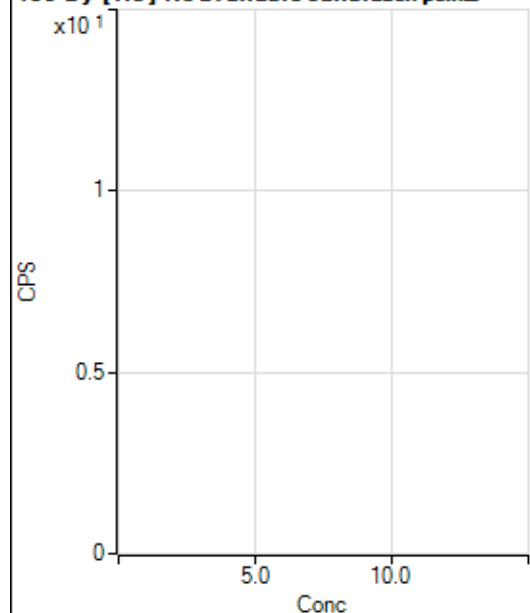
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	0.0
2	☐			6.67		P	0.0
3	☐			13.33		P	50.0
4	☐			17.78		P	86.6
5	☐			31.11		P	68.9
6	☐			60.00		P	19.2
7	☐			104.45		P	13.3
8	☐			37.78		P	56.7

150 Nd [He] No available calibration points

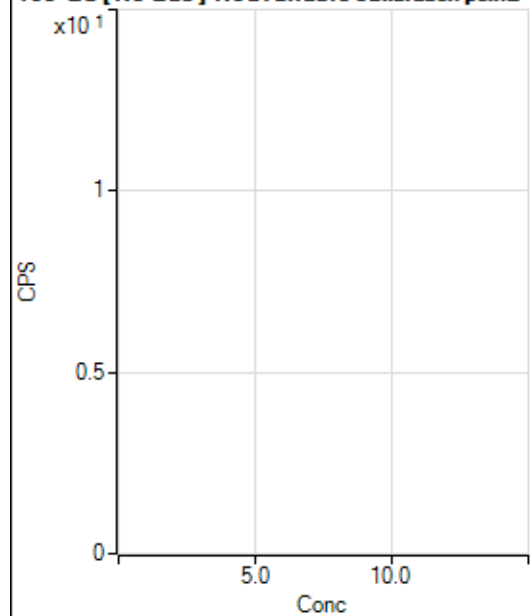
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	86.6
4	☐			3.33		P	100.
5	☐			3.33		P	100.
6	☐			8.89		P	43.3
7	☐			7.78		P	89.2
8	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

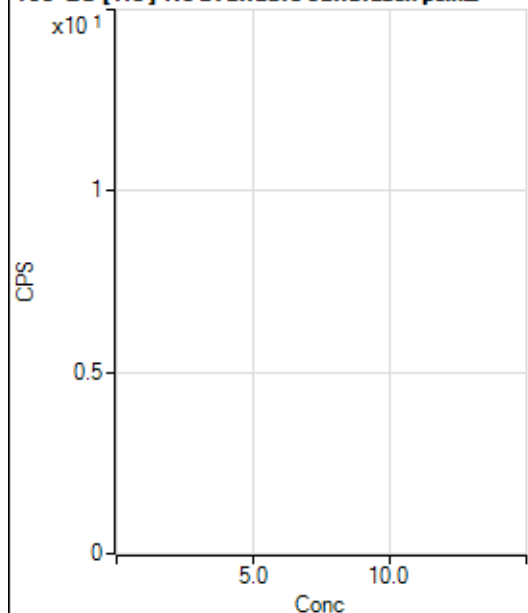
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			5.55		P	86.6
3	☐			5.56		P	173.
4	☐			8.33		P	0.0
5	☐			19.44		P	89.2
6	☐			69.45		P	54.1
7	☐			66.67		P	0.0
8	☐			150.00		P	14.7

156 Dy [He] No available calibration points

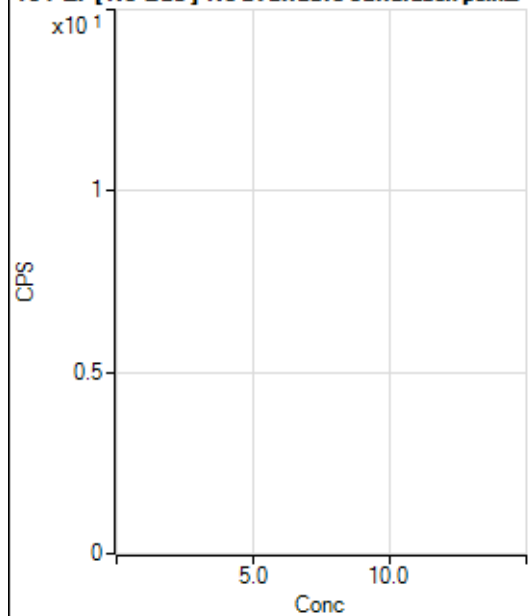
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			1.11		P	173.
4	☐			4.44		P	43.4
5	☐			11.11		P	62.5
6	☐			13.33		P	50.0
7	☐			38.89		P	21.6
8	☐			91.11		P	7.6

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

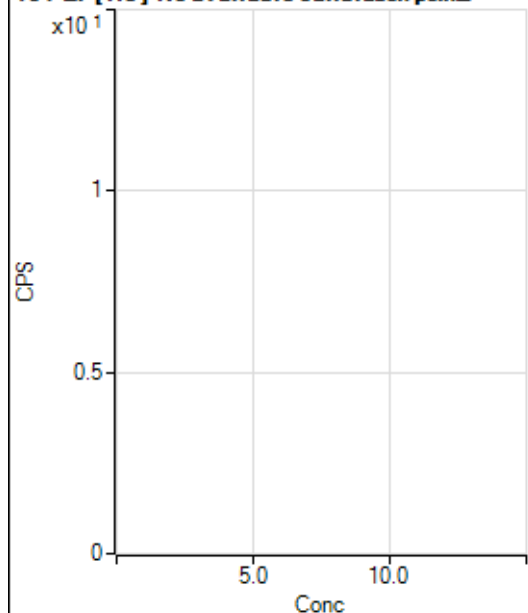
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			13.89		P	34.7
3	☐			25.00		P	66.7
4	☐			30.55		P	15.7
5	☐			52.78		P	50.8
6	☐			41.67		P	72.1
7	☐			61.11		P	43.8
8	☐			213.90		P	19.6

160 Gd [He] No available calibration points

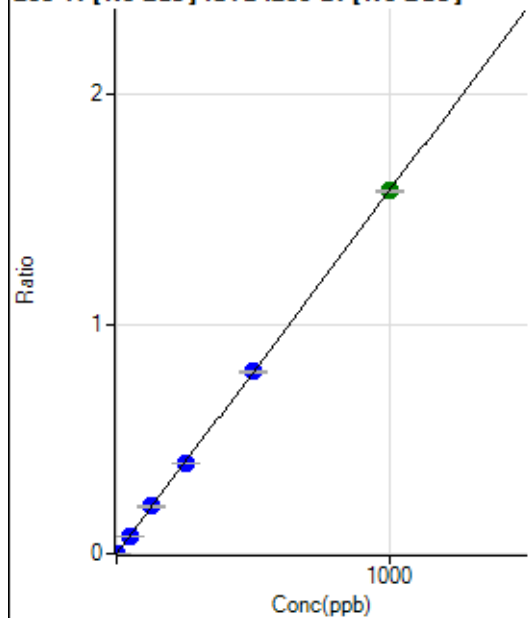
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	12.4
2	☐			8.89		P	57.3
3	☐			5.55		P	69.3
4	☐			8.89		P	108.
5	☐			13.33		P	50.0
6	☐			22.22		P	31.2
7	☐			33.33		P	70.0
8	☐			87.78		P	26.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	173.
3	☐			16.66		P	86.6
4	☐			25.00		P	66.7
5	☐			11.11		P	43.3
6	☐			30.55		P	15.7
7	☐			16.67		P	50.0
8	☐			30.56		P	31.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			5.56		P	91.6
3	☐			4.44		P	43.4
4	☐			7.78		P	89.2
5	☐			4.45		P	86.6
6	☐			5.55		P	124.
7	☐			8.89		P	57.3
8	☐			13.33		P	66.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.12	0.0001	P	39.7
2	☐	1.000	0.968	2116.91	0.0016	P	4.9
3	☐	50.000	49.960	107882.39	0.0791	P	0.5
4	☐	125.000	129.975	269331.66	0.2056	P	6.0
5	☐	250.000	248.577	544128.05	0.3932	P	1.2
6	☐	500.000	500.715	1134191.74	0.7920	P	0.6
7	☐	1000.000	999.378	2235725.03	1.5806	A	0.5
8	☐			4648.17	0.0036	P	4.7

$$y = 0.0016 * x + 6.4861E-005$$

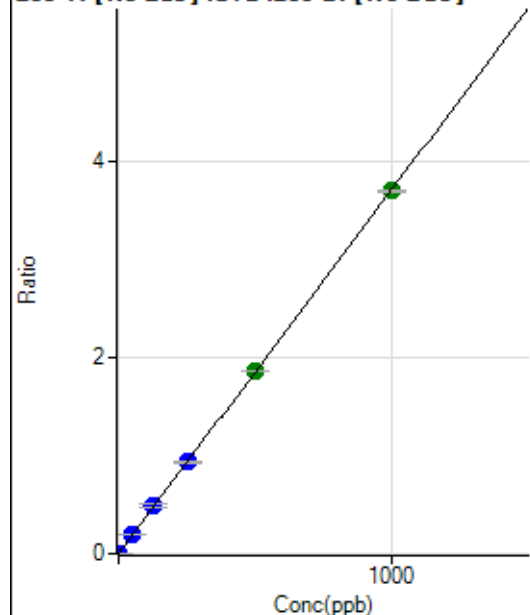
$$R = 1.0000$$

$$DL = 0.0489$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0001	P	15.8
2	☐	1.000	0.946	4789.91	0.0036	P	4.6
3	☐	50.000	50.850	257125.14	0.1885	P	1.7
4	☐	125.000	132.003	640788.69	0.4891	P	5.5
5	☐	250.000	252.221	1293151.34	0.9345	P	1.4
6	☐	500.000	501.905	2662775.51	1.8594	A	0.4
7	☐	1000.000	997.574	5227457.58	3.6956	A	0.2
8	☐			10510.07	0.0080	P	4.6

$$y = 0.0037 * x + 1.0687E-004$$

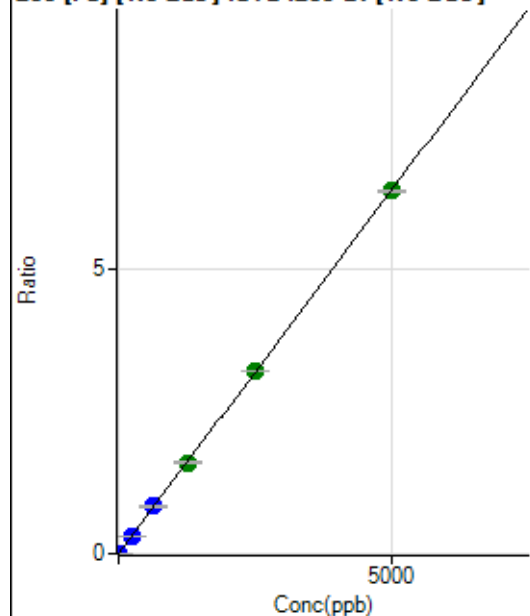
$$R = 1.0000$$

$$DL = 0.01367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	340.75	0.0003	P	15.4
2	☐	1.000	0.973	1989.07	0.0015	P	2.1
3	☐	250.000	250.438	436662.72	0.3201	P	0.3
4	☐	625.000	649.378	1086507.79	0.8295	P	6.0
5	☐	1250.000	1255.424	2218770.26	1.6034	A	2.7
6	☐	2500.000	2507.243	4585313.18	3.2020	A	0.3
7	☐	5000.000	4991.953	9017374.39	6.3750	A	0.7
8	☐			23232.23	0.0178	P	2.4

$$y = 0.0013 * x + 2.5704E-004$$

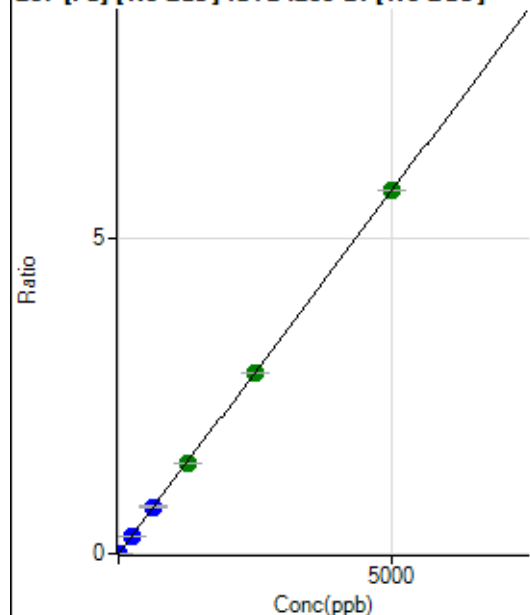
$$R = 1.0000$$

$$DL = 0.09271$$

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	357.42	0.0003	P	15.2
2	☐	1.000	0.974	1846.47	0.0014	P	3.3
3	☐	250.000	249.307	392427.62	0.2877	P	1.0
4	☐	625.000	648.239	979373.66	0.7475	P	5.3
5	☐	1250.000	1246.037	1988096.02	1.4366	A	1.8
6	☐	2500.000	2495.961	4120713.55	2.8775	A	0.4
7	☐	5000.000	5000.140	8153311.35	5.7641	A	0.1
8	☐			20609.29	0.0158	P	2.3

$$y = 0.0012 * x + 2.6968E-004$$

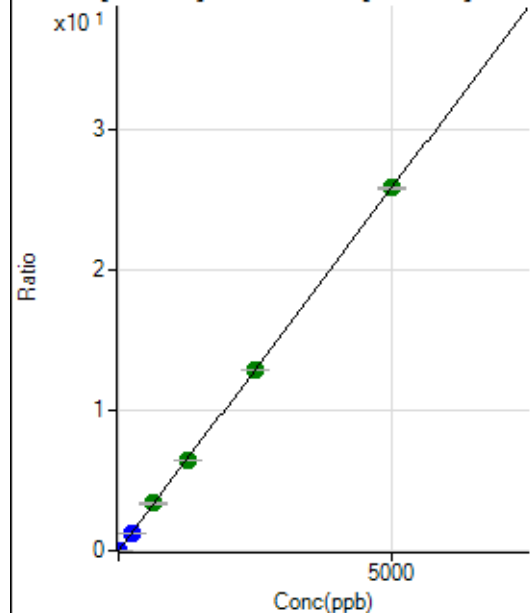
$$R = 1.0000$$

$$DL = 0.1067$$

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	1537.11	0.0012	P	8.8
2	☐	1.000	0.984	8280.85	0.0062	P	1.0
3	☐	250.000	249.932	1763652.50	1.2928	P	0.3
4	☐	625.000	656.662	4447630.81	3.3947	A	5.2
5	☐	1250.000	1246.620	8916721.60	6.4434	A	1.5
6	☐	2500.000	2488.072	18416060.62	12.8590	A	0.6
7	☐	5000.000	5002.855	36571610.95	25.8549	A	0.2
8	☐			94126.24	0.0720	P	1.8

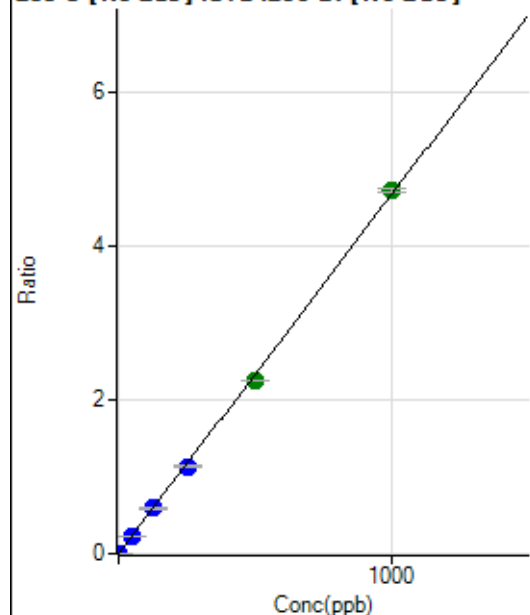
$$y = 0.0052 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.05895$$

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	5.55	0.0000	P	86.6
2	☐	1.000	0.991	6132.21	0.0046	P	5.1
3	☐	50.000	48.497	308443.90	0.2261	P	0.9
4	☐	125.000	125.984	769328.29	0.5873	P	5.8
5	☐	250.000	242.394	1563674.88	1.1300	P	1.9
6	☐	500.000	482.617	3221725.12	2.2498	A	0.2
7	☐	1000.000	1010.545	6663372.68	4.7109	A	1.2
8	☐			11455.51	0.0088	P	2.4

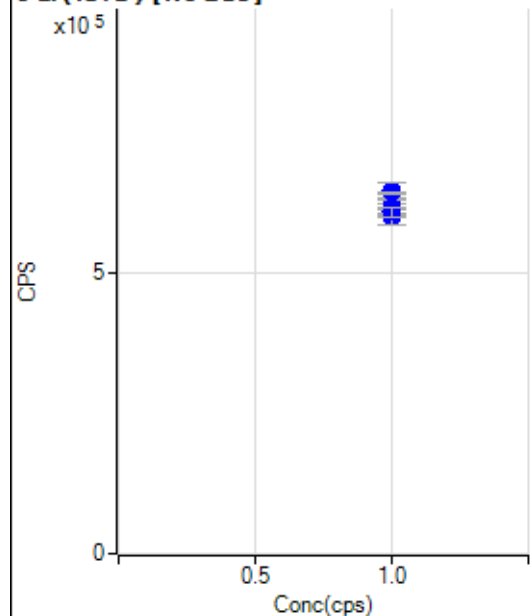
$$y = 0.0047 * x + 4.1815E-006$$

$$R = 0.9997$$

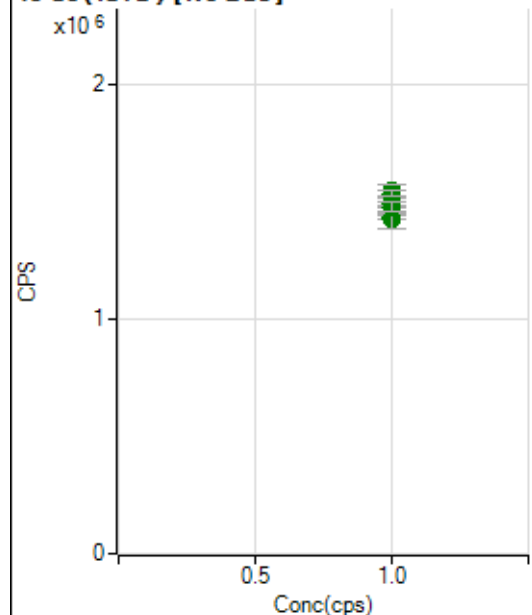
$$DL = 0.00233$$

Weight: <None>

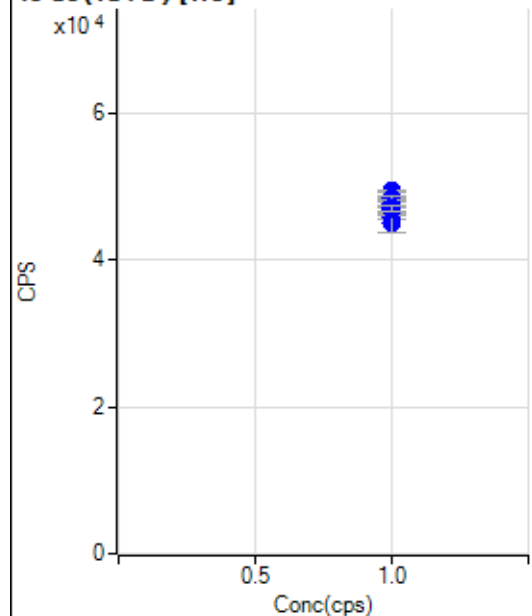
Min Conc: 0

6 Li (ISTD) [No Gas]

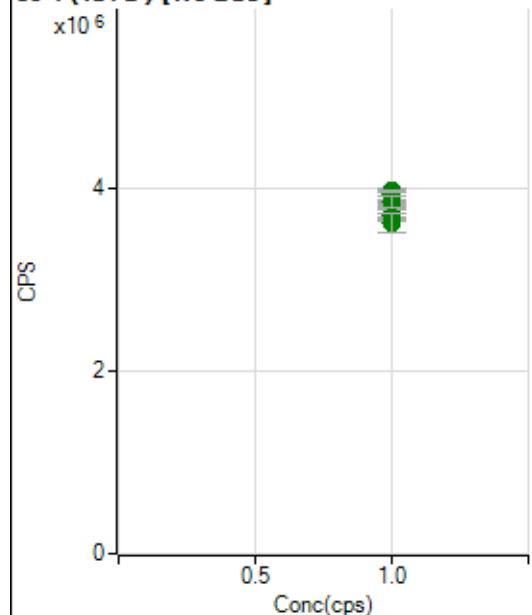
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		604538.25		P	0.8
2	☐	1.000		603298.71		P	0.1
3	☐	1.000		622688.36		P	0.5
4	☐	1.000		598660.99		P	4.3
5	☐	1.000		629090.52		P	0.3
6	☐	1.000		645535.98		P	4.1
7	☐	1.000		642009.37		P	0.7
8	☐	1.000		607578.41		P	2.6

45 Sc (ISTD) [No Gas]

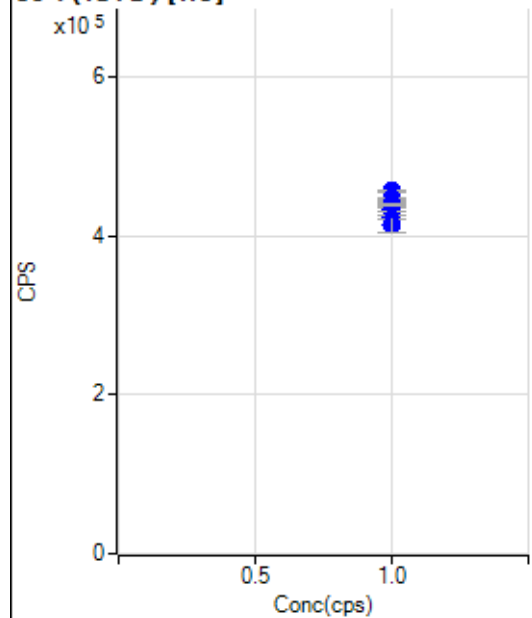
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1430414.89		A	1.3
2	☐	1.000		1435653.97		A	1.3
3	☐	1.000		1482133.99		A	1.5
4	☐	1.000		1422188.26		A	5.3
5	☐	1.000		1486820.43		A	1.1
6	☐	1.000		1543964.75		A	3.6
7	☐	1.000		1533910.99		A	1.2
8	☐	1.000		1476747.18		A	2.9

45 Sc (ISTD) [He]

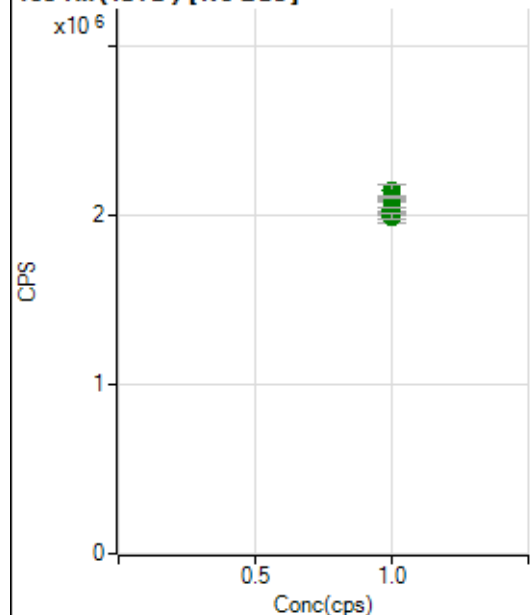
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		45753.68		P	1.0
2	☐	1.000		45052.04		P	5.9
3	☐	1.000		47623.01		P	1.0
4	☐	1.000		48240.66		P	0.8
5	☐	1.000		46735.75		P	1.0
6	☐	1.000		49334.35		P	0.3
7	☐	1.000		48393.41		P	1.3
8	☐	1.000		47004.32		P	1.6

89 Y (ISTD) [No Gas]

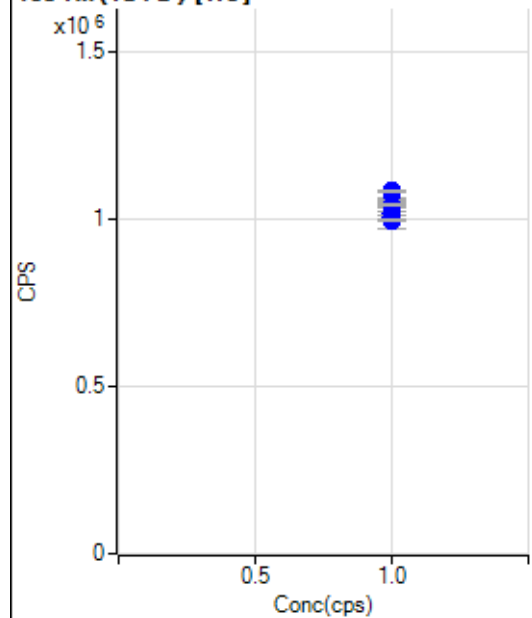
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3715379.18		A	0.8
2	☐	1.000		3667841.99		A	0.5
3	☐	1.000		3802564.42		A	0.9
4	☐	1.000		3626825.50		A	5.5
5	☐	1.000		3860662.44		A	1.0
6	☐	1.000		3939740.32		A	3.8
7	☐	1.000		3980407.82		A	0.7
8	☐	1.000		3856028.07		A	3.1

89 Y (ISTD) [He]

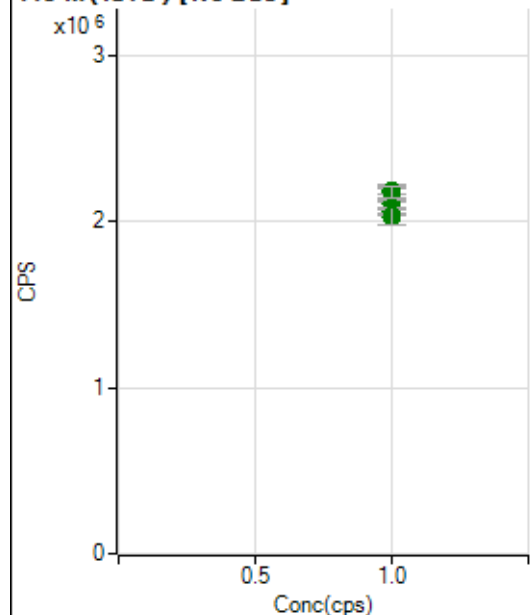
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		423433.44		P	0.8
2	☐	1.000		414388.38		P	5.3
3	☐	1.000		439173.15		P	0.9
4	☐	1.000		439616.90		P	1.0
5	☐	1.000		432870.37		P	0.8
6	☐	1.000		456125.33		P	0.6
7	☐	1.000		446171.53		P	0.5
8	☐	1.000		439222.90		P	0.3

103 Rh (ISTD) [No Gas]

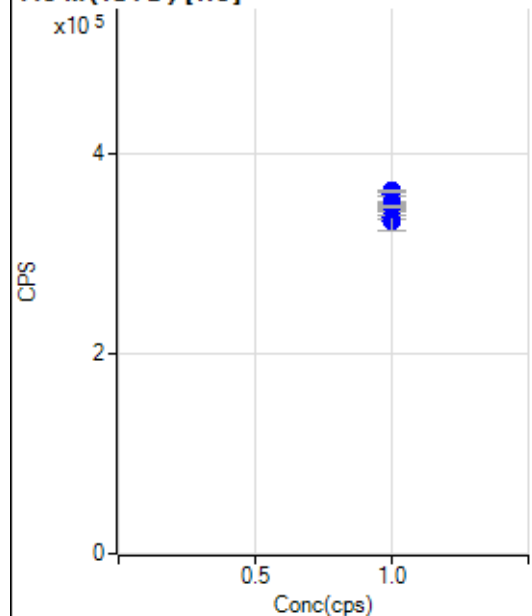
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2033577.87		A	1.0
2	☐	1.000		2024432.08		A	1.9
3	☐	1.000		2084639.78		A	0.8
4	☐	1.000		1999157.84		A	4.8
5	☐	1.000		2100805.80		A	1.6
6	☐	1.000		2145786.94		A	3.9
7	☐	1.000		2107035.38		A	0.7
8	☐	1.000		1991540.28		A	1.6

103 Rh (ISTD) [He]

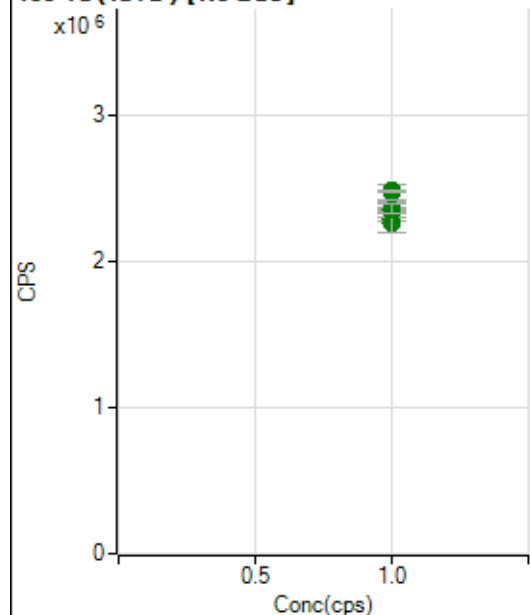
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1020012.93		P	1.0
2	☐	1.000		1005102.84		P	6.1
3	☐	1.000		1059370.41		P	1.1
4	☐	1.000		1053229.36		P	0.5
5	☐	1.000		1037292.47		P	0.4
6	☐	1.000		1085027.92		P	0.8
7	☐	1.000		1043475.54		P	0.8
8	☐	1.000		996367.61		P	0.6

115 In (ISTD) [No Gas]

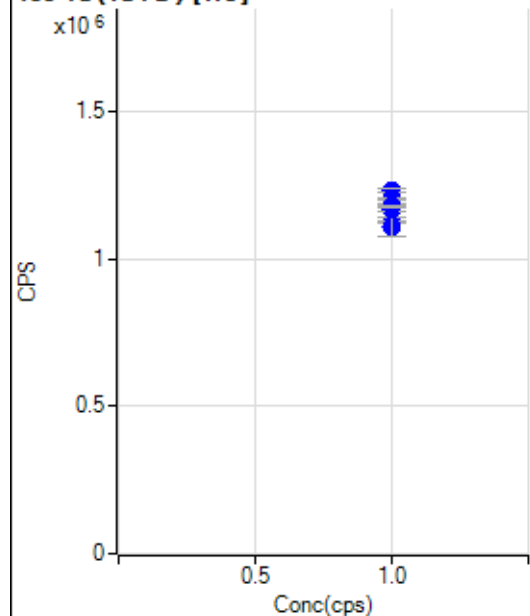
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2057387.27		A	1.1
2	☐	1.000		2043425.75		A	0.4
3	☐	1.000		2102645.17		A	1.4
4	☐	1.000		2030503.65		A	5.3
5	☐	1.000		2135437.63		A	0.6
6	☐	1.000		2184947.28		A	3.8
7	☐	1.000		2183217.42		A	2.0
8	☐	1.000		2180174.71		A	3.1

115 In (ISTD) [He]

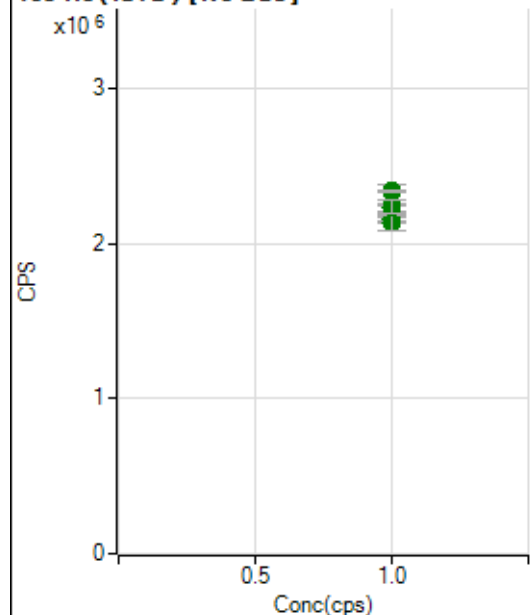
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		336502.07		P	0.9
2	☐	1.000		332742.08		P	5.8
3	☐	1.000		350037.66		P	0.8
4	☐	1.000		350137.14		P	0.4
5	☐	1.000		343491.93		P	0.8
6	☐	1.000		359323.86		P	1.1
7	☐	1.000		347400.33		P	0.8
8	☐	1.000		362891.05		P	0.2

159 Tb (ISTD) [No Gas]

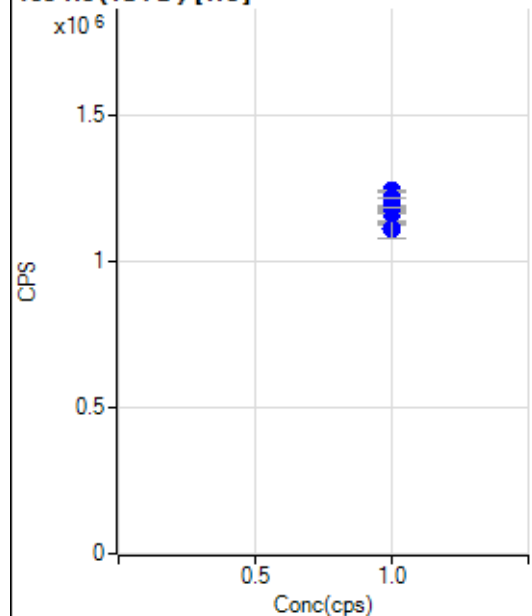
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2274455.75		A	0.3
2	☐	1.000		2288666.49		A	1.1
3	☐	1.000		2350478.51		A	0.8
4	☐	1.000		2267041.06		A	5.7
5	☐	1.000		2387966.86		A	1.3
6	☐	1.000		2476042.05		A	4.3
7	☐	1.000		2481338.23		A	0.8
8	☐	1.000		2359599.03		A	2.8

159 Tb (ISTD) [He]

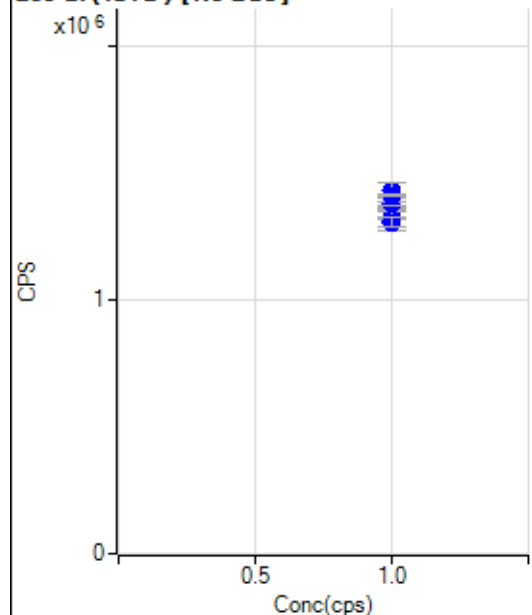
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1125130.20		P	0.4
2	☐	1.000		1110258.65		P	5.7
3	☐	1.000		1171776.80		P	1.3
4	☐	1.000		1182463.42		P	0.8
5	☐	1.000		1168394.45		P	0.8
6	☐	1.000		1230683.44		P	0.9
7	☐	1.000		1204383.01		P	0.3
8	☐	1.000		1177718.02		P	0.5

165 Ho (ISTD) [No Gas]

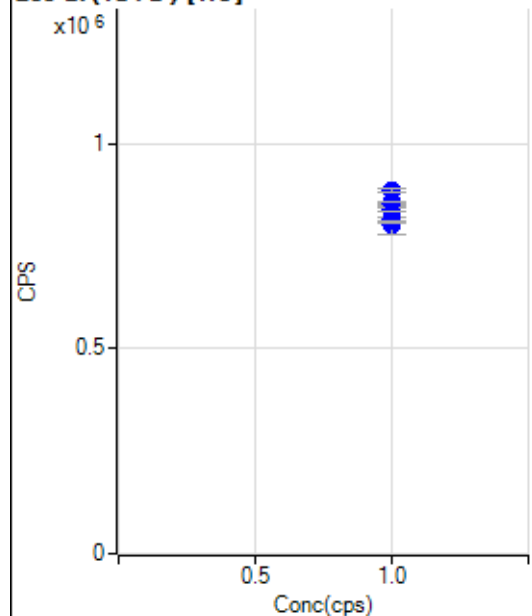
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2140684.03		A	0.6
2	☐	1.000		2159618.86		A	1.2
3	☐	1.000		2199241.35		A	0.4
4	☐	1.000		2136909.84		A	4.7
5	☐	1.000		2255662.09		A	0.6
6	☐	1.000		2330064.96		A	4.0
7	☐	1.000		2339920.52		A	0.4
8	☐	1.000		2235918.78		A	4.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1129382.25		P	0.9
2	☐	1.000		1110845.30		P	5.3
3	☐	1.000		1184087.28		P	1.1
4	☐	1.000		1186531.63		P	1.0
5	☐	1.000		1167617.01		P	0.5
6	☐	1.000		1242883.65		P	0.6
7	☐	1.000		1219481.54		P	0.4
8	☐	1.000		1185216.31		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1325945.82		P	0.5
2	☐	1.000		1326452.10		P	0.4
3	☐	1.000		1364268.30		P	0.5
4	☐	1.000		1312641.08		P	5.4
5	☐	1.000		1384000.17		P	1.1
6	☐	1.000		1431910.94		P	4.4
7	☐	1.000		1414498.09		P	0.4
8	☐	1.000		1307758.58		P	2.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		812921.60		P	1.3
2	☐	1.000		799230.10		P	5.5
3	☐	1.000		850318.76		P	0.5
4	☐	1.000		851904.84		P	1.4
5	☐	1.000		838299.43		P	1.0
6	☐	1.000		883739.62		P	1.2
7	☐	1.000		857038.38		P	0.5
8	☐	1.000		808662.92		P	0.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8050520MS.b
Acq. Date-Time 2020-05-05 12:51:50
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		3754	37536.25			1.191	5.000
24		47146	471461.99			0.963	5.000
25		6421	64212.28			1.305	5.000
26		7543	75425.47			1.130	5.000
59		25881	258807.77			0.880	5.000
113		4143	41425.29			1.372	5.000
115		13034	130339.08			1.664	5.000
206		4598	45984.61			1.375	5.000
207		3820	38202.94			1.597	5.000
208		9398	93983.91			2.255	5.000
220		0	4.80			43.948	

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

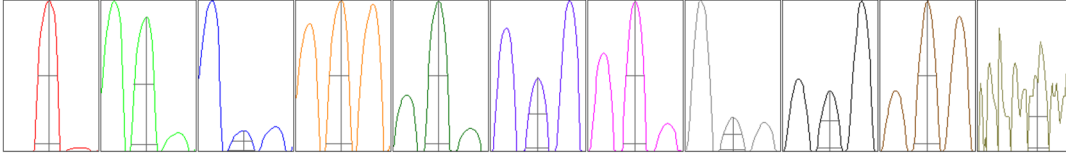
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3692	3798	3763	3726	3790
24	46421	47604	47341	47338	47027
25	6316	6452	6384	6542	6412
26	7391	7581	7589	7565	7587
59	25490	25983	25879	26056	25996
113	4091	4199	4177	4173	4073
115	13187	13263	13055	12955	12709
206	4505	4588	4625	4679	4594
207	3716	3830	3855	3871	3829
208	9054	9354	9555	9578	9450

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6266.46	8.95	8.90 - 9.10	
24	79986.89	23.95	23.90 - 24.10	
25	10678.57	24.95	24.90 - 25.10	
26	12603.10	25.95	25.90 - 26.10	
59	45375.70	58.95	58.90 - 59.10	
113	7874.92	113.00	112.90 - 113.10	
115	24542.49	115.00	114.90 - 115.10	
206	8423.57	206.05	205.90 - 206.10	
207	7063.74	207.00	206.90 - 207.10	
208	17650.56	208.00	207.90 - 208.10	
220	0.50	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.786	0.900	
24	0.63	0.822	0.900	
25	0.64	0.830	0.900	
26	0.63	0.823	0.900	
59	0.60	0.780	0.900	
113	0.56	0.732	0.900	
115	0.55	0.734	0.900	
206	0.58	0.798	0.900	
207	0.57	0.780	0.900	
208	0.56	0.812	0.900	
220	0.58	0.643		

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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.5 V	Deflect	13.4 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-115 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	160 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.0 mm
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EM

Discriminator	4.0 mV	Analog HV	2169 V	Pulse HV	1203 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6182	61820.28			1.061	
89		12697	126972.31			0.998	
205		13470	134695.57			0.987	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6092	6211	6238	6133	6235
89	12521	12731	12789	12617	12828
205	13312	13536	13587	13339	13573

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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.5 V	Deflect	3.8 V
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US EPA Tune Check Report

Extract 2	-230.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-115 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	0.9995	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	0.3 mm	Torch V	0.0 mm		
EM					
Discriminator	4.0 mV	Analog HV	2169 V	Pulse HV	1203 V

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:17:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.41	0.37	1.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.23	-0.26	0.49	0.00	N/A	ppb
Boron	11-1	0.43	0.03	-0.45	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	0.03	0.07	0.00	N/A	ppb
Cadmium	106-1	-1.40	0.50	0.90	0.00	N/A	ppb
Cadmium	108-1	0.22	-0.11	-0.11	0.00	N/A	ppb
Calcium	43-1	17.65	-11.46	-6.19	0.00	N/A	ppb
Calcium	44-1	-0.73	3.83	-3.10	0.00	N/A	ppb
Chromium	52-2	0.03	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	1.22	-0.62	-0.60	0.00	N/A	ppb
Iron	56-2	-0.04	0.29	-0.25	0.00	N/A	ppb
Iron	57-2	-2.01	1.06	0.95	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Lead	207-1	-0.04	0.04	0.00	0.00	N/A	ppb
Lead	208-1	-0.02	0.02	0.00	0.00	N/A	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:17:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.57	-0.13	0.69	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-11.47	-84.20	-10.46	-35.38		ppb
Potassium	39-2	1.86	7.29	-9.15	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.37	0.23	-0.61	0.00	N/A	ppb
Selenium	77-2	1.55	-0.78	-0.78	0.00	N/A	ppb
Selenium	78-2	-2.10	1.19	0.90	0.00	N/A	ppb
Silicon	28-1	2.59	-1.48	-1.11	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	0.60	-0.42	-0.19	0.00	N/A	ppb
Strontium	86-1	0.03	0.03	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	1404.94	9.63	-1216.47	66.03	1986.33	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	-0.01	-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	0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.09	0.00	0.09	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	0.02	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:17:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.24	-0.23	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:20:15	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.62	20.45	21.21	20.42	3.90	ppb
Antimony	121-1	2.04	2.17	1.92	2.04	6.07	ppb
Arsenic	75-2	1.03	1.03	1.04	1.03	0.31	ppb
Barium	135-1	10.87	9.89	10.02	10.26	5.22	ppb
Barium	137-1	10.59	10.19	10.49	10.42	2.04	ppb
Beryllium	9-1	0.96	0.99	0.97	0.97	1.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	18.32	21.38	22.58	20.76	10.56	ppb
Boron	11-1	18.10	20.22	23.31	20.55	12.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.99	1.10	0.92	1.00	9.17	ppb
Cadmium	106-1	0.02	1.47	0.64	0.71	102.88	ppb
Cadmium	108-1	0.93	1.20	0.85	0.99	18.22	ppb
Calcium	43-1	479.59	532.98	537.90	516.82	6.26	ppb
Calcium	44-1	518.79	555.38	560.84	545.00	4.20	ppb
Chromium	52-2	2.01	2.24	1.95	2.07	7.62	ppb
Cobalt	59-2	1.04	1.11	0.93	1.03	9.17	ppb
Copper	63-2	2.08	2.33	2.08	2.16	6.72	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				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	56.07	68.54	58.89	61.17	10.69	ppb
Iron	56-2	56.17	64.05	56.83	59.02	7.41	ppb
Iron	57-2	60.36	59.22	62.56	60.71	2.80	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.96	1.00	0.97	2.54	ppb
Lead	207-1	0.93	0.99	1.01	0.97	4.15	ppb
Lead	208-1	0.97	0.99	0.99	0.98	1.28	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:20:15	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	548.61	595.88	557.16	567.21	4.44	ppb
Manganese	55-2	0.89	1.02	0.98	0.96	7.11	ppb
Molybdenum	94-1	5.69	5.12	5.25	5.35	5.62	ppb
Molybdenum	95-1	5.15	5.45	5.71	5.44	5.15	ppb
Molybdenum	96-1	5.52	5.57	5.31	5.47	2.55	ppb
Molybdenum	97-1	5.42	5.17	4.92	5.17	4.79	ppb
Molybdenum	98-1	5.14	5.22	5.26	5.21	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.26	1.24	1.28	4.19	ppb
Phosphorus	31-2	-15.81	36.99	84.95	35.38	142.46	ppb
Potassium	39-2	575.72	649.22	534.17	586.37	9.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	5.62	7.37	6.26	6.42	13.80	ppb
Selenium	77-2	10.88	4.26	6.03	7.05	48.64	ppb
Selenium	78-2	7.01	4.02	8.26	6.43	33.92	ppb
Silicon	28-1	4.70	10.96	9.55	8.40	39.08	ppb
Silver	109-1	1.01	1.02	0.98	1.01	2.20	ppb
Silver	107-1	0.90	1.11	1.14	1.05	12.26	ppb
Sodium	23-2	565.28	635.13	543.77	581.40	8.22	ppb
Strontium	86-1	1.15	1.12	1.38	1.22	11.51	ppb
Strontium	88-1	0.99	1.02	0.99	1.00	1.89	ppb
Sulfur	34-1	-873.04	502.72	172.22	-66.03		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.93	0.95	1.02	0.97	5.10	ppb
Thallium	205-1	0.90	0.95	0.99	0.95	4.76	ppb
Tin	118-1	5.18	5.20	5.23	5.20	0.54	ppb
Titanium	47-1	4.68	5.07	5.27	5.01	6.02	ppb
Uranium	238-1	0.94	0.98	1.04	0.99	5.12	ppb
Vanadium	51-2	5.41	5.51	5.06	5.33	4.44	ppb
Yttrium	89-1				99		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:20:15	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	2.30	2.77	1.86	2.31	19.60	ppb
Zirconium	90-1	0.95	0.96	0.90	0.94	3.36	ppb
Zirconium	91-1	0.84	0.94	0.87	0.88	5.43	ppb

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 13:26:35 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1065.19	1041.03	1065.96	1057.39	1.34	ppb
Antimony	121-1	51.28	51.81	52.44	51.84	1.12	ppb
Arsenic	75-2	50.81	51.62	49.57	50.67	2.04	ppb
Barium	135-1	261.23	262.54	264.60	262.79	0.65	ppb
Barium	137-1	258.81	260.39	265.16	261.45	1.26	ppb
Beryllium	9-1	51.24	51.28	51.39	51.30	0.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	41.07	50.52	53.82	48.47	13.65	ppb
Boron	11-1	43.49	49.96	54.32	49.26	11.07	ppb
Bromine	81-1						cps
Cadmium	111-1	52.20	51.81	52.52	52.18	0.68	ppb
Cadmium	106-1	47.80	51.04	54.61	51.15	6.65	ppb
Cadmium	108-1	50.41	53.83	53.46	52.56	3.57	ppb
Calcium	43-1	5436.27	5693.07	5583.71	5571.02	2.31	ppb
Calcium	44-1	5483.42	5734.05	5579.91	5599.13	2.26	ppb
Chromium	52-2	51.36	51.31	52.60	51.76	1.41	ppb
Cobalt	59-2	52.24	51.61	52.22	52.02	0.69	ppb
Copper	63-2	526.44	521.99	528.21	525.55	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	2794.77	2796.28	2819.52	2803.52	0.49	ppb
Iron	56-2	2774.43	2722.29	2806.65	2767.79	1.54	ppb
Iron	57-2	2706.33	2788.83	2773.02	2756.06	1.59	ppb
Krypton	83-1						cps
Lead	206-1	249.71	250.90	250.71	250.44	0.25	ppb
Lead	207-1	251.37	249.88	246.67	249.31	0.96	ppb
Lead	208-1	250.57	250.26	248.97	249.93	0.34	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:26:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	5538.83	5625.83	5747.68	5637.45	1.86	ppb
Manganese	55-2	518.80	509.13	525.61	517.85	1.60	ppb
Molybdenum	94-1	253.93	257.41	260.55	257.30	1.29	ppb
Molybdenum	95-1	260.74	259.14	265.05	261.64	1.17	ppb
Molybdenum	96-1	256.15	257.84	262.05	258.68	1.18	ppb
Molybdenum	97-1	253.35	253.78	261.58	256.23	1.81	ppb
Molybdenum	98-1	258.84	260.13	262.80	260.59	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.48	51.36	52.72	52.19	1.39	ppb
Phosphorus	31-2	1164.46	1112.60	1028.74	1101.93	6.21	ppb
Potassium	39-2	2822.51	2741.28	2769.96	2777.92	1.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	50.55	52.44	50.23	51.07	2.34	ppb
Selenium	77-2	58.94	55.45	41.74	52.04	17.46	ppb
Selenium	78-2	52.87	51.27	54.76	52.96	3.30	ppb
Silicon	28-1	42.20	53.50	49.11	48.27	11.80	ppb
Silver	109-1	52.24	51.80	52.48	52.17	0.66	ppb
Silver	107-1	52.45	52.29	52.60	52.45	0.30	ppb
Sodium	23-2	5773.84	5810.70	5792.90	5792.48	0.32	ppb
Strontium	86-1	52.32	51.35	52.74	52.14	1.37	ppb
Strontium	88-1	52.69	52.49	53.06	52.75	0.55	ppb
Sulfur	34-1	-1161.16	610.03	-525.74	-358.96		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	49.79	50.22	49.87	49.96	0.46	ppb
Thallium	205-1	51.83	50.20	50.53	50.85	1.69	ppb
Tin	118-1	51.17	51.20	51.42	51.26	0.27	ppb
Titanium	47-1	248.40	257.53	252.85	252.93	1.81	ppb
Uranium	238-1	48.06	48.88	48.56	48.50	0.85	ppb
Vanadium	51-2	51.21	51.04	51.81	51.35	0.79	ppb
Yttrium	89-1				102		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:26:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	525.91	514.38	522.47	520.92	1.14	ppb
Zirconium	90-1	51.69	51.57	51.80	51.69	0.22	ppb
Zirconium	91-1	50.16	51.06	50.89	50.70	0.94	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:29:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2566.60	2606.58	2615.32	2596.17	1.00	ppb
Antimony	121-1	127.20	141.10	133.95	134.08	5.18	ppb
Arsenic	75-2	125.46	126.30	127.01	126.26	0.61	ppb
Barium	135-1	645.05	722.95	673.84	680.61	5.79	ppb
Barium	137-1	634.81	726.33	669.62	676.92	6.82	ppb
Beryllium	9-1	126.75	137.15	132.85	132.25	3.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Boron	10-1	108.59	127.75	137.88	124.74	11.92	ppb
Boron	11-1	107.95	135.03	140.01	127.66	13.52	ppb
Bromine	81-1						cps
Cadmium	111-1	128.53	143.04	132.48	134.69	5.57	ppb
Cadmium	106-1	136.30	142.20	128.85	135.78	4.93	ppb
Cadmium	108-1	131.73	141.50	135.00	136.08	3.65	ppb
Calcium	43-1	13673.58	14736.11	14155.55	14188.41	3.75	ppb
Calcium	44-1	13425.76	15031.73	14248.56	14235.35	5.64	ppb
Chromium	52-2	123.91	125.69	125.83	125.14	0.85	ppb
Cobalt	59-2	125.84	127.38	128.43	127.22	1.02	ppb
Copper	63-2	1262.80	1292.07	1273.21	1276.03	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	6781.88	6969.31	6834.70	6861.96	1.41	ppb
Iron	56-2	6679.48	6789.85	6713.11	6727.48	0.84	ppb
Iron	57-2	6660.01	6795.14	6695.81	6716.98	1.04	ppb
Krypton	83-1						cps
Lead	206-1	612.07	690.40	645.67	649.38	6.05	ppb
Lead	207-1	614.91	683.23	646.58	648.24	5.27	ppb
Lead	208-1	623.92	692.48	653.59	656.66	5.24	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:29:44	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	13678.28	13794.52	13899.94	13790.91	0.80	ppb
Manganese	55-2	1248.61	1265.68	1263.59	1259.29	0.74	ppb
Molybdenum	94-1	638.40	705.44	686.84	676.90	5.11	ppb
Molybdenum	95-1	639.17	710.95	680.05	676.72	5.32	ppb
Molybdenum	96-1	630.96	707.82	676.32	671.70	5.75	ppb
Molybdenum	97-1	622.79	699.93	669.46	664.06	5.85	ppb
Molybdenum	98-1	625.31	702.18	685.46	670.98	6.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.51	127.29	127.90	127.57	0.24	ppb
Phosphorus	31-2	2417.95	2601.73	2343.72	2454.46	5.41	ppb
Potassium	39-2	6777.88	6936.72	6851.44	6855.35	1.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	82-1	130.54	140.20	136.91	135.88	3.61	ppb
Selenium	77-2	121.62	116.48	161.51	133.20	18.50	ppb
Selenium	78-2	134.81	125.35	133.42	131.19	3.89	ppb
Silicon	28-1	133.90	186.65	163.61	161.39	16.38	ppb
Silver	109-1	126.86	142.97	135.24	135.02	5.97	ppb
Silver	107-1	128.04	143.14	135.86	135.68	5.56	ppb
Sodium	23-2	13747.71	13879.88	14061.03	13896.21	1.13	ppb
Strontium	86-1	125.68	139.85	132.58	132.70	5.34	ppb
Strontium	88-1	129.18	141.69	135.65	135.51	4.61	ppb
Sulfur	34-1	757.07	7528.39	2627.40	3637.62	96.13	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	121.84	137.42	130.66	129.97	6.01	ppb
Thallium	205-1	124.30	138.63	133.08	132.00	5.47	ppb
Tin	118-1	125.70	140.73	133.30	133.24	5.64	ppb
Titanium	47-1	621.60	690.10	642.97	651.56	5.38	ppb
Uranium	238-1	118.94	133.56	125.45	125.98	5.81	ppb
Vanadium	51-2	125.14	126.95	125.81	125.97	0.72	ppb
Yttrium	89-1				98		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:29:44	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1268.06	1268.63	1270.61	1269.10	0.11	ppb
Zirconium	90-1	127.11	140.72	135.14	134.33	5.09	ppb
Zirconium	91-1	124.75	138.85	132.95	132.18	5.36	ppb

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 13:32:51 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5216.37	5319.72	5227.56	5254.55	1.08	ppb
Antimony	121-1	257.95	252.18	260.02	256.71	1.58	ppb
Arsenic	75-2	251.00	252.98	252.56	252.18	0.41	ppb
Barium	135-1	1288.24	1273.23	1308.64	1290.04	1.38	ppb
Barium	137-1	1290.21	1269.06	1288.15	1282.47	0.91	ppb
Beryllium	9-1	252.62	249.63	251.34	251.20	0.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	215.37	243.74	265.03	241.38	10.32	ppb
Boron	11-1	213.05	241.77	264.76	239.86	10.80	ppb
Bromine	81-1						cps
Cadmium	111-1	256.78	250.16	262.02	256.32	2.32	ppb
Cadmium	106-1	261.58	238.25	259.90	253.24	5.14	ppb
Cadmium	108-1	249.64	248.50	254.17	250.77	1.20	ppb
Calcium	43-1	27223.08	27459.19	27976.64	27552.97	1.40	ppb
Calcium	44-1	27040.92	26998.38	27352.60	27130.63	0.71	ppb
Chromium	52-2	255.99	259.31	253.02	256.10	1.23	ppb
Cobalt	59-2	257.28	263.17	255.14	258.53	1.61	ppb
Copper	63-2	2584.57	2627.42	2588.61	2600.20	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	13835.26	14178.70	13792.71	13935.56	1.52	ppb
Iron	56-2	13597.52	13809.30	13643.25	13683.36	0.81	ppb
Iron	57-2	13707.47	13830.71	13381.16	13639.78	1.70	ppb
Krypton	83-1						cps
Lead	206-1	1216.69	1268.44	1281.15	1255.42	2.72	ppb
Lead	207-1	1243.87	1225.21	1269.03	1246.04	1.76	ppb
Lead	208-1	1229.76	1243.95	1266.15	1246.62	1.47	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:32:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	27969.53	28204.51	28139.98	28104.67	0.43	ppb
Manganese	55-2	2555.84	2617.34	2547.02	2573.40	1.49	ppb
Molybdenum	94-1	1249.64	1285.11	1260.12	1264.96	1.44	ppb
Molybdenum	95-1	1264.44	1286.31	1249.76	1266.83	1.45	ppb
Molybdenum	96-1	1260.72	1299.05	1257.30	1272.35	1.82	ppb
Molybdenum	97-1	1254.19	1275.77	1256.52	1262.16	0.94	ppb
Molybdenum	98-1	1255.22	1292.00	1245.35	1264.19	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.49	262.24	254.23	257.32	1.67	ppb
Phosphorus	31-2	5106.45	5161.33	5144.22	5137.34	0.55	ppb
Potassium	39-2	13924.73	14188.35	13911.22	14008.10	1.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	250.00	258.33	253.83	254.05	1.64	ppb
Selenium	77-2	263.12	227.85	188.57	226.51	16.46	ppb
Selenium	78-2	255.45	238.92	260.88	251.75	4.54	ppb
Silicon	28-1	207.65	235.57	238.89	227.37	7.55	ppb
Silver	109-1	261.25	254.77	260.43	258.82	1.36	ppb
Silver	107-1	258.65	251.00	259.16	256.27	1.78	ppb
Sodium	23-2	28175.99	28980.01	28252.11	28469.37	1.56	ppb
Strontium	86-1	248.08	256.99	250.55	251.87	1.83	ppb
Strontium	88-1	253.12	257.06	256.09	255.42	0.80	ppb
Sulfur	34-1	2566.34	4029.57	3884.28	3493.40	23.08	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	245.96	247.83	251.94	248.58	1.23	ppb
Thallium	205-1	249.14	251.48	256.05	252.22	1.39	ppb
Tin	118-1	255.96	251.65	256.81	254.80	1.09	ppb
Titanium	47-1	1245.72	1248.73	1269.19	1254.55	1.02	ppb
Uranium	238-1	237.97	242.16	247.06	242.39	1.88	ppb
Vanadium	51-2	252.00	259.75	253.00	254.92	1.65	ppb
Yttrium	89-1				104		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:32:51	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	2543.93	2592.12	2553.64	2563.23	0.99	ppb
Zirconium	90-1	250.82	254.58	253.11	252.83	0.75	ppb
Zirconium	91-1	248.73	250.22	247.80	248.91	0.49	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:35:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10647.04	10524.02	10382.81	10517.96	1.26	ppb
Antimony	121-1	498.62	500.34	509.06	502.67	1.11	ppb
Arsenic	75-2	511.61	500.84	506.99	506.48	1.07	ppb
Barium	135-1	2528.89	2521.95	2598.08	2549.64	1.65	ppb
Barium	137-1	2525.99	2498.05	2560.67	2528.24	1.24	ppb
Beryllium	9-1	497.69	502.29	505.24	501.74	0.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	423.67	485.57	529.67	479.64	11.10	ppb
Boron	11-1	422.21	483.51	532.95	479.56	11.57	ppb
Bromine	81-1						cps
Cadmium	111-1	498.07	502.69	507.73	502.83	0.96	ppb
Cadmium	106-1	492.59	489.30	498.19	493.36	0.91	ppb
Cadmium	108-1	503.15	506.92	503.31	504.46	0.42	ppb
Calcium	43-1	53375.81	54325.65	55403.88	54368.45	1.87	ppb
Calcium	44-1	52276.27	53300.83	53708.94	53095.34	1.39	ppb
Chromium	52-2	513.11	506.21	510.96	510.10	0.69	ppb
Cobalt	59-2	517.17	506.81	512.98	512.32	1.02	ppb
Copper	63-2	5122.92	5120.86	5092.08	5111.95	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	28214.06	27626.32	27694.58	27844.99	1.15	ppb
Iron	56-2	27536.79	27052.90	26894.31	27161.34	1.23	ppb
Iron	57-2	27390.31	27279.72	27004.60	27224.88	0.73	ppb
Krypton	83-1						cps
Lead	206-1	2500.25	2508.09	2513.39	2507.24	0.26	ppb
Lead	207-1	2492.93	2488.27	2506.68	2495.96	0.38	ppb
Lead	208-1	2476.06	2483.69	2504.46	2488.07	0.59	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:35:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	55763.12	55479.40	55152.52	55465.01	0.55	ppb
Manganese	55-2	5308.05	5084.81	5091.94	5161.60	2.46	ppb
Molybdenum	94-1	2531.25	2572.61	2498.16	2534.01	1.47	ppb
Molybdenum	95-1	2524.59	2547.42	2540.98	2537.66	0.46	ppb
Molybdenum	96-1	2495.83	2555.26	2555.76	2535.61	1.36	ppb
Molybdenum	97-1	2511.15	2533.98	2530.64	2525.26	0.49	ppb
Molybdenum	98-1	2528.44	2551.24	2546.46	2542.05	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.40	505.40	514.16	509.99	0.86	ppb
Phosphorus	31-2	10130.01	10396.33	10189.98	10238.77	1.36	ppb
Potassium	39-2	27959.68	27913.87	28125.71	27999.76	0.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	499.53	506.81	510.58	505.64	1.11	ppb
Selenium	77-2	564.24	509.37	512.91	528.84	5.81	ppb
Selenium	78-2	513.71	498.35	508.77	506.94	1.55	ppb
Silicon	28-1	461.35	513.07	519.20	497.87	6.38	ppb
Silver	109-1	502.64	500.41	511.15	504.73	1.12	ppb
Silver	107-1	498.60	510.82	517.75	509.06	1.90	ppb
Sodium	23-2	56902.08	56680.05	55841.05	56474.39	0.99	ppb
Strontium	86-1	505.03	507.81	514.00	508.95	0.90	ppb
Strontium	88-1	501.08	508.32	506.62	505.34	0.75	ppb
Sulfur	34-1	7599.93	8994.25	6651.91	7748.70	15.21	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	499.24	499.00	503.91	500.72	0.55	ppb
Thallium	205-1	501.51	500.33	503.88	501.91	0.36	ppb
Tin	118-1	500.36	506.91	511.06	506.11	1.07	ppb
Titanium	47-1	2440.83	2496.46	2520.06	2485.78	1.64	ppb
Uranium	238-1	481.86	482.51	483.48	482.62	0.17	ppb
Vanadium	51-2	518.31	506.77	506.81	510.63	1.30	ppb
Yttrium	89-1				106		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:35:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	5134.30	5112.98	5071.85	5106.38	0.62	ppb
Zirconium	90-1	505.86	500.72	515.78	507.45	1.51	ppb
Zirconium	91-1	495.23	503.70	504.93	501.29	1.05	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:38:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20313.01	20395.36	20906.90	20538.43	1.57	ppb
Antimony	121-1	996.17	980.87	1010.24	995.76	1.48	ppb
Arsenic	75-2	993.90	997.36	996.82	996.02	0.19	ppb
Barium	135-1	5027.19	4912.20	4933.35	4957.58	1.23	ppb
Barium	137-1	5037.29	4906.61	4968.20	4970.70	1.32	ppb
Beryllium	9-1	976.99	1008.92	1007.67	997.86	1.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	905.88	1029.98	1101.79	1012.55	9.79	ppb
Boron	11-1	897.12	1026.44	1114.16	1012.57	10.78	ppb
Bromine	81-1						cps
Cadmium	111-1	994.55	991.17	1001.33	995.69	0.52	ppb
Cadmium	106-1	1000.60	980.98	1021.73	1001.10	2.04	ppb
Cadmium	108-1	985.66	980.66	1021.88	996.06	2.26	ppb
Calcium	43-1	108209.00	109734.14	109728.81	109223.99	0.80	ppb
Calcium	44-1	105739.66	107182.49	108530.42	107150.86	1.30	ppb
Chromium	52-2	985.50	987.94	1006.52	993.32	1.16	ppb
Cobalt	59-2	987.84	997.58	988.57	991.33	0.55	ppb
Copper	63-2	9832.76	9886.91	10023.66	9914.44	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	54918.30	55583.11	55431.08	55310.83	0.63	ppb
Iron	56-2	53117.74	53681.47	53428.56	53409.26	0.53	ppb
Iron	57-2	52944.84	53152.66	53740.43	53279.31	0.77	ppb
Krypton	83-1						cps
Lead	206-1	4952.68	5008.00	5015.19	4991.95	0.69	ppb
Lead	207-1	4994.24	4998.84	5007.34	5000.14	0.13	ppb
Lead	208-1	4990.96	5008.65	5008.95	5002.85	0.21	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:38:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	107202.34	107900.27	108447.13	107849.91	0.58	ppb
Manganese	55-2	9858.87	9993.94	9843.58	9898.79	0.84	ppb
Molybdenum	94-1	4959.14	4975.72	4982.36	4972.40	0.24	ppb
Molybdenum	95-1	4924.19	4990.57	4994.98	4969.91	0.80	ppb
Molybdenum	96-1	4916.03	5033.77	4961.20	4970.33	1.20	ppb
Molybdenum	97-1	4964.13	4977.80	4995.49	4979.14	0.32	ppb
Molybdenum	98-1	4943.58	5035.73	4928.14	4969.15	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.45	982.26	1009.52	992.74	1.48	ppb
Phosphorus	31-2	19886.74	19787.38	19866.51	19846.87	0.26	ppb
Potassium	39-2	53823.90	53830.81	55017.86	54224.19	1.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	993.87	994.21	996.15	994.75	0.12	ppb
Selenium	77-2	1007.00	1017.10	946.85	990.31	3.84	ppb
Selenium	78-2	989.30	1002.16	994.03	995.16	0.65	ppb
Silicon	28-1	921.29	1015.15	1070.39	1002.27	7.52	ppb
Silver	109-1	993.31	985.20	1003.69	994.07	0.93	ppb
Silver	107-1	1003.26	969.66	1004.42	992.45	1.99	ppb
Sodium	23-2	109064.92	107664.52	108962.93	108564.12	0.72	ppb
Strontium	86-1	978.97	997.33	1005.67	993.99	1.37	ppb
Strontium	88-1	982.19	1004.03	997.35	994.52	1.13	ppb
Sulfur	34-1	20627.96	21561.18	22095.00	21428.05	3.47	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	1000.45	993.75	1003.94	999.38	0.52	ppb
Thallium	205-1	1000.27	996.60	995.85	997.57	0.24	ppb
Tin	118-1	987.96	992.26	1003.73	994.65	0.82	ppb
Titanium	47-1	4924.60	5002.35	5080.57	5002.51	1.56	ppb
Uranium	238-1	999.97	1008.56	1023.11	1010.55	1.16	ppb
Vanadium	51-2	994.90	982.53	1002.37	993.27	1.01	ppb
Yttrium	89-1				107		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:38:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	9868.01	9933.30	9981.40	9927.57	0.57	ppb
Zirconium	90-1	987.71	996.03	999.20	994.32	0.60	ppb
Zirconium	91-1	985.16	1003.58	1007.34	998.69	1.19	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100234.68	100455.17	98784.60	99824.81	0.91	ppb
Antimony	121-1	2.28	2.44	2.68	2.47	8.10	ppb
Arsenic	75-2	2.08	1.88	2.15	2.04	6.86	ppb
Barium	135-1	17.68	17.96	19.06	18.23	3.99	ppb
Barium	137-1	17.39	17.48	18.91	17.93	4.75	ppb
Beryllium	9-1	1.94	1.78	1.80	1.84	4.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	210.91	183.83	182.25	192.33	8.38	ppb
Boron	11-1	213.08	187.03	177.01	192.37	9.68	ppb
Bromine	81-1						cps
Cadmium	111-1	1.81	1.61	1.99	1.80	10.71	ppb
Cadmium	106-1	1.07	-0.76	3.87	1.39	167.29	ppb
Cadmium	108-1	1.99	1.87	2.80	2.22	22.67	ppb
Calcium	43-1	490323.64	493363.99	508940.69	497542.77	2.01	ppb
Calcium	44-1	495713.65	490459.45	508139.93	498104.34	1.82	ppb
Chromium	52-2	26.13	26.41	26.30	26.28	0.52	ppb
Cobalt	59-2	3.24	3.39	3.34	3.32	2.25	ppb
Copper	63-2	20.54	21.33	21.13	21.00	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				105		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	244986.75	248915.37	251787.54	248563.22	1.37	ppb
Iron	56-2	246008.33	247629.72	253446.65	249028.23	1.57	ppb
Iron	57-2	249546.50	250538.47	247066.30	249050.42	0.72	ppb
Krypton	83-1						cps
Lead	206-1	13.43	13.63	14.08	13.71	2.43	ppb
Lead	207-1	13.51	13.10	13.72	13.44	2.35	ppb
Lead	208-1	13.61	13.53	13.99	13.71	1.78	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	500684.96	494236.11	498147.64	497689.57	0.65	ppb
Manganese	55-2	24.58	25.10	26.39	25.36	3.68	ppb
Molybdenum	94-1	11.60	11.77	12.13	11.83	2.31	ppb
Molybdenum	95-1	12.66	12.78	12.73	12.72	0.45	ppb
Molybdenum	96-1	12.30	12.29	13.41	12.66	5.08	ppb
Molybdenum	97-1	11.96	12.14	12.73	12.28	3.26	ppb
Molybdenum	98-1	12.73	12.81	13.15	12.90	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.96	18.08	18.33	18.12	1.02	ppb
Phosphorus	31-2	-41.96	12.92	18.64	-3.47		ppb
Potassium	39-2	246102.85	250264.37	249917.86	248761.70	0.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	2.91	3.81	1.36	2.70	46.04	ppb
Selenium	77-2	1.46	1.45	3.69	2.20	58.62	ppb
Selenium	78-2	1.73	3.86	1.90	2.50	47.57	ppb
Silicon	28-1	124.81	134.16	166.89	141.95	15.57	ppb
Silver	109-1	1.88	1.86	2.03	1.92	5.06	ppb
Silver	107-1	1.79	1.88	1.86	1.84	2.52	ppb
Sodium	23-2	495529.58	494977.43	501763.06	497423.36	0.76	ppb
Strontium	86-1	3.05	3.67	4.10	3.60	14.62	ppb
Strontium	88-1	3.67	3.64	3.90	3.74	3.78	ppb
Sulfur	34-1	-5353.95	-6445.26	-2817.19	-4872.14		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	2.32	2.12	2.18	2.21	4.77	ppb
Thallium	205-1	2.21	2.03	2.18	2.14	4.65	ppb
Tin	118-1	2.59	2.31	2.53	2.48	6.11	ppb
Titanium	47-1	8.29	8.89	9.35	8.85	6.02	ppb
Uranium	238-1	1.86	1.93	1.84	1.88	2.44	ppb
Vanadium	51-2	2.05	1.77	2.09	1.97	8.81	ppb
Yttrium	89-1				104		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:41:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	58.17	59.58	58.49	58.75	1.25	ppb
Zirconium	90-1	1.90	1.91	1.91	1.91	0.28	ppb
Zirconium	91-1	1.89	1.90	1.97	1.92	2.25	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:06:35	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	523.27	549.87	537.55	536.90	2.48	ppb
Antimony	121-1	203.90	224.09	209.40	212.46	4.91	ppb
Arsenic	75-2	211.95	212.06	211.32	211.78	0.19	ppb
Barium	135-1	104.18	115.83	107.50	109.17	5.50	ppb
Barium	137-1	104.46	115.59	107.13	109.06	5.33	ppb
Beryllium	9-1	99.57	109.50	101.66	103.58	5.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	588.87	700.70	682.67	657.41	9.13	ppb
Boron	11-1	591.35	701.85	687.64	660.28	9.10	ppb
Bromine	81-1						cps
Cadmium	111-1	106.65	118.75	108.75	111.38	5.81	ppb
Cadmium	106-1	145.05	168.29	163.27	158.87	7.70	ppb
Cadmium	108-1	141.72	156.88	146.97	148.52	5.18	ppb
Calcium	43-1	2308.89	2722.41	2469.89	2500.40	8.34	ppb
Calcium	44-1	2315.19	2602.99	2335.86	2418.01	6.64	ppb
Chromium	52-2	100.66	103.21	101.15	101.67	1.33	ppb
Cobalt	59-2	103.31	107.97	105.27	105.52	2.22	ppb
Copper	63-2	104.37	106.96	108.04	106.46	1.77	ppb
Dysprosium	156-1						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				97		%
Indium	115-2				100		%
Iron	54-2	2208.20	2282.53	2234.60	2241.78	1.68	ppb
Iron	56-2	2112.26	2191.07	2167.77	2157.03	1.88	ppb
Iron	57-2	2104.36	2156.72	2164.66	2141.91	1.53	ppb
Krypton	83-1						cps
Lead	206-1	214.97	237.22	217.24	223.15	5.48	ppb
Lead	207-1	202.16	219.25	201.88	207.77	4.79	ppb
Lead	208-1	208.57	229.05	209.91	215.84	5.31	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:06:35	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	1275.89	1326.59	1326.25	1309.58	2.23	ppb
Manganese	55-2	99.93	102.44	99.24	100.54	1.68	ppb
Molybdenum	94-1	2476.14	2799.60	2515.07	2596.94	6.80	ppb
Molybdenum	95-1	2481.12	2778.04	2504.49	2587.89	6.38	ppb
Molybdenum	96-1	2461.91	2751.83	2545.80	2586.51	5.77	ppb
Molybdenum	97-1	2476.49	2758.52	2477.27	2570.76	6.33	ppb
Molybdenum	98-1	2477.07	2741.60	2493.46	2570.71	5.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.06	108.95	105.63	105.88	2.79	ppb
Phosphorus	31-2	43.42	-20.96	-7.10	5.12	662.08	ppb
Potassium	39-2	2170.18	2224.91	2198.97	2198.02	1.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	205.50	234.50	207.95	215.99	7.45	ppb
Selenium	77-2	222.43	242.04	227.33	230.60	4.43	ppb
Selenium	78-2	208.85	226.34	201.55	212.25	6.00	ppb
Silicon	28-1	327.53	372.07	332.54	344.05	7.09	ppb
Silver	109-1	50.22	55.77	51.95	52.65	5.39	ppb
Silver	107-1	51.33	56.57	52.19	53.37	5.27	ppb
Sodium	23-2	2199.86	2291.92	2268.82	2253.53	2.13	ppb
Strontium	86-1	507.28	575.55	515.18	532.67	7.01	ppb
Strontium	88-1	519.44	577.08	509.08	535.20	6.85	ppb
Sulfur	34-1	-200.64	5967.36	-33.42	1911.10	183.86	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	200.60	225.18	206.25	210.68	6.11	ppb
Thallium	205-1	203.01	227.42	209.41	213.28	5.94	ppb
Tin	118-1	520.76	581.58	534.58	545.64	5.84	ppb
Titanium	47-1	2480.43	2736.38	2533.74	2583.52	5.23	ppb
Uranium	238-1	545.90	604.97	552.40	567.76	5.71	ppb
Vanadium	51-2	100.21	102.35	102.51	101.69	1.26	ppb
Yttrium	89-1				99		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:06:35	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	203.11	211.51	210.11	208.24	2.16	ppb
Zirconium	90-1	522.10	576.91	527.68	542.23	5.56	ppb
Zirconium	91-1	509.81	574.01	515.44	533.09	6.67	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:14:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.06	22.68	20.18	20.30	11.38	ppb
Antimony	121-1	1.92	2.01	1.98	1.97	2.25	ppb
Arsenic	75-2	1.12	0.89	1.03	1.01	11.46	ppb
Barium	135-1	10.09	10.23	10.33	10.22	1.18	ppb
Barium	137-1	9.63	10.97	10.44	10.35	6.52	ppb
Beryllium	9-1	1.01	1.04	1.09	1.05	4.00	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	38.92	44.24	42.21	41.79	6.43	ppb
Boron	11-1	34.93	41.37	43.94	40.08	11.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.80	1.03	0.80	0.88	15.24	ppb
Cadmium	106-1	-0.88	0.40	-0.65	-0.38		ppb
Cadmium	108-1	0.99	1.52	1.01	1.17	25.56	ppb
Calcium	43-1	473.92	540.71	537.58	517.40	7.28	ppb
Calcium	44-1	511.82	556.63	524.14	530.86	4.36	ppb
Chromium	52-2	2.09	2.03	2.04	2.06	1.55	ppb
Cobalt	59-2	1.12	0.99	0.94	1.02	8.83	ppb
Copper	63-2	2.10	2.34	2.20	2.22	5.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	61.53	66.29	63.25	63.69	3.79	ppb
Iron	56-2	57.97	59.90	57.65	58.51	2.09	ppb
Iron	57-2	54.60	60.15	53.16	55.97	6.60	ppb
Krypton	83-1						cps
Lead	206-1	1.11	1.22	1.14	1.16	4.87	ppb
Lead	207-1	1.06	1.21	1.07	1.11	7.27	ppb
Lead	208-1	1.04	1.16	1.05	1.09	6.14	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:14:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	553.21	547.04	533.99	544.74	1.80	ppb
Manganese	55-2	1.21	0.93	0.94	1.03	15.70	ppb
Molybdenum	94-1	5.25	6.04	5.27	5.52	8.14	ppb
Molybdenum	95-1	4.98	5.77	5.19	5.31	7.64	ppb
Molybdenum	96-1	5.25	5.41	5.57	5.41	2.94	ppb
Molybdenum	97-1	5.10	5.37	5.50	5.32	3.84	ppb
Molybdenum	98-1	5.02	5.41	5.26	5.23	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.05	1.10	1.12	7.27	ppb
Phosphorus	31-2	-1.44	87.33	49.00	44.96	99.02	ppb
Potassium	39-2	517.32	530.20	533.84	527.12	1.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	4.46	7.25	5.40	5.70	24.85	ppb
Selenium	77-2	3.78	10.46	1.43	5.23	89.64	ppb
Selenium	78-2	7.73	4.15	5.35	5.74	31.77	ppb
Silicon	28-1	-6.15	7.50	-6.64	-1.76		ppb
Silver	109-1	0.88	1.09	0.96	0.98	10.45	ppb
Silver	107-1	0.93	1.08	0.89	0.97	10.79	ppb
Sodium	23-2	554.47	559.10	542.79	552.12	1.52	ppb
Strontium	86-1	1.02	1.02	1.01	1.01	0.35	ppb
Strontium	88-1	1.01	1.05	1.03	1.03	2.13	ppb
Sulfur	34-1	-2628.47	1527.38	-1803.77	-968.28		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	1.02	1.06	0.98	1.02	3.73	ppb
Thallium	205-1	0.92	1.05	1.03	1.00	6.96	ppb
Tin	118-1	4.97	5.40	5.18	5.18	4.14	ppb
Titanium	47-1	4.70	5.35	4.48	4.84	9.30	ppb
Uranium	238-1	0.96	1.08	0.94	1.00	7.36	ppb
Vanadium	51-2	5.07	5.44	5.15	5.22	3.72	ppb
Yttrium	89-1				99		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:14:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	3.04	2.96	2.81	2.94	4.00	ppb
Zirconium	90-1	0.94	0.97	0.93	0.95	2.30	ppb
Zirconium	91-1	1.05	0.99	0.88	0.97	8.65	ppb

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:18:18 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.43	-2.74	-1.64	-2.27		ppb
Antimony	121-1	0.00	0.00	0.01	0.00		ppb
Arsenic	75-2	-0.03	-0.03	-0.06	-0.04		ppb
Barium	135-1	0.03	0.00	-0.03	0.00	3628.92	ppb
Barium	137-1	0.03	0.01	0.03	0.02	45.91	ppb
Beryllium	9-1	0.02	0.02	-0.01	0.01	138.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	18.52	16.54	16.69	17.25	6.39	ppb
Boron	11-1	17.62	17.67	16.50	17.26	3.82	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.27	-0.03	0.04	-0.09		ppb
Cadmium	106-1	-3.76	-0.36	0.34	-1.26		ppb
Cadmium	108-1	-0.11	-0.03	-0.11	-0.09		ppb
Calcium	43-1	-33.59	-9.16	-1.77	-14.84		ppb
Calcium	44-1	-18.87	-25.21	-33.21	-25.76		ppb
Chromium	52-2	0.03	-0.05	0.13	0.04	243.69	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.05	0.04	0.02	0.03	40.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	0.43	0.52	-1.14	-0.06		ppb
Iron	56-2	0.00	-0.23	0.37	0.05	649.87	ppb
Iron	57-2	-0.71	-0.29	-1.64	-0.88		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.13	0.10	22.36	ppb
Lead	207-1	0.02	0.07	0.04	0.04	51.24	ppb
Lead	208-1	0.06	0.06	0.08	0.07	16.92	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:18:18	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	-2.07	1.10	-0.92	-0.63		ppb
Manganese	55-2	-0.05	0.00	-0.05	-0.03		ppb
Molybdenum	94-1	0.00	0.06	0.04	0.03	89.63	ppb
Molybdenum	95-1	0.02	0.03	0.01	0.02	62.09	ppb
Molybdenum	96-1	0.02	-0.01	0.01	0.01	213.90	ppb
Molybdenum	97-1	0.05	-0.01	0.00	0.01	203.78	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	156.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	0.01	0.06	-0.01		ppb
Phosphorus	31-2	-49.50	74.10	-57.06	-10.82		ppb
Potassium	39-2	4.44	-0.95	-24.92	-7.15		ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.17	0.90	1.10	0.72	67.99	ppb
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	1.41	0.65	-0.38	0.56	160.15	ppb
Silicon	28-1	-17.69	-16.76	-16.97	-17.14		ppb
Silver	109-1	0.01	0.00	0.00	0.00	166.89	ppb
Silver	107-1	0.00	-0.01	0.01	0.00		ppb
Sodium	23-2	12.54	0.78	4.90	6.07	98.22	ppb
Strontium	86-1	-0.04	-0.03	0.05	0.00		ppb
Strontium	88-1	-0.01	0.00	0.00	-0.01		ppb
Sulfur	34-1	-2945.86	-2973.77	-3084.03	-3001.22		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	835.10	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	50.25	ppb
Tin	118-1	0.05	0.06	0.03	0.04	37.10	ppb
Titanium	47-1	-0.07	-0.15	-0.31	-0.18		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	327.50	ppb
Vanadium	51-2	-0.03	0.00	-0.02	-0.02		ppb
Yttrium	89-1				103		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:18:18	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.28	0.08	0.09	0.15	73.26	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	-0.03	0.01	-0.01		ppb

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:21:10 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95504.12	93419.75	93867.96	94263.94	1.16	ppb
Antimony	121-1	1.02	1.08	1.12	1.08	4.65	ppb
Arsenic	75-2	0.27	0.30	0.36	0.31	14.97	ppb
Barium	135-1	1.30	1.64	1.86	1.60	17.68	ppb
Barium	137-1	1.33	1.38	1.31	1.34	2.38	ppb
Beryllium	9-1	0.26	0.26	0.29	0.27	5.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	18.36	17.84	16.21	17.47	6.41	ppb
Boron	11-1	18.36	18.18	16.98	17.84	4.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.59	0.23	0.41	44.16	ppb
Cadmium	106-1	0.62	1.15	-1.52	0.08	1677.05	ppb
Cadmium	108-1	11.10	8.59	10.38	10.02	12.92	ppb
Calcium	43-1	102849.43	105617.83	103533.33	104000.20	1.39	ppb
Calcium	44-1	101840.88	102567.01	100661.88	101689.92	0.95	ppb
Chromium	52-2	19.28	20.35	19.68	19.77	2.75	ppb
Cobalt	59-2	1.14	1.11	1.14	1.13	1.85	ppb
Copper	63-2	8.17	7.86	8.23	8.09	2.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	106409.74	104537.77	104445.28	105130.93	1.05	ppb
Iron	56-2	106308.56	105708.04	106088.38	106034.99	0.29	ppb
Iron	57-2	105986.53	105081.39	105664.77	105577.56	0.43	ppb
Krypton	83-1						cps
Lead	206-1	4.75	4.76	4.68	4.73	0.92	ppb
Lead	207-1	4.11	4.21	4.31	4.21	2.34	ppb
Lead	208-1	4.36	4.56	4.33	4.42	2.80	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:21:10	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	102485.48	101827.31	100530.64	101614.48	0.98	ppb
Manganese	55-2	8.14	7.11	8.35	7.87	8.41	ppb
Molybdenum	94-1	1343.74	1359.73	1341.40	1348.29	0.74	ppb
Molybdenum	95-1	1961.58	1929.94	1900.22	1930.58	1.59	ppb
Molybdenum	96-1	1883.61	1840.67	1845.26	1856.51	1.27	ppb
Molybdenum	97-1	1926.30	1864.29	1895.93	1895.51	1.64	ppb
Molybdenum	98-1	1936.27	1945.04	1897.18	1926.16	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.49	5.04	5.48	5.34	4.80	ppb
Phosphorus	31-2	99481.00	97497.26	97700.34	98226.20	1.11	ppb
Potassium	39-2	106875.78	107449.18	108406.26	107577.07	0.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.72	1.76	0.04	0.84	103.66	ppb
Selenium	77-2	-0.78	-0.78	1.39	-0.05		ppb
Selenium	78-2	-1.55	0.00	0.33	-0.41		ppb
Silicon	28-1	20.13	18.65	17.25	18.68	7.72	ppb
Silver	109-1	0.03	0.02	0.04	0.03	27.23	ppb
Silver	107-1	0.03	0.02	0.03	0.03	10.77	ppb
Sodium	23-2	107298.39	106761.00	106404.84	106821.41	0.42	ppb
Strontium	86-1	33.43	34.22	32.72	33.46	2.25	ppb
Strontium	88-1	34.23	34.15	33.81	34.06	0.66	ppb
Sulfur	34-1	93552.63	91593.87	89379.84	91508.78	2.28	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.09	0.13	0.08	75.69	ppb
Thallium	205-1	0.08	0.08	0.09	0.09	8.84	ppb
Tin	118-1	0.21	0.24	0.26	0.24	10.09	ppb
Titanium	47-1	1946.36	1942.50	1954.94	1947.93	0.33	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	14.83	ppb
Vanadium	51-2	0.13	0.15	0.12	0.14	10.47	ppb
Yttrium	89-1				105		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:21:10	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	11.64	12.00	11.19	11.61	3.49	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	147.74	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	101.69	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:23:58	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98433.18	90651.39	93104.27	94062.95	4.23	ppb
Antimony	121-1	20.86	21.72	20.84	21.14	2.38	ppb
Arsenic	75-2	21.42	20.21	20.23	20.62	3.35	ppb
Barium	135-1	21.96	22.63	21.55	22.04	2.47	ppb
Barium	137-1	22.10	23.60	22.14	22.62	3.78	ppb
Beryllium	9-1	19.53	19.57	19.35	19.48	0.61	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	64.16	73.04	79.61	72.27	10.73	ppb
Boron	11-1	63.81	73.19	77.28	71.43	9.67	ppb
Bromine	81-1						cps
Cadmium	111-1	20.18	21.46	20.13	20.59	3.67	ppb
Cadmium	106-1	25.04	25.01	19.70	23.25	13.23	ppb
Cadmium	108-1	31.21	30.29	31.02	30.84	1.56	ppb
Calcium	43-1	102797.68	105603.64	105494.66	104631.99	1.52	ppb
Calcium	44-1	99498.59	104179.36	104049.72	102575.89	2.60	ppb
Chromium	52-2	41.42	38.55	38.56	39.51	4.18	ppb
Cobalt	59-2	22.34	20.93	20.73	21.33	4.11	ppb
Copper	63-2	30.01	28.28	28.24	28.84	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	110768.30	104823.14	102519.60	106037.01	4.01	ppb
Iron	56-2	111919.84	105677.46	103266.41	106954.57	4.18	ppb
Iron	57-2	112948.66	106987.71	103169.96	107702.11	4.58	ppb
Krypton	83-1						cps
Lead	206-1	24.37	25.77	24.97	25.04	2.79	ppb
Lead	207-1	21.94	22.99	22.40	22.44	2.33	ppb
Lead	208-1	23.25	24.35	23.54	23.71	2.40	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:23:58	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	106712.45	100784.06	99494.70	102330.40	3.76	ppb
Manganese	55-2	28.09	26.92	26.95	27.32	2.44	ppb
Molybdenum	94-1	1417.27	1507.53	1485.27	1470.02	3.20	ppb
Molybdenum	95-1	1958.51	2073.44	2011.99	2014.65	2.85	ppb
Molybdenum	96-1	1900.52	1986.56	1960.68	1949.25	2.26	ppb
Molybdenum	97-1	1927.91	2028.38	2024.14	1993.48	2.85	ppb
Molybdenum	98-1	1921.52	2034.13	2012.08	1989.24	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.96	25.58	24.88	25.81	4.09	ppb
Phosphorus	31-2	103765.68	96706.75	95785.62	98752.68	4.42	ppb
Potassium	39-2	112895.77	106444.32	104113.06	107817.72	4.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	21.52	18.87	20.39	20.26	6.57	ppb
Selenium	77-2	17.50	12.35	27.27	19.04	39.79	ppb
Selenium	78-2	24.59	18.06	16.00	19.55	22.93	ppb
Silicon	28-1	57.87	59.87	62.30	60.01	3.70	ppb
Silver	109-1	19.08	20.10	19.25	19.48	2.82	ppb
Silver	107-1	19.19	19.75	19.11	19.35	1.82	ppb
Sodium	23-2	112303.31	105118.94	103793.81	107072.02	4.28	ppb
Strontium	86-1	85.76	89.10	87.27	87.38	1.91	ppb
Strontium	88-1	87.44	90.67	90.12	89.41	1.93	ppb
Sulfur	34-1	84737.18	87014.50	90365.35	87372.34	3.24	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	19.16	20.49	20.29	19.98	3.61	ppb
Thallium	205-1	19.34	20.93	20.64	20.31	4.17	ppb
Tin	118-1	54.73	55.81	54.04	54.86	1.63	ppb
Titanium	47-1	1958.09	2031.31	2014.68	2001.36	1.92	ppb
Uranium	238-1	52.62	56.12	54.83	54.52	3.24	ppb
Vanadium	51-2	20.63	19.89	19.82	20.11	2.21	ppb
Yttrium	89-1				106		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:23:58	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	33.31	32.21	31.28	32.27	3.15	ppb
Zirconium	90-1	53.07	56.68	55.23	54.99	3.30	ppb
Zirconium	91-1	51.63	56.28	55.78	54.56	4.68	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:26:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55699.22	55911.91	56539.02	56050.05	0.78	ppb
Antimony	121-1	517.48	491.96	503.70	504.38	2.53	ppb
Arsenic	75-2	509.11	509.74	513.04	510.63	0.41	ppb
Barium	135-1	2636.35	2560.10	2560.00	2585.48	1.70	ppb
Barium	137-1	2613.67	2540.72	2561.59	2571.99	1.46	ppb
Beryllium	9-1	501.35	512.03	508.76	507.38	1.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	404.64	491.65	532.89	476.39	13.74	ppb
Boron	11-1	415.71	495.13	540.89	483.91	13.09	ppb
Bromine	81-1						cps
Cadmium	111-1	503.97	505.25	496.67	501.96	0.92	ppb
Cadmium	106-1	491.28	506.40	493.41	497.03	1.65	ppb
Cadmium	108-1	500.39	491.78	492.53	494.90	0.96	ppb
Calcium	43-1	267974.15	269568.78	268661.98	268734.97	0.30	ppb
Calcium	44-1	261793.03	265620.45	266246.42	264553.30	0.91	ppb
Chromium	52-2	529.02	530.48	538.24	532.58	0.93	ppb
Cobalt	59-2	515.78	517.97	521.11	518.29	0.52	ppb
Copper	63-2	5036.26	5024.43	5119.36	5060.02	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	54-2	136050.42	135964.90	137573.00	136529.44	0.66	ppb
Iron	56-2	134748.92	136473.84	138149.14	136457.30	1.25	ppb
Iron	57-2	134750.34	135192.72	141638.55	137193.87	2.81	ppb
Krypton	83-1						cps
Lead	206-1	2581.92	2583.52	2575.10	2580.18	0.17	ppb
Lead	207-1	2566.94	2583.51	2568.72	2573.06	0.35	ppb
Lead	208-1	2565.33	2597.08	2569.67	2577.36	0.67	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:26:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	263050.20	263808.81	269428.50	265429.17	1.31	ppb
Manganese	55-2	5212.40	5278.12	5351.91	5280.81	1.32	ppb
Molybdenum	94-1	2533.60	2531.30	2563.08	2542.66	0.70	ppb
Molybdenum	95-1	2582.26	2546.51	2573.96	2567.58	0.73	ppb
Molybdenum	96-1	2525.54	2546.62	2540.29	2537.48	0.43	ppb
Molybdenum	97-1	2534.56	2556.77	2571.71	2554.35	0.73	ppb
Molybdenum	98-1	2495.67	2544.67	2557.33	2532.56	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.51	518.73	526.29	519.18	1.33	ppb
Phosphorus	31-2	10576.56	10375.75	10398.95	10450.42	1.05	ppb
Potassium	39-2	138111.00	138274.92	141575.20	139320.37	1.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	492.57	504.33	498.89	498.60	1.18	ppb
Selenium	77-2	477.35	485.73	499.68	487.59	2.31	ppb
Selenium	78-2	515.88	518.93	520.28	518.36	0.44	ppb
Silicon	28-1	398.81	452.32	496.26	449.13	10.87	ppb
Silver	109-1	498.01	493.85	498.22	496.70	0.50	ppb
Silver	107-1	504.06	500.01	503.97	502.68	0.46	ppb
Sodium	23-2	267222.80	268709.44	276500.36	270810.87	1.84	ppb
Strontium	86-1	499.41	514.77	509.07	507.75	1.53	ppb
Strontium	88-1	507.05	517.12	512.56	512.25	0.98	ppb
Sulfur	34-1	3445.22	4096.79	4567.01	4036.34	13.96	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	509.93	512.38	514.68	512.33	0.46	ppb
Thallium	205-1	516.90	519.15	520.69	518.91	0.37	ppb
Tin	118-1	510.33	508.48	505.91	508.24	0.44	ppb
Titanium	47-1	2548.75	2533.46	2579.03	2553.75	0.91	ppb
Uranium	238-1	511.18	504.33	509.63	508.38	0.71	ppb
Vanadium	51-2	524.25	522.81	529.34	525.47	0.65	ppb
Yttrium	89-1				111		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:26:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	5048.21	5113.84	5169.66	5110.57	1.19	ppb
Zirconium	90-1	505.36	522.91	516.09	514.79	1.72	ppb
Zirconium	91-1	497.32	502.94	507.80	502.69	1.04	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:32:27	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-1.72	-0.67	-0.99		ppb
Antimony	121-1	0.02	0.04	0.07	0.04	61.97	ppb
Arsenic	75-2	0.00	-0.04	-0.03	-0.02		ppb
Barium	135-1	-0.06	-0.02	-0.04	-0.04		ppb
Barium	137-1	0.02	0.00	-0.03	0.00		ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	37.03	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	24.60	23.85	25.02	24.49	2.42	ppb
Boron	11-1	24.11	23.17	24.05	23.78	2.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.08	-0.19	-0.17		ppb
Cadmium	106-1	-3.52	-0.85	-2.61	-2.33		ppb
Cadmium	108-1	-0.11	0.37	0.06	0.11	229.76	ppb
Calcium	43-1	-7.85	-17.70	9.05	-5.50		ppb
Calcium	44-1	-24.55	-28.99	-6.85	-20.13		ppb
Chromium	52-2	-0.08	0.02	0.01	-0.02		ppb
Cobalt	59-2	-0.02	-0.03	0.00	-0.01		ppb
Copper	63-2	0.44	0.43	0.42	0.43	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	1.31	3.48	1.56	2.12	56.10	ppb
Iron	56-2	0.36	0.56	0.86	0.60	41.95	ppb
Iron	57-2	-0.39	-1.38	2.15	0.13	1424.99	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.40	0.27	0.35	18.72	ppb
Lead	207-1	0.30	0.26	0.30	0.29	8.60	ppb
Lead	208-1	0.30	0.28	0.28	0.29	3.98	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:32:27	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	0.49	0.05	3.81	1.45	141.71	ppb
Manganese	55-2	0.02	-0.02	-0.03	-0.01		ppb
Molybdenum	94-1	0.08	0.06	0.04	0.06	34.20	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.07	7.81	ppb
Molybdenum	96-1	0.06	0.00	0.01	0.02	137.30	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	28.87	ppb
Molybdenum	98-1	0.08	0.02	0.02	0.04	83.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.02	0.00	578.32	ppb
Phosphorus	31-2	-49.47	-23.75	-62.63	-45.28		ppb
Potassium	39-2	-3.10	-4.81	-10.09	-6.00		ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	-0.86	-0.73	-1.43	-1.01		ppb
Selenium	77-2	1.44	1.42	1.45	1.43	1.08	ppb
Selenium	78-2	-0.32	1.57	-0.50	0.25	454.12	ppb
Silicon	28-1	-15.82	-16.05	-2.89	-11.59		ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.63	ppb
Sodium	23-2	41.41	53.40	53.10	49.30	13.87	ppb
Strontium	86-1	0.13	-0.04	0.18	0.09	123.48	ppb
Strontium	88-1	0.00	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-4824.79	-4513.51	-1219.93	-3519.41		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.05	0.05	0.06	47.53	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	3.08	ppb
Tin	118-1	0.06	0.04	0.08	0.06	33.56	ppb
Titanium	47-1	-0.03	0.05	0.05	0.02	190.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	171.52	ppb
Vanadium	51-2	-0.01	0.00	-0.03	-0.01		ppb
Yttrium	89-1				101		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:32:27	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	0.44	0.39	0.53	0.46	15.45	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	731.21	ppb
Zirconium	91-1	-0.01	0.02	0.02	0.01	144.06	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:35:18	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.72	19.78	19.41	20.97	11.40	ppb
Antimony	121-1	2.08	2.06	1.82	1.99	7.19	ppb
Arsenic	75-2	1.08	0.92	0.95	0.98	8.84	ppb
Barium	135-1	10.70	10.23	9.49	10.14	6.05	ppb
Barium	137-1	10.69	10.62	9.78	10.36	4.88	ppb
Beryllium	9-1	0.97	1.01	0.94	0.98	3.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	31.71	34.33	38.37	34.80	9.64	ppb
Boron	11-1	33.01	36.41	37.75	35.72	6.85	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.94	0.85	0.94	10.22	ppb
Cadmium	106-1	1.60	-1.00	-1.44	-0.28		ppb
Cadmium	108-1	0.75	0.82	1.09	0.89	20.18	ppb
Calcium	43-1	511.22	512.99	487.59	503.93	2.81	ppb
Calcium	44-1	521.77	527.75	531.05	526.86	0.89	ppb
Chromium	52-2	2.48	1.98	2.08	2.18	12.12	ppb
Cobalt	59-2	0.96	1.02	1.05	1.01	4.88	ppb
Copper	63-2	2.41	2.21	2.33	2.31	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	57.51	60.18	56.97	58.22	2.96	ppb
Iron	56-2	58.09	57.75	56.36	57.40	1.60	ppb
Iron	57-2	59.65	60.48	56.77	58.97	3.30	ppb
Krypton	83-1						cps
Lead	206-1	1.31	1.13	1.19	1.21	7.62	ppb
Lead	207-1	1.11	1.10	1.10	1.10	0.45	ppb
Lead	208-1	1.22	1.12	1.12	1.15	5.16	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:35:18	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	552.65	562.38	554.70	556.58	0.92	ppb
Manganese	55-2	0.88	0.92	1.05	0.95	9.14	ppb
Molybdenum	94-1	4.86	4.87	5.14	4.96	3.21	ppb
Molybdenum	95-1	5.90	5.31	5.20	5.47	6.91	ppb
Molybdenum	96-1	5.57	5.37	5.18	5.37	3.62	ppb
Molybdenum	97-1	5.20	5.11	5.35	5.22	2.28	ppb
Molybdenum	98-1	5.21	5.05	5.24	5.16	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.11	1.18	1.18	6.29	ppb
Phosphorus	31-2	-41.10	-30.85	-33.86	-35.27		ppb
Potassium	39-2	581.20	614.01	549.09	581.43	5.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	4.55	4.86	6.83	5.41	22.84	ppb
Selenium	77-2	5.81	3.66	3.72	4.40	27.87	ppb
Selenium	78-2	5.86	7.75	7.53	7.05	14.64	ppb
Silicon	28-1	-9.70	-5.49	-9.72	-8.30		ppb
Silver	109-1	0.96	1.05	1.00	1.00	4.41	ppb
Silver	107-1	1.06	0.92	1.04	1.01	7.05	ppb
Sodium	23-2	602.76	617.70	580.97	600.47	3.08	ppb
Strontium	86-1	0.85	1.18	0.98	1.00	16.19	ppb
Strontium	88-1	1.02	0.99	0.98	1.00	1.89	ppb
Sulfur	34-1	-4627.68	-3116.08	-4175.12	-3972.96		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.96	0.97	0.96	1.84	ppb
Thallium	205-1	1.07	1.02	1.02	1.04	2.47	ppb
Tin	118-1	5.03	5.34	4.87	5.08	4.72	ppb
Titanium	47-1	5.18	4.71	4.81	4.90	5.06	ppb
Uranium	238-1	1.00	1.00	0.90	0.97	5.81	ppb
Vanadium	51-2	5.25	5.54	5.29	5.36	2.92	ppb
Yttrium	89-1				105		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:35:18	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	2.84	2.25	2.94	2.68	13.92	ppb
Zirconium	90-1	0.96	1.00	0.98	0.98	1.80	ppb
Zirconium	91-1	1.01	0.95	0.98	0.98	2.82	ppb

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : PB128651BL Instrumnet Name : P8
 Client Sample ID : PB128651BL Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:38:10 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.45	-3.29	-2.11	-3.29		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	82.54	ppb
Arsenic	75-2	-0.01	-0.03	-0.04	-0.03		ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.00	12.50	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	73.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	17.68	15.73	16.76	16.73	5.83	ppb
Boron	11-1	16.03	15.84	15.84	15.91	0.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.16	-0.09	-0.12		ppb
Cadmium	106-1	-1.11	-2.40	-1.50	-1.67		ppb
Cadmium	108-1	0.05	-0.19	-0.03	-0.05		ppb
Calcium	43-1	-14.12	-25.41	-22.43	-20.66		ppb
Calcium	44-1	-19.98	-13.42	-19.77	-17.72		ppb
Chromium	52-2	0.15	-0.14	-0.05	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.15	0.16	0.19	0.16	13.09	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				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	-0.01	0.55	-1.95	-0.47		ppb
Iron	56-2	0.05	0.22	0.12	0.13	68.73	ppb
Iron	57-2	-0.57	1.17	-0.50	0.04	2775.64	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.24	0.20	16.34	ppb
Lead	207-1	0.14	0.17	0.22	0.18	23.24	ppb
Lead	208-1	0.17	0.15	0.21	0.17	17.23	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BL	Instrumnet Name :	P8
Client Sample ID :	PB128651BL	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:38:10	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	0.65	-0.28	-0.27	0.03	1565.34	ppb
Manganese	55-2	-0.06	0.04	0.03	0.00	2803.69	ppb
Molybdenum	94-1	0.00	0.01	0.04	0.02	101.99	ppb
Molybdenum	95-1	0.03	0.04	0.00	0.02	83.26	ppb
Molybdenum	96-1	-0.03	0.04	-0.01	0.00	4795.25	ppb
Molybdenum	97-1	0.05	0.01	0.00	0.02	116.28	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	154.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.07	-0.03		ppb
Phosphorus	31-2	-103.57	-30.13	-67.66	-67.12		ppb
Potassium	39-2	10.13	16.65	-5.52	7.09	160.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.02	0.12	1.03	0.39	143.15	ppb
Selenium	77-2	1.51	3.74	-0.78	1.49	151.28	ppb
Selenium	78-2	1.50	0.38	-0.50	0.46	216.61	ppb
Silicon	28-1	-13.07	-10.60	-10.72	-11.46		ppb
Silver	109-1	0.00	0.01	0.01	0.00	57.63	ppb
Silver	107-1	0.00	0.01	0.00	0.00	275.72	ppb
Sodium	23-2	35.98	29.22	8.94	24.71	56.96	ppb
Strontium	86-1	-0.05	0.04	0.10	0.03	242.17	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1724.51	-2365.69	-1984.66	-2024.95		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.03	0.04	0.04	29.58	ppb
Thallium	205-1	0.03	0.05	0.05	0.04	25.22	ppb
Tin	118-1	0.04	0.02	0.01	0.02	66.37	ppb
Titanium	47-1	0.06	0.18	-0.24	0.00	25388.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	231.30	ppb
Vanadium	51-2	0.00	-0.02	0.00	-0.01		ppb
Yttrium	89-1				102		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BL	Instrumnet Name :	P8
Client Sample ID :	PB128651BL	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:38:10	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.03	0.31	0.18	0.17	83.64	ppb
Zirconium	90-1	0.02	0.00	-0.01	0.00	326.05	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	72.00	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BS	Instrumnet Name :	P8
Client Sample ID :	PB128651BS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:41:01	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10593.05	10460.58	10447.17	10500.27	0.77	ppb
Antimony	121-1	491.64	517.97	520.44	510.02	3.13	ppb
Arsenic	75-2	511.79	504.55	510.68	509.01	0.77	ppb
Barium	135-1	2552.25	2568.32	2610.97	2577.18	1.18	ppb
Barium	137-1	2516.21	2590.77	2584.55	2563.84	1.61	ppb
Beryllium	9-1	489.58	500.01	497.46	495.68	1.10	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	348.25	425.44	476.71	416.80	15.51	ppb
Boron	11-1	344.93	429.18	479.47	417.86	16.27	ppb
Bromine	81-1						cps
Cadmium	111-1	493.91	513.98	512.23	506.71	2.19	ppb
Cadmium	106-1	488.77	508.68	513.38	503.61	2.59	ppb
Cadmium	108-1	490.37	515.65	516.64	507.55	2.93	ppb
Calcium	43-1	53923.46	55294.34	53933.85	54383.88	1.45	ppb
Calcium	44-1	52426.06	54853.96	53209.56	53496.53	2.32	ppb
Chromium	52-2	521.94	512.01	512.17	515.37	1.10	ppb
Cobalt	59-2	519.04	511.66	517.81	516.17	0.77	ppb
Copper	63-2	5237.69	5048.06	5127.56	5137.77	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	28429.23	27674.48	27959.22	28020.98	1.36	ppb
Iron	56-2	28255.37	27547.17	27732.55	27845.03	1.32	ppb
Iron	57-2	27813.67	27600.22	27415.63	27609.84	0.72	ppb
Krypton	83-1						cps
Lead	206-1	2484.57	2530.48	2533.42	2516.16	1.09	ppb
Lead	207-1	2510.96	2505.64	2511.31	2509.30	0.13	ppb
Lead	208-1	2486.84	2507.28	2503.52	2499.21	0.44	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BS	Instrumnet Name :	P8
Client Sample ID :	PB128651BS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:41:01	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	56544.20	53732.79	54886.92	55054.64	2.57	ppb
Manganese	55-2	5397.63	5155.80	5226.72	5260.05	2.36	ppb
Molybdenum	94-1	2492.57	2518.56	2520.44	2510.52	0.62	ppb
Molybdenum	95-1	2525.33	2530.38	2523.10	2526.27	0.15	ppb
Molybdenum	96-1	2476.86	2514.18	2502.16	2497.73	0.76	ppb
Molybdenum	97-1	2490.69	2540.22	2521.71	2517.54	0.99	ppb
Molybdenum	98-1	2487.55	2519.91	2480.88	2496.11	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.08	514.19	522.63	521.63	1.34	ppb
Phosphorus	31-2	10571.35	9938.38	10506.41	10338.71	3.37	ppb
Potassium	39-2	28146.34	28013.02	28184.45	28114.61	0.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	498.98	501.06	509.28	503.11	1.08	ppb
Selenium	77-2	540.85	481.93	531.84	518.21	6.12	ppb
Selenium	78-2	524.73	503.54	524.55	517.61	2.35	ppb
Silicon	28-1	419.07	495.70	496.38	470.38	9.45	ppb
Silver	109-1	502.54	514.64	518.81	512.00	1.65	ppb
Silver	107-1	493.52	523.25	517.44	511.40	3.08	ppb
Sodium	23-2	57499.96	55289.58	55640.93	56143.49	2.12	ppb
Strontium	86-1	498.04	501.03	507.19	502.09	0.93	ppb
Strontium	88-1	507.68	500.14	505.02	504.28	0.76	ppb
Sulfur	34-1	8044.00	8632.26	6097.44	7591.23	17.48	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	491.54	508.40	502.89	500.94	1.72	ppb
Thallium	205-1	499.84	510.75	513.47	508.02	1.42	ppb
Tin	118-1	497.45	515.39	515.83	509.56	2.06	ppb
Titanium	47-1	2477.56	2538.76	2476.40	2497.57	1.43	ppb
Uranium	238-1	486.16	494.89	486.33	489.13	1.02	ppb
Vanadium	51-2	517.66	512.23	517.31	515.73	0.59	ppb
Yttrium	89-1				110		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BS	Instrumnet Name :	P8
Client Sample ID :	PB128651BS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:41:01	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	5211.61	5142.52	5193.19	5182.44	0.69	ppb
Zirconium	90-1	497.40	494.48	493.94	495.27	0.38	ppb
Zirconium	91-1	489.54	492.91	495.23	492.56	0.58	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09	Instrumnet Name :	P8
Client Sample ID :	S45-0055	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:43:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.75	5.44	5.61	5.93	12.02	ppb
Antimony	121-1	0.06	0.09	0.10	0.08	23.49	ppb
Arsenic	75-2	0.65	0.64	0.66	0.65	1.46	ppb
Barium	135-1	11.64	11.67	10.86	11.39	4.02	ppb
Barium	137-1	11.23	11.22	11.69	11.38	2.37	ppb
Beryllium	9-1	0.07	0.04	0.04	0.05	41.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	94.85	88.30	84.72	89.29	5.76	ppb
Boron	11-1	96.06	90.28	82.50	89.61	7.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.16	-0.25	-0.20		ppb
Cadmium	106-1	-2.48	-2.19	-3.48	-2.72		ppb
Cadmium	108-1	-0.04	0.04	-0.04	-0.01		ppb
Calcium	43-1	33024.65	33632.06	33355.13	33337.28	0.91	ppb
Calcium	44-1	32676.41	33287.59	32988.87	32984.29	0.93	ppb
Chromium	52-2	0.16	0.12	0.31	0.20	48.46	ppb
Cobalt	59-2	3.12	3.21	3.31	3.21	3.00	ppb
Copper	63-2	1.27	1.37	1.22	1.29	5.93	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				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	111.70	103.03	91.23	101.98	10.08	ppb
Iron	56-2	103.22	101.32	100.89	101.81	1.21	ppb
Iron	57-2	105.90	105.59	98.39	103.30	4.11	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.36	0.40	0.40	10.52	ppb
Lead	207-1	0.46	0.36	0.35	0.39	15.85	ppb
Lead	208-1	0.42	0.36	0.36	0.38	9.79	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09	Instrumnet Name :	P8
Client Sample ID :	S45-0055	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:43:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	9362.72	9136.60	9179.87	9226.39	1.30	ppb
Manganese	55-2	5140.03	5177.42	5154.00	5157.15	0.37	ppb
Molybdenum	94-1	0.34	0.37	0.24	0.32	20.85	ppb
Molybdenum	95-1	0.40	0.31	0.35	0.35	11.72	ppb
Molybdenum	96-1	0.32	0.33	0.31	0.32	2.10	ppb
Molybdenum	97-1	0.39	0.34	0.32	0.35	9.82	ppb
Molybdenum	98-1	0.41	0.31	0.31	0.34	17.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.47	3.60	3.72	3.60	3.57	ppb
Phosphorus	31-2	-67.47	-82.45	-111.72	-87.21		ppb
Potassium	39-2	2955.53	2958.64	2872.64	2928.94	1.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	1.50	1.06	0.96	1.17	24.05	ppb
Selenium	77-2	-0.78	1.42	1.40	0.68	185.32	ppb
Selenium	78-2	-0.78	-0.18	-1.20	-0.72		ppb
Silicon	28-1	5757.32	5865.09	5884.82	5835.74	1.18	ppb
Silver	109-1	0.01	0.01	0.02	0.01	44.48	ppb
Silver	107-1	0.01	0.00	0.02	0.01	88.77	ppb
Sodium	23-2	4788.81	4738.16	4695.29	4740.75	0.99	ppb
Strontium	86-1	164.93	158.60	164.00	162.51	2.10	ppb
Strontium	88-1	166.15	163.35	169.02	166.17	1.71	ppb
Sulfur	34-1	-5505.05	-5158.98	-6062.92	-5575.65		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.27	0.19	0.16	0.21	28.34	ppb
Thallium	205-1	0.23	0.21	0.20	0.21	7.38	ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.17	0.44	0.35	0.32	43.37	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	4.24	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	45.41	ppb
Yttrium	89-1				105		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09	Instrumnet Name :	P8
Client Sample ID :	S45-0055	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:43:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	6.64	6.03	6.52	6.39	5.05	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	15.40	ppb
Zirconium	91-1	0.01	0.02	-0.01	0.01	183.10	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0055DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:46:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.90	2.94	3.44	3.09	9.80	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	24.98	ppb
Arsenic	75-2	0.62	0.61	0.74	0.66	10.46	ppb
Barium	135-1	11.58	12.05	10.79	11.47	5.55	ppb
Barium	137-1	11.36	11.37	11.06	11.26	1.57	ppb
Beryllium	9-1	0.03	0.06	0.00	0.03	86.03	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	45.87	48.06	46.22	46.72	2.51	ppb
Boron	11-1	46.33	46.54	46.20	46.36	0.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.01	-0.19	-0.08		ppb
Cadmium	106-1	-1.03	-0.12	-2.61	-1.25		ppb
Cadmium	108-1	-0.19	-0.11	0.19	-0.04		ppb
Calcium	43-1	34549.08	32867.10	34032.43	33816.20	2.55	ppb
Calcium	44-1	33568.61	33318.96	32870.98	33252.85	1.06	ppb
Chromium	52-2	0.18	0.10	0.15	0.14	27.35	ppb
Cobalt	59-2	3.13	3.23	3.19	3.18	1.61	ppb
Copper	63-2	0.79	0.78	0.77	0.78	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	101.32	107.31	92.01	100.21	7.69	ppb
Iron	56-2	102.61	104.18	101.58	102.79	1.28	ppb
Iron	57-2	106.76	116.95	107.35	110.35	5.18	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.39	0.25	0.35	24.95	ppb
Lead	207-1	0.35	0.25	0.29	0.30	16.13	ppb
Lead	208-1	0.38	0.31	0.29	0.33	13.53	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0055DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:46:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	9181.41	9311.68	9155.59	9216.22	0.91	ppb
Manganese	55-2	5151.25	5271.62	5106.32	5176.40	1.65	ppb
Molybdenum	94-1	0.20	0.16	0.22	0.20	14.99	ppb
Molybdenum	95-1	0.28	0.25	0.32	0.28	13.16	ppb
Molybdenum	96-1	0.28	0.26	0.23	0.26	10.28	ppb
Molybdenum	97-1	0.24	0.31	0.18	0.24	26.80	ppb
Molybdenum	98-1	0.31	0.24	0.24	0.26	16.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.72	3.96	3.82	3.84	3.14	ppb
Phosphorus	31-2	-48.09	21.63	-41.11	-22.53		ppb
Potassium	39-2	2945.91	2961.31	2910.47	2939.23	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.51	0.53	-0.03	0.67	115.84	ppb
Selenium	77-2	1.40	1.42	-0.78	0.68	185.36	ppb
Selenium	78-2	0.74	2.35	0.49	1.19	84.85	ppb
Silicon	28-1	5953.30	5828.63	5916.21	5899.38	1.09	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.92	ppb
Silver	107-1	0.00	0.01	0.01	0.00	172.71	ppb
Sodium	23-2	4728.83	4857.43	4696.59	4760.95	1.79	ppb
Strontium	86-1	168.14	160.98	158.99	162.70	2.96	ppb
Strontium	88-1	173.29	166.02	165.70	168.34	2.55	ppb
Sulfur	34-1	-4094.06	-6504.24	-6984.92	-5861.07		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.10	0.06	0.06	68.19	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	12.72	ppb
Tin	118-1	-0.02	0.00	-0.06	-0.03		ppb
Titanium	47-1	0.28	0.63	-0.16	0.25	159.49	ppb
Uranium	238-1	0.12	0.11	0.14	0.12	12.79	ppb
Vanadium	51-2	0.02	0.03	0.02	0.03	22.86	ppb
Yttrium	89-1				105		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0055DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:46:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	5.61	6.30	5.91	5.94	5.86	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	76.39	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	66.15	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0055L	Dilution Factor :	5
Date & Time Acquired ::	2020-05-05 14:49:30	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	-0.03	-0.98	0.11	1074.00	ppb
Antimony	121-1	0.02	0.00	0.03	0.02	87.67	ppb
Arsenic	75-2	0.11	0.13	0.09	0.11	17.40	ppb
Barium	135-1	2.25	2.03	1.98	2.09	6.72	ppb
Barium	137-1	2.15	2.19	2.45	2.26	7.08	ppb
Beryllium	9-1	0.04	-0.01	0.00	0.01	270.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	25.06	23.65	24.19	24.30	2.95	ppb
Boron	11-1	26.41	26.09	24.93	25.81	3.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.30	-0.09	0.13	-0.09		ppb
Cadmium	106-1	-4.08	-1.31	1.95	-1.14		ppb
Cadmium	108-1	-0.04	0.19	0.28	0.14	112.80	ppb
Calcium	43-1	6715.38	6732.40	6635.73	6694.50	0.77	ppb
Calcium	44-1	6622.33	6698.69	6743.23	6688.08	0.91	ppb
Chromium	52-2	-0.01	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.60	0.56	0.55	0.57	4.95	ppb
Copper	63-2	0.36	0.32	0.33	0.34	6.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	21.70	21.67	19.29	20.89	6.62	ppb
Iron	56-2	20.49	21.00	20.61	20.70	1.30	ppb
Iron	57-2	15.06	16.53	16.34	15.98	5.00	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.20	0.19	0.22	22.35	ppb
Lead	207-1	0.20	0.17	0.19	0.18	8.23	ppb
Lead	208-1	0.19	0.18	0.17	0.18	4.86	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0055L	Dilution Factor :	5
Date & Time Acquired ::	2020-05-05 14:49:30	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1847.82	1885.14	1853.68	1862.21	1.08	ppb
Manganese	55-2	1009.86	1024.44	1019.24	1017.85	0.73	ppb
Molybdenum	94-1	0.03	0.07	0.03	0.04	52.52	ppb
Molybdenum	95-1	0.06	0.08	0.02	0.06	53.96	ppb
Molybdenum	96-1	0.01	0.08	0.10	0.06	78.37	ppb
Molybdenum	97-1	0.02	0.04	0.06	0.04	55.34	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.82	0.57	0.64	23.72	ppb
Phosphorus	31-2	90.26	45.62	-37.15	32.91	196.42	ppb
Potassium	39-2	579.75	570.30	558.19	569.41	1.90	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	-1.03	2.26	-0.17	0.35	485.47	ppb
Selenium	77-2	3.61	-0.78	-0.78	0.69	368.65	ppb
Selenium	78-2	0.79	2.97	-1.04	0.91	221.15	ppb
Silicon	28-1	1146.74	1163.35	1152.39	1154.16	0.73	ppb
Silver	109-1	0.00	0.02	0.00	0.01	111.69	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	935.85	965.53	954.09	951.82	1.57	ppb
Strontium	86-1	32.10	32.00	33.35	32.48	2.31	ppb
Strontium	88-1	33.58	32.62	33.29	33.16	1.49	ppb
Sulfur	34-1	-6958.87	-7821.77	-7087.93	-7289.52		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.02	0.01	0.01	36.87	ppb
Tin	118-1	0.02	0.00	-0.02	0.00		ppb
Titanium	47-1	0.02	-0.10	0.03	-0.02		ppb
Uranium	238-1	0.03	0.02	0.03	0.03	18.36	ppb
Vanadium	51-2	-0.02	0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0055L	Dilution Factor :	5
Date & Time Acquired ::	2020-05-05 14:49:30	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	1.69	1.99	2.03	1.90	9.55	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-10	Instrumnet Name :	P8
Client Sample ID :	S45-0055MS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:52:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10436.44	10405.57	10397.35	10413.12	0.20	ppb
Antimony	121-1	510.61	497.10	506.74	504.82	1.38	ppb
Arsenic	75-2	526.33	527.14	519.71	524.39	0.78	ppb
Barium	135-1	2612.05	2574.75	2635.93	2607.57	1.18	ppb
Barium	137-1	2607.18	2534.29	2558.86	2566.78	1.44	ppb
Beryllium	9-1	504.00	506.22	506.15	505.46	0.25	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	412.85	495.50	547.84	485.40	14.02	ppb
Boron	11-1	409.52	492.59	548.44	483.52	14.46	ppb
Bromine	81-1						cps
Cadmium	111-1	503.29	501.51	497.18	500.66	0.63	ppb
Cadmium	106-1	513.02	508.36	499.33	506.90	1.37	ppb
Cadmium	108-1	506.87	504.66	501.65	504.39	0.52	ppb
Calcium	43-1	84890.50	87763.18	86306.47	86320.05	1.66	ppb
Calcium	44-1	83888.04	85479.21	83993.96	84453.74	1.05	ppb
Chromium	52-2	501.39	505.27	505.05	503.91	0.43	ppb
Cobalt	59-2	512.60	514.26	513.34	513.40	0.16	ppb
Copper	63-2	1028.63	1025.23	1024.85	1026.24	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	27974.62	27763.08	28035.25	27924.32	0.51	ppb
Iron	56-2	27632.33	27289.54	27662.94	27528.27	0.75	ppb
Iron	57-2	27334.66	27162.98	27414.53	27304.06	0.47	ppb
Krypton	83-1						cps
Lead	206-1	519.27	526.04	524.72	523.34	0.69	ppb
Lead	207-1	517.81	528.87	531.17	525.95	1.36	ppb
Lead	208-1	524.19	531.84	530.98	529.00	0.79	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-10	Instrumnet Name :	P8
Client Sample ID :	S45-0055MS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:52:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	63015.81	62284.32	63341.40	62880.51	0.86	ppb
Manganese	55-2	6136.98	6125.05	6149.36	6137.13	0.20	ppb
Molybdenum	94-1	2539.93	2608.03	2521.31	2556.42	1.79	ppb
Molybdenum	95-1	2554.94	2633.27	2560.06	2582.76	1.70	ppb
Molybdenum	96-1	2502.22	2598.48	2523.06	2541.25	1.99	ppb
Molybdenum	97-1	2492.55	2631.57	2557.69	2560.60	2.72	ppb
Molybdenum	98-1	2505.46	2587.49	2539.40	2544.11	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.15	525.51	524.99	522.89	0.79	ppb
Phosphorus	31-2	-48.87	-119.74	-125.67	-98.09		ppb
Potassium	39-2	31027.30	31261.59	31334.47	31207.79	0.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	495.84	516.32	501.48	504.55	2.10	ppb
Selenium	77-2	521.90	490.67	534.03	515.53	4.34	ppb
Selenium	78-2	519.55	501.95	520.21	513.90	2.02	ppb
Silicon	28-1	6106.43	6204.84	6099.65	6136.98	0.96	ppb
Silver	109-1	496.19	499.09	493.38	496.22	0.58	ppb
Silver	107-1	502.10	502.71	508.93	504.58	0.75	ppb
Sodium	23-2	56661.39	58760.85	57386.56	57602.93	1.85	ppb
Strontium	86-1	655.38	672.55	664.98	664.30	1.30	ppb
Strontium	88-1	658.07	678.36	659.48	665.31	1.70	ppb
Sulfur	34-1	-4826.27	-5188.76	-5957.78	-5324.27		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	503.57	506.85	497.85	502.76	0.91	ppb
Thallium	205-1	505.06	515.61	511.11	510.59	1.04	ppb
Tin	118-1	523.25	519.88	522.08	521.74	0.33	ppb
Titanium	47-1	2489.34	2554.15	2510.11	2517.87	1.31	ppb
Uranium	238-1	513.81	523.65	504.07	513.85	1.91	ppb
Vanadium	51-2	508.90	511.28	508.03	509.40	0.33	ppb
Yttrium	89-1				107		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-10	Instrumnet Name :	P8
Client Sample ID :	S45-0055MS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:52:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	1037.17	1042.60	1046.16	1041.98	0.43	ppb
Zirconium	90-1	504.59	508.84	511.42	508.28	0.68	ppb
Zirconium	91-1	498.34	513.73	494.57	502.21	2.02	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-11	Instrumnet Name :	P8
Client Sample ID :	S45-0055MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:55:10	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10446.51	10149.50	10237.87	10277.96	1.48	ppb
Antimony	121-1	504.14	503.79	505.99	504.64	0.23	ppb
Arsenic	75-2	527.66	526.34	522.14	525.38	0.55	ppb
Barium	135-1	2573.43	2625.15	2574.35	2590.98	1.14	ppb
Barium	137-1	2596.25	2525.48	2510.19	2543.97	1.80	ppb
Beryllium	9-1	499.24	504.38	497.54	500.39	0.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	469.67	550.50	600.06	540.08	12.19	ppb
Boron	11-1	475.38	554.34	597.59	542.44	11.42	ppb
Bromine	81-1						cps
Cadmium	111-1	497.59	501.70	500.90	500.07	0.44	ppb
Cadmium	106-1	498.64	494.75	491.77	495.06	0.70	ppb
Cadmium	108-1	502.20	505.90	508.86	505.65	0.66	ppb
Calcium	43-1	86229.96	84878.32	85518.49	85542.26	0.79	ppb
Calcium	44-1	83778.74	84049.18	83159.50	83662.47	0.55	ppb
Chromium	52-2	506.71	500.75	501.65	503.03	0.64	ppb
Cobalt	59-2	515.59	503.48	507.02	508.70	1.22	ppb
Copper	63-2	1031.64	1004.18	1010.82	1015.55	1.41	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				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	28016.49	27605.97	27439.18	27687.22	1.07	ppb
Iron	56-2	27762.79	27270.82	27330.79	27454.80	0.98	ppb
Iron	57-2	27297.49	26792.67	26981.99	27024.05	0.94	ppb
Krypton	83-1						cps
Lead	206-1	510.27	520.59	522.34	517.74	1.26	ppb
Lead	207-1	514.21	524.40	513.51	517.37	1.18	ppb
Lead	208-1	523.33	527.47	516.66	522.48	1.04	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-11	Instrumnet Name :	P8
Client Sample ID :	S45-0055MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:55:10	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	63051.30	61896.95	61209.94	62052.73	1.50	ppb
Manganese	55-2	6139.30	5987.28	6075.07	6067.21	1.26	ppb
Molybdenum	94-1	2479.17	2525.66	2533.61	2512.81	1.17	ppb
Molybdenum	95-1	2483.21	2556.23	2526.11	2521.85	1.46	ppb
Molybdenum	96-1	2456.49	2546.16	2543.19	2515.28	2.03	ppb
Molybdenum	97-1	2495.53	2551.91	2543.59	2530.35	1.20	ppb
Molybdenum	98-1	2460.70	2531.83	2558.01	2516.85	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.08	511.96	516.66	519.23	1.70	ppb
Phosphorus	31-2	-108.98	-98.18	-96.28	-101.15		ppb
Potassium	39-2	31078.85	30755.66	31102.60	30979.04	0.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	492.42	504.65	508.46	501.84	1.67	ppb
Selenium	77-2	525.21	506.15	547.51	526.29	3.93	ppb
Selenium	78-2	514.63	526.12	525.43	522.06	1.23	ppb
Silicon	28-1	6162.84	6197.62	6114.88	6158.45	0.67	ppb
Silver	109-1	500.23	501.11	501.03	500.79	0.10	ppb
Silver	107-1	499.95	500.55	502.75	501.08	0.29	ppb
Sodium	23-2	58584.05	57306.47	57237.40	57709.31	1.31	ppb
Strontium	86-1	644.61	661.48	664.53	656.87	1.63	ppb
Strontium	88-1	664.62	674.00	657.39	665.33	1.25	ppb
Sulfur	34-1	-3283.83	-5220.46	-5513.90	-4672.73		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	492.64	499.78	496.44	496.29	0.72	ppb
Thallium	205-1	491.40	504.67	500.65	498.90	1.36	ppb
Tin	118-1	516.53	518.56	526.29	520.46	0.99	ppb
Titanium	47-1	2477.79	2465.50	2491.55	2478.28	0.53	ppb
Uranium	238-1	499.07	512.23	513.42	508.24	1.57	ppb
Vanadium	51-2	515.68	506.79	511.32	511.26	0.87	ppb
Yttrium	89-1				106		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-11	Instrumnet Name :	P8
Client Sample ID :	S45-0055MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:55:10	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	1025.38	1029.35	1019.29	1024.68	0.49	ppb
Zirconium	90-1	498.51	504.31	510.43	504.42	1.18	ppb
Zirconium	91-1	491.19	502.51	504.28	499.32	1.42	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09A	Instrumnet Name :	P8
Client Sample ID :	S45-0055A	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:57:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10436.45	10294.05	10343.04	10357.84	0.70	ppb
Antimony	121-1	505.97	498.56	508.11	504.21	0.99	ppb
Arsenic	75-2	524.68	522.49	529.49	525.55	0.68	ppb
Barium	135-1	2591.43	2568.70	2594.43	2584.86	0.54	ppb
Barium	137-1	2551.40	2583.61	2565.50	2566.84	0.63	ppb
Beryllium	9-1	509.10	504.19	504.09	505.79	0.57	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	499.88	577.58	628.92	568.79	11.42	ppb
Boron	11-1	505.79	580.35	625.76	570.63	10.62	ppb
Bromine	81-1						cps
Cadmium	111-1	502.86	500.43	505.91	503.06	0.55	ppb
Cadmium	106-1	499.42	488.43	495.21	494.35	1.12	ppb
Cadmium	108-1	501.91	497.94	521.68	507.17	2.51	ppb
Calcium	43-1	88097.26	87736.91	86712.99	87515.72	0.82	ppb
Calcium	44-1	86519.18	84596.54	84062.12	85059.28	1.52	ppb
Chromium	52-2	499.21	498.67	494.28	497.39	0.54	ppb
Cobalt	59-2	511.08	504.95	507.76	507.93	0.60	ppb
Copper	63-2	1013.08	1010.53	1007.59	1010.40	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	27829.39	27506.49	27679.66	27671.85	0.58	ppb
Iron	56-2	27444.20	27437.35	27156.58	27346.04	0.60	ppb
Iron	57-2	27285.15	26965.75	27227.61	27159.50	0.63	ppb
Krypton	83-1						cps
Lead	206-1	524.16	517.75	521.90	521.27	0.62	ppb
Lead	207-1	521.86	518.53	522.34	520.91	0.40	ppb
Lead	208-1	530.16	525.44	533.86	529.82	0.80	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09A	Instrumnet Name :	P8
Client Sample ID :	S45-0055A	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:57:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	62881.35	61869.14	62530.05	62426.85	0.82	ppb
Manganese	55-2	6043.13	6144.42	6129.16	6105.57	0.89	ppb
Molybdenum	94-1	2580.24	2565.82	2575.08	2573.71	0.28	ppb
Molybdenum	95-1	2637.26	2553.03	2609.99	2600.09	1.65	ppb
Molybdenum	96-1	2573.71	2545.08	2589.56	2569.45	0.88	ppb
Molybdenum	97-1	2578.02	2562.63	2615.79	2585.48	1.06	ppb
Molybdenum	98-1	2573.76	2523.43	2564.57	2553.92	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.60	519.40	514.70	516.90	0.46	ppb
Phosphorus	31-2	9.73	-83.89	-114.06	-62.74		ppb
Potassium	39-2	31033.97	30765.36	30787.92	30862.41	0.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	512.08	505.02	512.68	509.93	0.84	ppb
Selenium	77-2	518.18	504.41	500.20	507.60	1.85	ppb
Selenium	78-2	535.45	516.56	510.16	520.72	2.52	ppb
Silicon	28-1	6261.08	6318.31	6143.55	6240.98	1.43	ppb
Silver	109-1	491.72	491.73	501.77	495.07	1.17	ppb
Silver	107-1	500.02	494.31	512.29	502.21	1.83	ppb
Sodium	23-2	57073.46	57004.32	57652.54	57243.44	0.62	ppb
Strontium	86-1	677.72	658.03	666.99	667.58	1.48	ppb
Strontium	88-1	684.04	657.28	673.72	671.68	2.01	ppb
Sulfur	34-1	-3550.59	-4433.42	-5957.01	-4647.01		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	502.04	496.58	504.06	500.89	0.77	ppb
Thallium	205-1	511.45	504.69	501.66	505.93	0.99	ppb
Tin	118-1	523.67	522.00	532.28	525.98	1.05	ppb
Titanium	47-1	2552.86	2527.52	2505.16	2528.51	0.94	ppb
Uranium	238-1	516.77	504.89	515.80	512.49	1.29	ppb
Vanadium	51-2	506.73	507.47	511.94	508.71	0.55	ppb
Yttrium	89-1				105		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09A	Instrumnet Name :	P8
Client Sample ID :	S45-0055A	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:57:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	1023.93	1021.87	1020.61	1022.14	0.16	ppb
Zirconium	90-1	516.34	500.18	510.38	508.96	1.61	ppb
Zirconium	91-1	510.94	497.02	506.31	504.76	1.40	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-12	Instrumnet Name :	P8
Client Sample ID :	S45-0056	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:00:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.29	23.41	22.46	22.39	4.73	ppb
Antimony	121-1	0.11	0.09	0.10	0.10	11.42	ppb
Arsenic	75-2	10.25	10.06	9.96	10.09	1.46	ppb
Barium	135-1	24.84	25.56	26.46	25.62	3.16	ppb
Barium	137-1	24.85	24.92	24.87	24.88	0.14	ppb
Beryllium	9-1	0.14	0.13	0.10	0.12	18.44	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	134.56	132.95	123.47	130.33	4.60	ppb
Boron	11-1	136.11	129.33	125.05	130.16	4.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.11	-0.15	-0.16		ppb
Cadmium	106-1	-2.68	-1.67	-2.03	-2.13		ppb
Cadmium	108-1	0.03	-0.04	0.11	0.03	234.30	ppb
Calcium	43-1	46082.00	46178.34	46922.21	46394.19	0.99	ppb
Calcium	44-1	44698.55	45406.34	46690.76	45598.55	2.21	ppb
Chromium	52-2	0.29	0.39	0.20	0.29	32.27	ppb
Cobalt	59-2	0.48	0.51	0.44	0.47	7.19	ppb
Copper	63-2	0.48	0.44	0.39	0.44	10.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	11061.35	11651.55	11543.58	11418.83	2.75	ppb
Iron	56-2	11059.72	11610.04	11482.05	11383.94	2.53	ppb
Iron	57-2	10804.11	11486.09	11425.40	11238.53	3.36	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.43	0.40	0.41	3.62	ppb
Lead	207-1	0.36	0.35	0.34	0.35	3.53	ppb
Lead	208-1	0.39	0.39	0.38	0.38	1.94	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-12	Instrumnet Name :	P8
Client Sample ID :	S45-0056	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:00:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	10404.38	10699.77	10675.01	10593.05	1.55	ppb
Manganese	55-2	635.71	670.63	662.30	656.22	2.78	ppb
Molybdenum	94-1	0.22	0.27	0.27	0.25	10.81	ppb
Molybdenum	95-1	0.42	0.37	0.28	0.36	19.59	ppb
Molybdenum	96-1	0.31	0.24	0.25	0.27	13.47	ppb
Molybdenum	97-1	0.34	0.22	0.28	0.28	22.86	ppb
Molybdenum	98-1	0.32	0.30	0.33	0.32	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.62	2.43	2.42	8.56	ppb
Phosphorus	31-2	-85.05	-89.28	-4.89	-59.74		ppb
Potassium	39-2	3303.26	3445.57	3479.01	3409.28	2.74	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.94	-0.43	1.18	0.56	155.13	ppb
Selenium	77-2	3.47	-0.78	-0.78	0.64	383.30	ppb
Selenium	78-2	-0.38	-0.77	-0.42	-0.52		ppb
Silicon	28-1	3950.36	4040.74	4088.78	4026.62	1.75	ppb
Silver	109-1	0.03	0.03	0.02	0.03	12.41	ppb
Silver	107-1	0.02	0.02	0.01	0.02	38.43	ppb
Sodium	23-2	6534.91	6759.28	6776.08	6690.09	2.01	ppb
Strontium	86-1	191.37	194.34	195.44	193.72	1.09	ppb
Strontium	88-1	197.32	198.59	201.71	199.21	1.13	ppb
Sulfur	34-1	-18.30	961.38	805.59	582.89	90.32	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.27	0.24	0.20	0.24	13.67	ppb
Thallium	205-1	0.30	0.22	0.23	0.25	16.85	ppb
Tin	118-1	-0.01	0.05	0.04	0.03	114.53	ppb
Titanium	47-1	0.31	-0.01	0.05	0.12	143.53	ppb
Uranium	238-1	0.08	0.07	0.08	0.08	5.36	ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	29.09	ppb
Yttrium	89-1				110		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-12	Instrumnet Name :	P8
Client Sample ID :	S45-0056	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:00:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	10.86	12.03	11.04	11.31	5.58	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.61	ppb
Zirconium	91-1	0.01	0.04	0.05	0.03	58.36	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:03:47	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55623.88	55313.01	55772.76	55569.88	0.42	ppb
Antimony	121-1	513.88	501.87	500.16	505.30	1.48	ppb
Arsenic	75-2	514.85	509.29	505.48	509.88	0.92	ppb
Barium	135-1	2662.68	2551.61	2517.43	2577.24	2.95	ppb
Barium	137-1	2638.72	2586.28	2536.08	2587.03	1.98	ppb
Beryllium	9-1	534.62	511.79	514.69	520.37	2.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	486.50	551.97	589.17	542.55	9.58	ppb
Boron	11-1	496.62	552.57	594.86	548.02	8.99	ppb
Bromine	81-1						cps
Cadmium	111-1	512.21	498.76	494.73	501.90	1.82	ppb
Cadmium	106-1	510.89	503.97	490.29	501.72	2.09	ppb
Cadmium	108-1	514.99	491.34	490.68	499.00	2.78	ppb
Calcium	43-1	280161.76	277143.04	272044.01	276449.60	1.48	ppb
Calcium	44-1	274404.79	269066.85	268449.14	270640.26	1.21	ppb
Chromium	52-2	528.94	523.08	521.34	524.45	0.76	ppb
Cobalt	59-2	507.21	508.20	507.88	507.76	0.10	ppb
Copper	63-2	5054.79	5034.61	5049.39	5046.26	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	134750.65	135396.27	133427.48	134524.80	0.75	ppb
Iron	56-2	132405.16	134206.91	132864.43	133158.83	0.70	ppb
Iron	57-2	135393.85	136566.60	134953.54	135637.99	0.61	ppb
Krypton	83-1						cps
Lead	206-1	2658.86	2524.53	2598.30	2593.89	2.59	ppb
Lead	207-1	2592.05	2530.66	2565.65	2562.79	1.20	ppb
Lead	208-1	2630.38	2534.47	2563.99	2576.28	1.91	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:03:47	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	265820.94	263953.31	264296.03	264690.10	0.38	ppb
Manganese	55-2	5194.53	5188.51	5202.81	5195.29	0.14	ppb
Molybdenum	94-1	2609.26	2537.11	2546.04	2564.14	1.53	ppb
Molybdenum	95-1	2632.47	2593.70	2554.87	2593.68	1.50	ppb
Molybdenum	96-1	2643.85	2571.69	2507.77	2574.44	2.64	ppb
Molybdenum	97-1	2651.34	2616.25	2556.95	2608.18	1.83	ppb
Molybdenum	98-1	2608.00	2576.19	2539.33	2574.51	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.56	510.83	512.53	510.97	0.29	ppb
Phosphorus	31-2	10358.85	10646.80	10302.55	10436.07	1.77	ppb
Potassium	39-2	138420.32	139304.38	139818.44	139181.05	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	514.92	505.40	498.70	506.34	1.61	ppb
Selenium	77-2	523.42	555.33	579.45	552.73	5.08	ppb
Selenium	78-2	514.14	495.11	504.15	504.47	1.89	ppb
Silicon	28-1	422.35	482.42	484.67	463.15	7.63	ppb
Silver	109-1	514.98	504.35	493.79	504.38	2.10	ppb
Silver	107-1	520.16	497.95	502.10	506.74	2.33	ppb
Sodium	23-2	271038.79	268669.19	272847.39	270851.79	0.77	ppb
Strontium	86-1	510.15	508.53	501.11	506.60	0.95	ppb
Strontium	88-1	518.19	508.36	512.04	512.86	0.97	ppb
Sulfur	34-1	9089.81	8874.54	6545.02	8169.79	17.27	ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	524.81	505.73	508.67	513.07	2.00	ppb
Thallium	205-1	536.92	510.77	520.22	522.64	2.53	ppb
Tin	118-1	518.23	504.49	505.79	509.50	1.49	ppb
Titanium	47-1	2582.07	2574.58	2502.09	2552.91	1.73	ppb
Uranium	238-1	521.90	499.22	502.26	507.79	2.42	ppb
Vanadium	51-2	517.18	517.71	514.70	516.53	0.31	ppb
Yttrium	89-1				108		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:03:47	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	5040.17	5011.26	5062.01	5037.81	0.51	ppb
Zirconium	90-1	527.65	508.02	514.40	516.69	1.94	ppb
Zirconium	91-1	512.18	504.12	503.21	506.50	0.98	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:08:01	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.52	-1.34	-3.46	-2.10		ppb
Antimony	121-1	0.06	0.05	0.06	0.06	14.75	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	132.36	ppb
Barium	135-1	-0.04	-0.04	0.07	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	2.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	65.94	62.25	62.71	63.63	3.16	ppb
Boron	11-1	66.93	63.81	61.51	64.08	4.24	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.15	0.01	-0.09		ppb
Cadmium	106-1	-1.77	-1.84	-0.17	-1.26		ppb
Cadmium	108-1	-0.11	-0.04	-0.11	-0.09		ppb
Calcium	43-1	-33.71	-24.41	-32.75	-30.29		ppb
Calcium	44-1	-23.14	-26.19	-32.19	-27.17		ppb
Chromium	52-2	0.05	-0.03	-0.05	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.66	0.76	0.57	0.66	14.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	-1.68	0.85	0.65	-0.06		ppb
Iron	56-2	1.51	1.10	1.07	1.22	20.20	ppb
Iron	57-2	0.76	-1.44	3.14	0.82	277.92	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.42	0.49	0.47	8.62	ppb
Lead	207-1	0.45	0.44	0.41	0.44	5.10	ppb
Lead	208-1	0.48	0.45	0.42	0.45	6.70	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:08:01	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	0.21	1.46	0.49	0.72	90.61	ppb
Manganese	55-2	0.03	-0.05	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.06	0.03	0.04	52.52	ppb
Molybdenum	95-1	0.06	0.04	0.07	0.06	28.72	ppb
Molybdenum	96-1	0.04	0.04	0.00	0.02	100.18	ppb
Molybdenum	97-1	0.06	0.04	0.03	0.04	41.73	ppb
Molybdenum	98-1	0.06	0.06	0.03	0.05	34.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	-0.10	-0.04		ppb
Phosphorus	31-2	-1.83	-87.95	-71.54	-53.77		ppb
Potassium	39-2	19.09	40.27	4.29	21.22	85.23	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	1.75	0.09	0.27	0.70	128.90	ppb
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	0.05	0.11	0.89	0.35	134.98	ppb
Silicon	28-1	-10.98	-12.23	-17.65	-13.62		ppb
Silver	109-1	0.04	0.02	0.03	0.03	31.71	ppb
Silver	107-1	0.04	0.03	0.05	0.04	34.94	ppb
Sodium	23-2	47.44	74.56	34.22	52.07	39.48	ppb
Strontium	86-1	0.19	0.03	0.09	0.10	79.59	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3809.25	-3285.92	-4343.01	-3812.73		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.18	0.12	0.17	22.61	ppb
Thallium	205-1	0.20	0.18	0.16	0.18	13.54	ppb
Tin	118-1	0.05	0.01	0.01	0.02	96.17	ppb
Titanium	47-1	0.19	0.02	-0.09	0.04	347.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	42.30	ppb
Vanadium	51-2	0.00	-0.02	0.00	-0.01		ppb
Yttrium	89-1				104		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:08:01	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.29	0.46	0.30	0.35	28.49	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	229.64	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-13	Instrumnet Name :	P8
Client Sample ID :	S45-0057	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:10:51	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.65	30.19	25.19	29.34	12.96	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	14.29	ppb
Arsenic	75-2	37.80	36.10	37.51	37.13	2.44	ppb
Barium	135-1	35.34	35.61	35.50	35.48	0.38	ppb
Barium	137-1	36.68	35.62	35.07	35.79	2.28	ppb
Beryllium	9-1	0.08	0.05	0.03	0.05	40.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	56.85	60.23	58.59	58.56	2.89	ppb
Boron	11-1	56.27	59.77	58.29	58.11	3.03	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.04	-0.04	0.00		ppb
Cadmium	106-1	-0.39	0.71	-0.60	-0.09		ppb
Cadmium	108-1	0.03	0.10	-0.04	0.03	232.99	ppb
Calcium	43-1	84913.99	85358.34	85927.66	85400.00	0.59	ppb
Calcium	44-1	83365.89	83921.30	85222.74	84169.98	1.13	ppb
Chromium	52-2	0.15	0.06	0.03	0.08	75.54	ppb
Cobalt	59-2	0.84	0.80	0.83	0.82	2.71	ppb
Copper	63-2	0.37	0.35	0.39	0.37	5.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	22776.07	22557.59	22378.14	22570.60	0.88	ppb
Iron	56-2	23017.86	22444.49	22661.33	22707.89	1.27	ppb
Iron	57-2	22976.18	22105.49	22336.85	22472.84	2.01	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.49	0.39	0.43	11.69	ppb
Lead	207-1	0.41	0.42	0.33	0.38	12.62	ppb
Lead	208-1	0.44	0.42	0.39	0.42	5.50	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-13	Instrumnet Name :	P8
Client Sample ID :	S45-0057	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:10:51	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	8507.17	8411.01	8299.68	8405.95	1.24	ppb
Manganese	55-2	1824.32	1812.07	1808.61	1815.00	0.45	ppb
Molybdenum	94-1	0.38	0.47	0.48	0.44	11.95	ppb
Molybdenum	95-1	0.60	0.49	0.43	0.51	17.22	ppb
Molybdenum	96-1	0.47	0.39	0.50	0.45	12.03	ppb
Molybdenum	97-1	0.52	0.44	0.46	0.47	8.57	ppb
Molybdenum	98-1	0.49	0.47	0.44	0.47	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.18	1.34	1.33	10.89	ppb
Phosphorus	31-2	23.07	-1.78	-8.92	4.12	407.26	ppb
Potassium	39-2	4601.32	4619.19	4517.94	4579.48	1.18	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	-0.89	0.59	2.84	0.85	221.42	ppb
Selenium	77-2	1.35	1.33	3.40	2.02	58.84	ppb
Selenium	78-2	-0.37	-0.60	1.38	0.14	796.79	ppb
Silicon	28-1	5370.60	5473.46	5572.44	5472.17	1.84	ppb
Silver	109-1	0.02	0.01	0.00	0.01	86.77	ppb
Silver	107-1	0.01	0.00	0.01	0.01	96.17	ppb
Sodium	23-2	5197.24	5102.69	5106.68	5135.54	1.04	ppb
Strontium	86-1	218.81	215.16	215.88	216.62	0.89	ppb
Strontium	88-1	221.79	219.79	221.27	220.95	0.47	ppb
Sulfur	34-1	-4201.59	-5089.21	-4593.81	-4628.20		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.06	0.04	0.05	17.97	ppb
Thallium	205-1	0.10	0.08	0.09	0.09	13.43	ppb
Tin	118-1	0.03	0.05	0.09	0.06	52.48	ppb
Titanium	47-1	0.32	0.08	0.07	0.16	90.54	ppb
Uranium	238-1	0.32	0.35	0.34	0.34	4.09	ppb
Vanadium	51-2	0.13	0.14	0.12	0.13	8.94	ppb
Yttrium	89-1				110		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-13	Instrumnet Name :	P8
Client Sample ID :	S45-0057	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:10:51	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	6.78	7.00	6.80	6.86	1.77	ppb
Zirconium	90-1	0.07	0.07	0.04	0.06	27.25	ppb
Zirconium	91-1	0.07	0.02	0.06	0.05	45.12	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-14	Instrumnet Name :	P8
Client Sample ID :	S45-0058	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:13:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.68	0.79	-0.01	0.03	2228.01	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	14.80	ppb
Arsenic	75-2	39.68	36.65	36.95	37.76	4.41	ppb
Barium	135-1	33.39	35.75	34.52	34.55	3.42	ppb
Barium	137-1	35.03	34.34	35.14	34.84	1.26	ppb
Beryllium	9-1	0.03	0.06	0.04	0.04	33.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	51.68	50.76	50.51	50.98	1.21	ppb
Boron	11-1	50.08	53.24	52.47	51.93	3.17	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.04	-0.04	-0.08		ppb
Cadmium	106-1	-2.17	-0.42	-0.67	-1.09		ppb
Cadmium	108-1	-0.11	0.12	0.18	0.06	256.04	ppb
Calcium	43-1	81611.57	83569.16	82090.44	82423.72	1.24	ppb
Calcium	44-1	80622.96	82486.26	80491.56	81200.26	1.37	ppb
Chromium	52-2	0.31	0.17	0.20	0.23	32.51	ppb
Cobalt	59-2	0.79	0.76	0.81	0.79	3.52	ppb
Copper	63-2	0.45	0.34	0.42	0.40	13.92	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				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	24839.63	23390.87	22881.55	23704.02	4.29	ppb
Iron	56-2	24646.34	23694.79	22721.77	23687.64	4.06	ppb
Iron	57-2	24572.57	23418.87	22549.42	23513.62	4.32	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.31	0.27	0.30	8.22	ppb
Lead	207-1	0.29	0.29	0.34	0.31	8.09	ppb
Lead	208-1	0.31	0.29	0.32	0.31	6.03	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-14	Instrumnet Name :	P8
Client Sample ID :	S45-0058	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:13:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	8956.86	8640.87	8327.30	8641.68	3.64	ppb
Manganese	55-2	2028.35	1904.07	1850.19	1927.54	4.74	ppb
Molybdenum	94-1	0.43	0.50	0.37	0.43	15.49	ppb
Molybdenum	95-1	0.40	0.48	0.42	0.43	9.41	ppb
Molybdenum	96-1	0.42	0.40	0.47	0.43	8.27	ppb
Molybdenum	97-1	0.47	0.40	0.38	0.42	11.81	ppb
Molybdenum	98-1	0.52	0.43	0.45	0.47	10.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.55	1.24	1.45	12.19	ppb
Phosphorus	31-2	-9.04	13.35	-26.94	-7.54		ppb
Potassium	39-2	4953.99	4660.59	4528.47	4714.35	4.62	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.60	0.46	-0.87	0.06	1288.05	ppb
Selenium	77-2	1.48	-0.78	-0.78	-0.02		ppb
Selenium	78-2	0.99	0.43	-0.13	0.43	130.48	ppb
Silicon	28-1	5396.07	5486.60	5489.74	5457.47	0.97	ppb
Silver	109-1	0.01	0.01	0.00	0.01	57.81	ppb
Silver	107-1	0.00	0.02	0.00	0.01	134.00	ppb
Sodium	23-2	5505.29	5324.67	5084.18	5304.71	3.98	ppb
Strontium	86-1	211.16	214.68	213.75	213.19	0.86	ppb
Strontium	88-1	212.43	216.60	219.39	216.14	1.62	ppb
Sulfur	34-1	-3746.49	-4040.54	-5055.70	-4280.91		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.05	0.03	62.56	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	8.70	ppb
Tin	118-1	0.01	-0.02	-0.02	-0.01		ppb
Titanium	47-1	0.33	0.33	0.40	0.36	11.38	ppb
Uranium	238-1	0.36	0.36	0.32	0.35	6.10	ppb
Vanadium	51-2	0.10	0.06	0.10	0.09	25.32	ppb
Yttrium	89-1				108		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-14	Instrumnet Name :	P8
Client Sample ID :	S45-0058	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:13:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	7.81	8.63	7.25	7.90	8.79	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	8.08	ppb
Zirconium	91-1	0.16	0.03	0.07	0.09	72.66	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-15	Instrumnet Name :	P8
Client Sample ID :	S45-0059	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:16:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.41	32.02	31.94	31.13	4.77	ppb
Antimony	121-1	0.09	0.09	0.07	0.08	15.32	ppb
Arsenic	75-2	3.71	3.64	3.42	3.59	4.20	ppb
Barium	135-1	15.90	15.04	15.16	15.37	3.05	ppb
Barium	137-1	16.48	15.35	14.69	15.51	5.81	ppb
Beryllium	9-1	0.05	0.02	0.04	0.04	33.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	42.61	44.62	42.37	43.20	2.86	ppb
Boron	11-1	44.13	42.46	41.50	42.70	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.07	-0.15	-0.10		ppb
Cadmium	106-1	-1.26	-0.92	-2.39	-1.52		ppb
Cadmium	108-1	0.21	-0.11	-0.04	0.02	958.84	ppb
Calcium	43-1	24993.88	23178.94	23018.38	23730.40	4.62	ppb
Calcium	44-1	24821.55	23135.65	23078.97	23678.72	4.18	ppb
Chromium	52-2	0.26	0.35	0.30	0.31	14.84	ppb
Cobalt	59-2	0.25	0.25	0.28	0.26	6.77	ppb
Copper	63-2	0.91	0.92	0.88	0.91	2.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	54-2	775.22	767.61	790.43	777.75	1.49	ppb
Iron	56-2	757.45	771.04	765.87	764.79	0.90	ppb
Iron	57-2	751.93	763.39	737.56	750.96	1.72	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.43	0.41	0.43	7.31	ppb
Lead	207-1	0.40	0.32	0.33	0.35	13.14	ppb
Lead	208-1	0.39	0.36	0.35	0.37	5.00	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-15	Instrumnet Name :	P8
Client Sample ID :	S45-0059	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:16:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	6927.83	7046.97	6963.96	6979.59	0.88	ppb
Manganese	55-2	69.77	71.40	70.03	70.40	1.25	ppb
Molybdenum	94-1	0.22	0.22	0.08	0.17	47.23	ppb
Molybdenum	95-1	0.20	0.16	0.17	0.18	11.63	ppb
Molybdenum	96-1	0.17	0.18	0.11	0.15	26.81	ppb
Molybdenum	97-1	0.17	0.21	0.16	0.18	15.53	ppb
Molybdenum	98-1	0.12	0.18	0.16	0.15	19.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.41	1.35	1.37	2.19	ppb
Phosphorus	31-2	-37.95	-36.07	-21.76	-31.93		ppb
Potassium	39-2	2573.02	2623.52	2630.55	2609.03	1.20	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	0.49	2.10	1.45	1.35	60.17	ppb
Selenium	77-2	-0.78	1.32	-0.78	-0.08		ppb
Selenium	78-2	-0.94	1.43	0.52	0.34	354.95	ppb
Silicon	28-1	2905.33	2793.68	2775.75	2824.92	2.49	ppb
Silver	109-1	0.00	0.01	0.00	0.01	111.47	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	3909.79	3988.03	4043.79	3980.53	1.69	ppb
Strontium	86-1	106.13	101.90	101.55	103.20	2.47	ppb
Strontium	88-1	108.33	104.34	103.75	105.48	2.36	ppb
Sulfur	34-1	-270.86	-4428.80	-5473.32	-3390.99		ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.00	0.00	0.01	94.73	ppb
Thallium	205-1	0.02	0.02	0.00	0.01	62.06	ppb
Tin	118-1	-0.03	0.07	-0.04	0.00	76397.93	ppb
Titanium	47-1	1.41	1.11	1.10	1.21	14.43	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	9.29	ppb
Vanadium	51-2	0.19	0.23	0.25	0.23	14.32	ppb
Yttrium	89-1				106		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-15	Instrumnet Name :	P8
Client Sample ID :	S45-0059	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:16:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	11.59	10.79	12.52	11.63	7.41	ppb
Zirconium	90-1	0.03	0.00	0.02	0.02	74.22	ppb
Zirconium	91-1	0.07	0.03	0.02	0.04	67.99	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-16	Instrumnet Name :	P8
Client Sample ID :	S45-ER-2020-1	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:19:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.13	-3.98	-0.36	-1.82		ppb
Antimony	121-1	0.00	0.02	0.02	0.01	68.49	ppb
Arsenic	75-2	-0.03	-0.04	-0.01	-0.03		ppb
Barium	135-1	0.00	0.01	0.00	0.00	166.23	ppb
Barium	137-1	0.03	0.05	0.00	0.03	106.90	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	37.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	29.37	26.95	24.33	26.88	9.38	ppb
Boron	11-1	26.13	27.46	26.70	26.76	2.50	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.14	-0.15	-0.12		ppb
Cadmium	106-1	-0.88	-1.80	-1.92	-1.53		ppb
Cadmium	108-1	-0.04	0.04	0.12	0.04	185.10	ppb
Calcium	43-1	-25.87	-6.57	-12.78	-15.07		ppb
Calcium	44-1	-3.13	-3.18	-3.51	-3.28		ppb
Chromium	52-2	0.15	0.24	0.23	0.21	25.34	ppb
Cobalt	59-2	-0.01	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.31	0.23	0.34	0.29	20.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	2.96	5.40	1.06	3.14	69.19	ppb
Iron	56-2	1.90	1.57	1.61	1.69	10.44	ppb
Iron	57-2	1.03	-1.26	-1.96	-0.73		ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.29	0.26	10.45	ppb
Lead	207-1	0.21	0.19	0.13	0.18	22.24	ppb
Lead	208-1	0.21	0.22	0.19	0.21	8.27	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-16	Instrumnet Name :	P8
Client Sample ID :	S45-ER-2020-1	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:19:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	1.18	1.67	1.31	1.39	18.13	ppb
Manganese	55-2	0.11	0.18	0.10	0.13	30.31	ppb
Molybdenum	94-1	0.01	0.06	0.01	0.03	98.59	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	1.34	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	185.01	ppb
Molybdenum	97-1	0.02	-0.02	-0.02	0.00		ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	100.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.08	0.09	0.08	10.98	ppb
Phosphorus	31-2	-41.82	-77.19	-77.99	-65.67		ppb
Potassium	39-2	4.01	-8.59	-22.13	-8.91		ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	1.17	0.43	-1.10	0.17	683.17	ppb
Selenium	77-2	-0.78	-0.78	1.36	-0.06		ppb
Selenium	78-2	0.57	-0.70	-0.70	-0.28		ppb
Silicon	28-1	-14.20	-16.49	-20.23	-16.97		ppb
Silver	109-1	0.00	0.01	0.02	0.01	95.47	ppb
Silver	107-1	0.00	0.00	0.01	0.00	661.52	ppb
Sodium	23-2	16.77	5.50	-0.91	7.12	125.65	ppb
Strontium	86-1	0.08	0.13	-0.03	0.06	134.23	ppb
Strontium	88-1	0.07	0.07	0.07	0.07	4.38	ppb
Sulfur	34-1	-4598.95	-5477.25	-6060.42	-5378.88		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.00	0.00	946.68	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	105.62	ppb
Tin	118-1	-0.02	-0.04	0.00	-0.02		ppb
Titanium	47-1	-0.37	-0.04	-0.22	-0.21		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	239.28	ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Yttrium	89-1				106		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-16	Instrumnet Name :	P8
Client Sample ID :	S45-ER-2020-1	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:19:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	5.56	5.76	5.21	5.51	5.05	ppb
Zirconium	90-1	0.00	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	547.81	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-01	Instrumnet Name :	P8
Client Sample ID :	S73-0243	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:22:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.94	47.38	47.19	48.83	5.51	ppb
Antimony	121-1	0.07	0.03	0.29	0.13	109.79	ppb
Arsenic	75-2	14.95	14.19	14.13	14.43	3.15	ppb
Barium	135-1	49.63	50.74	53.03	51.13	3.39	ppb
Barium	137-1	48.82	48.99	50.40	49.40	1.76	ppb
Beryllium	9-1	0.01	0.06	0.03	0.03	60.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	10-1	37.99	41.94	42.89	40.94	6.35	ppb
Boron	11-1	35.90	42.59	41.52	40.00	8.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.07	0.13	-0.02		ppb
Cadmium	106-1	-1.63	-1.11	-2.72	-1.82		ppb
Cadmium	108-1	-0.05	-0.19	0.25	0.00	5674.77	ppb
Calcium	43-1	87012.95	86015.31	87557.11	86861.79	0.90	ppb
Calcium	44-1	86462.42	85292.19	85263.84	85672.82	0.80	ppb
Chromium	52-2	0.39	0.25	0.30	0.31	22.85	ppb
Cobalt	59-2	1.25	1.17	1.17	1.20	3.73	ppb
Copper	63-2	0.61	0.56	0.51	0.56	8.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	54-2	2449.54	2296.17	2255.59	2333.77	4.38	ppb
Iron	56-2	2475.00	2298.09	2303.92	2359.01	4.26	ppb
Iron	57-2	2447.93	2292.64	2265.61	2335.39	4.21	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.33	0.59	0.43	33.54	ppb
Lead	207-1	0.36	0.27	0.55	0.39	36.89	ppb
Lead	208-1	0.33	0.29	0.60	0.41	42.21	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-01	Instrumnet Name :	P8
Client Sample ID :	S73-0243	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:22:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	24408.60	22425.14	22101.81	22978.52	5.44	ppb
Manganese	55-2	1620.90	1488.66	1483.56	1531.04	5.09	ppb
Molybdenum	94-1	0.39	0.41	0.45	0.42	6.82	ppb
Molybdenum	95-1	0.50	0.51	0.54	0.52	4.25	ppb
Molybdenum	96-1	0.58	0.41	0.71	0.57	25.83	ppb
Molybdenum	97-1	0.51	0.46	1.17	0.71	55.70	ppb
Molybdenum	98-1	0.44	0.48	0.88	0.60	40.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.81	0.81	0.87	11.15	ppb
Phosphorus	31-2	64.36	-2.03	-109.77	-15.81		ppb
Potassium	39-2	6240.91	5793.46	5709.50	5914.62	4.83	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	-1.12	-0.89	-0.02	-0.68		ppb
Selenium	77-2	1.38	-0.78	-0.78	-0.06		ppb
Selenium	78-2	0.11	0.84	-0.40	0.18	342.90	ppb
Silicon	28-1	4665.07	4693.60	4613.10	4657.26	0.88	ppb
Silver	109-1	0.01	0.01	0.03	0.02	57.43	ppb
Silver	107-1	0.01	0.00	0.04	0.02	130.96	ppb
Sodium	23-2	33994.43	31962.36	32098.07	32684.95	3.48	ppb
Strontium	86-1	439.10	443.65	441.88	441.54	0.52	ppb
Strontium	88-1	451.04	449.14	451.02	450.40	0.24	ppb
Sulfur	34-1	3318.44	3503.05	2983.14	3268.21	8.06	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.03	-0.01	0.10	0.04	151.67	ppb
Thallium	205-1	0.03	0.00	0.13	0.05	123.06	ppb
Tin	118-1	0.00	-0.01	0.22	0.07	193.14	ppb
Titanium	47-1	2.00	2.30	2.27	2.19	7.51	ppb
Uranium	238-1	1.32	1.30	1.37	1.33	2.82	ppb
Vanadium	51-2	0.14	0.14	0.17	0.15	8.86	ppb
Yttrium	89-1				110		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-01	Instrumnet Name :	P8
Client Sample ID :	S73-0243	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:22:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	8.11	7.98	7.83	7.97	1.76	ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	19.88	ppb
Zirconium	91-1	0.06	0.13	0.06	0.08	47.77	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-02	Instrumnet Name :	P8
Client Sample ID :	S73-0241	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:25:01	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.88	80.27	74.32	76.16	4.69	ppb
Antimony	121-1	0.14	0.14	0.11	0.13	12.48	ppb
Arsenic	75-2	390.41	397.70	399.65	395.92	1.23	ppb
Barium	135-1	7.17	7.40	7.30	7.29	1.60	ppb
Barium	137-1	7.17	7.57	7.07	7.27	3.60	ppb
Beryllium	9-1	0.10	0.12	0.13	0.12	9.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	10-1	46.18	52.07	52.95	50.40	7.31	ppb
Boron	11-1	44.92	49.59	51.54	48.69	6.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.15	-0.09	0.09	174.89	ppb
Cadmium	106-1	1.04	0.34	-3.10	-0.57		ppb
Cadmium	108-1	0.04	0.03	0.10	0.06	69.57	ppb
Calcium	43-1	18910.68	19103.71	19152.50	19055.63	0.67	ppb
Calcium	44-1	19080.38	19314.65	18865.98	19087.00	1.18	ppb
Chromium	52-2	0.32	0.27	0.41	0.33	21.38	ppb
Cobalt	59-2	21.22	21.94	21.35	21.50	1.77	ppb
Copper	63-2	0.74	0.94	0.76	0.81	13.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				113		%
Iron	54-2	66107.31	65649.76	66733.01	66163.36	0.82	ppb
Iron	56-2	65679.11	65566.20	65238.03	65494.45	0.35	ppb
Iron	57-2	63896.03	65160.29	64524.25	64526.86	0.98	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.44	0.42	0.43	2.75	ppb
Lead	207-1	0.36	0.36	0.30	0.34	9.54	ppb
Lead	208-1	0.42	0.41	0.36	0.39	8.01	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-02	Instrumnet Name :	P8
Client Sample ID :	S73-0241	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:25:01	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	4314.65	4351.81	4276.83	4314.43	0.87	ppb
Manganese	55-2	575.84	573.45	576.71	575.33	0.29	ppb
Molybdenum	94-1	13.39	13.30	12.75	13.15	2.64	ppb
Molybdenum	95-1	19.29	19.00	18.30	18.86	2.71	ppb
Molybdenum	96-1	18.23	18.63	17.63	18.16	2.77	ppb
Molybdenum	97-1	17.61	19.51	17.36	18.16	6.50	ppb
Molybdenum	98-1	18.66	19.36	18.91	18.98	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.45	21.01	21.91	21.12	3.47	ppb
Phosphorus	31-2	344.24	308.20	404.33	352.26	13.79	ppb
Potassium	39-2	1967.37	2006.99	1974.56	1982.97	1.06	ppb
Rhodium	103-1				109		%
Rhodium	103-2				112		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	0.68	0.34	1.39	0.80	66.89	ppb
Selenium	77-2	-0.78	1.30	1.29	0.60	197.78	ppb
Selenium	78-2	0.87	0.25	2.95	1.36	104.32	ppb
Silicon	28-1	8221.32	8203.92	8154.46	8193.23	0.42	ppb
Silver	109-1	0.02	0.01	0.00	0.01	118.66	ppb
Silver	107-1	0.00	0.00	0.00	0.00	118.50	ppb
Sodium	23-2	19719.52	19701.84	19119.89	19513.75	1.75	ppb
Strontium	86-1	80.00	82.39	79.33	80.57	1.99	ppb
Strontium	88-1	81.99	82.57	80.59	81.72	1.25	ppb
Sulfur	34-1	-6277.72	-7270.78	-8185.92	-7244.81		ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	-0.01	0.00	0.03	0.01	218.60	ppb
Thallium	205-1	0.00	0.02	0.00	0.01	95.20	ppb
Tin	118-1	0.05	-0.01	0.02	0.02	171.80	ppb
Titanium	47-1	1.52	1.69	1.17	1.46	18.05	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	18.46	ppb
Vanadium	51-2	1.10	1.21	1.20	1.17	5.35	ppb
Yttrium	89-1				108		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-02	Instrumnet Name :	P8
Client Sample ID :	S73-0241	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:25:01	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	10.11	11.04	10.74	10.63	4.47	ppb
Zirconium	90-1	0.14	0.10	0.09	0.11	26.53	ppb
Zirconium	91-1	0.29	0.20	0.22	0.24	18.99	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-03	Instrumnet Name :	P8
Client Sample ID :	S73-0242	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:27:50	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.91	5.03	11.17	8.37	37.07	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	34.97	ppb
Arsenic	75-2	357.96	358.87	384.02	366.95	4.03	ppb
Barium	135-1	11.58	11.41	12.00	11.66	2.58	ppb
Barium	137-1	11.01	12.00	11.63	11.54	4.33	ppb
Beryllium	9-1	0.01	0.04	0.00	0.02	105.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	37.10	41.81	45.52	41.48	10.18	ppb
Boron	11-1	37.11	39.90	42.76	39.93	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.11	-0.17	-0.13		ppb
Cadmium	106-1	-1.85	-0.94	-2.27	-1.68		ppb
Cadmium	108-1	-0.04	0.32	0.18	0.15	118.61	ppb
Calcium	43-1	45851.60	45079.01	44628.62	45186.41	1.37	ppb
Calcium	44-1	44753.58	44592.40	45366.18	44904.05	0.91	ppb
Chromium	52-2	0.18	0.12	0.34	0.21	53.83	ppb
Cobalt	59-2	2.76	2.61	2.78	2.72	3.28	ppb
Copper	63-2	0.18	0.11	0.22	0.17	33.29	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				110		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	54-2	96502.39	95058.68	101755.38	97772.15	3.60	ppb
Iron	56-2	95637.00	93862.80	100727.06	96742.29	3.68	ppb
Iron	57-2	96614.11	95258.62	101426.94	97766.56	3.32	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.30	0.25	0.25	18.65	ppb
Lead	207-1	0.20	0.31	0.20	0.24	26.81	ppb
Lead	208-1	0.22	0.25	0.23	0.24	6.41	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-03	Instrumnet Name :	P8
Client Sample ID :	S73-0242	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:27:50	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	4965.14	4875.63	5264.44	5035.07	4.04	ppb
Manganese	55-2	65.97	63.68	67.73	65.79	3.08	ppb
Molybdenum	94-1	2.50	2.27	2.76	2.51	9.75	ppb
Molybdenum	95-1	3.36	3.56	3.54	3.49	3.14	ppb
Molybdenum	96-1	3.49	3.21	3.62	3.44	6.01	ppb
Molybdenum	97-1	3.11	3.40	3.73	3.41	9.05	ppb
Molybdenum	98-1	3.35	3.26	3.51	3.37	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.63	1.53	1.89	1.68	11.11	ppb
Phosphorus	31-2	357.42	357.88	479.99	398.43	17.73	ppb
Potassium	39-2	2517.63	2535.01	2736.48	2596.37	4.69	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	1.27	1.22	-0.81	0.56	210.92	ppb
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	1.48	-0.51	0.28	0.42	241.70	ppb
Silicon	28-1	5555.35	5577.91	5537.00	5556.75	0.37	ppb
Silver	109-1	0.01	0.01	0.02	0.01	32.68	ppb
Silver	107-1	0.01	0.00	0.03	0.01	83.41	ppb
Sodium	23-2	4660.22	4626.45	4994.25	4760.31	4.27	ppb
Strontium	86-1	145.68	144.13	145.87	145.23	0.66	ppb
Strontium	88-1	147.01	147.12	149.42	147.85	0.92	ppb
Sulfur	34-1	-224.55	-894.69	-1470.69	-863.31		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	0.00	0.00	-0.01		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.18	ppb
Tin	118-1	0.13	0.17	0.12	0.14	19.87	ppb
Titanium	47-1	0.37	0.13	0.58	0.36	62.92	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	62.85	ppb
Vanadium	51-2	0.01	0.07	0.06	0.05	64.50	ppb
Yttrium	89-1				110		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-03	Instrumnet Name :	P8
Client Sample ID :	S73-0242	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:27:50	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	7.28	6.52	7.17	6.99	5.88	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	256.34	ppb
Zirconium	91-1	0.17	0.12	0.23	0.17	30.37	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-04	Instrumnet Name :	P8
Client Sample ID :	S73-0244	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:30:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.21	15.58	18.31	18.03	12.92	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	27.50	ppb
Arsenic	75-2	24.42	23.86	24.41	24.23	1.32	ppb
Barium	135-1	13.97	14.08	13.86	13.97	0.79	ppb
Barium	137-1	14.58	14.56	13.60	14.24	3.94	ppb
Beryllium	9-1	0.09	0.05	0.09	0.08	26.89	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	30.84	32.14	33.61	32.20	4.31	ppb
Boron	11-1	29.67	32.58	32.96	31.73	5.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.16	-0.14	-0.12		ppb
Cadmium	106-1	-0.94	-2.23	-1.74	-1.63		ppb
Cadmium	108-1	-0.19	-0.19	-0.05	-0.14		ppb
Calcium	43-1	34917.90	35185.27	33780.06	34627.74	2.15	ppb
Calcium	44-1	34166.54	34314.03	33846.55	34109.04	0.70	ppb
Chromium	52-2	0.24	0.24	0.32	0.27	17.71	ppb
Cobalt	59-2	0.42	0.40	0.35	0.39	8.43	ppb
Copper	63-2	0.27	0.23	0.19	0.23	15.89	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				113		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	54-2	29846.51	29623.79	29602.10	29690.80	0.46	ppb
Iron	56-2	30316.70	29937.69	29814.07	30022.82	0.87	ppb
Iron	57-2	29717.58	29689.22	29529.91	29645.57	0.34	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.17	0.19	0.19	8.65	ppb
Lead	207-1	0.13	0.14	0.21	0.16	27.94	ppb
Lead	208-1	0.16	0.13	0.17	0.15	14.19	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-04	Instrumnet Name :	P8
Client Sample ID :	S73-0244	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:30:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	5486.87	5551.60	5514.95	5517.81	0.59	ppb
Manganese	55-2	2382.47	2346.54	2369.68	2366.23	0.77	ppb
Molybdenum	94-1	0.15	0.19	0.20	0.18	15.86	ppb
Molybdenum	95-1	0.19	0.16	0.17	0.17	8.40	ppb
Molybdenum	96-1	0.12	0.14	0.16	0.14	13.73	ppb
Molybdenum	97-1	0.17	0.15	0.13	0.15	12.20	ppb
Molybdenum	98-1	0.17	0.16	0.18	0.17	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.42	0.68	0.58	23.92	ppb
Phosphorus	31-2	13.06	48.72	-7.33	18.15	156.35	ppb
Potassium	39-2	2180.41	2188.84	2197.24	2188.83	0.38	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.68	0.93	0.52	0.71	28.82	ppb
Selenium	77-2	-0.78	1.25	-0.78	-0.10		ppb
Selenium	78-2	0.04	-0.80	1.20	0.15	690.76	ppb
Silicon	28-1	8501.10	8231.53	8254.24	8328.96	1.80	ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.25	ppb
Silver	107-1	0.00	0.00	0.01	0.00	168.85	ppb
Sodium	23-2	8538.86	8610.17	8629.96	8593.00	0.56	ppb
Strontium	86-1	283.61	287.65	285.43	285.56	0.71	ppb
Strontium	88-1	290.93	292.08	292.30	291.77	0.25	ppb
Sulfur	34-1	-6470.71	-8536.93	-10370.62	-8459.42		ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	0.00	-0.02	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	0.01	0.00	-0.01		ppb
Titanium	47-1	1.06	1.57	1.02	1.22	25.39	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.05	ppb
Vanadium	51-2	0.27	0.35	0.33	0.32	12.93	ppb
Yttrium	89-1				111		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-04	Instrumnet Name :	P8
Client Sample ID :	S73-0244	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:30:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	7.26	6.94	7.68	7.30	5.08	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	64.07	ppb
Zirconium	91-1	0.03	0.03	0.06	0.04	37.47	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-05	Instrumnet Name :	P8
Client Sample ID :	S73-0245	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:33:29	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.00	6.03	8.21	7.08	15.43	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.15	ppb
Arsenic	75-2	277.31	274.84	288.69	280.28	2.64	ppb
Barium	135-1	16.67	16.84	16.96	16.82	0.85	ppb
Barium	137-1	16.31	16.54	16.64	16.50	1.01	ppb
Beryllium	9-1	-0.02	0.03	0.04	0.02	207.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	22.72	24.78	27.06	24.85	8.73	ppb
Boron	11-1	24.52	25.28	27.01	25.61	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.04	-0.05	-0.02		ppb
Cadmium	106-1	-0.98	0.01	-1.04	-0.67		ppb
Cadmium	108-1	0.03	-0.12	0.03	-0.02		ppb
Calcium	43-1	18587.54	19153.08	18679.54	18806.72	1.61	ppb
Calcium	44-1	18563.00	18876.90	18729.60	18723.17	0.84	ppb
Chromium	52-2	0.27	0.12	0.21	0.20	36.54	ppb
Cobalt	59-2	14.57	14.12	15.14	14.61	3.50	ppb
Copper	63-2	0.45	0.34	0.34	0.38	17.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	54-2	101710.66	97797.20	105919.66	101809.17	3.99	ppb
Iron	56-2	101414.31	97237.09	107032.07	101894.49	4.82	ppb
Iron	57-2	100384.65	98390.36	105974.66	101583.22	3.87	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.28	0.29	0.29	2.47	ppb
Lead	207-1	0.18	0.21	0.25	0.22	15.97	ppb
Lead	208-1	0.23	0.25	0.25	0.24	5.62	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-05	Instrumnet Name :	P8
Client Sample ID :	S73-0245	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:33:29	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	2818.07	2777.84	2913.02	2836.31	2.45	ppb
Manganese	55-2	1689.49	1631.18	1777.07	1699.25	4.32	ppb
Molybdenum	94-1	5.42	5.37	5.37	5.39	0.48	ppb
Molybdenum	95-1	7.31	7.11	7.30	7.24	1.55	ppb
Molybdenum	96-1	7.13	7.18	7.29	7.20	1.18	ppb
Molybdenum	97-1	6.86	7.29	6.87	7.01	3.46	ppb
Molybdenum	98-1	7.28	7.84	7.46	7.53	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.97	6.52	6.80	6.76	3.39	ppb
Phosphorus	31-2	51.45	177.18	102.15	110.26	57.37	ppb
Potassium	39-2	2365.56	2318.10	2461.31	2381.66	3.06	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	1.47	0.14	0.69	0.77	86.64	ppb
Selenium	77-2	1.27	-0.78	1.38	0.63	194.06	ppb
Selenium	78-2	3.08	0.57	0.49	1.38	106.53	ppb
Silicon	28-1	5270.95	5328.56	5248.76	5282.76	0.78	ppb
Silver	109-1	0.01	0.01	0.00	0.01	94.01	ppb
Silver	107-1	0.01	0.01	0.02	0.01	39.24	ppb
Sodium	23-2	12359.25	11848.26	12605.42	12270.98	3.15	ppb
Strontium	86-1	89.06	87.54	90.76	89.12	1.81	ppb
Strontium	88-1	90.54	90.63	92.63	91.27	1.29	ppb
Sulfur	34-1	-3227.30	-2935.44	-3984.97	-3382.57		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.00	-0.02	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.02	0.01	-0.01		ppb
Titanium	47-1	0.41	0.22	0.36	0.33	30.80	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	21.63	ppb
Vanadium	51-2	0.35	0.42	0.38	0.38	8.99	ppb
Yttrium	89-1				111		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-05	Instrumnet Name :	P8
Client Sample ID :	S73-0245	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:33:29	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	7.30	7.57	7.89	7.59	3.87	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	30.10	ppb
Zirconium	91-1	0.08	0.13	0.15	0.12	31.95	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-06	Instrumnet Name :	P8
Client Sample ID :	S73-0246	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:36:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.09	5.75	4.16	5.67	25.85	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	19.23	ppb
Arsenic	75-2	9.12	9.72	9.67	9.50	3.50	ppb
Barium	135-1	31.59	30.39	31.40	31.13	2.07	ppb
Barium	137-1	31.41	30.66	30.56	30.88	1.51	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	28.40	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Boron	10-1	37.88	44.29	48.89	43.69	12.66	ppb
Boron	11-1	39.18	44.00	46.93	43.37	9.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.19	-0.24	-0.17		ppb
Cadmium	106-1	-0.99	-2.63	-3.33	-2.31		ppb
Cadmium	108-1	0.03	0.03	-0.12	-0.02		ppb
Calcium	43-1	57925.74	57142.81	57060.71	57376.42	0.83	ppb
Calcium	44-1	56124.32	56451.36	56363.51	56313.06	0.30	ppb
Chromium	52-2	0.15	0.11	0.02	0.09	76.71	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	56.87	ppb
Copper	63-2	0.12	0.19	0.22	0.17	30.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	54-2	1659.80	1639.02	1662.60	1653.81	0.78	ppb
Iron	56-2	1683.56	1662.94	1677.46	1674.65	0.63	ppb
Iron	57-2	1640.70	1656.92	1656.73	1651.45	0.56	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.21	0.20	7.68	ppb
Lead	207-1	0.16	0.19	0.16	0.17	9.67	ppb
Lead	208-1	0.19	0.16	0.17	0.17	8.57	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-06	Instrumnet Name :	P8
Client Sample ID :	S73-0246	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:36:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	15741.59	15442.92	16077.41	15753.98	2.01	ppb
Manganese	55-2	594.63	579.48	590.02	588.04	1.32	ppb
Molybdenum	94-1	1.19	1.31	1.34	1.28	6.10	ppb
Molybdenum	95-1	1.75	1.59	1.66	1.67	4.57	ppb
Molybdenum	96-1	1.55	1.70	1.67	1.64	4.73	ppb
Molybdenum	97-1	1.61	1.76	1.92	1.76	8.62	ppb
Molybdenum	98-1	1.59	1.69	1.75	1.68	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.18	0.31	0.25	26.59	ppb
Phosphorus	31-2	-21.83	-22.19	-70.16	-38.06		ppb
Potassium	39-2	7850.78	7666.78	7899.11	7805.56	1.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	-0.55	0.47	1.29	0.40	228.47	ppb
Selenium	77-2	-0.78	1.27	-0.78	-0.09		ppb
Selenium	78-2	0.03	-1.48	1.06	-0.13		ppb
Silicon	28-1	5100.26	5160.02	5053.85	5104.71	1.04	ppb
Silver	109-1	0.01	0.00	0.00	0.00	142.56	ppb
Silver	107-1	0.01	0.00	0.00	0.00	199.21	ppb
Sodium	23-2	24571.95	24162.19	25168.19	24634.11	2.05	ppb
Strontium	86-1	301.48	302.75	310.13	304.78	1.53	ppb
Strontium	88-1	315.22	309.77	314.43	313.14	0.94	ppb
Sulfur	34-1	3117.77	2797.80	1732.10	2549.22	28.46	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.03	-0.01	-0.01	-0.02		ppb
Titanium	47-1	0.34	0.53	0.12	0.33	62.21	ppb
Uranium	238-1	0.34	0.35	0.36	0.35	2.45	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	22.94	ppb
Yttrium	89-1				110		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-06	Instrumnet Name :	P8
Client Sample ID :	S73-0246	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:36:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	11.11	11.42	10.73	11.09	3.11	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.04	0.00	0.02	114.03	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:39:07	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54874.28	53571.42	54138.74	54194.81	1.21	ppb
Antimony	121-1	496.72	503.92	498.88	499.84	0.74	ppb
Arsenic	75-2	501.92	499.92	495.28	499.04	0.68	ppb
Barium	135-1	2519.21	2594.96	2493.72	2535.96	2.08	ppb
Barium	137-1	2483.06	2578.22	2502.55	2521.27	1.99	ppb
Beryllium	9-1	514.60	523.36	516.09	518.02	0.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	441.67	511.52	553.05	502.08	11.21	ppb
Boron	11-1	434.51	510.46	552.16	499.04	11.95	ppb
Bromine	81-1						cps
Cadmium	111-1	489.15	488.25	486.52	487.97	0.27	ppb
Cadmium	106-1	482.00	485.25	489.71	485.65	0.80	ppb
Cadmium	108-1	501.04	501.40	483.03	495.16	2.12	ppb
Calcium	43-1	259742.01	262455.15	261068.93	261088.69	0.52	ppb
Calcium	44-1	259910.26	260667.77	257403.66	259327.23	0.66	ppb
Chromium	52-2	515.92	509.59	513.85	513.12	0.63	ppb
Cobalt	59-2	506.11	493.89	496.80	498.93	1.28	ppb
Copper	63-2	4996.94	4895.30	4947.73	4946.66	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				115		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				116		%
Iron	54-2	132326.95	131498.50	131895.02	131906.82	0.31	ppb
Iron	56-2	133741.23	131620.55	131008.69	132123.49	1.09	ppb
Iron	57-2	134875.53	132329.28	134209.56	133804.79	0.99	ppb
Krypton	83-1						cps
Lead	206-1	2516.20	2557.55	2542.16	2538.64	0.82	ppb
Lead	207-1	2476.76	2512.79	2559.77	2516.44	1.65	ppb
Lead	208-1	2483.82	2505.21	2532.72	2507.25	0.98	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:39:07	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	259207.82	253587.74	257470.44	256755.33	1.12	ppb
Manganese	55-2	5205.46	5103.89	5028.67	5112.67	1.74	ppb
Molybdenum	94-1	2545.14	2522.16	2498.63	2521.97	0.92	ppb
Molybdenum	95-1	2546.32	2522.54	2550.08	2539.65	0.59	ppb
Molybdenum	96-1	2499.48	2486.47	2525.77	2503.91	0.80	ppb
Molybdenum	97-1	2505.19	2521.94	2541.29	2522.81	0.72	ppb
Molybdenum	98-1	2486.93	2553.69	2551.08	2530.57	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.91	500.04	505.34	502.10	0.57	ppb
Phosphorus	31-2	9936.63	10005.73	9704.70	9882.35	1.60	ppb
Potassium	39-2	137726.47	135126.54	136663.50	136505.50	0.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	486.44	495.70	490.25	490.80	0.95	ppb
Selenium	77-2	562.19	500.71	466.33	509.74	9.53	ppb
Selenium	78-2	504.54	492.87	494.92	497.44	1.25	ppb
Silicon	28-1	369.91	406.75	440.38	405.68	8.69	ppb
Silver	109-1	497.43	498.67	487.49	494.53	1.24	ppb
Silver	107-1	496.48	502.69	489.87	496.35	1.29	ppb
Sodium	23-2	262713.75	260749.03	262644.01	262035.60	0.43	ppb
Strontium	86-1	494.56	500.73	496.29	497.19	0.64	ppb
Strontium	88-1	504.84	503.97	504.85	504.55	0.10	ppb
Sulfur	34-1	6455.76	6641.80	5936.88	6344.82	5.76	ppb
Terbium	159-1				116		%
Terbium	159-2				115		%
Thallium	203-1	495.51	494.98	503.20	497.90	0.92	ppb
Thallium	205-1	501.96	502.35	511.68	505.33	1.09	ppb
Tin	118-1	496.39	507.83	493.38	499.20	1.53	ppb
Titanium	47-1	2473.41	2482.66	2455.46	2470.51	0.56	ppb
Uranium	238-1	503.37	493.38	500.50	499.09	1.03	ppb
Vanadium	51-2	509.27	498.23	509.23	505.58	1.26	ppb
Yttrium	89-1				114		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:39:07	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				116		%
Zinc	66-2	4996.83	4869.77	4911.30	4925.97	1.32	ppb
Zirconium	90-1	509.03	502.61	502.07	504.57	0.77	ppb
Zirconium	91-1	502.08	492.37	494.69	496.38	1.02	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:47:19	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.20	-1.75	-1.71	-2.22		ppb
Antimony	121-1	0.02	0.03	0.01	0.02	38.57	ppb
Arsenic	75-2	-0.01	-0.04	-0.05	-0.03		ppb
Barium	135-1	0.03	0.01	-0.01	0.01	196.13	ppb
Barium	137-1	0.03	0.05	0.04	0.04	22.88	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	12.01	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	22.24	21.81	17.80	20.62	11.89	ppb
Boron	11-1	19.42	20.81	18.47	19.57	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	0.02	0.01	-0.03		ppb
Cadmium	106-1	-1.33	-0.04	0.09	-0.43		ppb
Cadmium	108-1	-0.11	-0.19	-0.03	-0.11		ppb
Calcium	43-1	-28.33	-13.01	-25.69	-22.34		ppb
Calcium	44-1	-24.00	-15.81	-31.69	-23.83		ppb
Chromium	52-2	-0.05	0.06	0.06	0.02	287.45	ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.26	0.25	0.16	0.23	23.86	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				98		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	1.36	-0.44	1.57	0.83	133.47	ppb
Iron	56-2	0.26	0.11	0.11	0.16	53.48	ppb
Iron	57-2	0.08	-1.35	-1.06	-0.77		ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.30	0.22	0.26	15.14	ppb
Lead	207-1	0.25	0.26	0.28	0.26	5.51	ppb
Lead	208-1	0.26	0.29	0.26	0.27	7.45	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:47:19	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	0.93	1.13	0.53	0.86	34.91	ppb
Manganese	55-2	-0.02	0.05	0.00	0.01	436.35	ppb
Molybdenum	94-1	-0.01	0.01	0.01	0.01	176.77	ppb
Molybdenum	95-1	0.07	0.01	0.01	0.03	124.02	ppb
Molybdenum	96-1	0.04	0.05	0.00	0.03	80.30	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	52.19	ppb
Molybdenum	98-1	0.03	0.00	0.00	0.01	181.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.01	-0.04	-0.06		ppb
Phosphorus	31-2	-128.02	-37.41	-47.72	-71.05		ppb
Potassium	39-2	22.41	16.76	0.98	13.39	82.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	1.00	0.69	0.50	0.73	34.12	ppb
Selenium	77-2	-0.78	3.71	-0.78	0.72	359.66	ppb
Selenium	78-2	1.42	-0.45	-1.25	-0.09		ppb
Silicon	28-1	-17.66	7.06	-15.48	-8.70		ppb
Silver	109-1	0.02	0.02	0.01	0.02	28.99	ppb
Silver	107-1	0.00	0.01	0.01	0.01	65.97	ppb
Sodium	23-2	21.47	21.57	15.19	19.41	18.84	ppb
Strontium	86-1	-0.14	0.06	0.20	0.04	433.03	ppb
Strontium	88-1	-0.01	0.01	0.00	0.00		ppb
Sulfur	34-1	-2035.40	3984.70	-1355.00	198.10	1664.26	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.07	0.02	0.03	124.14	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	15.14	ppb
Tin	118-1	0.03	0.01	-0.03	0.01	588.82	ppb
Titanium	47-1	-0.08	0.27	0.04	0.08	234.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	268.84	ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1				99		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:47:19	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.23	0.00	0.07	0.10	117.13	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : L2445-07 Instrumnet Name : P8
 Client Sample ID : FIELD-BLANK-4-29-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 15:51:44 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.72	-2.11	-2.55	-3.13		ppb
Antimony	121-1	0.03	0.02	0.03	0.02	26.97	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	244.54	ppb
Barium	135-1	1.44	1.42	1.48	1.44	2.18	ppb
Barium	137-1	1.71	1.59	1.70	1.67	3.95	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	21.70	ppb
Bismuth	209-1				115		%
Bismuth	209-2				114		%
Boron	10-1	11.73	10.92	12.11	11.59	5.24	ppb
Boron	11-1	10.29	10.50	9.93	10.24	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.00	-0.09	-0.04		ppb
Cadmium	106-1	-0.43	-0.15	-1.27	-0.62		ppb
Cadmium	108-1	-0.05	-0.19	-0.05	-0.10		ppb
Calcium	43-1	29.81	7.19	0.11	12.37	125.36	ppb
Calcium	44-1	-6.77	4.77	-6.56	-2.85		ppb
Chromium	52-2	-0.07	-0.01	-0.13	-0.07		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	1.71	1.70	1.96	1.79	8.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				115		%
Indium	115-1				118		%
Indium	115-2				116		%
Iron	54-2	0.19	-2.77	-1.87	-1.48		ppb
Iron	56-2	0.09	-0.24	0.09	-0.02		ppb
Iron	57-2	1.19	-0.11	1.30	0.79	98.61	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.19	0.21	0.20	4.49	ppb
Lead	207-1	0.14	0.23	0.17	0.18	25.44	ppb
Lead	208-1	0.16	0.19	0.18	0.18	7.61	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:51:44	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	11.58	11.51	8.87	10.65	14.49	ppb
Manganese	55-2	0.25	0.26	0.30	0.27	8.41	ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	25.18	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	17.11	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	31.96	ppb
Molybdenum	97-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	98-1	0.00	0.02	0.00	0.01	120.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	0.00	-0.01		ppb
Phosphorus	31-2	-72.01	-105.68	-109.29	-95.66		ppb
Potassium	39-2	-68.32	-54.15	-35.46	-52.64		ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				119		%
Scandium	45-2				116		%
Selenium	82-1	-0.59	-0.10	0.73	0.01	4558.93	ppb
Selenium	77-2	1.23	-0.78	1.22	0.56	206.83	ppb
Selenium	78-2	1.98	-0.35	-1.23	0.13	1236.69	ppb
Silicon	28-1	28.55	33.30	30.89	30.91	7.69	ppb
Silver	109-1	0.01	0.02	0.00	0.01	88.01	ppb
Silver	107-1	0.00	0.00	0.01	0.00	208.65	ppb
Sodium	23-2	214.75	212.66	225.51	217.64	3.17	ppb
Strontium	86-1	-0.04	0.18	0.02	0.05	211.81	ppb
Strontium	88-1	0.10	0.10	0.07	0.09	17.32	ppb
Sulfur	34-1	-9869.37	-8397.58	-9328.50	-9198.48		ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	-0.01	0.01	0.00	3152.68	ppb
Thallium	205-1	0.03	0.01	0.01	0.01	71.97	ppb
Tin	118-1	0.22	0.17	0.15	0.18	19.87	ppb
Titanium	47-1	-0.30	-0.13	-0.32	-0.25		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	434.15	ppb
Vanadium	51-2	0.02	0.00	0.02	0.01	106.32	ppb
Yttrium	89-1				118		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:51:44	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				116		%
Zinc	66-2	0.73	0.43	0.56	0.57	26.37	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:54:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55193.05	55033.33	54681.69	54969.36	0.48	ppb
Antimony	121-1	504.65	494.47	506.91	502.01	1.32	ppb
Arsenic	75-2	509.07	503.75	505.85	506.22	0.53	ppb
Barium	135-1	2561.56	2536.36	2533.73	2543.88	0.60	ppb
Barium	137-1	2570.63	2548.97	2544.55	2554.72	0.55	ppb
Beryllium	9-1	516.64	508.34	519.96	514.98	1.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	427.54	483.30	543.55	484.80	11.97	ppb
Boron	11-1	422.20	483.93	547.76	484.63	12.95	ppb
Bromine	81-1						cps
Cadmium	111-1	494.94	488.58	491.37	491.63	0.65	ppb
Cadmium	106-1	493.50	505.04	480.20	492.91	2.52	ppb
Cadmium	108-1	493.71	499.68	485.52	492.97	1.44	ppb
Calcium	43-1	262923.54	259454.11	260780.85	261052.83	0.67	ppb
Calcium	44-1	259977.90	258494.78	260435.85	259636.18	0.39	ppb
Chromium	52-2	521.98	518.38	516.02	518.79	0.58	ppb
Cobalt	59-2	503.11	500.00	501.34	501.48	0.31	ppb
Copper	63-2	5107.30	4988.62	4940.30	5012.08	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	54-2	135000.75	133600.59	134355.75	134319.03	0.52	ppb
Iron	56-2	134409.26	133294.66	132196.51	133300.15	0.83	ppb
Iron	57-2	135152.97	134556.27	134650.86	134786.70	0.24	ppb
Krypton	83-1						cps
Lead	206-1	2519.89	2562.60	2606.18	2562.89	1.68	ppb
Lead	207-1	2538.31	2528.91	2580.38	2549.20	1.08	ppb
Lead	208-1	2510.50	2541.56	2574.27	2542.11	1.25	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:54:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	265072.50	263764.11	262444.53	263760.38	0.50	ppb
Manganese	55-2	5249.05	5200.22	5099.55	5182.94	1.47	ppb
Molybdenum	94-1	2463.61	2547.72	2494.38	2501.90	1.70	ppb
Molybdenum	95-1	2476.23	2548.54	2515.46	2513.41	1.44	ppb
Molybdenum	96-1	2496.49	2532.57	2485.67	2504.91	0.98	ppb
Molybdenum	97-1	2462.06	2516.72	2498.41	2492.39	1.12	ppb
Molybdenum	98-1	2465.39	2508.60	2491.04	2488.34	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.40	507.07	500.90	505.79	0.87	ppb
Phosphorus	31-2	10217.45	9613.81	10144.45	9991.90	3.30	ppb
Potassium	39-2	136879.34	136407.63	137400.49	136895.82	0.36	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	482.85	500.14	489.34	490.77	1.78	ppb
Selenium	77-2	462.01	489.83	577.36	509.73	11.81	ppb
Selenium	78-2	516.71	519.38	513.39	516.49	0.58	ppb
Silicon	28-1	383.22	416.04	434.78	411.35	6.34	ppb
Silver	109-1	499.14	500.32	492.11	497.19	0.89	ppb
Silver	107-1	503.06	496.29	500.27	499.87	0.68	ppb
Sodium	23-2	268187.96	270985.88	265463.51	268212.45	1.03	ppb
Strontium	86-1	488.04	497.55	494.16	493.25	0.98	ppb
Strontium	88-1	497.53	504.51	504.46	502.17	0.80	ppb
Sulfur	34-1	10227.49	9504.17	8447.66	9393.11	9.53	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	494.27	505.35	505.65	501.76	1.29	ppb
Thallium	205-1	512.09	515.91	518.98	515.66	0.67	ppb
Tin	118-1	505.69	503.45	498.73	502.62	0.71	ppb
Titanium	47-1	2466.26	2486.47	2431.82	2461.52	1.12	ppb
Uranium	238-1	504.92	496.60	508.92	503.48	1.25	ppb
Vanadium	51-2	517.98	512.75	508.59	513.11	0.92	ppb
Yttrium	89-1				110		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:54:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	4997.24	4984.28	4952.64	4978.05	0.46	ppb
Zirconium	90-1	503.69	507.71	502.67	504.69	0.53	ppb
Zirconium	91-1	487.31	499.07	488.39	491.59	1.32	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 16:08:45	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.50	-1.88	-2.31	-1.89		ppb
Antimony	121-1	0.01	0.00	0.02	0.01	85.62	ppb
Arsenic	75-2	0.05	-0.05	-0.06	-0.02		ppb
Barium	135-1	0.00	-0.04	-0.01	-0.01		ppb
Barium	137-1	0.01	0.03	0.00	0.01	154.59	ppb
Beryllium	9-1	0.03	0.01	-0.01	0.01	226.20	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	13.77	11.61	13.64	13.01	9.31	ppb
Boron	11-1	12.74	12.47	11.71	12.31	4.33	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.05	-0.11	-0.07		ppb
Cadmium	106-1	-0.51	-0.88	-1.16	-0.85		ppb
Cadmium	108-1	-0.03	-0.11	0.05	-0.03		ppb
Calcium	43-1	-22.40	-19.01	-26.93	-22.78		ppb
Calcium	44-1	-30.29	-39.18	-31.97	-33.81		ppb
Chromium	52-2	0.03	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.23	0.11	0.16	0.16	35.02	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				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	3.05	1.12	0.99	1.72	67.06	ppb
Iron	56-2	0.75	0.58	0.69	0.67	13.00	ppb
Iron	57-2	-0.26	-1.46	0.78	-0.31		ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.22	0.29	0.26	13.13	ppb
Lead	207-1	0.11	0.15	0.23	0.16	39.23	ppb
Lead	208-1	0.20	0.20	0.21	0.20	4.13	ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 16:08:45	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-1.30	-0.72	0.74	-0.42		ppb
Manganese	55-2	0.08	0.04	-0.01	0.04	118.99	ppb
Molybdenum	94-1	0.04	0.04	0.03	0.03	14.53	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.03	24.13	ppb
Molybdenum	96-1	0.03	0.00	0.01	0.02	119.67	ppb
Molybdenum	97-1	-0.02	0.01	0.00	0.00		ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	57.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	-0.12	-0.02	-0.01		ppb
Phosphorus	31-2	-47.03	-130.75	-98.53	-92.10		ppb
Potassium	39-2	41.80	-17.79	-3.72	6.76	460.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.40	0.22	0.49	0.37	36.86	ppb
Selenium	77-2	1.64	-0.78	1.48	0.78	172.67	ppb
Selenium	78-2	0.63	0.84	1.60	1.02	49.85	ppb
Silicon	28-1	-11.11	-17.73	-14.51	-14.45		ppb
Silver	109-1	0.01	0.02	0.01	0.01	62.33	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	40.72	8.05	11.76	20.18	88.64	ppb
Strontium	86-1	-0.01	0.18	0.12	0.10	101.12	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	1690.16	52.62	209.29	650.69	138.87	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.03	0.01	138.89	ppb
Thallium	205-1	0.01	0.02	0.03	0.02	31.07	ppb
Tin	118-1	0.02	0.02	0.01	0.02	29.12	ppb
Titanium	47-1	0.14	-0.03	0.00	0.04	236.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.53	ppb
Vanadium	51-2	-0.01	-0.02	0.01	-0.01		ppb
Yttrium	89-1				101		%

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 16:08:45	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.09	0.00	-0.05	0.01	475.11	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.02	-0.02	0.00	-0.01		ppb

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:17:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268	292	308	289	6.96	cps
Antimony	121-1	42	42	33	39	12.38	cps
Arsenic	75-2	7	13	9	10	31.60	cps
Barium	135-1	33	58	50	47	26.97	cps
Barium	137-1	58	42	33	44	28.65	cps
Beryllium	9-1	38	54	42	45	18.65	cps
Bismuth	209-1	1333713	1321615	1322510	1325946	0.51	cps
Bismuth	209-2	811682	803118	823965	812922	1.29	cps
Boron	10-1	388	390	420	399	4.49	cps
Boron	11-1	1998	1922	1780	1900	5.82	cps
Bromine	81-1	2453	2273	2793	2506	10.55	cps
Cadmium	111-1	665	758	790	738	8.75	cps
Cadmium	106-1	942	1075	1108	1042	8.47	cps
Cadmium	108-1	21	4	4	10	98.92	cps
Calcium	43-1	833	617	667	706	16.08	cps
Calcium	44-1	28337	29255	28771	28788	1.60	cps
Chromium	52-2	1043	1047	947	1012	5.61	cps
Cobalt	59-2	37	47	67	50	30.55	cps
Copper	63-2	553	557	570	560	1.58	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	2129849	2138620	2153583	2140684	0.56	cps
Holmium	165-2	1124185	1123403	1140559	1129382	0.86	cps
Indium	115-1	2080623	2056389	2035150	2057387	1.11	cps
Indium	115-2	334194	335484	339829	336502	0.88	cps
Iron	54-2	389	322	328	346	10.68	cps
Iron	56-2	2311	2461	2172	2315	6.24	cps
Iron	57-2	67	111	111	96	26.64	cps
Krypton	83-1	423	417	460	433	5.38	cps
Lead	206-1	317	306	400	341	15.15	cps
Lead	207-1	306	411	356	357	14.78	cps
Lead	208-1	1411	1667	1533	1537	8.32	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:17:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	603987	609724	599904	604538	0.82	cps
Magnesium	24-2	192	208	250	217	13.87	cps
Manganese	55-2	80	77	67	74	9.32	cps
Molybdenum	94-1	75	58	58	64	15.06	cps
Molybdenum	95-1	25	8	8	14	69.31	cps
Molybdenum	96-1	108	92	58	86	29.57	cps
Molybdenum	97-1	0	17	50	22	114.56	cps
Molybdenum	98-1	25	33	8	22	57.29	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	110	113	118	9.10	cps
Phosphorus	31-2	275	192	275	247	19.46	cps
Potassium	39-2	18638	18462	18179	18426	1.26	cps
Rhodium	103-1	2026757	2056732	2017244	2033578	1.01	cps
Rhodium	103-2	1016447	1012357	1031235	1020013	0.97	cps
Scandium	45-1	1412452	1429668	1449125	1430415	1.28	cps
Scandium	45-2	46114	45218	45930	45754	1.03	cps
Selenium	82-1	-20	-27	-66	-37	-67.06	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	19	35	34	29	30.56	cps
Silicon	28-1	572753	570363	579000	574038	0.78	cps
Silver	109-1	17	25	17	19	24.73	cps
Silver	107-1	25	75	42	47	53.91	cps
Sodium	23-2	26299	25698	26124	26040	1.19	cps
Strontium	86-1	667	667	583	639	7.53	cps
Strontium	88-1	233	175	242	217	16.76	cps
Sulfur	34-1	542344	537243	534122	537903	0.77	cps
Terbium	159-1	2280256	2266744	2276367	2274456	0.31	cps
Terbium	159-2	1124162	1120729	1130499	1125130	0.44	cps
Thallium	203-1	125	58	75	86	40.29	cps
Thallium	205-1	133	167	125	142	15.56	cps
Tin	118-1	258	325	242	275	16.03	cps
Titanium	47-1	550	592	642	594	7.72	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	13	13	30	19	50.96	cps
Yttrium	89-1	3723476	3739783	3682879	3715379	0.79	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:17:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	421135	422053	427112	423433	0.76	cps
Zinc	66-2	103	140	70	104	33.52	cps
Zirconium	90-1	225	208	200	211	6.03	cps
Zirconium	91-1	33	33	33	33	0.00	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:20:15	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	612	580	666	619	7.02	cps
Antimony	121-1	6443	6702	6043	6396	5.19	cps
Arsenic	75-2	122	113	126	120	5.53	cps
Barium	135-1	6727	5993	6177	6299	6.06	cps
Barium	137-1	11280	10621	11130	11010	3.14	cps
Beryllium	9-1	682	702	682	689	1.68	cps
Bismuth	209-1	1330585	1328482	1320289	1326452	0.41	cps
Bismuth	209-2	811159	750347	836185	799230	5.52	cps
Boron	10-1	1296	1444	1500	1413	7.46	cps
Boron	11-1	6144	6634	7344	6708	9.00	cps
Bromine	81-1	2383	2303	2393	2359	2.09	cps
Cadmium	111-1	1463	1508	1403	1458	3.61	cps
Cadmium	106-1	1058	1142	1100	1100	3.79	cps
Cadmium	108-1	58	71	54	61	14.20	cps
Calcium	43-1	4526	4868	4859	4751	4.10	cps
Calcium	44-1	95751	98772	98512	97678	1.71	cps
Chromium	52-2	2654	2640	2717	2670	1.53	cps
Cobalt	59-2	1583	1563	1473	1540	3.80	cps
Copper	63-2	2904	2957	3034	2965	2.20	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	0	0	11	173.21	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	2167546	2130837	2180474	2159619	1.19	cps
Holmium	165-2	1120342	1048089	1164105	1110845	5.27	cps
Indium	115-1	2041958	2036107	2052212	2043426	0.40	cps
Indium	115-2	338076	311462	348688	332742	5.76	cps
Iron	54-2	2161	2378	2350	2297	5.13	cps
Iron	56-2	35851	37594	37817	37087	2.90	cps
Iron	57-2	1000	911	1078	996	8.37	cps
Krypton	83-1	433	413	423	423	2.36	cps
Lead	206-1	1972	1967	2028	1989	1.70	cps
Lead	207-1	1783	1867	1889	1846	3.01	cps
Lead	208-1	8207	8346	8290	8281	0.84	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:20:15	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	604046	603471	602379	603299	0.14	cps
Magnesium	24-2	25682	25840	27210	26244	3.20	cps
Manganese	55-2	413	430	470	438	6.65	cps
Molybdenum	94-1	6693	5968	6168	6277	5.97	cps
Molybdenum	95-1	7285	7636	8061	7661	5.07	cps
Molybdenum	96-1	8836	8836	8486	8720	2.32	cps
Molybdenum	97-1	4859	4601	4409	4623	4.89	cps
Molybdenum	98-1	11614	11680	11847	11714	1.03	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	660	580	647	629	6.82	cps
Phosphorus	31-2	267	300	392	319	20.26	cps
Potassium	39-2	38260	37825	38418	38168	0.80	cps
Rhodium	103-1	2045432	2046938	1980926	2024432	1.86	cps
Rhodium	103-2	1010151	941469	1063689	1005103	6.10	cps
Scandium	45-1	1456299	1432158	1418506	1435654	1.33	cps
Scandium	45-2	45502	42179	47475	45052	5.94	cps
Selenium	82-1	231	311	261	268	15.21	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	63	45	71	60	22.33	cps
Silicon	28-1	595462	600004	591063	595510	0.75	cps
Silver	109-1	3484	3442	3359	3428	1.86	cps
Silver	107-1	3300	3951	4142	3798	11.62	cps
Sodium	23-2	75873	76056	77180	76370	0.93	cps
Strontium	86-1	1667	1625	1867	1720	7.51	cps
Strontium	88-1	7752	7936	7752	7814	1.36	cps
Sulfur	34-1	539703	542325	534402	538810	0.75	cps
Terbium	159-1	2307764	2259499	2298737	2288666	1.12	cps
Terbium	159-2	1123493	1041583	1165700	1110259	5.68	cps
Thallium	203-1	2050	2075	2225	2117	4.47	cps
Thallium	205-1	4568	4834	4968	4790	4.25	cps
Tin	118-1	11505	11305	11580	11463	1.24	cps
Titanium	47-1	2650	2775	2834	2753	3.40	cps
Uranium	238-1	5860	6102	6435	6132	4.71	cps
Vanadium	51-2	3537	3340	3454	3444	2.87	cps
Yttrium	89-1	3681325	3647533	3674668	3667842	0.49	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:20:15	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	420628	390000	432537	414388	5.30	cps
Zinc	66-2	457	490	407	451	9.30	cps
Zirconium	90-1	4809	4818	4568	4731	3.00	cps
Zirconium	91-1	958	1050	983	997	4.75	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:26:35	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18778	18462	18518	18586	0.91	cps
Antimony	121-1	164961	166218	166219	165799	0.44	cps
Arsenic	75-2	5841	5835	5631	5769	2.07	cps
Barium	135-1	164456	164836	164135	164476	0.21	cps
Barium	137-1	281235	282190	283909	282445	0.48	cps
Beryllium	9-1	34792	35084	35215	35030	0.62	cps
Bismuth	209-1	1357693	1364809	1370303	1364268	0.46	cps
Bismuth	209-2	854442	846247	850267	850319	0.48	cps
Boron	10-1	2470	2966	3138	2858	12.14	cps
Boron	11-1	12401	14064	15143	13869	9.96	cps
Bromine	81-1	2493	2313	2132	2313	7.79	cps
Cadmium	111-1	39236	38847	38893	38992	0.55	cps
Cadmium	106-1	4726	4959	5168	4951	4.46	cps
Cadmium	108-1	2700	2875	2821	2799	3.20	cps
Calcium	43-1	45305	45974	45899	45726	0.80	cps
Calcium	44-1	755506	764760	758106	759457	0.63	cps
Chromium	52-2	45281	45492	45673	45482	0.43	cps
Cobalt	59-2	80720	80197	79524	80147	0.75	cps
Copper	63-2	624579	622768	617543	621630	0.59	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	25	42	25	66.68	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	2203110	2205436	2189178	2199241	0.40	cps
Holmium	165-2	1198366	1173603	1180293	1184087	1.08	cps
Indium	115-1	2131127	2071407	2105401	2102645	1.42	cps
Indium	115-2	353152	347997	348964	350038	0.78	cps
Iron	54-2	95434	96020	94874	95442	0.60	cps
Iron	56-2	1741910	1718796	1736458	1732388	0.70	cps
Iron	57-2	42658	44202	43071	43310	1.85	cps
Krypton	83-1	437	477	530	481	9.73	cps
Lead	206-1	433293	437636	439059	436663	0.69	cps
Lead	207-1	393778	393496	390009	392428	0.54	cps
Lead	208-1	1759631	1766700	1764627	1763653	0.21	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:26:35	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	619232	623921	624912	622688	0.49	cps
Magnesium	24-2	270127	275903	276223	274085	1.25	cps
Manganese	55-2	208345	205608	208003	207319	0.72	cps
Molybdenum	94-1	306361	311946	310289	309532	0.93	cps
Molybdenum	95-1	381274	380643	382584	381500	0.26	cps
Molybdenum	96-1	420654	425327	424797	423593	0.60	cps
Molybdenum	97-1	234403	235854	238896	236385	0.97	cps
Molybdenum	98-1	604109	609856	605450	606472	0.50	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	22401	22047	22174	22207	0.81	cps
Phosphorus	31-2	1617	1567	1442	1542	5.85	cps
Potassium	39-2	121829	119542	118173	119848	1.54	cps
Rhodium	103-1	2083893	2102397	2067629	2084640	0.83	cps
Rhodium	103-2	1072677	1051060	1054374	1059370	1.10	cps
Scandium	45-1	1503953	1458388	1484061	1482134	1.54	cps
Scandium	45-2	47766	48033	47070	47623	1.04	cps
Selenium	82-1	2457	2562	2410	2476	3.14	cps
Selenium	77-2	90	83	63	79	17.59	cps
Selenium	78-2	300	287	306	298	3.26	cps
Silicon	28-1	705601	710697	712750	709682	0.52	cps
Silver	109-1	182969	180962	181139	181690	0.61	cps
Silver	107-1	193205	192082	190917	192068	0.60	cps
Sodium	23-2	563041	569634	556588	563088	1.16	cps
Strontium	86-1	49346	48660	49095	49034	0.71	cps
Strontium	88-1	415681	415927	413213	414940	0.36	cps
Sulfur	34-1	554819	553176	553018	553671	0.18	cps
Terbium	159-1	2364114	2357811	2329511	2350479	0.78	cps
Terbium	159-2	1187983	1169033	1158314	1171777	1.28	cps
Thallium	203-1	106998	108484	108165	107882	0.73	cps
Thallium	205-1	260806	253941	256629	257125	1.35	cps
Tin	118-1	113964	113720	112838	113507	0.52	cps
Titanium	47-1	112732	113313	113220	113088	0.28	cps
Uranium	238-1	304166	310988	310178	308444	1.21	cps
Vanadium	51-2	34989	35070	34886	34982	0.26	cps
Yttrium	89-1	3813256	3830349	3764089	3802564	0.90	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:26:35	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	443369	435994	438157	439173	0.86	cps
Zinc	66-2	84788	83397	83008	83731	1.12	cps
Zirconium	90-1	259793	260358	257002	259051	0.69	cps
Zirconium	91-1	56958	58238	57042	57413	1.25	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 13:29:44 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45640	45945	45762	45782	0.34	cps
Antimony	121-1	413645	409457	415110	412737	0.71	cps
Arsenic	75-2	14317	14498	14310	14375	0.74	cps
Barium	135-1	410505	410551	408651	409902	0.26	cps
Barium	137-1	697368	712017	701012	703466	1.08	cps
Beryllium	9-1	86801	86285	86858	86648	0.36	cps
Bismuth	209-1	1381598	1240811	1315514	1312641	5.37	cps
Bismuth	209-2	857101	860009	838605	851905	1.36	cps
Boron	10-1	5912	6322	7060	6431	9.05	cps
Boron	11-1	28161	31908	34315	31461	9.86	cps
Bromine	81-1	2363	2263	2313	2313	2.17	cps
Cadmium	111-1	96544	95801	94810	95718	0.91	cps
Cadmium	106-1	11597	10754	10504	10952	5.23	cps
Cadmium	108-1	7119	6823	6952	6964	2.13	cps
Calcium	43-1	111808	108331	111481	110540	1.74	cps
Calcium	44-1	1789610	1799029	1827894	1805511	1.10	cps
Chromium	52-2	109720	110315	109633	109889	0.34	cps
Cobalt	59-2	197936	198614	198795	198448	0.23	cps
Copper	63-2	1524740	1546567	1512896	1528068	1.12	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	20	3	3	9	108.30	cps
Holmium	165-1	2216611	2025320	2168799	2136910	4.66	cps
Holmium	165-2	1189808	1196807	1172980	1186532	1.03	cps
Indium	115-1	2143891	1932002	2015618	2030504	5.26	cps
Indium	115-2	350422	351322	348667	350137	0.39	cps
Iron	54-2	235289	239688	233354	236110	1.37	cps
Iron	56-2	4266844	4299751	4220229	4262274	0.94	cps
Iron	57-2	106747	107967	105616	106777	1.10	cps
Krypton	83-1	467	383	473	441	11.37	cps
Lead	206-1	1080235	1094271	1085017	1086508	0.66	cps
Lead	207-1	979685	977572	980864	979374	0.17	cps
Lead	208-1	4456281	4441782	4444829	4447631	0.17	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:29:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	625041	574203	596740	598661	4.26	cps
Magnesium	24-2	678938	678776	678982	678899	0.02	cps
Manganese	55-2	510477	512973	508398	510616	0.45	cps
Molybdenum	94-1	775592	769947	779988	775176	0.65	cps
Molybdenum	95-1	941300	940622	936153	939358	0.30	cps
Molybdenum	96-1	1043419	1051575	1045441	1046812	0.41	cps
Molybdenum	97-1	580298	585898	583077	583091	0.48	cps
Molybdenum	98-1	1469796	1482782	1506053	1486211	1.24	cps
Neodymium	150-1	27	27	0	18	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	55243	54668	54531	54814	0.69	cps
Phosphorus	31-2	3092	3275	2959	3109	5.11	cps
Potassium	39-2	270450	273936	268835	271073	0.96	cps
Rhodium	103-1	2089602	1897156	2010715	1999158	4.84	cps
Rhodium	103-2	1049823	1058961	1050905	1053229	0.47	cps
Scandium	45-1	1490338	1340519	1435707	1422188	5.33	cps
Scandium	45-2	48638	48217	47866	48241	0.80	cps
Selenium	82-1	6452	6228	6327	6336	1.77	cps
Selenium	77-2	183	177	240	200	17.40	cps
Selenium	78-2	713	669	697	693	3.21	cps
Silicon	28-1	918866	940127	953719	937571	1.87	cps
Silver	109-1	449220	451794	456384	452466	0.80	cps
Silver	107-1	476756	475588	482080	478142	0.72	cps
Sodium	23-2	1326889	1327780	1334961	1329876	0.33	cps
Strontium	86-1	118450	118349	116769	117856	0.80	cps
Strontium	88-1	1026074	1011016	1007115	1014735	0.99	cps
Sulfur	34-1	566582	562919	561579	563693	0.46	cps
Terbium	159-1	2390280	2132993	2277851	2267041	5.69	cps
Terbium	159-2	1185377	1189860	1172153	1182463	0.78	cps
Thallium	203-1	266316	269750	271929	269332	1.05	cps
Thallium	205-1	636317	637356	648693	640789	1.07	cps
Tin	118-1	282613	282326	285582	283507	0.64	cps
Titanium	47-1	278615	278162	277606	278128	0.18	cps
Uranium	238-1	766082	772536	769367	769328	0.42	cps
Vanadium	51-2	87042	87532	86117	86897	0.83	cps
Yttrium	89-1	3840440	3450192	3589844	3626826	5.45	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:29:44	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	440617	443203	435031	439617	0.95	cps
Zinc	66-2	208017	206308	205126	206484	0.70	cps
Zirconium	90-1	643112	639622	639128	640621	0.34	cps
Zirconium	91-1	142615	142608	142076	142433	0.22	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 13:32:51 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89334	89549	89518	89467	0.13	cps
Antimony	121-1	836510	830762	834373	833881	0.35	cps
Arsenic	75-2	28251	28090	28444	28262	0.63	cps
Barium	135-1	817532	820787	821760	820026	0.27	cps
Barium	137-1	1413429	1412251	1396357	1407346	0.68	cps
Beryllium	9-1	174662	171867	172780	173103	0.82	cps
Bismuth	209-1	1397843	1387468	1366689	1384000	1.15	cps
Bismuth	209-2	847244	829677	837977	838299	1.05	cps
Boron	10-1	11430	12827	13890	12716	9.70	cps
Boron	11-1	54194	60975	66484	60551	10.17	cps
Bromine	81-1	2483	2443	2343	2423	2.98	cps
Cadmium	111-1	191580	189615	193420	191538	0.99	cps
Cadmium	106-1	21192	19706	20841	20580	3.77	cps
Cadmium	108-1	13444	13594	13544	13528	0.57	cps
Calcium	43-1	224185	222246	225572	224001	0.75	cps
Calcium	44-1	3611323	3543869	3576524	3577239	0.94	cps
Chromium	52-2	217939	217000	215411	216783	0.59	cps
Cobalt	59-2	391014	393153	387725	390630	0.70	cps
Copper	63-2	3015173	3013034	3019675	3015961	0.11	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	17	13	3	11	62.48	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	42	83	33	53	50.76	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	2239646	2259619	2267721	2255662	0.64	cps
Holmium	165-2	1171439	1160549	1170863	1167617	0.52	cps
Indium	115-1	2146466	2136911	2122936	2135438	0.55	cps
Indium	115-2	345996	340773	343707	343492	0.76	cps
Iron	54-2	463489	466910	462034	464144	0.54	cps
Iron	56-2	8391588	8377349	8419228	8396055	0.25	cps
Iron	57-2	212212	210478	207149	209946	1.23	cps
Krypton	83-1	407	433	460	433	6.15	cps
Lead	206-1	2172216	2247788	2236307	2218770	1.84	cps
Lead	207-1	2004683	1959962	1999644	1988096	1.23	cps
Lead	208-1	8885159	8920894	8944112	8916722	0.33	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:32:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	631180	628529	627562	629091	0.30	cps
Magnesium	24-2	1341392	1329661	1349474	1340176	0.74	cps
Manganese	55-2	1009707	1016421	1006155	1010761	0.52	cps
Molybdenum	94-1	1541358	1552901	1539763	1544674	0.46	cps
Molybdenum	95-1	1890609	1884238	1851207	1875351	1.13	cps
Molybdenum	96-1	2116665	2136710	2091206	2114860	1.08	cps
Molybdenum	97-1	1186469	1182365	1177569	1182134	0.38	cps
Molybdenum	98-1	2995553	3020684	2944226	2986821	1.30	cps
Neodymium	150-1	7	47	40	31	68.88	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	106844	107801	106313	106986	0.70	cps
Phosphorus	31-2	5985	5943	6026	5985	0.70	cps
Potassium	39-2	516980	517459	516462	516967	0.10	cps
Rhodium	103-1	2127600	2111793	2063024	2100806	1.60	cps
Rhodium	103-2	1039636	1032990	1039251	1037292	0.36	cps
Scandium	45-1	1505881	1480062	1474518	1486820	1.13	cps
Scandium	45-2	47003	46204	47000	46736	0.99	cps
Selenium	82-1	12582	12738	12656	12659	0.62	cps
Selenium	77-2	390	333	280	334	16.45	cps
Selenium	78-2	1306	1207	1334	1283	5.20	cps
Silicon	28-1	1106939	1154365	1157913	1139739	2.50	cps
Silver	109-1	922564	913943	910032	915513	0.70	cps
Silver	107-1	960393	946744	952166	953101	0.72	cps
Sodium	23-2	2599957	2627931	2606732	2611540	0.56	cps
Strontium	86-1	236736	240239	236856	237944	0.84	cps
Strontium	88-1	2041014	2030701	2045667	2039127	0.38	cps
Sulfur	34-1	588487	591113	587640	589080	0.31	cps
Terbium	159-1	2383734	2421450	2358716	2387967	1.32	cps
Terbium	159-2	1176330	1157922	1170931	1168394	0.81	cps
Thallium	203-1	543830	543909	544646	544128	0.08	cps
Thallium	205-1	1290261	1292706	1296488	1293151	0.24	cps
Tin	118-1	573608	572879	569473	571987	0.39	cps
Titanium	47-1	563554	555228	562199	560327	0.80	cps
Uranium	238-1	1550714	1566273	1574037	1563675	0.76	cps
Vanadium	51-2	169369	171605	170030	170335	0.67	cps
Yttrium	89-1	3899209	3819995	3862783	3860662	1.03	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:32:51	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	434726	428874	435011	432870	0.80	cps
Zinc	66-2	403177	403828	404689	403898	0.19	cps
Zirconium	90-1	1288219	1280945	1287817	1285660	0.32	cps
Zirconium	91-1	288672	284503	284908	286028	0.80	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:35:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190615	189517	186095	188742	1.25	cps
Antimony	121-1	1634846	1646646	1799814	1693769	5.43	cps
Arsenic	75-2	60215	59557	59623	59798	0.61	cps
Barium	135-1	1622553	1624186	1797527	1681422	5.98	cps
Barium	137-1	2797784	2777244	3058357	2877795	5.45	cps
Beryllium	9-1	343587	346480	374330	354799	4.78	cps
Bismuth	209-1	1394542	1396476	1504715	1431911	4.40	cps
Bismuth	209-2	876982	895601	878636	883740	1.17	cps
Boron	10-1	22052	25192	29475	25573	14.57	cps
Boron	11-1	105310	120213	142106	122543	15.10	cps
Bromine	81-1	2102	2443	2373	2306	7.80	cps
Cadmium	111-1	374969	379869	412168	389002	5.20	cps
Cadmium	106-1	39373	39265	42926	40521	5.14	cps
Cadmium	108-1	27386	27694	29540	28207	4.13	cps
Calcium	43-1	445747	443820	485752	458440	5.16	cps
Calcium	44-1	7062635	7044185	7617559	7241460	4.50	cps
Chromium	52-2	456365	452873	454952	454730	0.39	cps
Cobalt	59-2	823009	811241	817223	817158	0.72	cps
Copper	63-2	6257765	6291796	6226873	6258811	0.52	cps
Dysprosium	156-1	67	33	108	69	54.12	cps
Dysprosium	156-2	7	20	13	13	49.99	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	75	17	33	42	72.11	cps
Gadolinium	160-2	17	20	30	22	31.22	cps
Holmium	165-1	2285958	2265876	2438360	2330065	4.05	cps
Holmium	165-2	1249837	1244204	1234610	1242884	0.62	cps
Indium	115-1	2121086	2155086	2278670	2184947	3.80	cps
Indium	115-2	355857	363421	358693	359324	1.06	cps
Iron	54-2	989390	974448	972239	978692	0.95	cps
Iron	56-2	17793221	17582746	17397092	17591020	1.13	cps
Iron	57-2	443943	444735	438171	442283	0.81	cps
Krypton	83-1	470	443	527	480	8.87	cps
Lead	206-1	4452907	4473073	4829959	4585313	4.63	cps
Lead	207-1	4007866	4005920	4348354	4120714	4.78	cps
Lead	208-1	17845872	17925687	19476622	18416061	4.99	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:35:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	630331	629811	676466	645536	4.15	cps
Magnesium	24-2	2800277	2802310	2772638	2791742	0.59	cps
Manganese	55-2	2195831	2115776	2108728	2140112	2.26	cps
Molybdenum	94-1	3084591	3135498	3250837	3156975	2.70	cps
Molybdenum	95-1	3729490	3763816	4008413	3833906	3.97	cps
Molybdenum	96-1	4139949	4239211	4527023	4302061	4.67	cps
Molybdenum	97-1	2347016	2368739	2525729	2413828	4.04	cps
Molybdenum	98-1	5961583	6016334	6411500	6129806	4.00	cps
Neodymium	150-1	67	67	47	60	19.24	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	223393	222499	225282	223725	0.63	cps
Phosphorus	31-2	12130	12514	12214	12286	1.64	cps
Potassium	39-2	1067042	1071552	1074431	1071008	0.35	cps
Rhodium	103-1	2112859	2083452	2241051	2145787	3.91	cps
Rhodium	103-2	1077589	1094120	1083375	1085028	0.77	cps
Scandium	45-1	1529576	1496381	1605938	1543965	3.64	cps
Scandium	45-2	49221	49508	49274	49334	0.31	cps
Selenium	82-1	24877	25244	27154	25758	4.74	cps
Selenium	77-2	873	797	793	821	5.51	cps
Selenium	78-2	2716	2663	2688	2689	0.99	cps
Silicon	28-1	1748038	1834487	1984628	1855718	6.45	cps
Silver	109-1	1794611	1793366	1967984	1851987	5.42	cps
Silver	107-1	1871771	1924868	2095897	1964179	5.96	cps
Sodium	23-2	5469814	5480419	5374199	5441477	1.08	cps
Strontium	86-1	475473	478166	516745	490128	4.71	cps
Strontium	88-1	3991672	4049998	4309691	4117120	4.11	cps
Sulfur	34-1	642952	641248	666111	650104	2.14	cps
Terbium	159-1	2410090	2419153	2598883	2476042	4.30	cps
Terbium	159-2	1241511	1231559	1218980	1230683	0.92	cps
Thallium	203-1	1101167	1102147	1199261	1134192	4.97	cps
Thallium	205-1	2590972	2588447	2808908	2662776	4.75	cps
Tin	118-1	1133450	1152593	1248357	1178133	5.23	cps
Titanium	47-1	1120976	1121625	1215117	1152573	4.70	cps
Uranium	238-1	3132551	3141166	3391458	3221725	4.56	cps
Vanadium	51-2	364759	358725	357055	360180	1.13	cps
Yttrium	89-1	3852397	3853019	4113805	3939740	3.83	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:35:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	454684	459384	454307	456125	0.62	cps
Zinc	66-2	851986	853408	842544	849313	0.70	cps
Zirconium	90-1	2566691	2541024	2794600	2634105	5.30	cps
Zirconium	91-1	567825	577637	618236	587899	4.55	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 13:38:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360567	360566	362436	361190	0.30	cps
Antimony	121-1	3354772	3340463	3387949	3361061	0.72	cps
Arsenic	75-2	115394	115144	114535	115025	0.38	cps
Barium	135-1	3312936	3273646	3237551	3274711	1.15	cps
Barium	137-1	5730606	5644865	5628451	5667974	0.97	cps
Beryllium	9-1	692250	706826	705578	701552	1.15	cps
Bismuth	209-1	1417615	1418673	1407207	1414498	0.45	cps
Bismuth	209-2	859844	858692	852579	857038	0.46	cps
Boron	10-1	47910	53803	57494	53069	9.11	cps
Boron	11-1	227389	256949	278589	254309	10.11	cps
Bromine	81-1	2373	2513	2463	2449	2.90	cps
Cadmium	111-1	768262	774285	770272	770940	0.40	cps
Cadmium	106-1	80979	80308	82321	81203	1.26	cps
Cadmium	108-1	55093	55432	56879	55801	1.70	cps
Calcium	43-1	917507	915988	908135	913877	0.55	cps
Calcium	44-1	14484957	14454322	14510932	14483404	0.20	cps
Chromium	52-2	868717	867353	866516	867529	0.13	cps
Cobalt	59-2	1559787	1568803	1524496	1551028	1.51	cps
Copper	63-2	11917325	11934556	11865062	11905648	0.30	cps
Dysprosium	156-1	67	67	67	67	0.00	cps
Dysprosium	156-2	47	30	40	39	21.57	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	50	92	42	61	43.83	cps
Gadolinium	160-2	50	43	7	33	69.99	cps
Holmium	165-1	2345484	2329782	2344496	2339921	0.38	cps
Holmium	165-2	1224174	1220174	1214097	1219482	0.42	cps
Indium	115-1	2221295	2194031	2134326	2183217	2.04	cps
Indium	115-2	349563	348307	344330	347400	0.79	cps
Iron	54-2	1910564	1925878	1883378	1906607	1.13	cps
Iron	56-2	34054437	34276832	33453987	33928419	1.25	cps
Iron	57-2	851387	851277	844004	848889	0.50	cps
Krypton	83-1	473	430	390	431	9.67	cps
Lead	206-1	8966233	9073144	9012746	9017374	0.59	cps
Lead	207-1	8161659	8175282	8122993	8153311	0.33	cps
Lead	208-1	36565137	36722156	36427540	36571611	0.40	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:38:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	646975	639697	639356	642009	0.67	cps
Magnesium	24-2	5341496	5354558	5277363	5324472	0.78	cps
Manganese	55-2	4046742	4085614	3946135	4026164	1.79	cps
Molybdenum	94-1	6290290	6223791	6267753	6260611	0.54	cps
Molybdenum	95-1	7571799	7567440	7617456	7585565	0.37	cps
Molybdenum	96-1	8487852	8570589	8495350	8517930	0.54	cps
Molybdenum	97-1	4829381	4775521	4819907	4808270	0.60	cps
Molybdenum	98-1	12132708	12187460	11995312	12105160	0.82	cps
Neodymium	150-1	93	120	100	104	13.28	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	428287	424746	428069	427034	0.46	cps
Phosphorus	31-2	23336	23127	22768	23077	1.24	cps
Potassium	39-2	2020003	2012101	2016180	2016095	0.20	cps
Rhodium	103-1	2117298	2113244	2090564	2107035	0.68	cps
Rhodium	103-2	1053194	1037862	1039370	1043476	0.81	cps
Scandium	45-1	1554341	1530219	1517173	1533911	1.23	cps
Scandium	45-2	48839	48642	47699	48393	1.26	cps
Selenium	82-1	51561	50863	51254	51226	0.68	cps
Selenium	77-2	1537	1543	1430	1503	4.23	cps
Selenium	78-2	5130	5167	5101	5133	0.64	cps
Silicon	28-1	2925338	3110777	3218961	3085026	4.81	cps
Silver	109-1	3642691	3653692	3665447	3653943	0.31	cps
Silver	107-1	3868422	3781004	3856732	3835386	1.24	cps
Sodium	23-2	10377352	10203090	10125624	10235355	1.26	cps
Strontium	86-1	958722	963138	976744	966201	0.97	cps
Strontium	88-1	8144044	8209706	8201701	8185150	0.44	cps
Sulfur	34-1	772255	768655	766856	769255	0.36	cps
Terbium	159-1	2475475	2503379	2465160	2481338	0.80	cps
Terbium	159-2	1207142	1205495	1200512	1204383	0.29	cps
Thallium	203-1	2243077	2229719	2234379	2235725	0.30	cps
Thallium	205-1	5253087	5237760	5191526	5227458	0.61	cps
Tin	118-1	2298393	2334427	2325353	2319391	0.81	cps
Titanium	47-1	2297633	2297674	2313699	2303002	0.40	cps
Uranium	238-1	6608353	6670099	6711666	6663373	0.78	cps
Vanadium	51-2	694723	683310	683595	687209	0.95	cps
Yttrium	89-1	4009942	3954330	3976951	3980408	0.70	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:38:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	448561	446037	443917	446172	0.52	cps
Zinc	66-2	1624711	1628854	1605011	1619525	0.79	cps
Zirconium	90-1	5216318	5187289	5233571	5212393	0.45	cps
Zirconium	91-1	1175739	1181116	1192318	1183057	0.71	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1736735	1719692	1656652	1704360	2.48	cps
Antimony	121-1	7402	8078	8386	7955	6.33	cps
Arsenic	75-2	246	224	254	241	6.44	cps
Barium	135-1	11197	11630	11655	11494	2.24	cps
Barium	137-1	18980	19506	19932	19473	2.45	cps
Beryllium	9-1	1332	1264	1212	1269	4.74	cps
Bismuth	209-1	1306411	1345501	1271363	1307759	2.84	cps
Bismuth	209-2	806204	814797	804987	808663	0.66	cps
Boron	10-1	10750	9711	9143	9868	8.26	cps
Boron	11-1	52013	47300	42597	47303	9.95	cps
Bromine	81-1	2453	2503	2643	2533	3.89	cps
Cadmium	111-1	2106	1998	2163	2089	4.01	cps
Cadmium	106-1	1167	1050	1333	1183	12.03	cps
Cadmium	108-1	117	113	154	128	17.96	cps
Calcium	43-1	3936151	4094079	3982699	4004310	2.03	cps
Calcium	44-1	64224070	65685962	64175562	64695198	1.33	cps
Chromium	52-2	23530	23479	22912	23307	1.47	cps
Cobalt	59-2	5051	5214	5034	5100	1.95	cps
Copper	63-2	24902	25526	24775	25068	1.60	cps
Dysprosium	156-1	167	158	125	150	14.70	cps
Dysprosium	156-2	83	93	97	91	7.62	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-1	208	258	175	214	19.61	cps
Gadolinium	160-2	90	110	63	88	26.67	cps
Holmium	165-1	2239862	2323972	2143923	2235919	4.03	cps
Holmium	165-2	1180705	1188874	1186070	1185216	0.35	cps
Indium	115-1	2165040	2253277	2122207	2180175	3.07	cps
Indium	115-2	363468	361990	363215	362891	0.22	cps
Iron	54-2	8323807	8355913	8280156	8319958	0.46	cps
Iron	56-2	154049148	153205831	153610620	153621866	0.27	cps
Iron	57-2	3919348	3887763	3755791	3854301	2.25	cps
Krypton	83-1	470	427	497	464	7.61	cps
Lead	206-1	22742	23766	23188	23232	2.21	cps
Lead	207-1	20700	20678	20450	20609	0.67	cps
Lead	208-1	93372	95640	93367	94126	1.39	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	605689	624348	592699	607578	2.62	cps
Magnesium	24-2	24367363	23765207	23465374	23865981	1.92	cps
Manganese	55-2	9934	10020	10317	10090	1.99	cps
Molybdenum	94-1	14224	14858	14399	14494	2.26	cps
Molybdenum	95-1	18755	19481	18254	18830	3.28	cps
Molybdenum	96-1	20524	21117	21651	21097	2.67	cps
Molybdenum	97-1	11222	11730	11555	11502	2.25	cps
Molybdenum	98-1	30100	31169	30083	30451	2.04	cps
Neodymium	150-1	53	47	13	38	56.73	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	7739	7695	7639	7691	0.65	cps
Phosphorus	31-2	250	308	308	289	11.66	cps
Potassium	39-2	8953172	8995118	8799717	8916003	1.15	cps
Rhodium	103-1	1995626	2021742	1957253	1991540	1.63	cps
Rhodium	103-2	997981	1001654	989468	996368	0.63	cps
Scandium	45-1	1472558	1522204	1435479	1476747	2.95	cps
Scandium	45-2	47706	47134	46174	47004	1.65	cps
Selenium	82-1	107	156	28	97	66.64	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	39	50	40	43	14.16	cps
Silicon	28-1	886369	939143	961142	928885	4.14	cps
Silver	109-1	6602	6677	6910	6730	2.39	cps
Silver	107-1	6652	7127	6685	6821	3.89	cps
Sodium	23-2	45958193	45356771	45041646	45452203	1.02	cps
Strontium	86-1	3534	4242	4376	4051	11.17	cps
Strontium	88-1	29532	30125	30325	29994	1.38	cps
Sulfur	34-1	506988	514327	515602	512305	0.91	cps
Terbium	159-1	2368648	2421864	2288285	2359599	2.85	cps
Terbium	159-2	1174315	1184448	1174391	1177718	0.49	cps
Thallium	203-1	4884	4593	4468	4648	4.60	cps
Thallium	205-1	10855	10254	10421	10510	2.95	cps
Tin	118-1	6060	5543	5726	5776	4.54	cps
Titanium	47-1	4276	4693	4626	4531	4.94	cps
Uranium	238-1	11339	12106	10922	11456	5.24	cps
Vanadium	51-2	1417	1213	1400	1343	8.40	cps
Yttrium	89-1	3859283	3973402	3735399	3856028	3.09	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 13:41:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	437947	440244	439478	439223	0.27	cps
Zinc	66-2	9463	9573	9210	9415	1.98	cps
Zirconium	90-1	9895	10204	9629	9909	2.91	cps
Zirconium	91-1	2209	2284	2225	2239	1.76	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:06:35	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9459	9573	9411	9481	0.88	cps
Antimony	121-1	644217	651125	657624	650988	1.03	cps
Arsenic	75-2	23385	23281	23285	23317	0.25	cps
Barium	135-1	64455	65902	66112	65490	1.38	cps
Barium	137-1	111525	113498	113692	112905	1.06	cps
Beryllium	9-1	68976	69647	69645	69423	0.56	cps
Bismuth	209-1	1337793	1229296	1347195	1304761	5.02	cps
Bismuth	209-2	829540	825317	830479	828445	0.33	cps
Boron	10-1	30577	33335	34988	32967	6.76	cps
Boron	11-1	147133	160000	168870	158667	6.89	cps
Bromine	81-1	2112	2383	2253	2249	6.01	cps
Cadmium	111-1	77956	79754	79005	78905	1.14	cps
Cadmium	106-1	11922	12564	13207	12564	5.11	cps
Cadmium	108-1	7440	7573	7669	7560	1.52	cps
Calcium	43-1	18854	20440	20139	19811	4.25	cps
Calcium	44-1	322537	331998	325476	326670	1.48	cps
Chromium	52-2	88488	87493	86181	87387	1.32	cps
Cobalt	59-2	160964	162260	158979	160734	1.03	cps
Copper	63-2	125370	123911	125771	125017	0.78	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	2187177	1984389	2163699	2111755	5.25	cps
Holmium	165-2	1163154	1138413	1150677	1150748	1.07	cps
Indium	115-1	2043878	1878271	2067741	1996630	5.17	cps
Indium	115-2	336790	334838	336153	335927	0.30	cps
Iron	54-2	76130	75895	74672	75566	1.04	cps
Iron	56-2	1338179	1338877	1331145	1336067	0.32	cps
Iron	57-2	33478	33094	33378	33317	0.60	cps
Krypton	83-1	447	453	543	481	11.22	cps
Lead	206-1	367601	372704	374090	371465	0.92	cps
Lead	207-1	312124	311026	313875	312342	0.46	cps
Lead	208-1	1443466	1456517	1462928	1454304	0.68	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:06:35	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	632169	580454	625142	612588	4.58	cps
Magnesium	24-2	62936	63112	63405	63151	0.37	cps
Manganese	55-2	40541	40086	39023	39883	1.95	cps
Molybdenum	94-1	2950020	3042139	3020174	3004111	1.60	cps
Molybdenum	95-1	3583386	3659475	3645837	3629566	1.12	cps
Molybdenum	96-1	3992447	4070277	4161253	4074659	2.07	cps
Molybdenum	97-1	2262916	2299012	2281589	2281172	0.79	cps
Molybdenum	98-1	5709983	5764153	5793386	5755841	0.74	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	44252	45115	43958	44441	1.35	cps
Phosphorus	31-2	350	267	283	300	14.70	cps
Potassium	39-2	98963	97395	96950	97769	1.08	cps
Rhodium	103-1	2070427	1899340	2075273	2015013	4.97	cps
Rhodium	103-2	1025262	1030106	1032440	1029269	0.36	cps
Scandium	45-1	1441647	1333127	1443065	1405947	4.49	cps
Scandium	45-2	48177	46471	46699	47116	1.97	cps
Selenium	82-1	9983	10395	10183	10187	2.02	cps
Selenium	77-2	323	350	330	334	4.15	cps
Selenium	78-2	1052	1132	1015	1066	5.61	cps
Silicon	28-1	1337472	1332233	1350428	1340044	0.70	cps
Silver	109-1	172800	176477	177667	175648	1.44	cps
Silver	107-1	185737	188248	187698	187228	0.71	cps
Sodium	23-2	233342	233394	232439	233058	0.23	cps
Strontium	86-1	466923	483102	477946	475990	1.74	cps
Strontium	88-1	4045489	4099274	3996246	4047003	1.27	cps
Sulfur	34-1	539965	547597	541913	543158	0.73	cps
Terbium	159-1	2322300	2135801	2308436	2255512	4.61	cps
Terbium	159-2	1152811	1149535	1154289	1152212	0.21	cps
Thallium	203-1	424506	437872	439517	433965	1.90	cps
Thallium	205-1	1006205	1035787	1045226	1029073	1.98	cps
Tin	118-1	1136665	1167448	1159864	1154659	1.39	cps
Titanium	47-1	1073666	1095240	1097809	1088905	1.22	cps
Uranium	238-1	3404514	3466903	3469246	3446888	1.07	cps
Vanadium	51-2	69042	68021	68462	68508	0.75	cps
Yttrium	89-1	3766330	3435210	3796213	3665917	5.47	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:06:35	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	426113	424014	425574	425233	0.26	cps
Zinc	66-2	33095	33239	33182	33172	0.22	cps
Zirconium	90-1	2589911	2610180	2638372	2612821	0.93	cps
Zirconium	91-1	571483	586880	582381	580248	1.36	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:14:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	606	672	646	641	5.18	cps
Antimony	121-1	6177	5943	6243	6121	2.57	cps
Arsenic	75-2	134	110	128	124	10.07	cps
Barium	135-1	6352	5926	6393	6224	4.15	cps
Barium	137-1	10429	10930	11113	10824	3.27	cps
Beryllium	9-1	710	700	756	722	4.14	cps
Bismuth	209-1	1336832	1258762	1336821	1310805	3.44	cps
Bismuth	209-2	825989	825465	837661	829705	0.83	cps
Boron	10-1	2294	2454	2428	2392	3.59	cps
Boron	11-1	10047	11102	12021	11057	8.93	cps
Bromine	81-1	2373	2333	2433	2379	2.12	cps
Cadmium	111-1	1345	1395	1325	1355	2.67	cps
Cadmium	106-1	1008	1017	1008	1011	0.48	cps
Cadmium	108-1	63	83	63	69	17.33	cps
Calcium	43-1	4551	4784	5009	4781	4.80	cps
Calcium	44-1	96339	96045	96884	96422	0.44	cps
Chromium	52-2	2814	2710	2790	2771	1.96	cps
Cobalt	59-2	1753	1533	1497	1595	8.71	cps
Copper	63-2	3030	3247	3164	3147	3.47	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	2157649	2056433	2166862	2126981	2.88	cps
Holmium	165-2	1146644	1149885	1152831	1149787	0.27	cps
Indium	115-1	2079399	1977624	2072100	2043041	2.78	cps
Indium	115-2	345134	347629	348323	347029	0.48	cps
Iron	54-2	2417	2528	2489	2478	2.28	cps
Iron	56-2	38168	38625	38196	38329	0.67	cps
Iron	57-2	944	1011	928	961	4.59	cps
Krypton	83-1	517	377	473	456	15.73	cps
Lead	206-1	2245	2289	2295	2276	1.20	cps
Lead	207-1	2000	2089	2006	2032	2.45	cps
Lead	208-1	8751	9024	8824	8866	1.59	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:14:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	601482	578098	594994	591525	2.04	cps
Magnesium	24-2	26767	25974	25999	26246	1.72	cps
Manganese	55-2	557	437	450	481	13.67	cps
Molybdenum	94-1	6327	6844	6202	6457	5.27	cps
Molybdenum	95-1	7219	7869	7352	7480	4.59	cps
Molybdenum	96-1	8611	8361	8920	8631	3.24	cps
Molybdenum	97-1	4684	4651	4934	4756	3.26	cps
Molybdenum	98-1	11597	11780	11889	11755	1.26	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	627	550	583	587	6.55	cps
Phosphorus	31-2	292	383	350	342	13.58	cps
Potassium	39-2	37458	37207	38276	37647	1.49	cps
Rhodium	103-1	2095433	1976711	2052452	2041532	2.94	cps
Rhodium	103-2	1040456	1043232	1042703	1042130	0.14	cps
Scandium	45-1	1479033	1390395	1463067	1444165	3.27	cps
Scandium	45-2	47033	46150	47314	46833	1.30	cps
Selenium	82-1	180	297	221	233	25.72	cps
Selenium	77-2	7	17	3	9	78.08	cps
Selenium	78-2	68	51	58	59	14.48	cps
Silicon	28-1	578956	574778	571568	575100	0.64	cps
Silver	109-1	3092	3492	3301	3295	6.07	cps
Silver	107-1	3442	3692	3234	3456	6.64	cps
Sodium	23-2	77439	76400	76827	76889	0.68	cps
Strontium	86-1	1583	1492	1542	1539	2.98	cps
Strontium	88-1	8094	7944	8028	8022	0.94	cps
Sulfur	34-1	532884	534875	534216	533992	0.19	cps
Terbium	159-1	2346109	2159458	2307275	2270948	4.34	cps
Terbium	159-2	1141851	1159282	1160477	1153870	0.90	cps
Thallium	203-1	2234	2184	2159	2192	1.74	cps
Thallium	205-1	4684	5009	5226	4973	5.48	cps
Tin	118-1	11247	11222	11505	11324	1.39	cps
Titanium	47-1	2700	2809	2575	2695	4.33	cps
Uranium	238-1	6018	6335	5877	6077	3.86	cps
Vanadium	51-2	3427	3607	3504	3513	2.57	cps
Yttrium	89-1	3770517	3552224	3684351	3669031	3.00	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:14:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	430253	436410	443947	436870	1.57	cps
Zinc	66-2	590	567	557	571	3.00	cps
Zirconium	90-1	4876	4743	4718	4779	1.78	cps
Zirconium	91-1	1208	1083	1000	1097	9.56	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:18:18 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	250	264	252	4.42	cps
Antimony	121-1	25	25	58	36	53.29	cps
Arsenic	75-2	6	6	3	5	34.64	cps
Barium	135-1	67	50	33	50	33.34	cps
Barium	137-1	83	58	75	72	17.62	cps
Beryllium	9-1	58	56	42	52	16.77	cps
Bismuth	209-1	1395851	1347249	1371876	1371659	1.77	cps
Bismuth	209-2	783918	823606	819715	809080	2.70	cps
Boron	10-1	1368	1224	1244	1278	6.10	cps
Boron	11-1	6320	6118	5902	6113	3.42	cps
Bromine	81-1	2363	2393	2212	2323	4.16	cps
Cadmium	111-1	585	738	794	706	15.28	cps
Cadmium	106-1	817	1050	1108	992	15.56	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	467	667	725	619	21.87	cps
Calcium	44-1	27736	26901	25765	26801	3.69	cps
Chromium	52-2	1007	997	1130	1044	7.11	cps
Cobalt	59-2	30	30	53	38	35.66	cps
Copper	63-2	597	617	587	600	2.55	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	50	58	39	68.89	cps
Gadolinium	160-2	0	20	3	8	137.80	cps
Holmium	165-1	2259739	2205998	2211520	2225752	1.33	cps
Holmium	165-2	1086314	1144600	1143701	1124871	2.97	cps
Indium	115-1	2114894	2119456	2148195	2127515	0.85	cps
Indium	115-2	323692	347051	345217	338654	3.84	cps
Iron	54-2	350	372	311	344	8.98	cps
Iron	56-2	2250	2234	2556	2347	7.73	cps
Iron	57-2	83	94	72	83	13.34	cps
Krypton	83-1	467	430	397	431	8.12	cps
Lead	206-1	517	500	578	532	7.70	cps
Lead	207-1	411	467	439	439	6.33	cps
Lead	208-1	2017	2011	2139	2056	3.51	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:18:18	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	632997	611710	618053	620920	1.76	cps
Magnesium	24-2	117	275	175	189	42.39	cps
Manganese	55-2	53	77	57	62	20.29	cps
Molybdenum	94-1	67	133	117	106	32.87	cps
Molybdenum	95-1	42	58	25	42	40.00	cps
Molybdenum	96-1	125	75	100	100	25.00	cps
Molybdenum	97-1	67	17	25	36	74.18	cps
Molybdenum	98-1	50	33	17	33	50.00	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70	127	143	113	33.92	cps
Phosphorus	31-2	225	375	225	275	31.49	cps
Potassium	39-2	18053	18863	17686	18201	3.31	cps
Rhodium	103-1	2116466	2113881	2119883	2116743	0.14	cps
Rhodium	103-2	979477	1030831	1047266	1019191	3.47	cps
Scandium	45-1	1501940	1502024	1497466	1500477	0.17	cps
Scandium	45-2	44452	46920	46084	45818	2.74	cps
Selenium	82-1	-31	6	16	-3	-782.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	33	28	32	11.27	cps
Silicon	28-1	560087	562358	560142	560862	0.23	cps
Silver	109-1	50	17	25	31	56.77	cps
Silver	107-1	42	25	75	47	53.91	cps
Sodium	23-2	26383	26775	26667	26608	0.76	cps
Strontium	86-1	633	625	708	656	7.00	cps
Strontium	88-1	133	192	192	172	19.55	cps
Sulfur	34-1	538339	538123	535520	537327	0.29	cps
Terbium	159-1	2423898	2351870	2362459	2379409	1.63	cps
Terbium	159-2	1080950	1146160	1149592	1125567	3.44	cps
Thallium	203-1	100	67	108	92	24.05	cps
Thallium	205-1	292	242	192	242	20.69	cps
Tin	118-1	400	408	342	383	9.48	cps
Titanium	47-1	592	558	483	544	10.19	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	0	17	3	7	132.33	cps
Yttrium	89-1	3879483	3784665	3830250	3831466	1.24	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:18:18	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	409638	430344	431659	423880	2.91	cps
Zinc	66-2	143	120	120	128	10.55	cps
Zirconium	90-1	200	167	167	178	10.83	cps
Zirconium	91-1	17	0	50	22	114.56	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:21:10 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1646429	1635809	1633619	1638619	0.42	cps
Antimony	121-1	3334	3642	3767	3581	6.23	cps
Arsenic	75-2	41	45	52	46	12.11	cps
Barium	135-1	867	1117	1258	1081	18.35	cps
Barium	137-1	1500	1592	1525	1539	3.08	cps
Beryllium	9-1	222	228	248	233	5.85	cps
Bismuth	209-1	1359343	1365894	1375702	1366980	0.60	cps
Bismuth	209-2	832590	831560	835894	833348	0.27	cps
Boron	10-1	1350	1330	1268	1316	3.25	cps
Boron	11-1	6456	6442	6254	6384	1.77	cps
Bromine	81-1	3955	5136	5276	4789	15.16	cps
Cadmium	111-1	1066	1237	967	1090	12.53	cps
Cadmium	106-1	1133	1208	1000	1114	9.47	cps
Cadmium	108-1	604	483	583	557	11.60	cps
Calcium	43-1	833195	864033	856740	851323	1.89	cps
Calcium	44-1	13329606	13556709	13458551	13448288	0.85	cps
Chromium	52-2	17544	18756	18058	18119	3.36	cps
Cobalt	59-2	1803	1777	1823	1801	1.30	cps
Copper	63-2	10204	9990	10377	10190	1.90	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	0	42	36	93.26	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	50	33	83	56	45.83	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	2305898	2288474	2258575	2284316	1.05	cps
Holmium	165-2	1193829	1202031	1194800	1196887	0.37	cps
Indium	115-1	2121918	2151113	2172695	2148575	1.19	cps
Indium	115-2	350303	351110	358109	353174	1.22	cps
Iron	54-2	3597384	3589640	3564563	3583863	0.48	cps
Iron	56-2	66235103	66895908	66726603	66619205	0.52	cps
Iron	57-2	1656264	1667925	1666942	1663710	0.39	cps
Krypton	83-1	393	370	477	413	13.57	cps
Lead	206-1	8603	8647	8575	8609	0.42	cps
Lead	207-1	6813	6996	7208	7006	2.82	cps
Lead	208-1	32177	33757	32405	32780	2.60	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:21:10	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	628495	631518	642324	634113	1.15	cps
Magnesium	24-2	4962763	5008377	4914408	4961849	0.95	cps
Manganese	55-2	3324	2960	3440	3242	7.72	cps
Molybdenum	94-1	1616879	1681209	1692296	1663461	2.45	cps
Molybdenum	95-1	2861247	2892689	2906086	2886674	0.80	cps
Molybdenum	96-1	3085070	3097846	3168741	3117219	1.45	cps
Molybdenum	97-1	1777701	1767897	1834487	1793362	2.00	cps
Molybdenum	98-1	4507817	4653063	4630888	4597256	1.70	cps
Neodymium	150-1	20	0	40	20	100.00	cps
Neodymium	150-2	10	17	0	9	94.38	cps
Nickel	60-2	2437	2284	2457	2392	3.96	cps
Phosphorus	31-2	112265	111762	111310	111779	0.43	cps
Potassium	39-2	3879302	3961297	3972003	3937534	1.29	cps
Rhodium	103-1	2045296	2065396	2109611	2073434	1.59	cps
Rhodium	103-2	1038324	1041676	1048719	1042907	0.51	cps
Scandium	45-1	1485000	1499632	1516886	1500506	1.06	cps
Scandium	45-2	47465	48211	47916	47864	0.78	cps
Selenium	82-1	-3	50	-38	3	1635.35	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	23	31	33	29	18.25	cps
Silicon	28-1	644036	646806	650835	647225	0.53	cps
Silver	109-1	142	108	175	142	23.53	cps
Silver	107-1	158	142	158	153	6.30	cps
Sodium	23-2	9922371	10027953	9933556	9961293	0.58	cps
Strontium	86-1	31687	33315	32530	32511	2.51	cps
Strontium	88-1	269482	276255	279032	274923	1.79	cps
Sulfur	34-1	1373623	1369911	1365955	1369830	0.28	cps
Terbium	159-1	2370467	2439956	2445368	2418597	1.73	cps
Terbium	159-2	1186678	1185917	1193714	1188770	0.36	cps
Thallium	203-1	117	283	367	256	49.81	cps
Thallium	205-1	542	575	625	581	7.22	cps
Tin	118-1	758	842	892	831	8.11	cps
Titanium	47-1	867961	874774	890501	877746	1.32	cps
Uranium	238-1	100	133	117	117	14.29	cps
Vanadium	51-2	110	123	103	112	9.08	cps
Yttrium	89-1	3803835	3908680	3988204	3900240	2.37	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:21:10	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	447893	447994	451772	449220	0.49	cps
Zinc	66-2	1970	2060	1917	1982	3.66	cps
Zirconium	90-1	325	208	258	264	22.18	cps
Zirconium	91-1	50	33	58	47	26.96	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:23:58 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1671822	1589103	1655734	1638886	2.68	cps
Antimony	121-1	68279	70364	70305	69650	1.70	cps
Arsenic	75-2	2389	2353	2390	2378	0.89	cps
Barium	135-1	14108	14383	14266	14252	0.97	cps
Barium	137-1	24473	25859	25266	25199	2.76	cps
Beryllium	9-1	13852	13776	13634	13754	0.81	cps
Bismuth	209-1	1385905	1357381	1375492	1372926	1.05	cps
Bismuth	209-2	801029	836229	838634	825298	2.55	cps
Boron	10-1	3782	4214	4560	4185	9.31	cps
Boron	11-1	18021	20216	21259	19832	8.33	cps
Bromine	81-1	3584	4065	3995	3881	6.69	cps
Cadmium	111-1	15907	16694	16358	16320	2.42	cps
Cadmium	106-1	3042	3009	2709	2920	6.29	cps
Cadmium	108-1	1704	1638	1746	1696	3.22	cps
Calcium	43-1	858986	882550	874870	872135	1.38	cps
Calcium	44-1	13433614	14066323	13940973	13813637	2.43	cps
Chromium	52-2	35949	34612	35120	35227	1.92	cps
Cobalt	59-2	33824	32714	32868	33135	1.81	cps
Copper	63-2	35397	34458	34906	34921	1.34	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	2327859	2261852	2312566	2300759	1.50	cps
Holmium	165-2	1151931	1196068	1201969	1183323	2.31	cps
Indium	115-1	2144756	2119087	2202083	2155309	1.97	cps
Indium	115-2	338195	352949	359290	350145	3.09	cps
Iron	54-2	3689345	3603427	3575297	3622690	1.64	cps
Iron	56-2	68699933	66950674	66370889	67340499	1.80	cps
Iron	57-2	1738956	1700064	1663149	1700723	2.23	cps
Krypton	83-1	393	440	407	413	5.82	cps
Lead	206-1	43495	45017	44214	44242	1.72	cps
Lead	207-1	35432	36335	35883	35883	1.26	cps
Lead	208-1	168098	172364	168939	169800	1.33	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:23:58	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	645501	640595	641321	642472	0.41	cps
Magnesium	24-2	5091029	4962561	4970039	5007876	1.44	cps
Manganese	55-2	11114	10998	11168	11093	0.78	cps
Molybdenum	94-1	1779884	1854532	1840789	1825068	2.18	cps
Molybdenum	95-1	2981630	3092078	3022832	3032180	1.84	cps
Molybdenum	96-1	3248823	3326476	3307650	3294316	1.23	cps
Molybdenum	97-1	1856956	1913787	1924049	1898264	1.90	cps
Molybdenum	98-1	4669020	4841593	4824861	4778492	1.99	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	11325	11098	10954	11126	1.68	cps
Phosphorus	31-2	115356	110981	111519	112619	2.12	cps
Potassium	39-2	4036155	3928782	3898830	3954589	1.83	cps
Rhodium	103-1	2128798	2061860	2142215	2110958	2.04	cps
Rhodium	103-2	1005981	1047425	1053403	1035603	2.49	cps
Scandium	45-1	1531737	1531976	1520212	1527975	0.44	cps
Scandium	45-2	46763	48264	48963	47997	2.34	cps
Selenium	82-1	1066	911	995	990	7.85	cps
Selenium	77-2	27	20	43	30	40.05	cps
Selenium	78-2	151	124	115	130	14.41	cps
Silicon	28-1	757196	762255	762341	760597	0.39	cps
Silver	109-1	67985	70891	70690	69855	2.32	cps
Silver	107-1	71921	73261	73806	72996	1.33	cps
Sodium	23-2	10230389	9885081	9902201	10005890	1.94	cps
Strontium	86-1	83776	85234	84119	84377	0.90	cps
Strontium	88-1	718066	729340	730340	725915	0.94	cps
Sulfur	34-1	1337575	1358268	1377746	1357863	1.48	cps
Terbium	159-1	2404671	2379684	2478302	2420886	2.12	cps
Terbium	159-2	1144188	1190918	1214933	1183346	3.04	cps
Thallium	203-1	42077	44084	44226	43462	2.76	cps
Thallium	205-1	99455	105401	105325	103394	3.30	cps
Tin	118-1	123949	125085	126144	125059	0.88	cps
Titanium	47-1	900669	934469	919708	918282	1.85	cps
Uranium	238-1	339971	355104	351565	348880	2.27	cps
Vanadium	51-2	13810	13747	13897	13818	0.55	cps
Yttrium	89-1	3970098	3888937	3917970	3925668	1.05	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:23:58	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	429344	448088	454487	443973	2.94	cps
Zinc	66-2	5358	5351	5274	5328	0.87	cps
Zirconium	90-1	277709	290529	285199	284479	2.26	cps
Zirconium	91-1	61034	65169	65078	63760	3.70	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:26:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1015900	1012172	1004355	1010809	0.58	cps
Antimony	121-1	1755969	1704922	1751397	1737429	1.63	cps
Arsenic	75-2	61892	61434	61409	61578	0.44	cps
Barium	135-1	1750603	1736158	1741866	1742876	0.42	cps
Barium	137-1	2996048	2974414	3008830	2993098	0.58	cps
Beryllium	9-1	357109	363822	363438	361456	1.04	cps
Bismuth	209-1	1381297	1400022	1402732	1394684	0.84	cps
Bismuth	209-2	862258	856926	861123	860102	0.33	cps
Boron	10-1	21750	26270	28590	25537	13.62	cps
Boron	11-1	107015	126758	139026	124267	13.00	cps
Bromine	81-1	3224	2753	2673	2883	10.32	cps
Cadmium	111-1	392659	402033	396538	397077	1.19	cps
Cadmium	106-1	40644	42750	41822	41739	2.53	cps
Cadmium	108-1	28187	28292	28429	28303	0.43	cps
Calcium	43-1	2258467	2320715	2276655	2285279	1.40	cps
Calcium	44-1	35617996	36914728	36421628	36318117	1.80	cps
Chromium	52-2	479945	477676	475573	477731	0.46	cps
Cobalt	59-2	837306	834583	823920	831936	0.85	cps
Copper	63-2	6275651	6214213	6213040	6234301	0.57	cps
Dysprosium	156-1	58	108	100	89	30.14	cps
Dysprosium	156-2	50	40	67	52	25.80	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	125	125	75	108	26.65	cps
Gadolinium	160-2	77	57	67	67	15.00	cps
Holmium	165-1	2354647	2354280	2367133	2358687	0.31	cps
Holmium	165-2	1245520	1244724	1238966	1243070	0.29	cps
Indium	115-1	2301295	2325523	2282260	2303026	0.94	cps
Indium	115-2	375591	373921	373100	374204	0.34	cps
Iron	54-2	4865421	4826095	4791732	4827749	0.76	cps
Iron	56-2	88810941	89276880	88680505	88922775	0.35	cps
Iron	57-2	2227552	2218195	2280434	2242060	1.50	cps
Krypton	83-1	467	477	420	454	6.66	cps
Lead	206-1	4554688	4619286	4613145	4595706	0.78	cps
Lead	207-1	4087641	4169799	4153951	4137131	1.05	cps
Lead	208-1	18313629	18791566	18629256	18578150	1.31	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:26:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	650351	648758	652237	650449	0.27	cps
Magnesium	24-2	13474490	13412555	13441760	13442935	0.23	cps
Manganese	55-2	2199633	2210751	2199680	2203355	0.29	cps
Molybdenum	94-1	3297072	3294322	3316207	3302534	0.36	cps
Molybdenum	95-1	4073668	4017580	4037178	4042809	0.70	cps
Molybdenum	96-1	4473667	4511334	4473843	4486281	0.48	cps
Molybdenum	97-1	2529736	2552091	2552010	2544613	0.51	cps
Molybdenum	98-1	6283843	6407705	6401971	6364506	1.10	cps
Neodymium	150-1	87	47	100	78	35.68	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	228828	229875	228855	229186	0.26	cps
Phosphorus	31-2	12906	12572	12364	12614	2.17	cps
Potassium	39-2	5297156	5263862	5288106	5283041	0.33	cps
Rhodium	103-1	2165093	2164139	2166548	2165260	0.06	cps
Rhodium	103-2	1082398	1062669	1064149	1069738	1.03	cps
Scandium	45-1	1545745	1578957	1554206	1559636	1.11	cps
Scandium	45-2	50211	49836	48903	49650	1.36	cps
Selenium	82-1	26196	26824	26379	26466	1.22	cps
Selenium	77-2	763	770	787	773	1.55	cps
Selenium	78-2	2817	2809	2797	2807	0.36	cps
Silicon	28-1	1611136	1781550	1863387	1752024	7.35	cps
Silver	109-1	1840237	1863707	1886458	1863467	1.24	cps
Silver	107-1	1958391	1984007	2006383	1982927	1.21	cps
Sodium	23-2	26098293	26047582	26300102	26148659	0.51	cps
Strontium	86-1	502115	517569	508863	509516	1.52	cps
Strontium	88-1	4313481	4399518	4335244	4349414	1.03	cps
Sulfur	34-1	612042	631233	625629	622968	1.58	cps
Terbium	159-1	2494306	2547396	2555875	2532525	1.32	cps
Terbium	159-2	1238289	1245063	1240970	1241440	0.27	cps
Thallium	203-1	1114045	1134585	1141881	1130170	1.28	cps
Thallium	205-1	2645137	2692647	2705868	2681217	1.19	cps
Tin	118-1	1196413	1217448	1215338	1209733	0.96	cps
Titanium	47-1	1182883	1201054	1203478	1195805	0.94	cps
Uranium	238-1	3291602	3291527	3332584	3305238	0.72	cps
Vanadium	51-2	376366	372529	370117	373004	0.84	cps
Yttrium	89-1	4113953	4114263	4090236	4106151	0.34	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:26:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	469637	465580	462399	465872	0.78	cps
Zinc	66-2	854552	859204	852317	855358	0.41	cps
Zirconium	90-1	2738262	2833559	2780251	2784024	1.72	cps
Zirconium	91-1	608945	615864	618185	614331	0.78	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:32:27 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	268	288	283	4.55	cps
Antimony	121-1	92	167	242	167	45.00	cps
Arsenic	75-2	10	5	7	7	34.32	cps
Barium	135-1	8	33	25	22	57.29	cps
Barium	137-1	67	50	17	44	57.28	cps
Beryllium	9-1	56	54	60	57	5.39	cps
Bismuth	209-1	1340458	1340631	1290535	1323875	2.18	cps
Bismuth	209-2	844363	842920	839043	842109	0.33	cps
Boron	10-1	1648	1616	1616	1626	1.14	cps
Boron	11-1	7765	7566	7502	7611	1.80	cps
Bromine	81-1	2343	2413	2212	2323	4.38	cps
Cadmium	111-1	575	696	591	621	10.58	cps
Cadmium	106-1	808	1000	833	881	11.83	cps
Cadmium	108-1	4	29	13	15	83.31	cps
Calcium	43-1	675	592	767	678	12.91	cps
Calcium	44-1	26892	26174	27560	26876	2.58	cps
Chromium	52-2	990	1053	1057	1033	3.64	cps
Cobalt	59-2	20	13	53	29	74.19	cps
Copper	63-2	1110	1073	1077	1087	1.87	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	50	8	42	33	66.15	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	2210769	2189355	2125787	2175304	2.03	cps
Holmium	165-2	1177502	1170533	1174593	1174209	0.30	cps
Indium	115-1	2085917	2117955	2039023	2080965	1.91	cps
Indium	115-2	353742	352712	352231	352895	0.22	cps
Iron	54-2	406	472	411	430	8.61	cps
Iron	56-2	2645	2728	2934	2769	5.37	cps
Iron	57-2	94	78	133	102	27.99	cps
Krypton	83-1	483	477	510	490	3.60	cps
Lead	206-1	972	1028	783	928	13.81	cps
Lead	207-1	822	761	800	794	3.89	cps
Lead	208-1	3650	3506	3389	3515	3.72	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:32:27	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	620953	623260	601257	615156	1.97	cps
Magnesium	24-2	250	225	408	294	33.77	cps
Manganese	55-2	87	67	63	72	17.48	cps
Molybdenum	94-1	158	133	108	133	18.75	cps
Molybdenum	95-1	108	117	100	108	7.69	cps
Molybdenum	96-1	192	83	108	128	44.39	cps
Molybdenum	97-1	50	58	42	50	16.66	cps
Molybdenum	98-1	208	67	75	117	68.14	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	113	130	123	7.15	cps
Phosphorus	31-2	242	267	225	244	8.58	cps
Potassium	39-2	19113	18763	18713	18863	1.16	cps
Rhodium	103-1	2045585	2109685	2047655	2067641	1.76	cps
Rhodium	103-2	1062766	1059516	1057170	1059817	0.27	cps
Scandium	45-1	1496749	1489148	1411617	1465838	3.21	cps
Scandium	45-2	47736	47013	47365	47371	0.76	cps
Selenium	82-1	-81	-74	-106	-87	-19.45	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	29	39	28	32	19.01	cps
Silicon	28-1	562645	559236	559969	560617	0.32	cps
Silver	109-1	67	50	50	56	17.32	cps
Silver	107-1	92	75	92	86	11.18	cps
Sodium	23-2	31009	31635	31844	31496	1.38	cps
Strontium	86-1	775	617	800	731	13.61	cps
Strontium	88-1	183	225	108	172	34.33	cps
Sulfur	34-1	519966	520047	520269	520094	0.03	cps
Terbium	159-1	2346649	2322341	2229407	2299466	2.69	cps
Terbium	159-2	1166079	1164618	1171270	1167322	0.30	cps
Thallium	203-1	300	183	183	222	30.31	cps
Thallium	205-1	592	567	550	569	3.68	cps
Tin	118-1	408	367	433	403	8.36	cps
Titanium	47-1	608	642	608	619	3.11	cps
Uranium	238-1	0	17	17	11	86.60	cps
Vanadium	51-2	13	17	0	10	88.20	cps
Yttrium	89-1	3800269	3780641	3707266	3762726	1.30	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:32:27	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	442402	446831	440822	443351	0.70	cps
Zinc	66-2	180	170	193	181	6.47	cps
Zirconium	90-1	192	200	267	219	18.73	cps
Zirconium	91-1	25	58	58	47	40.76	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:35:18 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	710	634	636	660	6.56	cps
Antimony	121-1	6710	6677	6118	6502	5.11	cps
Arsenic	75-2	135	115	117	122	9.00	cps
Barium	135-1	6760	6493	6235	6496	4.04	cps
Barium	137-1	11614	11605	11055	11425	2.80	cps
Beryllium	9-1	708	746	698	717	3.53	cps
Bismuth	209-1	1359970	1384292	1392375	1378879	1.22	cps
Bismuth	209-2	857173	841924	837961	845686	1.20	cps
Boron	10-1	2006	2166	2390	2187	8.82	cps
Boron	11-1	9909	10874	11284	10689	6.60	cps
Bromine	81-1	2042	2463	2503	2336	10.92	cps
Cadmium	111-1	1530	1460	1444	1478	3.11	cps
Cadmium	106-1	1200	1008	1008	1072	10.32	cps
Cadmium	108-1	50	54	71	58	18.89	cps
Calcium	43-1	4926	4843	4718	4829	2.17	cps
Calcium	44-1	99132	97941	100039	99037	1.06	cps
Chromium	52-2	3177	2717	2834	2909	8.22	cps
Cobalt	59-2	1523	1603	1673	1600	4.69	cps
Copper	63-2	3420	3144	3330	3298	4.28	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	17	42	33	31	41.66	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	2213865	2277249	2237652	2242922	1.43	cps
Holmium	165-2	1184884	1165076	1172327	1174096	0.85	cps
Indium	115-1	2093201	2164060	2154318	2137193	1.80	cps
Indium	115-2	358480	352352	350026	353619	1.23	cps
Iron	54-2	2306	2367	2289	2321	1.76	cps
Iron	56-2	38641	37956	37583	38060	1.41	cps
Iron	57-2	1033	1033	989	1019	2.52	cps
Krypton	83-1	517	453	427	466	9.93	cps
Lead	206-1	2628	2356	2473	2485	5.50	cps
Lead	207-1	2100	2122	2139	2121	0.92	cps
Lead	208-1	10174	9629	9663	9822	3.11	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:35:18	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	620986	629286	633973	628081	1.05	cps
Magnesium	24-2	27017	27151	27134	27101	0.27	cps
Manganese	55-2	430	440	497	456	7.89	cps
Molybdenum	94-1	5993	6085	6385	6154	3.33	cps
Molybdenum	95-1	8745	7961	7761	8155	6.38	cps
Molybdenum	96-1	9345	9112	8761	9073	3.24	cps
Molybdenum	97-1	4893	4868	5068	4943	2.21	cps
Molybdenum	98-1	12314	12081	12489	12295	1.67	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	653	583	620	619	5.66	cps
Phosphorus	31-2	250	258	258	256	1.88	cps
Potassium	39-2	40157	40834	39020	40003	2.29	cps
Rhodium	103-1	2075904	2108009	2115113	2099676	0.99	cps
Rhodium	103-2	1067321	1052149	1055541	1058337	0.75	cps
Scandium	45-1	1501736	1471969	1496966	1490224	1.07	cps
Scandium	45-2	47521	46936	47552	47336	0.73	cps
Selenium	82-1	188	206	304	233	26.83	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	61	70	68	66	7.12	cps
Silicon	28-1	579282	577770	577399	578150	0.17	cps
Silver	109-1	3376	3701	3634	3570	4.81	cps
Silver	107-1	3926	3459	4001	3795	7.74	cps
Sodium	23-2	82701	83045	80740	82162	1.51	cps
Strontium	86-1	1467	1792	1600	1620	10.09	cps
Strontium	88-1	8336	8203	8111	8217	1.38	cps
Sulfur	34-1	523437	526125	525752	525105	0.28	cps
Terbium	159-1	2355344	2367354	2448778	2390492	2.13	cps
Terbium	159-2	1183262	1165029	1166172	1171487	0.87	cps
Thallium	203-1	2100	2192	2225	2172	2.98	cps
Thallium	205-1	5518	5393	5418	5443	1.22	cps
Tin	118-1	11413	12164	11497	11691	3.52	cps
Titanium	47-1	2959	2692	2784	2811	4.82	cps
Uranium	238-1	6368	6460	5877	6235	5.03	cps
Vanadium	51-2	3584	3734	3614	3644	2.18	cps
Yttrium	89-1	3858105	3903773	3885911	3882596	0.59	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:35:18	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	446654	442281	436732	441889	1.13	cps
Zinc	66-2	563	463	580	536	11.78	cps
Zirconium	90-1	5109	5351	5226	5229	2.31	cps
Zirconium	91-1	1192	1142	1167	1167	2.14	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : PB128651BL Instrumnet Name : P8
 Client Sample ID : PB128651BL Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 14:38:10 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	240	270	243	10.76	cps
Antimony	121-1	67	42	58	56	22.91	cps
Arsenic	75-2	9	6	5	7	31.22	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	50	50	50	50	0.00	cps
Beryllium	9-1	60	50	50	53	10.83	cps
Bismuth	209-1	1338914	1342280	1321895	1334363	0.82	cps
Bismuth	209-2	819627	836153	844370	833383	1.51	cps
Boron	10-1	1310	1208	1240	1252	4.16	cps
Boron	11-1	5862	5800	5708	5790	1.34	cps
Bromine	81-1	2353	2493	2603	2483	5.05	cps
Cadmium	111-1	668	641	678	662	2.92	cps
Cadmium	106-1	967	892	942	933	4.09	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	608	517	542	556	8.53	cps
Calcium	44-1	26809	27552	26809	27057	1.59	cps
Chromium	52-2	1153	913	1030	1032	11.63	cps
Cobalt	59-2	37	53	37	42	22.78	cps
Copper	63-2	733	757	820	770	5.82	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	17	8	19	65.47	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	2220848	2188231	2164589	2191223	1.29	cps
Holmium	165-2	1144854	1155460	1161141	1153818	0.72	cps
Indium	115-1	2123749	2062093	2102131	2095991	1.49	cps
Indium	115-2	346049	347878	353699	349209	1.14	cps
Iron	54-2	350	372	300	341	10.86	cps
Iron	56-2	2372	2506	2534	2471	3.49	cps
Iron	57-2	89	117	94	100	14.70	cps
Krypton	83-1	487	460	440	462	5.07	cps
Lead	206-1	667	650	744	687	7.34	cps
Lead	207-1	572	628	689	630	9.27	cps
Lead	208-1	2706	2572	2934	2737	6.67	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BL	Instrumnet Name :	P8
Client Sample ID :	PB128651BL	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:38:10	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	625764	624096	614249	621370	1.00	cps
Magnesium	24-2	250	208	217	225	9.80	cps
Manganese	55-2	53	90	90	78	27.22	cps
Molybdenum	94-1	67	83	108	86	24.35	cps
Molybdenum	95-1	58	75	17	50	60.09	cps
Molybdenum	96-1	42	150	75	89	62.42	cps
Molybdenum	97-1	67	33	25	42	52.92	cps
Molybdenum	98-1	50	17	33	33	50.00	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	113	97	107	8.27	cps
Phosphorus	31-2	175	258	225	219	19.11	cps
Potassium	39-2	19005	19439	19363	19269	1.20	cps
Rhodium	103-1	2100205	2092575	2118541	2103774	0.63	cps
Rhodium	103-2	1021279	1037130	1061318	1039909	1.94	cps
Scandium	45-1	1459447	1454207	1457954	1457203	0.19	cps
Scandium	45-2	46301	46793	48585	47226	2.55	cps
Selenium	82-1	-37	-33	12	-19	-139.90	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	37	32	28	32	13.95	cps
Silicon	28-1	555073	558858	560013	557981	0.46	cps
Silver	109-1	25	42	42	36	26.65	cps
Silver	107-1	33	75	58	56	37.75	cps
Sodium	23-2	29589	29288	28495	29124	1.94	cps
Strontium	86-1	608	692	733	678	9.39	cps
Strontium	88-1	142	217	208	189	21.76	cps
Sulfur	34-1	533574	526184	530801	530186	0.70	cps
Terbium	159-1	2289564	2342617	2299069	2310416	1.22	cps
Terbium	159-2	1148935	1158078	1173576	1160196	1.07	cps
Thallium	203-1	200	150	167	172	14.79	cps
Thallium	205-1	292	392	367	350	14.87	cps
Tin	118-1	367	317	308	331	9.54	cps
Titanium	47-1	633	683	500	606	15.65	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	20	7	17	14	48.02	cps
Yttrium	89-1	3790014	3810541	3751494	3784016	0.79	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BL	Instrumnet Name :	P8
Client Sample ID :	PB128651BL	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:38:10	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	428146	434558	440953	434553	1.47	cps
Zinc	66-2	110	157	140	136	17.45	cps
Zirconium	90-1	300	217	183	233	25.75	cps
Zirconium	91-1	58	42	42	47	20.38	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BS	Instrumnet Name :	P8
Client Sample ID :	PB128651BS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:41:01	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189804	191456	188199	189820	0.86	cps
Antimony	121-1	1715223	1756456	1765489	1745723	1.54	cps
Arsenic	75-2	60919	61551	61329	61267	0.52	cps
Barium	135-1	1742440	1704276	1733241	1726653	1.15	cps
Barium	137-1	2965475	2967785	2961790	2965017	0.10	cps
Beryllium	9-1	355788	361549	361252	359530	0.90	cps
Bismuth	209-1	1430284	1438711	1450317	1439771	0.70	cps
Bismuth	209-2	867849	892188	880030	880022	1.38	cps
Boron	10-1	19159	23192	26046	22799	15.18	cps
Boron	11-1	90947	112086	125516	109516	15.91	cps
Bromine	81-1	2222	2243	2323	2263	2.34	cps
Cadmium	111-1	395667	400174	398964	398268	0.59	cps
Cadmium	106-1	41580	42014	42408	42001	0.99	cps
Cadmium	108-1	28400	29026	29093	28840	1.33	cps
Calcium	43-1	468392	468824	472533	469916	0.48	cps
Calcium	44-1	7367150	7523025	7541420	7477199	1.28	cps
Chromium	52-2	464575	465539	458345	462820	0.84	cps
Cobalt	59-2	826654	832386	829120	829387	0.35	cps
Copper	63-2	6403151	6303749	6302179	6336360	0.91	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	33	23	17	24	34.31	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	67	42	33	47	36.74	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	2375326	2402221	2383655	2387067	0.58	cps
Holmium	165-2	1220043	1255264	1235795	1237034	1.43	cps
Indium	115-1	2305803	2289459	2264004	2286422	0.92	cps
Indium	115-2	360961	370829	362962	364917	1.43	cps
Iron	54-2	997745	992104	986523	992124	0.57	cps
Iron	56-2	18272351	18196630	18030563	18166515	0.68	cps
Iron	57-2	451171	457315	447103	451863	1.14	cps
Krypton	83-1	513	497	460	490	5.57	cps
Lead	206-1	4538405	4649495	4692442	4626781	1.72	cps
Lead	207-1	4140308	4155878	4198893	4165026	0.73	cps
Lead	208-1	18382963	18643177	18765464	18597201	1.05	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BS	Instrumnet Name :	P8
Client Sample ID :	PB128651BS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:41:01	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	663514	660196	663043	662251	0.27	cps
Magnesium	24-2	2841811	2758465	2773333	2791203	1.59	cps
Manganese	55-2	2234703	2180385	2175562	2196883	1.49	cps
Molybdenum	94-1	3198229	3256956	3262996	3239394	1.10	cps
Molybdenum	95-1	3928045	3966795	3959776	3951539	0.52	cps
Molybdenum	96-1	4325955	4425604	4409336	4386965	1.22	cps
Molybdenum	97-1	2451119	2519483	2503893	2491498	1.44	cps
Molybdenum	98-1	6175631	6305098	6214313	6231681	1.07	cps
Neodymium	150-1	67	80	40	62	32.73	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	231316	230065	230155	230512	0.30	cps
Phosphorus	31-2	12656	12172	12647	12492	2.22	cps
Potassium	39-2	1074909	1092865	1082114	1083296	0.83	cps
Rhodium	103-1	2168145	2182746	2216839	2189243	1.14	cps
Rhodium	103-2	1076722	1109962	1087537	1091407	1.55	cps
Scandium	45-1	1590987	1553039	1604743	1582923	1.69	cps
Scandium	45-2	49261	50318	49525	49701	1.11	cps
Selenium	82-1	26165	26481	26946	26531	1.48	cps
Selenium	77-2	847	773	840	820	4.95	cps
Selenium	78-2	2805	2760	2829	2798	1.25	cps
Silicon	28-1	1710107	1860581	1924285	1831658	6.00	cps
Silver	109-1	1909210	1900394	1916499	1908701	0.42	cps
Silver	107-1	1971380	2031564	2009761	2004235	1.52	cps
Sodium	23-2	5531495	5434072	5382298	5449289	1.39	cps
Strontium	86-1	493724	500583	507291	500533	1.36	cps
Strontium	88-1	4258357	4228034	4274025	4253472	0.55	cps
Sulfur	34-1	672914	662227	660392	665177	1.02	cps
Terbium	159-1	2564480	2492614	2493568	2516887	1.64	cps
Terbium	159-2	1229448	1252755	1234863	1239022	0.98	cps
Thallium	203-1	1111962	1156868	1153579	1140803	2.19	cps
Thallium	205-1	2648532	2722277	2758885	2709898	2.07	cps
Tin	118-1	1199047	1207458	1208944	1205150	0.44	cps
Titanium	47-1	1183514	1183810	1193190	1186838	0.46	cps
Uranium	238-1	3241570	3319169	3288088	3282942	1.19	cps
Vanadium	51-2	364604	368518	366311	366478	0.54	cps
Yttrium	89-1	4056313	4088159	4092689	4079053	0.49	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	PB128651BS	Instrumnet Name :	P8
Client Sample ID :	PB128651BS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:41:01	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	459839	471271	463933	465014	1.25	cps
Zinc	66-2	865519	872370	867089	868326	0.41	cps
Zirconium	90-1	2657362	2662492	2662571	2660809	0.11	cps
Zirconium	91-1	591010	599753	603247	598003	1.05	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09	Instrumnet Name :	P8
Client Sample ID :	S45-0055	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:43:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426	404	408	413	2.84	cps
Antimony	121-1	242	342	358	314	20.10	cps
Arsenic	75-2	85	84	87	85	1.79	cps
Barium	135-1	7627	7602	7085	7438	4.11	cps
Barium	137-1	12673	12581	13123	12792	2.27	cps
Beryllium	9-1	96	72	74	81	16.50	cps
Bismuth	209-1	1380075	1391987	1385810	1385957	0.43	cps
Bismuth	209-2	850700	851719	864602	855673	0.91	cps
Boron	10-1	5294	4994	4842	5043	4.56	cps
Boron	11-1	25653	24407	22635	24232	6.26	cps
Bromine	81-1	4145	5036	4826	4669	9.98	cps
Cadmium	111-1	658	667	600	642	5.68	cps
Cadmium	106-1	925	942	842	903	5.93	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	277549	279434	279562	278848	0.40	cps
Calcium	44-1	4449739	4480983	4479863	4470195	0.40	cps
Chromium	52-2	1217	1187	1350	1251	6.95	cps
Cobalt	59-2	4944	5098	5274	5105	3.24	cps
Copper	63-2	2127	2250	2074	2150	4.21	cps
Dysprosium	156-1	25	50	58	44	39.03	cps
Dysprosium	156-2	17	17	13	16	12.40	cps
Erbium	164-1	8	25	75	36	96.08	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	30	33	33	32	5.97	cps
Holmium	165-1	2276253	2289358	2259247	2274953	0.66	cps
Holmium	165-2	1195958	1199460	1207539	1200986	0.49	cps
Indium	115-1	2157697	2195708	2159139	2170848	0.99	cps
Indium	115-2	356910	355069	359330	357103	0.60	cps
Iron	54-2	4228	3939	3539	3902	8.87	cps
Iron	56-2	68218	67196	67090	67501	0.92	cps
Iron	57-2	1795	1795	1683	1758	3.65	cps
Krypton	83-1	410	387	417	404	3.89	cps
Lead	206-1	1128	989	1061	1059	6.56	cps
Lead	207-1	1106	950	933	996	9.53	cps
Lead	208-1	4600	4173	4167	4313	5.76	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09	Instrumnet Name :	P8
Client Sample ID :	S45-0055	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:43:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	634362	639045	643521	638976	0.72	cps
Magnesium	24-2	463847	453896	457203	458315	1.11	cps
Manganese	55-2	2096858	2117928	2113702	2109496	0.53	cps
Molybdenum	94-1	475	533	367	458	18.45	cps
Molybdenum	95-1	600	492	542	544	9.96	cps
Molybdenum	96-1	617	650	617	628	3.07	cps
Molybdenum	97-1	383	350	325	353	8.30	cps
Molybdenum	98-1	1000	775	767	847	15.62	cps
Neodymium	150-1	33	53	33	40	28.87	cps
Neodymium	150-2	33	17	17	22	43.28	cps
Nickel	60-2	1620	1683	1740	1681	3.57	cps
Phosphorus	31-2	225	208	175	203	12.55	cps
Potassium	39-2	128713	129183	126317	128071	1.20	cps
Rhodium	103-1	2150393	2121915	2165927	2146078	1.04	cps
Rhodium	103-2	1070443	1052973	1074909	1066108	1.09	cps
Scandium	45-1	1537712	1520272	1533560	1530515	0.60	cps
Scandium	45-2	48538	48672	48796	48669	0.26	cps
Selenium	82-1	36	15	9	20	70.50	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	27	30	25	27	9.21	cps
Silicon	28-1	14846005	14940949	15120183	14969045	0.93	cps
Silver	109-1	75	42	75	64	30.12	cps
Silver	107-1	100	50	108	86	36.64	cps
Sodium	23-2	479253	475784	472927	475988	0.67	cps
Strontium	86-1	155796	154311	156788	155632	0.80	cps
Strontium	88-1	1324397	1340828	1363426	1342883	1.46	cps
Sulfur	34-1	528055	525155	521607	524939	0.62	cps
Terbium	159-1	2445851	2430649	2433151	2436551	0.33	cps
Terbium	159-2	1174445	1191249	1203900	1189865	1.24	cps
Thallium	203-1	683	500	442	542	23.28	cps
Thallium	205-1	1317	1217	1167	1233	6.19	cps
Tin	118-1	242	258	275	258	6.45	cps
Titanium	47-1	717	833	800	783	7.67	cps
Uranium	238-1	750	817	808	792	4.59	cps
Vanadium	51-2	27	23	23	24	7.89	cps
Yttrium	89-1	3854262	3969067	3900599	3907976	1.48	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09	Instrumnet Name :	P8
Client Sample ID :	S45-0055	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:43:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	447861	446454	450867	448394	0.50	cps
Zinc	66-2	1197	1100	1183	1160	4.52	cps
Zirconium	90-1	292	325	300	306	5.68	cps
Zirconium	91-1	50	58	25	44	39.03	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0055DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:46:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362	356	372	363	2.22	cps
Antimony	121-1	192	133	175	167	18.03	cps
Arsenic	75-2	83	81	97	87	10.02	cps
Barium	135-1	7244	7702	7027	7324	4.71	cps
Barium	137-1	12231	12514	12389	12378	1.15	cps
Beryllium	9-1	68	86	50	68	26.47	cps
Bismuth	209-1	1338091	1391871	1404237	1378066	2.55	cps
Bismuth	209-2	866290	863868	880175	870111	1.01	cps
Boron	10-1	2710	2904	2848	2820	3.54	cps
Boron	11-1	13081	13524	13628	13411	2.16	cps
Bromine	81-1	4706	5076	5246	5009	5.52	cps
Cadmium	111-1	715	785	646	715	9.67	cps
Cadmium	106-1	992	1083	908	995	8.80	cps
Cadmium	108-1	0	4	21	8	132.26	cps
Calcium	43-1	277552	275350	287331	280077	2.28	cps
Calcium	44-1	4369299	4522199	4496958	4462819	1.84	cps
Chromium	52-2	1243	1153	1217	1205	3.84	cps
Cobalt	59-2	5011	5074	5124	5070	1.12	cps
Copper	63-2	1560	1517	1537	1538	1.41	cps
Dysprosium	156-1	8	58	58	42	69.29	cps
Dysprosium	156-2	23	17	13	18	28.64	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	40	33	10	28	56.71	cps
Gadolinium	160-1	67	92	75	78	16.37	cps
Gadolinium	160-2	30	23	37	30	22.23	cps
Holmium	165-1	2171153	2282897	2286200	2246750	2.91	cps
Holmium	165-2	1197975	1190871	1221896	1203580	1.35	cps
Indium	115-1	2077599	2178673	2205488	2153920	3.13	cps
Indium	115-2	358311	358220	364824	360452	1.05	cps
Iron	54-2	3912	4045	3589	3849	6.09	cps
Iron	56-2	68570	68297	67961	68276	0.45	cps
Iron	57-2	1828	1956	1839	1874	3.78	cps
Krypton	83-1	397	473	447	439	8.87	cps
Lead	206-1	1033	1056	806	965	14.34	cps
Lead	207-1	895	778	850	841	7.00	cps
Lead	208-1	4161	3878	3745	3928	5.42	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0055DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:46:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	619048	637576	646430	634351	2.20	cps
Magnesium	24-2	459819	457725	458900	458815	0.23	cps
Manganese	55-2	2124308	2133782	2107495	2121862	0.63	cps
Molybdenum	94-1	300	275	350	308	12.38	cps
Molybdenum	95-1	425	392	508	442	13.61	cps
Molybdenum	96-1	542	533	483	519	6.07	cps
Molybdenum	97-1	242	325	200	256	24.90	cps
Molybdenum	98-1	742	600	608	650	12.23	cps
Neodymium	150-1	27	87	60	58	52.03	cps
Neodymium	150-2	23	20	3	16	68.90	cps
Nickel	60-2	1750	1820	1793	1788	1.98	cps
Phosphorus	31-2	250	325	258	278	14.80	cps
Potassium	39-2	129755	127922	128536	128738	0.72	cps
Rhodium	103-1	2042713	2101560	2144031	2096101	2.43	cps
Rhodium	103-2	1075343	1067951	1079648	1074314	0.55	cps
Scandium	45-1	1470055	1532821	1544895	1515924	2.65	cps
Scandium	45-2	49067	48160	49107	48778	1.10	cps
Selenium	82-1	35	-13	-42	-6	-610.72	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	35	43	34	37	13.21	cps
Silicon	28-1	14655842	14974471	15309870	14980061	2.18	cps
Silver	109-1	42	50	58	50	16.67	cps
Silver	107-1	33	75	92	67	45.07	cps
Sodium	23-2	478752	481940	476065	478919	0.61	cps
Strontium	86-1	155313	156553	155416	155761	0.44	cps
Strontium	88-1	1350854	1362277	1366540	1359890	0.60	cps
Sulfur	34-1	517000	517383	517099	517161	0.04	cps
Terbium	159-1	2335075	2385691	2428813	2383193	1.97	cps
Terbium	159-2	1195455	1199004	1212048	1202169	0.73	cps
Thallium	203-1	125	300	217	214	40.93	cps
Thallium	205-1	417	517	483	472	10.78	cps
Tin	118-1	242	283	150	225	30.32	cps
Titanium	47-1	733	925	567	742	24.18	cps
Uranium	238-1	725	742	933	800	14.47	cps
Vanadium	51-2	37	43	37	39	9.89	cps
Yttrium	89-1	3769274	3967612	3987730	3908205	3.09	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0055DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:46:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	450564	446915	454430	450636	0.83	cps
Zinc	66-2	1040	1133	1090	1088	4.29	cps
Zirconium	90-1	292	308	233	278	14.18	cps
Zirconium	91-1	50	42	42	44	10.82	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0055L	Dilution Factor :	5
Date & Time Acquired ::	2020-05-05 14:49:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332	302	288	307	7.31	cps
Antimony	121-1	92	50	142	94	48.60	cps
Arsenic	75-2	23	25	21	23	8.70	cps
Barium	135-1	1500	1358	1308	1389	7.16	cps
Barium	137-1	2442	2492	2725	2553	5.92	cps
Beryllium	9-1	72	38	50	53	32.34	cps
Bismuth	209-1	1365099	1406624	1413915	1395212	1.89	cps
Bismuth	209-2	856596	858693	871865	862385	0.96	cps
Boron	10-1	1664	1644	1686	1664	1.26	cps
Boron	11-1	8281	8469	8249	8333	1.43	cps
Bromine	81-1	3144	3224	3514	3294	5.92	cps
Cadmium	111-1	557	716	868	714	21.84	cps
Cadmium	106-1	792	1008	1242	1014	22.20	cps
Cadmium	108-1	8	21	25	18	48.05	cps
Calcium	43-1	55608	56453	55600	55887	0.88	cps
Calcium	44-1	903173	924799	929867	919280	1.54	cps
Chromium	52-2	1073	1053	1070	1066	1.01	cps
Cobalt	59-2	1007	920	913	947	5.50	cps
Copper	63-2	1037	967	990	998	3.57	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	33	42	0	25	88.19	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	20	10	30	20	50.00	cps
Holmium	165-1	2222581	2293428	2276476	2264162	1.63	cps
Holmium	165-2	1194510	1194270	1215455	1201411	1.01	cps
Indium	115-1	2100781	2213045	2199845	2171224	2.83	cps
Indium	115-2	359176	353118	361882	358059	1.25	cps
Iron	54-2	1122	1100	1028	1083	4.56	cps
Iron	56-2	15581	15609	15492	15561	0.39	cps
Iron	57-2	344	361	361	356	2.71	cps
Krypton	83-1	480	377	447	434	12.14	cps
Lead	206-1	833	717	700	750	9.69	cps
Lead	207-1	678	650	683	670	2.66	cps
Lead	208-1	2917	2928	2895	2913	0.58	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0055L	Dilution Factor :	5
Date & Time Acquired ::	2020-05-05 14:49:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	618208	638018	643376	633200	2.09	cps
Magnesium	24-2	92133	92216	91461	91937	0.45	cps
Manganese	55-2	413849	411900	413336	413029	0.24	cps
Molybdenum	94-1	100	158	108	122	25.81	cps
Molybdenum	95-1	100	142	50	97	47.21	cps
Molybdenum	96-1	100	233	258	197	43.16	cps
Molybdenum	97-1	42	58	83	61	34.32	cps
Molybdenum	98-1	133	150	142	142	5.88	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	360	470	367	399	15.46	cps
Phosphorus	31-2	408	350	258	339	22.31	cps
Potassium	39-2	41143	40023	39922	40363	1.68	cps
Rhodium	103-1	2119121	2149395	2146140	2138219	0.78	cps
Rhodium	103-2	1061780	1067658	1077387	1068942	0.74	cps
Scandium	45-1	1499032	1518007	1516575	1511204	0.70	cps
Scandium	45-2	48752	47833	48244	48276	0.95	cps
Selenium	82-1	-90	76	-48	-20	-422.76	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	35	46	26	36	28.08	cps
Silicon	28-1	3364421	3447539	3417570	3409843	1.23	cps
Silver	109-1	33	75	25	44	60.28	cps
Silver	107-1	50	58	8	39	68.89	cps
Sodium	23-2	116395	116958	116891	116748	0.26	cps
Strontium	86-1	30601	31845	32338	31595	2.83	cps
Strontium	88-1	265648	269334	268064	267682	0.70	cps
Sulfur	34-1	501977	500640	506702	503107	0.63	cps
Terbium	159-1	2425117	2424474	2383068	2410887	1.00	cps
Terbium	159-2	1184800	1187196	1203546	1191847	0.86	cps
Thallium	203-1	92	83	75	83	10.00	cps
Thallium	205-1	208	250	200	219	12.21	cps
Tin	118-1	333	292	250	292	14.29	cps
Titanium	47-1	633	583	642	619	5.09	cps
Uranium	238-1	175	158	225	186	18.64	cps
Vanadium	51-2	7	27	13	16	65.47	cps
Yttrium	89-1	3822563	3989955	3891522	3901346	2.16	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0055L	Dilution Factor :	5
Date & Time Acquired ::	2020-05-05 14:49:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	447216	444946	453740	448634	1.02	cps
Zinc	66-2	390	430	440	420	6.30	cps
Zirconium	90-1	183	200	183	189	5.10	cps
Zirconium	91-1	25	33	17	25	33.32	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-10	Instrumnet Name :	P8
Client Sample ID :	S45-0055MS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:52:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186939	185742	183938	185540	0.81	cps
Antimony	121-1	1679349	1683719	1720790	1694619	1.34	cps
Arsenic	75-2	61597	61258	60925	61260	0.55	cps
Barium	135-1	1681101	1706553	1751602	1713085	2.08	cps
Barium	137-1	2896660	2899711	2935361	2910577	0.74	cps
Beryllium	9-1	347942	353980	356635	352852	1.26	cps
Bismuth	209-1	1370759	1380395	1416322	1389159	1.73	cps
Bismuth	209-2	858932	863391	857704	860009	0.35	cps
Boron	10-1	21499	26052	28979	25510	14.77	cps
Boron	11-1	102205	124113	139013	121777	15.20	cps
Bromine	81-1	4295	5116	4736	4716	8.71	cps
Cadmium	111-1	380072	390029	387667	385922	1.35	cps
Cadmium	106-1	41087	41940	41321	41449	1.06	cps
Cadmium	108-1	27674	28375	28279	28109	1.35	cps
Calcium	43-1	702261	727792	730559	720204	2.17	cps
Calcium	44-1	11215466	11455820	11490632	11387306	1.32	cps
Chromium	52-2	446175	448065	443871	446037	0.47	cps
Cobalt	59-2	816130	815934	807206	813090	0.63	cps
Copper	63-2	1257570	1249081	1237471	1248041	0.81	cps
Dysprosium	156-1	50	50	50	50	0.00	cps
Dysprosium	156-2	17	37	40	31	40.56	cps
Erbium	164-1	75	33	58	56	37.75	cps
Erbium	164-2	30	23	23	26	15.07	cps
Gadolinium	160-1	75	125	125	108	26.65	cps
Gadolinium	160-2	37	47	43	42	12.06	cps
Holmium	165-1	2270152	2283536	2347550	2300413	1.80	cps
Holmium	165-2	1209613	1219583	1197047	1208748	0.93	cps
Indium	115-1	2137189	2156894	2206085	2166722	1.64	cps
Indium	115-2	353051	353361	354924	353779	0.28	cps
Iron	54-2	981463	970670	971432	974521	0.62	cps
Iron	56-2	17863433	17580765	17662172	17702123	0.82	cps
Iron	57-2	443252	438943	439052	440416	0.56	cps
Krypton	83-1	427	557	420	468	16.47	cps
Lead	206-1	909314	927643	949404	928787	2.16	cps
Lead	207-1	818580	841929	867600	842703	2.91	cps
Lead	208-1	3714823	3795507	3888043	3799458	2.28	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-10	Instrumnet Name :	P8
Client Sample ID :	S45-0055MS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:52:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	630325	638447	643326	637366	1.03	cps
Magnesium	24-2	3165961	3118376	3142983	3142440	0.76	cps
Manganese	55-2	2539933	2526216	2513599	2526583	0.52	cps
Molybdenum	94-1	3169732	3225996	3213678	3203135	0.92	cps
Molybdenum	95-1	3865242	3948606	3955689	3923179	1.28	cps
Molybdenum	96-1	4250539	4375112	4377445	4334365	1.68	cps
Molybdenum	97-1	2385757	2496593	2500372	2460907	2.65	cps
Molybdenum	98-1	6049718	6192671	6262588	6168326	1.76	cps
Neodymium	150-1	147	87	87	107	32.47	cps
Neodymium	150-2	20	40	20	27	43.30	cps
Nickel	60-2	226891	229315	227042	227750	0.60	cps
Phosphorus	31-2	250	167	158	192	26.45	cps
Potassium	39-2	1182500	1187154	1179252	1182969	0.34	cps
Rhodium	103-1	2144706	2106817	2183455	2144992	1.79	cps
Rhodium	103-2	1069632	1058103	1064968	1064234	0.54	cps
Scandium	45-1	1516143	1519884	1551387	1529138	1.27	cps
Scandium	45-2	49244	49073	48635	48984	0.64	cps
Selenium	82-1	25288	26102	26122	25837	1.84	cps
Selenium	77-2	803	750	823	792	4.79	cps
Selenium	78-2	2731	2621	2739	2697	2.45	cps
Silicon	28-1	15488478	15767077	15831618	15695724	1.16	cps
Silver	109-1	1777098	1840802	1824438	1814112	1.82	cps
Silver	107-1	1890751	1949543	1978763	1939686	2.31	cps
Sodium	23-2	5449383	5630692	5450554	5510210	1.89	cps
Strontium	86-1	631688	642498	654610	642932	1.78	cps
Strontium	88-1	5368542	5485244	5494883	5449556	1.29	cps
Sulfur	34-1	526691	524756	528628	526691	0.37	cps
Terbium	159-1	2417562	2489715	2496124	2467801	1.77	cps
Terbium	159-2	1200421	1215914	1201292	1205876	0.72	cps
Thallium	203-1	1091768	1106610	1115253	1104544	1.08	cps
Thallium	205-1	2564828	2636788	2681842	2627819	2.25	cps
Tin	118-1	1188951	1216547	1224851	1210116	1.55	cps
Titanium	47-1	1133199	1165558	1169214	1155990	1.71	cps
Uranium	238-1	3283327	3369749	3328163	3327079	1.30	cps
Vanadium	51-2	358308	358739	353279	356775	0.85	cps
Yttrium	89-1	3945203	3910397	4029439	3961680	1.54	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-10	Instrumnet Name :	P8
Client Sample ID :	S45-0055MS	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:52:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	452115	448930	452873	451306	0.46	cps
Zinc	66-2	172279	172581	171625	172162	0.28	cps
Zirconium	90-1	2621940	2620661	2714142	2652248	2.02	cps
Zirconium	91-1	585165	597909	593128	592067	1.09	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-11	Instrumnet Name :	P8
Client Sample ID :	S45-0055MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:55:10	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182112	181092	180586	181264	0.43	cps
Antimony	121-1	1646990	1657353	1676169	1660171	0.89	cps
Arsenic	75-2	60601	60615	60188	60468	0.40	cps
Barium	135-1	1645172	1689975	1668800	1667982	1.34	cps
Barium	137-1	2865224	2806617	2809033	2826958	1.17	cps
Beryllium	9-1	345592	350516	347083	347730	0.73	cps
Bismuth	209-1	1370294	1378054	1396572	1381640	0.98	cps
Bismuth	209-2	843644	855281	862738	853887	1.13	cps
Boron	10-1	24467	28718	31385	28190	12.38	cps
Boron	11-1	118642	138561	149785	135662	11.63	cps
Bromine	81-1	4505	4736	5026	4756	5.49	cps
Cadmium	111-1	373261	378971	381001	377744	1.06	cps
Cadmium	106-1	39699	39674	39716	39696	0.05	cps
Cadmium	108-1	27235	27628	27983	27615	1.35	cps
Calcium	43-1	699206	707249	716127	707527	1.20	cps
Calcium	44-1	10979109	11318382	11254690	11184060	1.61	cps
Chromium	52-2	438829	443848	439583	440753	0.61	cps
Cobalt	59-2	798913	798454	794904	797424	0.28	cps
Copper	63-2	1227504	1222861	1216920	1222428	0.43	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	20	17	23	20	16.65	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	150	75	58	94	51.71	cps
Gadolinium	160-2	40	33	33	36	10.83	cps
Holmium	165-1	2281698	2251683	2283536	2272306	0.79	cps
Holmium	165-2	1186452	1213743	1208918	1203038	1.21	cps
Indium	115-1	2113490	2133559	2150856	2132635	0.88	cps
Indium	115-2	346275	352354	352874	350501	1.05	cps
Iron	54-2	956630	964720	947974	956441	0.88	cps
Iron	56-2	17467514	17560340	17398525	17475460	0.46	cps
Iron	57-2	430805	432754	430848	431469	0.26	cps
Krypton	83-1	470	427	453	450	4.86	cps
Lead	206-1	893271	916482	931923	913892	2.13	cps
Lead	207-1	812611	833398	827071	824360	1.29	cps
Lead	208-1	3707476	3757946	3730457	3731960	0.68	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-11	Instrumnet Name :	P8
Client Sample ID :	S45-0055MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:55:10	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	632034	634512	636928	634491	0.39	cps
Magnesium	24-2	3082981	3097508	3028247	3069579	1.19	cps
Manganese	55-2	2472904	2468222	2475889	2472338	0.16	cps
Molybdenum	94-1	3084622	3120748	3155571	3120314	1.14	cps
Molybdenum	95-1	3745451	3828944	3814056	3796150	1.17	cps
Molybdenum	96-1	4160336	4282398	4311570	4251435	1.89	cps
Molybdenum	97-1	2381442	2418414	2429786	2409880	1.05	cps
Molybdenum	98-1	5923822	6052933	6164374	6047043	1.99	cps
Neodymium	150-1	107	127	93	109	15.41	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	225476	223298	222779	223851	0.64	cps
Phosphorus	31-2	175	192	192	186	5.17	cps
Potassium	39-2	1152738	1167705	1167209	1162551	0.73	cps
Rhodium	103-1	2096279	2095692	2084972	2092314	0.30	cps
Rhodium	103-2	1054099	1062520	1054762	1057127	0.44	cps
Scandium	45-1	1486122	1527130	1534738	1515997	1.72	cps
Scandium	45-2	47926	49050	48491	48489	1.16	cps
Selenium	82-1	25038	25484	25881	25468	1.66	cps
Selenium	77-2	793	767	830	797	3.99	cps
Selenium	78-2	2655	2721	2720	2698	1.40	cps
Silicon	28-1	15316520	15824534	15699266	15613440	1.70	cps
Silver	109-1	1779569	1795156	1807361	1794029	0.78	cps
Silver	107-1	1870058	1885392	1906871	1887441	0.98	cps
Sodium	23-2	5482607	5489405	5420381	5464131	0.70	cps
Strontium	86-1	619447	631256	639226	629977	1.58	cps
Strontium	88-1	5405645	5444040	5352318	5400668	0.85	cps
Sulfur	34-1	529720	526973	526954	527883	0.30	cps
Terbium	159-1	2401395	2418191	2435011	2418199	0.70	cps
Terbium	159-2	1181062	1206924	1199176	1195721	1.11	cps
Thallium	203-1	1067714	1089315	1096573	1084534	1.38	cps
Thallium	205-1	2494588	2576502	2590283	2553791	2.03	cps
Tin	118-1	1165828	1178612	1204494	1182978	1.67	cps
Titanium	47-1	1105612	1130486	1148117	1128072	1.89	cps
Uranium	238-1	3188043	3290658	3342635	3273779	2.40	cps
Vanadium	51-2	353369	355417	354516	354434	0.29	cps
Yttrium	89-1	3933361	3906177	3937385	3925641	0.43	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-11	Instrumnet Name :	P8
Client Sample ID :	S45-0055MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:55:10	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	443680	444897	445312	444629	0.19	cps
Zinc	66-2	165766	170309	166724	167600	1.43	cps
Zirconium	90-1	2582587	2594568	2647007	2608054	1.31	cps
Zirconium	91-1	575029	584214	590957	583400	1.37	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09A	Instrumnet Name :	P8
Client Sample ID :	S45-0055A	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:57:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185911	183717	186477	185368	0.79	cps
Antimony	121-1	1657718	1676196	1685189	1673035	0.84	cps
Arsenic	75-2	60562	60642	62239	61148	1.55	cps
Barium	135-1	1661465	1689976	1683829	1678424	0.89	cps
Barium	137-1	2823861	2934321	2874357	2877513	1.92	cps
Beryllium	9-1	351383	356707	358467	355519	1.04	cps
Bismuth	209-1	1366117	1410925	1396908	1391317	1.65	cps
Bismuth	209-2	863026	858142	882758	867975	1.50	cps
Boron	10-1	25938	30654	33511	30034	12.73	cps
Boron	11-1	125735	147585	159789	144370	11.95	cps
Bromine	81-1	4946	4946	4966	4953	0.23	cps
Cadmium	111-1	378293	386318	385258	383290	1.14	cps
Cadmium	106-1	39875	40042	40034	39983	0.24	cps
Cadmium	108-1	27298	27791	28722	27937	2.59	cps
Calcium	43-1	708530	722016	725786	718777	1.26	cps
Calcium	44-1	11245189	11251233	11371285	11289235	0.63	cps
Chromium	52-2	441791	442137	442734	442221	0.11	cps
Cobalt	59-2	809223	800992	813693	807969	0.80	cps
Copper	63-2	1231758	1230924	1239899	1234194	0.40	cps
Dysprosium	156-1	58	42	92	64	39.85	cps
Dysprosium	156-2	17	40	30	29	40.51	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	40	23	47	37	32.79	cps
Gadolinium	160-1	75	50	133	86	49.66	cps
Gadolinium	160-2	47	53	37	46	18.41	cps
Holmium	165-1	2277152	2328950	2312992	2306365	1.15	cps
Holmium	165-2	1220911	1212316	1238706	1223978	1.10	cps
Indium	115-1	2086368	2182930	2150136	2139811	2.29	cps
Indium	115-2	353765	353138	358355	355086	0.80	cps
Iron	54-2	970996	961508	977451	969985	0.83	cps
Iron	56-2	17644196	17672400	17670402	17662333	0.09	cps
Iron	57-2	440015	435669	444396	440026	0.99	cps
Krypton	83-1	423	370	433	409	8.33	cps
Lead	206-1	914772	933231	931357	926454	1.10	cps
Lead	207-1	822186	843734	841481	835800	1.42	cps
Lead	208-1	3744448	3832825	3855529	3810934	1.54	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09A	Instrumnet Name :	P8
Client Sample ID :	S45-0055A	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:57:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	630176	645963	649272	641804	1.59	cps
Magnesium	24-2	3141821	3096965	3162045	3133610	1.06	cps
Manganese	55-2	2487328	2533696	2553242	2524755	1.34	cps
Molybdenum	94-1	3097719	3237645	3177743	3171036	2.21	cps
Molybdenum	95-1	3838239	3905305	3904472	3882672	0.99	cps
Molybdenum	96-1	4205904	4371411	4349834	4309050	2.09	cps
Molybdenum	97-1	2373833	2480110	2475778	2443240	2.46	cps
Molybdenum	98-1	5978590	6160869	6123367	6087609	1.58	cps
Neodymium	150-1	100	100	133	111	17.32	cps
Neodymium	150-2	33	13	23	23	42.86	cps
Nickel	60-2	224966	226602	226851	226140	0.45	cps
Phosphorus	31-2	317	208	175	233	31.74	cps
Potassium	39-2	1176241	1168387	1181183	1175270	0.55	cps
Rhodium	103-1	2041142	2165185	2089442	2098589	2.98	cps
Rhodium	103-2	1070844	1067413	1077417	1071892	0.47	cps
Scandium	45-1	1474053	1508274	1534032	1505453	2.00	cps
Scandium	45-2	48973	49064	49565	49201	0.65	cps
Selenium	82-1	25126	26044	25857	25675	1.89	cps
Selenium	77-2	787	770	773	777	1.14	cps
Selenium	78-2	2775	2693	2694	2720	1.73	cps
Silicon	28-1	15424865	15921709	15762748	15703108	1.62	cps
Silver	109-1	1754339	1800268	1812194	1788934	1.71	cps
Silver	107-1	1875724	1902834	1945375	1907978	1.84	cps
Sodium	23-2	5458605	5462105	5580372	5500361	1.26	cps
Strontium	86-1	628385	641291	635691	635122	1.02	cps
Strontium	88-1	5368395	5421689	5434890	5408325	0.65	cps
Sulfur	34-1	523110	527436	522721	524422	0.50	cps
Terbium	159-1	2408327	2471335	2437922	2439195	1.29	cps
Terbium	159-2	1214163	1216336	1239534	1223344	1.15	cps
Thallium	203-1	1084763	1108168	1113670	1102201	1.39	cps
Thallium	205-1	2588475	2638044	2596179	2607566	1.02	cps
Tin	118-1	1185371	1212498	1219653	1205841	1.50	cps
Titanium	47-1	1129838	1144598	1153854	1142763	1.06	cps
Uranium	238-1	3291073	3320832	3358922	3323609	1.02	cps
Vanadium	51-2	354822	355993	362799	357871	1.20	cps
Yttrium	89-1	3795346	3989071	3901188	3895202	2.49	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-09A	Instrumnet Name :	P8
Client Sample ID :	S45-0055A	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 14:57:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	445912	448369	454097	449459	0.93	cps
Zinc	66-2	169146	169118	170636	169633	0.51	cps
Zirconium	90-1	2581071	2627891	2622413	2610458	0.98	cps
Zirconium	91-1	577163	590101	587885	585050	1.18	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-12	Instrumnet Name :	P8
Client Sample ID :	S45-0056	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:00:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	722	720	710	717	0.90	cps
Antimony	121-1	433	358	375	389	10.13	cps
Arsenic	75-2	1237	1219	1211	1223	1.09	cps
Barium	135-1	16652	17161	17695	17170	3.04	cps
Barium	137-1	28714	28848	28681	28748	0.31	cps
Beryllium	9-1	150	144	120	138	11.50	cps
Bismuth	209-1	1441929	1437869	1436515	1438771	0.20	cps
Bismuth	209-2	903912	886623	881655	890730	1.31	cps
Boron	10-1	7560	7542	7050	7384	3.92	cps
Boron	11-1	36610	35203	34177	35330	3.46	cps
Bromine	81-1	4395	4756	5086	4746	7.28	cps
Cadmium	111-1	653	727	693	691	5.35	cps
Cadmium	106-1	933	1017	983	978	4.29	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	396413	392592	400695	396567	1.02	cps
Calcium	44-1	6223472	6247551	6452235	6307753	1.99	cps
Chromium	52-2	1407	1413	1260	1360	6.37	cps
Cobalt	59-2	847	850	750	816	6.96	cps
Copper	63-2	1243	1127	1077	1149	7.44	cps
Dysprosium	156-1	92	33	92	72	46.64	cps
Dysprosium	156-2	43	40	20	34	36.64	cps
Erbium	164-1	142	75	58	92	48.11	cps
Erbium	164-2	60	53	47	53	12.50	cps
Gadolinium	160-1	67	133	92	97	34.64	cps
Gadolinium	160-2	47	53	67	56	18.33	cps
Holmium	165-1	2379386	2348736	2364833	2364318	0.65	cps
Holmium	165-2	1254921	1230988	1234759	1240223	1.04	cps
Indium	115-1	2250009	2235457	2241992	2242486	0.33	cps
Indium	115-2	370439	364163	370802	368468	1.01	cps
Iron	54-2	404973	403336	403397	403902	0.23	cps
Iron	56-2	7458278	7402998	7390949	7417408	0.48	cps
Iron	57-2	182784	183735	184501	183673	0.47	cps
Krypton	83-1	453	483	400	446	9.47	cps
Lead	206-1	1128	1150	1095	1124	2.49	cps
Lead	207-1	989	967	945	967	2.30	cps
Lead	208-1	4550	4567	4456	4524	1.32	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-12	Instrumnet Name :	P8
Client Sample ID :	S45-0056	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:00:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	653881	659777	661130	658263	0.59	cps
Magnesium	24-2	545369	530310	534109	536596	1.46	cps
Manganese	55-2	274475	273784	272952	273737	0.28	cps
Molybdenum	94-1	358	417	425	400	9.08	cps
Molybdenum	95-1	675	600	458	578	19.04	cps
Molybdenum	96-1	633	517	542	564	10.89	cps
Molybdenum	97-1	367	242	300	303	20.66	cps
Molybdenum	98-1	833	792	842	822	3.26	cps
Neodymium	150-1	100	127	120	116	12.01	cps
Neodymium	150-2	60	30	37	42	37.31	cps
Nickel	60-2	1140	1257	1183	1193	4.94	cps
Phosphorus	31-2	217	200	300	239	22.43	cps
Potassium	39-2	149780	146884	149526	148730	1.08	cps
Rhodium	103-1	2219757	2201214	2186010	2202327	0.77	cps
Rhodium	103-2	1099180	1098385	1094555	1097374	0.23	cps
Scandium	45-1	1575170	1556739	1563730	1565213	0.59	cps
Scandium	45-2	51358	48562	49023	49648	3.02	cps
Selenium	82-1	8	-65	21	-12	-392.23	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	30	28	30	29	3.94	cps
Silicon	28-1	10633073	10734779	10903720	10757191	1.27	cps
Silver	109-1	125	133	108	122	10.41	cps
Silver	107-1	117	142	92	117	21.43	cps
Sodium	23-2	681334	665408	673328	673357	1.18	cps
Strontium	86-1	191651	196059	195906	194539	1.29	cps
Strontium	88-1	1668335	1691587	1707147	1689023	1.16	cps
Sulfur	34-1	591661	593693	594929	593428	0.28	cps
Terbium	159-1	2510292	2514919	2505156	2510122	0.19	cps
Terbium	159-2	1242268	1226809	1226376	1231818	0.73	cps
Thallium	203-1	708	633	558	633	11.84	cps
Thallium	205-1	1742	1317	1392	1483	15.29	cps
Tin	118-1	283	433	400	372	21.16	cps
Titanium	47-1	800	642	675	706	11.83	cps
Uranium	238-1	558	508	508	525	5.50	cps
Vanadium	51-2	50	40	57	49	17.16	cps
Yttrium	89-1	4088453	4118827	4092558	4099946	0.40	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-12	Instrumnet Name :	P8
Client Sample ID :	S45-0056	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:00:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	462359	464066	465696	464040	0.36	cps
Zinc	66-2	1997	2080	1937	2005	3.59	cps
Zirconium	90-1	300	292	283	292	2.86	cps
Zirconium	91-1	50	92	92	78	30.93	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:03:47	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1011894	1010137	1004505	1008846	0.38	cps
Antimony	121-1	1704872	1723824	1739004	1722567	0.99	cps
Arsenic	75-2	61326	61136	60809	61090	0.43	cps
Barium	135-1	1728671	1715042	1712805	1718839	0.50	cps
Barium	137-1	2957330	3000879	2978699	2978969	0.73	cps
Beryllium	9-1	367007	364038	371915	367653	1.08	cps
Bismuth	209-1	1350525	1412239	1428321	1397028	2.94	cps
Bismuth	209-2	863813	860985	865631	863476	0.27	cps
Boron	10-1	25118	29471	31928	28839	11.96	cps
Boron	11-1	122827	141375	154453	139551	11.39	cps
Bromine	81-1	3094	2673	2883	2883	7.29	cps
Cadmium	111-1	390172	393357	394972	392834	0.62	cps
Cadmium	106-1	41279	42173	41563	41672	1.10	cps
Cadmium	108-1	28363	28016	28321	28233	0.67	cps
Calcium	43-1	2327833	2332642	2373538	2344671	1.07	cps
Calcium	44-1	36805615	36558596	37809615	37057942	1.79	cps
Chromium	52-2	478623	475167	467067	473619	1.25	cps
Cobalt	59-2	821255	826038	814158	820483	0.73	cps
Copper	63-2	6282395	6281550	6213230	6259058	0.63	cps
Dysprosium	156-1	100	83	133	106	24.12	cps
Dysprosium	156-2	53	40	57	50	17.64	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	83	117	200	133	45.07	cps
Gadolinium	160-2	80	93	60	78	21.57	cps
Holmium	165-1	2273718	2405185	2423517	2367473	3.45	cps
Holmium	165-2	1234794	1240830	1251312	1242312	0.67	cps
Indium	115-1	2226989	2277451	2315089	2273176	1.94	cps
Indium	115-2	368683	370185	373849	370906	0.72	cps
Iron	54-2	4806441	4848167	4711888	4788832	1.46	cps
Iron	56-2	87039858	88565849	86472602	87359436	1.24	cps
Iron	57-2	2232383	2260437	2202980	2231933	1.29	cps
Krypton	83-1	420	470	443	444	5.63	cps
Lead	206-1	4585908	4553202	4739608	4626239	2.15	cps
Lead	207-1	4035669	4120151	4224670	4126830	2.29	cps
Lead	208-1	18359613	18498611	18927139	18595121	1.59	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:03:47	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	626784	649441	659757	645327	2.61	cps
Magnesium	24-2	13581091	13537890	13368810	13495931	0.83	cps
Manganese	55-2	2186403	2192327	2168098	2182276	0.58	cps
Molybdenum	94-1	3256924	3247706	3289315	3264649	0.67	cps
Molybdenum	95-1	3983365	4024871	4001330	4003189	0.52	cps
Molybdenum	96-1	4492058	4480988	4410077	4461041	1.00	cps
Molybdenum	97-1	2538269	2568607	2533630	2546835	0.75	cps
Molybdenum	98-1	6298621	6380604	6347559	6342261	0.65	cps
Neodymium	150-1	73	67	27	56	45.43	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	226921	228365	225971	227086	0.53	cps
Phosphorus	31-2	12614	13006	12422	12681	2.35	cps
Potassium	39-2	5295201	5349525	5295258	5313328	0.59	cps
Rhodium	103-1	2062451	2139842	2151983	2118092	2.29	cps
Rhodium	103-2	1067687	1068221	1068161	1068023	0.03	cps
Scandium	45-1	1523935	1543711	1600207	1555951	2.54	cps
Scandium	45-2	50080	50274	49582	49979	0.71	cps
Selenium	82-1	26268	26440	26330	26346	0.33	cps
Selenium	77-2	820	877	917	871	5.58	cps
Selenium	78-2	2751	2671	2725	2715	1.50	cps
Silicon	28-1	1646070	1816464	1888725	1783753	6.98	cps
Silver	109-1	1860521	1886436	1869556	1872171	0.70	cps
Silver	107-1	1975897	1958279	1998809	1977662	1.03	cps
Sodium	23-2	26401901	26272662	26313404	26329322	0.25	cps
Strontium	86-1	491960	502921	500173	498351	1.14	cps
Strontium	88-1	4228295	4254011	4324444	4268917	1.17	cps
Sulfur	34-1	653911	660446	662730	659029	0.69	cps
Terbium	159-1	2438696	2524790	2555731	2506406	2.42	cps
Terbium	159-2	1247065	1238862	1235677	1240535	0.47	cps
Thallium	203-1	1121011	1129618	1149144	1133257	1.27	cps
Thallium	205-1	2686349	2672333	2752720	2703800	1.59	cps
Tin	118-1	1187851	1197172	1214981	1200001	1.15	cps
Titanium	47-1	1181430	1193291	1202154	1192292	0.87	cps
Uranium	238-1	3285802	3286614	3344260	3305559	1.01	cps
Vanadium	51-2	370326	372142	364878	369115	1.02	cps
Yttrium	89-1	3946021	4046744	4084217	4025661	1.78	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:03:47	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	460158	463736	464732	462876	0.52	cps
Zinc	66-2	850978	849373	846160	848837	0.29	cps
Zirconium	90-1	2742288	2707718	2767086	2739031	1.09	cps
Zirconium	91-1	601537	607181	611695	606804	0.84	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P8
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 15:08:01 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272	258	242	257	5.83	cps
Antimony	121-1	225	200	250	225	11.11	cps
Arsenic	75-2	13	10	10	11	15.75	cps
Barium	135-1	25	25	92	47	81.51	cps
Barium	137-1	50	42	42	44	10.82	cps
Beryllium	9-1	112	110	110	111	1.04	cps
Bismuth	209-1	1353286	1377130	1376144	1368854	0.99	cps
Bismuth	209-2	847563	793571	860340	833825	4.25	cps
Boron	10-1	3752	3592	3610	3651	2.40	cps
Boron	11-1	18206	17579	16992	17592	3.45	cps
Bromine	81-1	2433	2413	2883	2576	10.33	cps
Cadmium	111-1	669	675	779	708	8.73	cps
Cadmium	106-1	942	967	1075	995	7.13	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	458	533	475	489	8.05	cps
Calcium	44-1	26742	26350	26057	26383	1.30	cps
Chromium	52-2	1083	950	1017	1017	6.56	cps
Cobalt	59-2	27	20	17	21	24.12	cps
Copper	63-2	1347	1370	1260	1326	4.37	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	2225932	2242487	2225395	2231272	0.44	cps
Holmium	165-2	1168513	1106883	1175571	1150322	3.28	cps
Indium	115-1	2119979	2170545	2144112	2144879	1.18	cps
Indium	115-2	353833	333424	352596	346618	3.30	cps
Iron	54-2	300	361	383	348	12.40	cps
Iron	56-2	3317	2873	3084	3091	7.19	cps
Iron	57-2	111	72	150	111	35.00	cps
Krypton	83-1	437	483	470	463	5.19	cps
Lead	206-1	1211	1100	1211	1174	5.46	cps
Lead	207-1	1072	1072	1022	1056	2.74	cps
Lead	208-1	4945	4784	4600	4776	3.61	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P8
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 15:08:01 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	625006	629684	628773	627821	0.39	cps
Magnesium	24-2	233	275	250	253	8.30	cps
Manganese	55-2	90	53	73	72	25.42	cps
Molybdenum	94-1	100	142	100	114	21.12	cps
Molybdenum	95-1	100	75	125	100	25.00	cps
Molybdenum	96-1	150	158	83	131	31.49	cps
Molybdenum	97-1	83	58	50	64	27.16	cps
Molybdenum	98-1	158	158	92	136	28.28	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	107	117	80	101	18.75	cps
Phosphorus	31-2	292	183	217	231	24.07	cps
Potassium	39-2	19655	19146	19380	19394	1.31	cps
Rhodium	103-1	2130245	2124854	2129439	2128179	0.14	cps
Rhodium	103-2	1060524	996085	1063732	1040114	3.67	cps
Scandium	45-1	1478139	1478396	1506574	1487703	1.10	cps
Scandium	45-2	47104	44178	47732	46338	4.09	cps
Selenium	82-1	49	-34	-26	-4	-1237.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	29	35	32	9.65	cps
Silicon	28-1	567140	564277	561913	564443	0.46	cps
Silver	109-1	175	108	125	136	25.49	cps
Silver	107-1	192	150	250	197	25.47	cps
Sodium	23-2	31150	31543	30340	31011	1.98	cps
Strontium	86-1	850	683	750	761	11.02	cps
Strontium	88-1	192	233	217	214	9.81	cps
Sulfur	34-1	522315	526948	527641	525635	0.55	cps
Terbium	159-1	2348071	2423862	2375543	2382492	1.61	cps
Terbium	159-2	1175282	1103314	1179276	1152624	3.71	cps
Thallium	203-1	500	492	358	450	17.67	cps
Thallium	205-1	1167	1042	942	1050	10.74	cps
Tin	118-1	383	325	300	336	12.72	cps
Titanium	47-1	700	625	583	636	9.29	cps
Uranium	238-1	17	33	25	25	33.32	cps
Vanadium	51-2	20	3	17	13	66.16	cps
Yttrium	89-1	3884488	3821549	3862881	3856306	0.83	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:08:01	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	444370	411641	440570	432194	4.14	cps
Zinc	66-2	153	170	157	160	5.51	cps
Zirconium	90-1	233	217	175	208	14.42	cps
Zirconium	91-1	33	50	33	39	24.75	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-13	Instrumnet Name :	P8
Client Sample ID :	S45-0057	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:10:51	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	916	884	792	864	7.45	cps
Antimony	121-1	250	258	208	239	11.21	cps
Arsenic	75-2	4528	4362	4572	4488	2.47	cps
Barium	135-1	23454	23863	23938	23752	1.10	cps
Barium	137-1	41982	41163	40787	41311	1.48	cps
Beryllium	9-1	104	86	74	88	17.16	cps
Bismuth	209-1	1440648	1424548	1442951	1436049	0.70	cps
Bismuth	209-2	884615	894776	889908	889767	0.57	cps
Boron	10-1	3442	3650	3604	3565	3.06	cps
Boron	11-1	16330	17357	17177	16954	3.23	cps
Bromine	81-1	4495	4065	4195	4252	5.19	cps
Cadmium	111-1	796	847	787	810	3.98	cps
Cadmium	106-1	1108	1208	1108	1142	5.06	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	732828	741712	735020	736520	0.63	cps
Calcium	44-1	11627779	11785327	11781123	11731410	0.77	cps
Chromium	52-2	1247	1183	1163	1198	3.63	cps
Cobalt	59-2	1417	1370	1430	1406	2.24	cps
Copper	63-2	1080	1070	1123	1091	2.60	cps
Dysprosium	156-1	83	42	42	56	43.30	cps
Dysprosium	156-2	23	23	30	26	15.07	cps
Erbium	164-1	75	67	117	86	31.11	cps
Erbium	164-2	73	73	70	72	2.66	cps
Gadolinium	160-1	100	92	75	89	14.32	cps
Gadolinium	160-2	53	47	37	46	18.41	cps
Holmium	165-1	2368067	2356120	2379440	2367876	0.49	cps
Holmium	165-2	1248609	1259072	1234497	1247393	0.99	cps
Indium	115-1	2272419	2241973	2290422	2268271	1.08	cps
Indium	115-2	371331	371543	371788	371554	0.06	cps
Iron	54-2	817493	821806	816128	818475	0.36	cps
Iron	56-2	15222371	15066017	15227526	15171971	0.61	cps
Iron	57-2	381147	372211	376500	376619	1.19	cps
Krypton	83-1	470	443	380	431	10.72	cps
Lead	206-1	1145	1250	1083	1159	7.27	cps
Lead	207-1	1061	1067	933	1020	7.39	cps
Lead	208-1	4945	4712	4612	4756	3.60	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-13	Instrumnet Name :	P8
Client Sample ID :	S45-0057	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:10:51	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	653492	658751	666405	659549	0.98	cps
Magnesium	24-2	437425	438974	433622	436674	0.63	cps
Manganese	55-2	772430	778757	778088	776425	0.45	cps
Molybdenum	94-1	558	675	700	644	11.73	cps
Molybdenum	95-1	950	783	700	811	15.69	cps
Molybdenum	96-1	908	792	983	895	10.80	cps
Molybdenum	97-1	533	467	483	494	7.02	cps
Molybdenum	98-1	1233	1217	1142	1197	4.08	cps
Neodymium	150-1	73	93	67	78	17.85	cps
Neodymium	150-2	27	23	20	23	14.29	cps
Nickel	60-2	790	670	743	734	8.24	cps
Phosphorus	31-2	342	317	308	322	5.38	cps
Potassium	39-2	196669	200316	196583	197856	1.08	cps
Rhodium	103-1	2189677	2213613	2262235	2221842	1.66	cps
Rhodium	103-2	1105869	1107537	1117900	1110435	0.59	cps
Scandium	45-1	1581699	1592549	1567734	1580661	0.79	cps
Scandium	45-2	50375	51131	51184	50896	0.89	cps
Selenium	82-1	-87	-10	110	4	2326.03	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	30	29	40	33	18.43	cps
Silicon	28-1	14287576	14648879	14670020	14535492	1.48	cps
Silver	109-1	83	42	33	53	50.76	cps
Silver	107-1	83	50	92	75	29.40	cps
Sodium	23-2	537358	536030	536990	536793	0.13	cps
Strontium	86-1	216154	216422	217978	216851	0.45	cps
Strontium	88-1	1850578	1867305	1886996	1868293	0.98	cps
Sulfur	34-1	555265	550775	546753	550931	0.77	cps
Terbium	159-1	2487555	2511804	2527341	2508900	0.80	cps
Terbium	159-2	1241265	1247104	1242074	1243481	0.25	cps
Thallium	203-1	183	217	192	197	8.80	cps
Thallium	205-1	692	558	650	633	10.77	cps
Tin	118-1	375	417	517	436	16.70	cps
Titanium	47-1	808	700	683	731	9.29	cps
Uranium	238-1	2175	2334	2284	2264	3.58	cps
Vanadium	51-2	113	123	107	114	7.33	cps
Yttrium	89-1	4034771	4108228	4123897	4088965	1.16	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-13	Instrumnet Name :	P8
Client Sample ID :	S45-0057	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:10:51	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	461836	465732	469887	465818	0.86	cps
Zinc	66-2	1267	1323	1290	1293	2.20	cps
Zirconium	90-1	592	617	458	556	15.32	cps
Zirconium	91-1	117	67	108	97	27.55	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-14	Instrumnet Name :	P8
Client Sample ID :	S45-0058	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:13:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286	328	320	311	7.16	cps
Antimony	121-1	233	225	292	250	14.53	cps
Arsenic	75-2	4469	4490	4529	4496	0.68	cps
Barium	135-1	21801	23062	23220	22694	3.43	cps
Barium	137-1	39450	38204	40762	39472	3.24	cps
Beryllium	9-1	68	86	74	76	12.05	cps
Bismuth	209-1	1392397	1390440	1430179	1404339	1.60	cps
Bismuth	209-2	827929	891925	901488	873780	4.58	cps
Boron	10-1	3104	3030	3088	3074	1.27	cps
Boron	11-1	14462	15117	15277	14952	2.89	cps
Bromine	81-1	4345	4065	4415	4275	4.34	cps
Cadmium	111-1	679	753	785	739	7.36	cps
Cadmium	106-1	950	1075	1100	1042	7.72	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	683897	700623	702762	695761	1.48	cps
Calcium	44-1	10919553	11176615	11137252	11077807	1.25	cps
Chromium	52-2	1303	1247	1307	1286	2.62	cps
Cobalt	59-2	1250	1270	1387	1302	5.67	cps
Copper	63-2	1100	1027	1150	1092	5.68	cps
Dysprosium	156-1	50	50	50	50	0.00	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	75	67	100	81	21.53	cps
Erbium	164-2	30	47	47	41	23.41	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	33	43	27	34	24.35	cps
Holmium	165-1	2314960	2320601	2362896	2332819	1.12	cps
Holmium	165-2	1158903	1266465	1264195	1229855	5.00	cps
Indium	115-1	2207918	2230535	2250899	2229784	0.96	cps
Indium	115-2	345884	374199	378909	366331	4.88	cps
Iron	54-2	832812	826674	825369	828285	0.48	cps
Iron	56-2	15225754	15429657	15101469	15252293	1.09	cps
Iron	57-2	380777	382530	375933	379747	0.90	cps
Krypton	83-1	437	420	507	454	10.12	cps
Lead	206-1	922	917	867	902	3.39	cps
Lead	207-1	844	845	939	876	6.22	cps
Lead	208-1	3878	3667	4028	3858	4.70	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-14	Instrumnet Name :	P8
Client Sample ID :	S45-0058	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:13:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	640277	634786	649644	641569	1.17	cps
Magnesium	24-2	430206	437483	430316	432668	0.96	cps
Manganese	55-2	802252	793831	787284	794456	0.94	cps
Molybdenum	94-1	617	700	542	619	12.79	cps
Molybdenum	95-1	625	742	667	678	8.72	cps
Molybdenum	96-1	808	783	917	836	8.48	cps
Molybdenum	97-1	483	408	400	431	10.66	cps
Molybdenum	98-1	1292	1067	1142	1167	9.82	cps
Neodymium	150-1	20	47	20	29	53.30	cps
Neodymium	150-2	20	10	3	11	75.52	cps
Nickel	60-2	770	810	690	757	8.08	cps
Phosphorus	31-2	283	325	283	297	8.09	cps
Potassium	39-2	196346	195890	194843	195693	0.39	cps
Rhodium	103-1	2140129	2161524	2168338	2156664	0.68	cps
Rhodium	103-2	1032942	1114998	1123804	1090582	4.59	cps
Scandium	45-1	1535752	1536496	1568920	1547056	1.22	cps
Scandium	45-2	47057	49602	50626	49095	3.74	cps
Selenium	82-1	-10	-16	-87	-38	-114.08	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	35	35	32	34	5.09	cps
Silicon	28-1	13935406	14165729	14472572	14191236	1.90	cps
Silver	109-1	42	58	33	44	28.64	cps
Silver	107-1	50	117	67	78	44.61	cps
Sodium	23-2	530135	541398	528915	533483	1.29	cps
Strontium	86-1	206475	209053	212479	209336	1.44	cps
Strontium	88-1	1754320	1781520	1841930	1792590	2.50	cps
Sulfur	34-1	543239	540849	542911	542333	0.24	cps
Terbium	159-1	2447337	2418155	2520932	2462141	2.15	cps
Terbium	159-2	1151530	1257042	1260382	1222985	5.06	cps
Thallium	203-1	133	125	200	153	26.91	cps
Thallium	205-1	325	333	367	342	6.45	cps
Tin	118-1	308	250	258	272	11.59	cps
Titanium	47-1	792	792	842	808	3.57	cps
Uranium	238-1	2334	2342	2159	2278	4.55	cps
Vanadium	51-2	83	63	93	80	19.09	cps
Yttrium	89-1	3993406	3977213	4059846	4010155	1.09	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-14	Instrumnet Name :	P8
Client Sample ID :	S45-0058	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:13:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	434241	472176	472501	459639	4.79	cps
Zinc	66-2	1347	1557	1353	1419	8.41	cps
Zirconium	90-1	583	542	608	578	5.83	cps
Zirconium	91-1	225	75	125	142	53.92	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-15	Instrumnet Name :	P8
Client Sample ID :	S45-0059	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:16:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	890	888	876	2.57	cps
Antimony	121-1	308	333	267	303	11.12	cps
Arsenic	75-2	454	451	423	443	3.86	cps
Barium	135-1	9854	9862	10204	9973	2.00	cps
Barium	137-1	17587	17345	17036	17323	1.59	cps
Beryllium	9-1	78	64	78	73	11.02	cps
Bismuth	209-1	1344983	1398751	1420371	1388035	2.80	cps
Bismuth	209-2	878872	887442	888293	884869	0.59	cps
Boron	10-1	2498	2716	2632	2615	4.20	cps
Boron	11-1	12313	12467	12381	12387	0.62	cps
Bromine	81-1	3975	4435	4305	4238	5.60	cps
Cadmium	111-1	700	740	698	713	3.36	cps
Cadmium	106-1	967	1050	958	992	5.11	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	199874	197545	198413	198611	0.59	cps
Calcium	44-1	3220502	3200323	3228856	3216560	0.46	cps
Chromium	52-2	1343	1413	1367	1375	2.59	cps
Cobalt	59-2	460	453	503	472	5.75	cps
Copper	63-2	1743	1740	1690	1725	1.73	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	40	23	27	30	29.40	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	17	27	10	18	47.19	cps
Gadolinium	160-1	50	50	100	67	43.30	cps
Gadolinium	160-2	27	30	30	29	6.65	cps
Holmium	165-1	2196330	2323026	2315822	2278393	3.12	cps
Holmium	165-2	1227404	1235796	1240533	1234577	0.54	cps
Indium	115-1	2111000	2220395	2213352	2181582	2.81	cps
Indium	115-2	366617	366942	370783	368114	0.63	cps
Iron	54-2	27972	27471	28262	27902	1.43	cps
Iron	56-2	499450	504142	500512	501368	0.49	cps
Iron	57-2	12478	12561	12133	12391	1.83	cps
Krypton	83-1	470	370	403	414	12.29	cps
Lead	206-1	1150	1128	1100	1126	2.23	cps
Lead	207-1	989	889	928	935	5.39	cps
Lead	208-1	4250	4211	4239	4234	0.47	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-15	Instrumnet Name :	P8
Client Sample ID :	S45-0059	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:16:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	607278	635205	642964	628482	2.99	cps
Magnesium	24-2	353472	356562	352175	354070	0.64	cps
Manganese	55-2	29387	29824	29237	29483	1.04	cps
Molybdenum	94-1	325	342	167	278	34.77	cps
Molybdenum	95-1	308	267	275	283	7.78	cps
Molybdenum	96-1	358	408	275	347	19.40	cps
Molybdenum	97-1	175	225	175	192	15.06	cps
Molybdenum	98-1	300	458	408	389	20.81	cps
Neodymium	150-1	40	67	53	53	25.00	cps
Neodymium	150-2	20	33	23	26	27.15	cps
Nickel	60-2	737	747	720	734	1.83	cps
Phosphorus	31-2	267	267	283	272	3.53	cps
Potassium	39-2	117988	118913	119114	118672	0.51	cps
Rhodium	103-1	2054580	2178521	2235210	2156104	4.28	cps
Rhodium	103-2	1095222	1099650	1117542	1104138	1.07	cps
Scandium	45-1	1461890	1557554	1575263	1531569	3.98	cps
Scandium	45-2	49980	49565	49538	49695	0.50	cps
Selenium	82-1	-14	68	35	30	140.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	27	40	35	34	19.29	cps
Silicon	28-1	7413002	7618593	7659824	7563806	1.75	cps
Silver	109-1	33	75	25	44	60.28	cps
Silver	107-1	50	8	50	36	66.62	cps
Sodium	23-2	408125	412272	417417	412605	1.13	cps
Strontium	86-1	99016	100392	100081	99830	0.72	cps
Strontium	88-1	850900	865177	860600	858892	0.85	cps
Sulfur	34-1	546944	544711	541244	544300	0.53	cps
Terbium	159-1	2316477	2451226	2515459	2427721	4.18	cps
Terbium	159-2	1245441	1233378	1239771	1239530	0.49	cps
Thallium	203-1	125	100	100	108	13.33	cps
Thallium	205-1	250	233	175	219	17.95	cps
Tin	118-1	208	458	217	294	48.22	cps
Titanium	47-1	1225	1167	1175	1189	2.65	cps
Uranium	238-1	433	400	383	406	6.28	cps
Vanadium	51-2	157	187	200	181	12.25	cps
Yttrium	89-1	3797587	4009092	4010416	3939032	3.11	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-15	Instrumnet Name :	P8
Client Sample ID :	S45-0059	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:16:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	461879	467200	465717	464932	0.59	cps
Zinc	66-2	2067	1917	2204	2062	6.95	cps
Zirconium	90-1	350	242	358	317	20.55	cps
Zirconium	91-1	117	75	58	83	36.05	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-16	Instrumnet Name :	P8
Client Sample ID :	S45-ER-2020-1	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:19:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282	240	306	276	12.10	cps
Antimony	121-1	50	100	100	83	34.64	cps
Arsenic	75-2	6	6	9	7	24.74	cps
Barium	135-1	50	58	50	53	9.11	cps
Barium	137-1	83	100	42	75	40.06	cps
Beryllium	9-1	52	54	50	52	3.85	cps
Bismuth	209-1	1391358	1399247	1379121	1389909	0.73	cps
Bismuth	209-2	826598	851059	887172	854943	3.56	cps
Boron	10-1	1928	1782	1650	1786	7.78	cps
Boron	11-1	8425	8649	8469	8514	1.39	cps
Bromine	81-1	3144	2753	3094	2997	7.09	cps
Cadmium	111-1	722	670	666	686	4.52	cps
Cadmium	106-1	1033	958	950	981	4.68	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	533	700	658	631	13.76	cps
Calcium	44-1	30007	30333	30759	30366	1.24	cps
Chromium	52-2	1180	1300	1300	1260	5.50	cps
Cobalt	59-2	30	13	30	24	39.37	cps
Copper	63-2	947	880	1027	951	7.72	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	67	17	8	31	103.26	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	2328915	2274913	2300251	2301360	1.17	cps
Holmium	165-2	1158863	1183083	1244893	1195613	3.71	cps
Indium	115-1	2178841	2164905	2222067	2188604	1.36	cps
Indium	115-2	345615	355847	370433	357298	3.49	cps
Iron	54-2	461	561	411	478	15.99	cps
Iron	56-2	3601	3506	3545	3551	1.34	cps
Iron	57-2	117	83	72	91	25.49	cps
Krypton	83-1	433	453	507	464	8.16	cps
Lead	206-1	783	806	867	819	5.27	cps
Lead	207-1	711	678	583	657	10.08	cps
Lead	208-1	3145	3228	2945	3106	4.69	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-16	Instrumnet Name :	P8
Client Sample ID :	S45-ER-2020-1	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:19:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	634080	626524	626905	629170	0.68	cps
Magnesium	24-2	283	317	300	300	5.56	cps
Manganese	55-2	123	153	123	133	12.99	cps
Molybdenum	94-1	83	142	83	103	32.76	cps
Molybdenum	95-1	58	58	58	58	0.00	cps
Molybdenum	96-1	83	100	117	100	16.66	cps
Molybdenum	97-1	42	8	8	19	99.00	cps
Molybdenum	98-1	67	25	42	44	47.19	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	153	163	167	161	4.31	cps
Phosphorus	31-2	250	217	217	228	8.45	cps
Potassium	39-2	19347	19489	19063	19299	1.12	cps
Rhodium	103-1	2134786	2170411	2186626	2163941	1.23	cps
Rhodium	103-2	1038083	1055676	1107098	1066952	3.36	cps
Scandium	45-1	1511617	1528367	1552107	1530697	1.33	cps
Scandium	45-2	47676	49187	49398	48754	1.93	cps
Selenium	82-1	20	-18	-97	-32	-188.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	27	28	29	10.96	cps
Silicon	28-1	572176	572881	572448	572502	0.06	cps
Silver	109-1	25	42	75	47	53.91	cps
Silver	107-1	42	42	75	53	36.46	cps
Sodium	23-2	28687	28520	28027	28411	1.21	cps
Strontium	86-1	750	800	658	736	9.76	cps
Strontium	88-1	833	800	792	808	2.73	cps
Sulfur	34-1	527136	525096	527938	526723	0.28	cps
Terbium	159-1	2404959	2395793	2397560	2399438	0.20	cps
Terbium	159-2	1148813	1181512	1225608	1185311	3.25	cps
Thallium	203-1	108	83	83	92	15.74	cps
Thallium	205-1	183	275	158	206	29.88	cps
Tin	118-1	242	208	292	247	16.97	cps
Titanium	47-1	458	617	542	539	14.70	cps
Uranium	238-1	25	0	8	11	114.58	cps
Vanadium	51-2	7	23	13	14	58.06	cps
Yttrium	89-1	3939135	3905506	3984050	3942897	1.00	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2391-16	Instrumnet Name :	P8
Client Sample ID :	S45-ER-2020-1	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:19:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	435477	441758	457719	444985	2.58	cps
Zinc	66-2	1003	1067	980	1017	4.41	cps
Zirconium	90-1	200	125	175	167	22.92	cps
Zirconium	91-1	17	50	50	39	49.48	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-01	Instrumnet Name :	P8
Client Sample ID :	S73-0243	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:22:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1244	1236	1238	1239	0.34	cps
Antimony	121-1	275	150	1059	495	99.61	cps
Arsenic	75-2	1767	1781	1766	1772	0.47	cps
Barium	135-1	34001	34704	35957	34887	2.84	cps
Barium	137-1	57707	57799	58963	58156	1.20	cps
Beryllium	9-1	58	86	72	72	19.44	cps
Bismuth	209-1	1415035	1416833	1435655	1422508	0.80	cps
Bismuth	209-2	857899	910478	903353	890577	3.20	cps
Boron	10-1	2420	2592	2708	2573	5.63	cps
Boron	11-1	11056	12565	12611	12077	7.33	cps
Bromine	81-1	17439	20937	24667	21014	17.20	cps
Cadmium	111-1	744	779	925	816	11.76	cps
Cadmium	106-1	1042	1083	942	1022	7.12	cps
Cadmium	108-1	8	0	25	11	114.58	cps
Calcium	43-1	754962	749588	761648	755399	0.80	cps
Calcium	44-1	12123341	12012141	11986720	12040734	0.60	cps
Chromium	52-2	1440	1397	1457	1431	2.16	cps
Cobalt	59-2	2047	2047	2054	2049	0.19	cps
Copper	63-2	1357	1367	1320	1348	1.82	cps
Dysprosium	156-1	108	83	58	83	30.00	cps
Dysprosium	156-2	37	27	60	41	41.60	cps
Erbium	164-1	108	83	92	94	13.48	cps
Erbium	164-2	57	37	33	42	29.89	cps
Gadolinium	160-1	117	108	100	108	7.69	cps
Gadolinium	160-2	23	60	33	39	48.75	cps
Holmium	165-1	2328542	2384147	2377984	2363558	1.29	cps
Holmium	165-2	1215509	1273003	1276023	1254845	2.72	cps
Indium	115-1	2223159	2308125	2243555	2258280	1.96	cps
Indium	115-2	359998	382415	383963	375458	3.57	cps
Iron	54-2	86532	86292	85157	85994	0.85	cps
Iron	56-2	1606974	1587081	1598298	1597451	0.62	cps
Iron	57-2	39906	39756	39466	39709	0.56	cps
Krypton	83-1	490	480	440	470	5.63	cps
Lead	206-1	1017	956	1450	1141	23.64	cps
Lead	207-1	961	822	1300	1028	23.92	cps
Lead	208-1	4039	3739	6125	4634	28.04	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-01	Instrumnet Name :	P8
Client Sample ID :	S73-0243	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:22:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	647254	638561	654707	646841	1.25	cps
Magnesium	24-2	1230041	1201894	1189926	1207287	1.71	cps
Manganese	55-2	672870	657236	657949	662685	1.33	cps
Molybdenum	94-1	575	608	650	611	6.15	cps
Molybdenum	95-1	800	817	867	828	4.19	cps
Molybdenum	96-1	1117	825	1333	1092	23.37	cps
Molybdenum	97-1	525	483	1184	731	53.77	cps
Molybdenum	98-1	1125	1217	2218	1520	39.88	cps
Neodymium	150-1	93	73	113	93	21.43	cps
Neodymium	150-2	43	47	43	44	4.34	cps
Nickel	60-2	557	513	517	529	4.56	cps
Phosphorus	31-2	383	325	192	300	32.75	cps
Potassium	39-2	254438	252716	250488	252547	0.78	cps
Rhodium	103-1	2177263	2231245	2223502	2210670	1.32	cps
Rhodium	103-2	1074772	1125764	1127101	1109212	2.69	cps
Scandium	45-1	1590204	1597178	1594327	1593903	0.22	cps
Scandium	45-2	49388	52525	52763	51559	3.65	cps
Selenium	82-1	-100	-89	-42	-77	-39.52	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	32	38	31	34	11.25	cps
Silicon	28-1	12561223	12689549	12460608	12570460	0.91	cps
Silver	109-1	75	67	142	94	43.53	cps
Silver	107-1	83	58	225	122	73.54	cps
Sodium	23-2	3290219	3291839	3320640	3300899	0.52	cps
Strontium	86-1	436218	444449	440422	440363	0.93	cps
Strontium	88-1	3790616	3806546	3802918	3800027	0.22	cps
Sulfur	34-1	628462	632950	626953	629455	0.50	cps
Terbium	159-1	2569665	2565308	2543345	2559439	0.55	cps
Terbium	159-2	1209647	1271368	1282595	1254537	3.13	cps
Thallium	203-1	158	58	325	181	74.62	cps
Thallium	205-1	300	175	850	442	81.34	cps
Tin	118-1	300	283	834	472	66.28	cps
Titanium	47-1	1617	1767	1750	1711	4.81	cps
Uranium	238-1	8687	8620	9204	8837	3.62	cps
Vanadium	51-2	120	130	147	132	10.19	cps
Yttrium	89-1	4064196	4098496	4077543	4080078	0.42	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-01	Instrumnet Name :	P8
Client Sample ID :	S73-0243	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:22:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	454102	481902	479911	471972	3.29	cps
Zinc	66-2	1463	1533	1513	1503	2.40	cps
Zirconium	90-1	475	400	467	447	9.19	cps
Zirconium	91-1	108	192	108	136	35.35	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-02	Instrumnet Name :	P8
Client Sample ID :	S73-0241	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:25:01	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1708	1790	1702	1733	2.84	cps
Antimony	121-1	492	508	417	472	10.34	cps
Arsenic	75-2	48462	48575	49153	48730	0.76	cps
Barium	135-1	4709	5026	4984	4907	3.51	cps
Barium	137-1	8094	8828	8294	8406	4.51	cps
Beryllium	9-1	120	132	140	131	7.70	cps
Bismuth	209-1	1409521	1402523	1445342	1419128	1.62	cps
Bismuth	209-2	896770	901854	901898	900174	0.33	cps
Boron	10-1	2804	3132	3246	3060	7.50	cps
Boron	11-1	13111	14374	15181	14222	7.33	cps
Bromine	81-1	13430	14232	14522	14061	4.02	cps
Cadmium	111-1	948	936	753	879	12.41	cps
Cadmium	106-1	1200	1183	908	1097	14.93	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	161272	164702	167645	164540	1.94	cps
Calcium	44-1	2644223	2705743	2684042	2678003	1.17	cps
Chromium	52-2	1437	1363	1510	1437	5.10	cps
Cobalt	59-2	35401	35838	35317	35519	0.79	cps
Copper	63-2	1570	1793	1583	1649	7.60	cps
Dysprosium	156-1	117	150	150	139	13.86	cps
Dysprosium	156-2	50	83	77	70	25.20	cps
Erbium	164-1	242	150	208	200	23.20	cps
Erbium	164-2	80	87	93	87	7.69	cps
Gadolinium	160-1	225	217	175	206	13.03	cps
Gadolinium	160-2	153	177	133	154	14.04	cps
Holmium	165-1	2373772	2307791	2380276	2353946	1.70	cps
Holmium	165-2	1278092	1265986	1281178	1275085	0.63	cps
Indium	115-1	2226183	2233661	2232187	2230677	0.18	cps
Indium	115-2	380651	378266	380192	379703	0.33	cps
Iron	54-2	2425602	2359387	2428353	2404447	1.62	cps
Iron	56-2	44411479	43425354	43749257	43862030	1.15	cps
Iron	57-2	1083698	1082460	1085322	1083827	0.13	cps
Krypton	83-1	453	440	413	436	4.68	cps
Lead	206-1	1150	1150	1145	1148	0.28	cps
Lead	207-1	961	961	894	939	4.10	cps
Lead	208-1	4678	4584	4356	4539	3.65	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-02	Instrumnet Name :	P8
Client Sample ID :	S73-0241	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:25:01	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	636969	641812	655621	644801	1.50	cps
Magnesium	24-2	226982	224238	223139	224786	0.88	cps
Manganese	55-2	249376	243249	247694	246773	1.28	cps
Molybdenum	94-1	16944	16719	16594	16752	1.06	cps
Molybdenum	95-1	29491	28847	28764	29034	1.37	cps
Molybdenum	96-1	31369	31837	31194	31467	1.06	cps
Molybdenum	97-1	17044	18763	17278	17695	5.27	cps
Molybdenum	98-1	45517	46914	47449	46626	2.14	cps
Neodymium	150-1	173	213	213	200	11.55	cps
Neodymium	150-2	77	90	57	74	22.53	cps
Nickel	60-2	9497	9550	10077	9708	3.30	cps
Phosphorus	31-2	742	683	808	744	8.40	cps
Potassium	39-2	97864	97377	97336	97526	0.30	cps
Rhodium	103-1	2201555	2229052	2229740	2220116	0.72	cps
Rhodium	103-2	1146388	1129029	1143907	1139774	0.82	cps
Scandium	45-1	1557181	1574309	1598377	1576622	1.31	cps
Scandium	45-2	51512	50455	51087	51018	1.04	cps
Selenium	82-1	-5	-23	32	1	1900.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	38	34	49	40	19.27	cps
Silicon	28-1	21200697	21389871	21589811	21393460	0.91	cps
Silver	109-1	83	50	17	50	66.67	cps
Silver	107-1	50	67	58	58	14.29	cps
Sodium	23-2	2002980	1960144	1926933	1963352	1.94	cps
Strontium	86-1	78463	80263	80029	79585	1.23	cps
Strontium	88-1	675629	676035	683017	678227	0.61	cps
Sulfur	34-1	527677	524302	523729	525236	0.41	cps
Terbium	159-1	2440947	2523956	2536674	2500526	2.08	cps
Terbium	159-2	1282401	1271052	1267881	1273778	0.60	cps
Thallium	203-1	75	100	158	111	38.49	cps
Thallium	205-1	167	233	175	192	18.95	cps
Tin	118-1	400	275	350	342	18.41	cps
Titanium	47-1	1358	1450	1225	1345	8.42	cps
Uranium	238-1	200	275	217	231	17.08	cps
Vanadium	51-2	830	893	900	874	4.42	cps
Yttrium	89-1	3983772	3958043	4097204	4013006	1.85	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-02	Instrumnet Name :	P8
Client Sample ID :	S73-0241	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:25:01	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	479510	471821	475106	475479	0.81	cps
Zinc	66-2	1873	1994	1967	1945	3.24	cps
Zirconium	90-1	984	767	700	817	18.15	cps
Zirconium	91-1	375	275	300	317	16.44	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-03	Instrumnet Name :	P8
Client Sample ID :	S73-0242	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:27:50	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	482	420	496	466	8.68	cps
Antimony	121-1	158	100	150	136	23.18	cps
Arsenic	75-2	44057	44008	43938	44001	0.14	cps
Barium	135-1	7727	7744	8003	7825	1.97	cps
Barium	137-1	12640	14008	13357	13335	5.13	cps
Beryllium	9-1	58	72	48	59	20.32	cps
Bismuth	209-1	1423920	1423318	1446689	1431309	0.93	cps
Bismuth	209-2	896924	893577	846218	878906	3.23	cps
Boron	10-1	2358	2570	2814	2580	8.84	cps
Boron	11-1	11288	11830	12775	11965	6.29	cps
Bromine	81-1	6999	7390	6929	7106	3.49	cps
Cadmium	111-1	713	738	673	708	4.64	cps
Cadmium	106-1	992	1083	958	1011	6.40	cps
Cadmium	108-1	8	29	21	19	53.95	cps
Calcium	43-1	395450	393357	395792	394866	0.33	cps
Calcium	44-1	6247123	6297702	6511003	6351943	2.20	cps
Chromium	52-2	1277	1253	1353	1295	4.04	cps
Cobalt	59-2	4554	4411	4341	4435	2.45	cps
Copper	63-2	840	770	847	819	5.19	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	7	7	20	11	69.25	cps
Gadolinium	160-1	33	75	17	42	72.11	cps
Gadolinium	160-2	27	17	13	19	36.75	cps
Holmium	165-1	2378595	2328454	2380059	2362369	1.24	cps
Holmium	165-2	1257912	1265227	1181684	1234941	3.75	cps
Indium	115-1	2280265	2236124	2316957	2277782	1.78	cps
Indium	115-2	379255	378144	351433	369611	4.26	cps
Iron	54-2	3465478	3487709	3462615	3471934	0.40	cps
Iron	56-2	63294042	63467792	63169356	63310396	0.24	cps
Iron	57-2	1603752	1615564	1595412	1604909	0.63	cps
Krypton	83-1	387	410	483	427	11.82	cps
Lead	206-1	744	917	839	833	10.35	cps
Lead	207-1	717	894	722	778	13.00	cps
Lead	208-1	3295	3511	3417	3408	3.19	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-03	Instrumnet Name :	P8
Client Sample ID :	S73-0242	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:27:50	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	643138	634832	647004	641658	0.97	cps
Magnesium	24-2	255620	256462	256812	256298	0.24	cps
Manganese	55-2	28034	27654	27273	27654	1.38	cps
Molybdenum	94-1	3309	2992	3609	3303	9.34	cps
Molybdenum	95-1	5284	5576	5518	5460	2.83	cps
Molybdenum	96-1	6243	5726	6410	6127	5.82	cps
Molybdenum	97-1	3109	3384	3692	3395	8.60	cps
Molybdenum	98-1	8411	8144	8736	8431	3.52	cps
Neodymium	150-1	33	20	40	31	32.73	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	860	833	927	873	5.50	cps
Phosphorus	31-2	742	758	842	781	6.86	cps
Potassium	39-2	116897	120115	118728	118580	1.36	cps
Rhodium	103-1	2238938	2230623	2266351	2245304	0.83	cps
Rhodium	103-2	1125815	1131555	1057919	1105096	3.71	cps
Scandium	45-1	1579222	1597732	1623814	1600256	1.40	cps
Scandium	45-2	50418	51512	47776	49902	3.85	cps
Selenium	82-1	26	23	-83	-11	-544.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	30	32	34	17.07	cps
Silicon	28-1	14734127	14964763	15102282	14933724	1.25	cps
Silver	109-1	58	58	83	67	21.65	cps
Silver	107-1	100	67	158	108	42.83	cps
Sodium	23-2	485215	492364	490796	489458	0.77	cps
Strontium	86-1	146048	143910	145106	145022	0.74	cps
Strontium	88-1	1243000	1238717	1253574	1245097	0.61	cps
Sulfur	34-1	591271	591915	596086	593091	0.44	cps
Terbium	159-1	2489229	2532021	2489679	2503643	0.98	cps
Terbium	159-2	1255752	1258039	1174983	1229592	3.85	cps
Thallium	203-1	58	92	83	78	22.30	cps
Thallium	205-1	200	208	217	208	4.00	cps
Tin	118-1	600	708	575	628	11.29	cps
Titanium	47-1	833	725	958	839	13.92	cps
Uranium	238-1	42	83	150	92	59.61	cps
Vanadium	51-2	30	73	60	54	40.76	cps
Yttrium	89-1	4088257	4071328	4056492	4072026	0.39	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-03	Instrumnet Name :	P8
Client Sample ID :	S73-0242	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:27:50	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	475430	473712	441987	463710	4.06	cps
Zinc	66-2	1353	1250	1263	1289	4.36	cps
Zirconium	90-1	300	267	192	253	21.95	cps
Zirconium	91-1	242	183	308	244	25.59	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-04	Instrumnet Name :	P8
Client Sample ID :	S73-0244	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:30:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696	608	660	655	6.76	cps
Antimony	121-1	192	133	200	175	20.76	cps
Arsenic	75-2	3005	2997	3055	3019	1.04	cps
Barium	135-1	9687	9679	9537	9634	0.88	cps
Barium	137-1	17403	17228	16110	16914	4.15	cps
Beryllium	9-1	110	86	112	103	14.10	cps
Bismuth	209-1	1454700	1448468	1467196	1456788	0.65	cps
Bismuth	209-2	896497	911764	903971	904077	0.84	cps
Boron	10-1	2056	2140	2220	2138	3.84	cps
Boron	11-1	9539	10352	10456	10115	4.96	cps
Bromine	81-1	5647	5276	5657	5527	3.92	cps
Cadmium	111-1	801	707	722	743	6.81	cps
Cadmium	106-1	1108	992	1033	1045	5.66	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	303792	312666	307514	307991	1.45	cps
Calcium	44-1	4815719	4939907	4991607	4915744	1.84	cps
Chromium	52-2	1350	1343	1423	1372	3.23	cps
Cobalt	59-2	740	717	637	698	7.77	cps
Copper	63-2	960	910	867	912	5.12	cps
Dysprosium	156-1	125	42	8	58	103.02	cps
Dysprosium	156-2	40	57	53	50	17.64	cps
Erbium	164-1	108	125	117	117	7.14	cps
Erbium	164-2	67	40	70	59	27.92	cps
Gadolinium	160-1	67	158	108	111	41.31	cps
Gadolinium	160-2	73	67	53	64	15.80	cps
Holmium	165-1	2429296	2443775	2413448	2428839	0.62	cps
Holmium	165-2	1264913	1282320	1275420	1274218	0.69	cps
Indium	115-1	2264942	2278813	2309382	2284379	1.00	cps
Indium	115-2	379710	380175	384272	381386	0.66	cps
Iron	54-2	1082957	1070861	1072753	1075524	0.60	cps
Iron	56-2	20269472	19941284	19908619	20039792	1.00	cps
Iron	57-2	498380	496043	494616	496347	0.38	cps
Krypton	83-1	450	413	463	442	5.86	cps
Lead	206-1	744	683	733	720	4.52	cps
Lead	207-1	611	617	750	659	11.93	cps
Lead	208-1	2895	2645	2995	2845	6.34	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-04	Instrumnet Name :	P8
Client Sample ID :	S73-0244	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:30:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	650695	655495	655978	654056	0.45	cps
Magnesium	24-2	285322	287605	286423	286450	0.40	cps
Manganese	55-2	1019848	1000713	1013107	1011223	0.96	cps
Molybdenum	94-1	258	317	333	303	13.01	cps
Molybdenum	95-1	308	267	283	286	7.33	cps
Molybdenum	96-1	308	342	383	344	10.91	cps
Molybdenum	97-1	192	175	158	175	9.52	cps
Molybdenum	98-1	450	425	475	450	5.56	cps
Neodymium	150-1	47	127	100	91	44.71	cps
Neodymium	150-2	17	30	20	22	31.22	cps
Nickel	60-2	420	320	437	392	16.09	cps
Phosphorus	31-2	333	375	308	339	9.94	cps
Potassium	39-2	105014	104947	105535	105165	0.31	cps
Rhodium	103-1	2274229	2225274	2274870	2258124	1.26	cps
Rhodium	103-2	1132534	1144274	1145293	1140700	0.62	cps
Scandium	45-1	1592087	1626171	1665733	1627997	2.26	cps
Scandium	45-2	50930	50739	50866	50845	0.19	cps
Selenium	82-1	-6	8	-14	-4	-275.70	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	33	29	40	34	16.38	cps
Silicon	28-1	22391842	22166665	22766737	22441748	1.35	cps
Silver	109-1	58	42	42	47	20.38	cps
Silver	107-1	58	50	75	61	20.83	cps
Sodium	23-2	873952	877715	881866	877844	0.45	cps
Strontium	86-1	282360	288909	289705	286991	1.40	cps
Strontium	88-1	2448186	2479686	2507755	2478543	1.20	cps
Sulfur	34-1	537701	529485	524433	530540	1.26	cps
Terbium	159-1	2590314	2567594	2570259	2576056	0.48	cps
Terbium	159-2	1262388	1266684	1269429	1266167	0.28	cps
Thallium	203-1	92	42	58	64	39.85	cps
Thallium	205-1	142	167	158	156	8.18	cps
Tin	118-1	233	325	317	292	17.38	cps
Titanium	47-1	1167	1442	1200	1270	11.82	cps
Uranium	238-1	92	58	75	75	22.22	cps
Vanadium	51-2	220	277	263	253	11.70	cps
Yttrium	89-1	4069365	4105447	4148775	4107863	0.97	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-04	Instrumnet Name :	P8
Client Sample ID :	S73-0244	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:30:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	473654	483490	481805	479650	1.10	cps
Zinc	66-2	1363	1303	1433	1367	4.76	cps
Zirconium	90-1	258	375	383	339	20.62	cps
Zirconium	91-1	75	75	108	86	22.35	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-05	Instrumnet Name :	P8
Client Sample ID :	S73-0245	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:33:29	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	446	442	448	445	0.69	cps
Antimony	121-1	133	158	142	144	8.81	cps
Arsenic	75-2	34340	33788	33959	34029	0.83	cps
Barium	135-1	11330	11547	11664	11514	1.47	cps
Barium	137-1	19097	19540	19715	19451	1.64	cps
Beryllium	9-1	32	72	76	60	40.56	cps
Bismuth	209-1	1446599	1462088	1429733	1446140	1.12	cps
Bismuth	209-2	896114	902314	842291	880240	3.75	cps
Boron	10-1	1628	1752	1868	1749	6.86	cps
Boron	11-1	8241	8509	8925	8558	4.03	cps
Bromine	81-1	5517	6118	6348	5994	7.16	cps
Cadmium	111-1	795	861	797	818	4.59	cps
Cadmium	106-1	1083	1175	1092	1117	4.54	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	160682	167543	166387	164871	2.23	cps
Calcium	44-1	2608318	2683862	2711524	2667902	2.00	cps
Chromium	52-2	1357	1263	1250	1290	4.51	cps
Cobalt	59-2	23740	23757	23616	23704	0.32	cps
Copper	63-2	1180	1070	990	1080	8.83	cps
Dysprosium	156-1	67	50	50	56	17.32	cps
Dysprosium	156-2	17	27	33	26	32.81	cps
Erbium	164-1	42	50	83	58	37.80	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	100	75	67	81	21.53	cps
Gadolinium	160-2	30	30	40	33	17.32	cps
Holmium	165-1	2425145	2423870	2399164	2416060	0.61	cps
Holmium	165-2	1266141	1260711	1188692	1238515	3.49	cps
Indium	115-1	2242691	2302918	2318554	2288054	1.75	cps
Indium	115-2	378313	378030	359932	372091	2.83	cps
Iron	54-2	3643786	3615195	3630794	3629925	0.39	cps
Iron	56-2	66957456	66244431	67616585	66939490	1.03	cps
Iron	57-2	1662366	1681239	1679192	1674266	0.62	cps
Krypton	83-1	430	447	480	452	5.63	cps
Lead	206-1	917	900	894	904	1.28	cps
Lead	207-1	694	756	800	750	7.07	cps
Lead	208-1	3389	3617	3511	3506	3.25	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-05	Instrumnet Name :	P8
Client Sample ID :	S73-0245	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:33:29	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	650804	656612	654772	654063	0.45	cps
Magnesium	24-2	144840	147323	143250	145138	1.41	cps
Manganese	55-2	714259	711577	718859	714899	0.52	cps
Molybdenum	94-1	7169	7127	7085	7127	0.58	cps
Molybdenum	95-1	11630	11338	11572	11513	1.34	cps
Molybdenum	96-1	12806	12923	13057	12929	0.97	cps
Molybdenum	97-1	6919	7360	6902	7060	3.68	cps
Molybdenum	98-1	18463	19940	18872	19091	4.00	cps
Neodymium	150-1	53	40	53	49	15.74	cps
Neodymium	150-2	30	23	20	24	20.83	cps
Nickel	60-2	3247	3140	3030	3139	3.45	cps
Phosphorus	31-2	375	542	417	444	19.52	cps
Potassium	39-2	110798	112452	109523	110924	1.32	cps
Rhodium	103-1	2249076	2267823	2280393	2265764	0.70	cps
Rhodium	103-2	1145387	1137548	1078161	1120365	3.28	cps
Scandium	45-1	1578326	1597357	1626359	1600681	1.51	cps
Scandium	45-2	50298	51900	48127	50108	3.78	cps
Selenium	82-1	37	-34	-5	-1	-4552.45	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	50	36	34	40	21.81	cps
Silicon	28-1	14004336	14321108	14372521	14232655	1.40	cps
Silver	109-1	67	42	25	44	47.19	cps
Silver	107-1	100	92	133	108	20.35	cps
Sodium	23-2	1236467	1224320	1206123	1222303	1.25	cps
Strontium	86-1	90710	89377	92120	90736	1.51	cps
Strontium	88-1	775456	778012	790687	781385	1.04	cps
Sulfur	34-1	563110	572637	573012	569586	0.99	cps
Terbium	159-1	2540789	2564336	2571717	2558947	0.63	cps
Terbium	159-2	1258519	1267688	1204378	1243529	2.75	cps
Thallium	203-1	100	58	92	83	26.45	cps
Thallium	205-1	83	142	158	128	30.82	cps
Tin	118-1	242	258	342	281	19.10	cps
Titanium	47-1	850	767	850	822	5.85	cps
Uranium	238-1	200	308	242	250	21.86	cps
Vanadium	51-2	273	333	283	297	10.84	cps
Yttrium	89-1	4140826	4150297	4127005	4139376	0.28	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-05	Instrumnet Name :	P8
Client Sample ID :	S73-0245	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:33:29	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	478309	474849	454361	469173	2.76	cps
Zinc	66-2	1353	1443	1390	1396	3.24	cps
Zirconium	90-1	342	317	292	317	7.90	cps
Zirconium	91-1	133	200	225	186	25.46	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-06	Instrumnet Name :	P8
Client Sample ID :	S73-0246	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:36:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	454	442	400	432	6.56	cps
Antimony	121-1	100	83	100	94	10.18	cps
Arsenic	75-2	1131	1215	1210	1186	3.98	cps
Barium	135-1	20933	20458	21301	20897	2.02	cps
Barium	137-1	35890	35581	35748	35739	0.43	cps
Beryllium	9-1	70	60	66	65	7.71	cps
Bismuth	209-1	1417205	1430479	1431035	1426240	0.55	cps
Bismuth	209-2	889858	900761	908347	899655	1.03	cps
Boron	10-1	2396	2730	3010	2712	11.34	cps
Boron	11-1	11790	12993	13912	12898	8.25	cps
Bromine	81-1	11677	14442	14823	13647	12.58	cps
Cadmium	111-1	740	667	634	680	8.02	cps
Cadmium	106-1	1058	942	892	964	8.87	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	498125	494149	501112	497795	0.70	cps
Calcium	44-1	7806642	7895824	8006153	7902873	1.26	cps
Chromium	52-2	1270	1263	1143	1226	5.82	cps
Cobalt	59-2	70	113	93	92	23.52	cps
Copper	63-2	770	887	900	852	8.39	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	13	20	27	20	33.35	cps
Erbium	164-1	75	33	25	44	60.28	cps
Erbium	164-2	47	27	23	32	39.17	cps
Gadolinium	160-1	25	83	42	50	60.09	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	2376980	2323491	2400748	2367073	1.67	cps
Holmium	165-2	1250400	1281365	1280971	1270912	1.40	cps
Indium	115-1	2228325	2274267	2295745	2266112	1.52	cps
Indium	115-2	377426	383053	381844	380775	0.78	cps
Iron	54-2	60684	61733	60818	61078	0.93	cps
Iron	56-2	1129829	1149613	1126332	1135258	1.11	cps
Iron	57-2	27660	28774	27944	28126	2.06	cps
Krypton	83-1	513	427	443	461	9.97	cps
Lead	206-1	761	711	744	739	3.45	cps
Lead	207-1	650	700	650	667	4.33	cps
Lead	208-1	3045	2856	2928	2943	3.24	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-06	Instrumnet Name :	P8
Client Sample ID :	S73-0246	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:36:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	642432	642429	651248	645370	0.79	cps
Magnesium	24-2	819414	828070	837329	828271	1.08	cps
Manganese	55-2	255003	255990	253157	254717	0.56	cps
Molybdenum	94-1	1608	1783	1800	1731	6.14	cps
Molybdenum	95-1	2742	2542	2600	2628	3.91	cps
Molybdenum	96-1	2817	3117	3025	2987	5.15	cps
Molybdenum	97-1	1617	1792	1917	1775	8.49	cps
Molybdenum	98-1	3992	4292	4384	4223	4.85	cps
Neodymium	150-1	53	20	47	40	44.09	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	243	220	273	246	10.89	cps
Phosphorus	31-2	292	300	233	275	13.21	cps
Potassium	39-2	325282	327717	327330	326777	0.40	cps
Rhodium	103-1	2215551	2185361	2182611	2194507	0.83	cps
Rhodium	103-2	1120566	1131391	1130199	1127385	0.53	cps
Scandium	45-1	1575259	1584061	1608689	1589336	1.09	cps
Scandium	45-2	51010	52546	51037	51531	1.71	cps
Selenium	82-1	-70	-17	27	-20	-243.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	33	25	39	32	21.72	cps
Silicon	28-1	13544981	13772802	13712428	13676737	0.86	cps
Silver	109-1	42	17	33	31	41.66	cps
Silver	107-1	75	42	67	61	28.38	cps
Sodium	23-2	2464392	2496740	2524809	2495314	1.21	cps
Strontium	86-1	300314	305937	308852	305035	1.42	cps
Strontium	88-1	2654438	2646350	2647331	2649373	0.17	cps
Sulfur	34-1	620700	621192	620784	620892	0.04	cps
Terbium	159-1	2482820	2522012	2542067	2515633	1.20	cps
Terbium	159-2	1245011	1275032	1264568	1261537	1.21	cps
Thallium	203-1	67	50	67	61	15.75	cps
Thallium	205-1	142	158	125	142	11.77	cps
Tin	118-1	242	283	275	267	8.27	cps
Titanium	47-1	817	908	725	817	11.22	cps
Uranium	238-1	2259	2359	2392	2336	2.97	cps
Vanadium	51-2	30	30	27	29	6.65	cps
Yttrium	89-1	4072227	4131176	4071491	4091632	0.84	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2458-06	Instrumnet Name :	P8
Client Sample ID :	S73-0246	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:36:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	474681	478789	479173	477548	0.52	cps
Zinc	66-2	2027	2144	1963	2045	4.47	cps
Zirconium	90-1	175	267	183	208	24.33	cps
Zirconium	91-1	58	83	33	58	42.87	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:39:07	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1044402	1033418	1027320	1035047	0.84	cps
Antimony	121-1	1772869	1797515	1814454	1794946	1.16	cps
Arsenic	75-2	63591	63510	62708	63270	0.77	cps
Barium	135-1	1759497	1811361	1774823	1781894	1.50	cps
Barium	137-1	2993809	3106755	3074701	3058421	1.90	cps
Beryllium	9-1	370532	375956	371372	372620	0.78	cps
Bismuth	209-1	1448241	1449088	1448698	1448675	0.03	cps
Bismuth	209-2	895545	897335	891517	894799	0.33	cps
Boron	10-1	23959	27614	29872	27148	10.99	cps
Boron	11-1	112975	132055	142917	129316	11.72	cps
Bromine	81-1	5747	5527	5126	5467	5.76	cps
Cadmium	111-1	400887	399921	406320	402376	0.86	cps
Cadmium	106-1	41964	42215	43427	42536	1.84	cps
Cadmium	108-1	29686	29690	29164	29514	1.03	cps
Calcium	43-1	2318670	2356856	2334702	2336743	0.82	cps
Calcium	44-1	37454908	37788039	37160711	37467886	0.84	cps
Chromium	52-2	488451	489000	485040	487497	0.44	cps
Cobalt	59-2	857346	847981	839066	848131	1.08	cps
Copper	63-2	6497551	6451584	6414293	6454476	0.65	cps
Dysprosium	156-1	125	125	83	111	21.65	cps
Dysprosium	156-2	47	37	60	48	24.50	cps
Erbium	164-1	25	33	58	39	44.61	cps
Erbium	164-2	20	7	17	14	48.02	cps
Gadolinium	160-1	125	108	183	139	28.35	cps
Gadolinium	160-2	67	57	83	69	19.55	cps
Holmium	165-1	2461365	2483744	2464671	2469926	0.49	cps
Holmium	165-2	1299432	1295904	1303879	1299738	0.31	cps
Indium	115-1	2408281	2374036	2398399	2393572	0.74	cps
Indium	115-2	391806	388805	390351	390321	0.38	cps
Iron	54-2	4938156	4973681	4907291	4939710	0.67	cps
Iron	56-2	91981744	91748847	89832491	91187694	1.29	cps
Iron	57-2	2326623	2313608	2308199	2316143	0.41	cps
Krypton	83-1	413	393	453	420	7.28	cps
Lead	206-1	4653874	4733111	4703377	4696787	0.85	cps
Lead	207-1	4135204	4197801	4275133	4202713	1.67	cps
Lead	208-1	18591091	18762204	18963106	18772134	0.99	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:39:07	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	657420	655886	657008	656771	0.12	cps
Magnesium	24-2	13855332	13738448	13721231	13771670	0.53	cps
Manganese	55-2	2292274	2277975	2207788	2259346	2.00	cps
Molybdenum	94-1	3414890	3380672	3371231	3388931	0.68	cps
Molybdenum	95-1	4141665	4098861	4170975	4137167	0.88	cps
Molybdenum	96-1	4564932	4536613	4638739	4580095	1.15	cps
Molybdenum	97-1	2578032	2592665	2629800	2600166	1.03	cps
Molybdenum	98-1	6456206	6622852	6659757	6579605	1.65	cps
Neodymium	150-1	93	87	67	82	16.88	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	233380	236131	234736	234749	0.59	cps
Phosphorus	31-2	12672	12931	12347	12650	2.31	cps
Potassium	39-2	5512284	5481851	5453513	5482549	0.54	cps
Rhodium	103-1	2257005	2239619	2218577	2238400	0.86	cps
Rhodium	103-2	1120720	1125625	1124176	1123507	0.22	cps
Scandium	45-1	1637228	1646994	1640172	1641464	0.31	cps
Scandium	45-2	52395	53104	52238	52579	0.88	cps
Selenium	82-1	26672	27153	27031	26952	0.93	cps
Selenium	77-2	937	837	777	850	9.51	cps
Selenium	78-2	2872	2814	2816	2834	1.16	cps
Silicon	28-1	1630450	1737685	1819148	1729094	5.47	cps
Silver	109-1	1933330	1937018	1930715	1933688	0.16	cps
Silver	107-1	2028902	2053063	2039940	2040635	0.59	cps
Sodium	23-2	26774697	26934477	26687395	26798857	0.47	cps
Strontium	86-1	512675	518547	517343	516188	0.60	cps
Strontium	88-1	4427995	4415888	4452845	4432243	0.43	cps
Sulfur	34-1	677204	683043	673425	677891	0.71	cps
Terbium	159-1	2623546	2622034	2673449	2639677	1.11	cps
Terbium	159-2	1306232	1289743	1286116	1294031	0.83	cps
Thallium	203-1	1135028	1134458	1153000	1140829	0.92	cps
Thallium	205-1	2693149	2696822	2746167	2712046	1.09	cps
Tin	118-1	1224047	1251530	1239767	1238448	1.11	cps
Titanium	47-1	1215878	1227698	1209228	1217601	0.77	cps
Uranium	238-1	3398449	3332962	3380103	3370505	1.00	cps
Vanadium	51-2	381516	378298	380345	380053	0.43	cps
Yttrium	89-1	4241647	4237395	4265364	4248135	0.35	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:39:07	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	489440	490777	489115	489777	0.18	cps
Zinc	66-2	882656	871861	864951	873156	1.02	cps
Zirconium	90-1	2843740	2805082	2820552	2823125	0.69	cps
Zirconium	91-1	633853	620972	628007	627611	1.03	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:47:19	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	266	270	259	5.84	cps
Antimony	121-1	92	117	83	97	17.84	cps
Arsenic	75-2	9	5	4	6	44.10	cps
Barium	135-1	67	50	42	53	24.12	cps
Barium	137-1	83	92	83	86	5.58	cps
Beryllium	9-1	62	60	60	61	1.90	cps
Bismuth	209-1	1319423	1194776	1311129	1275109	5.47	cps
Bismuth	209-2	826532	822279	825118	824643	0.26	cps
Boron	10-1	1504	1370	1266	1380	8.65	cps
Boron	11-1	6524	6332	6210	6355	2.49	cps
Bromine	81-1	2403	2683	2212	2433	9.73	cps
Cadmium	111-1	684	698	752	711	5.05	cps
Cadmium	106-1	975	967	1058	1000	5.07	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	500	567	517	528	6.57	cps
Calcium	44-1	26542	25106	25323	25657	3.02	cps
Chromium	52-2	993	1087	1097	1059	5.38	cps
Cobalt	59-2	23	10	3	12	83.33	cps
Copper	63-2	880	867	773	840	6.92	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	42	33	8	28	62.46	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	2150355	2002487	2156626	2103156	4.15	cps
Holmium	165-2	1151076	1154284	1155575	1153645	0.20	cps
Indium	115-1	2117146	1910302	2120487	2049312	5.88	cps
Indium	115-2	346152	347317	348520	347330	0.34	cps
Iron	54-2	400	339	411	383	10.15	cps
Iron	56-2	2534	2434	2467	2478	2.06	cps
Iron	57-2	100	78	83	87	13.29	cps
Krypton	83-1	450	453	443	449	1.14	cps
Lead	206-1	806	761	706	757	6.62	cps
Lead	207-1	739	683	778	733	6.47	cps
Lead	208-1	3272	3178	3256	3235	1.56	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:47:19	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	610699	564252	602058	592336	4.17	cps
Magnesium	24-2	267	275	250	264	4.82	cps
Manganese	55-2	67	97	77	80	19.09	cps
Molybdenum	94-1	58	75	75	69	13.86	cps
Molybdenum	95-1	117	25	25	56	95.26	cps
Molybdenum	96-1	158	150	92	133	27.24	cps
Molybdenum	97-1	50	33	33	39	24.75	cps
Molybdenum	98-1	92	17	25	44	92.49	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	117	103	98	22.70	cps
Phosphorus	31-2	150	250	242	214	25.94	cps
Potassium	39-2	19680	19422	19105	19402	1.49	cps
Rhodium	103-1	2061809	1927395	2074242	2021149	4.03	cps
Rhodium	103-2	1036797	1037684	1043367	1039283	0.34	cps
Scandium	45-1	1473268	1339976	1460415	1424553	5.16	cps
Scandium	45-2	46880	46742	47348	46990	0.68	cps
Selenium	82-1	10	-4	-14	-2	-509.25	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	37	28	24	30	22.44	cps
Silicon	28-1	549451	552982	549767	550733	0.35	cps
Silver	109-1	83	83	58	75	19.25	cps
Silver	107-1	67	92	67	75	19.24	cps
Sodium	23-2	28637	28562	28344	28514	0.53	cps
Strontium	86-1	517	642	842	667	24.59	cps
Strontium	88-1	117	242	233	197	35.44	cps
Sulfur	34-1	535937	534812	537096	535948	0.21	cps
Terbium	159-1	2349332	2116596	2296080	2254003	5.41	cps
Terbium	159-2	1148852	1145511	1149946	1148103	0.20	cps
Thallium	203-1	83	208	125	139	45.82	cps
Thallium	205-1	342	325	300	322	6.51	cps
Tin	118-1	350	283	217	283	23.53	cps
Titanium	47-1	575	667	625	622	7.38	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-2	17	20	7	14	48.02	cps
Yttrium	89-1	3765250	3447804	3795100	3669385	5.25	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:47:19	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	432417	437305	437472	435731	0.66	cps
Zinc	66-2	143	107	120	123	15.05	cps
Zirconium	90-1	225	142	150	172	26.65	cps
Zirconium	91-1	17	17	25	19	24.73	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:51:44	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246	298	284	276	9.75	cps
Antimony	121-1	150	108	142	133	16.54	cps
Arsenic	75-2	13	11	11	12	9.90	cps
Barium	135-1	1067	1075	1083	1075	0.78	cps
Barium	137-1	2134	2034	2100	2089	2.44	cps
Beryllium	9-1	62	66	66	65	3.57	cps
Bismuth	209-1	1533257	1534497	1519467	1529074	0.55	cps
Bismuth	209-2	918789	933412	921141	924447	0.85	cps
Boron	10-1	1130	1076	1126	1110	2.71	cps
Boron	11-1	5006	5024	4798	4943	2.54	cps
Bromine	81-1	2683	2413	2493	2530	5.49	cps
Cadmium	111-1	825	874	779	826	5.75	cps
Cadmium	106-1	1175	1225	1092	1164	5.79	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	1125	900	842	956	15.66	cps
Calcium	44-1	33481	34693	33281	33818	2.26	cps
Chromium	52-2	1110	1180	1043	1111	6.15	cps
Cobalt	59-2	20	33	30	28	24.98	cps
Copper	63-2	2914	2924	3200	3013	5.40	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	20	3	7	10	88.20	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	2524911	2533894	2477409	2512071	1.21	cps
Holmium	165-2	1293409	1300759	1289261	1294476	0.45	cps
Indium	115-1	2398131	2457439	2424594	2426721	1.22	cps
Indium	115-2	391230	393920	389851	391667	0.53	cps
Iron	54-2	411	300	328	346	16.70	cps
Iron	56-2	2761	2545	2723	2676	4.32	cps
Iron	57-2	133	111	133	126	10.19	cps
Krypton	83-1	497	450	420	456	8.48	cps
Lead	206-1	767	767	789	774	1.66	cps
Lead	207-1	661	822	711	732	11.27	cps
Lead	208-1	3067	3272	3200	3180	3.28	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:51:44	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	701512	696086	685669	694422	1.16	cps
Magnesium	24-2	883	883	725	831	11.01	cps
Manganese	55-2	200	207	217	208	4.04	cps
Molybdenum	94-1	92	100	92	94	5.09	cps
Molybdenum	95-1	42	50	42	44	10.82	cps
Molybdenum	96-1	133	125	117	125	6.67	cps
Molybdenum	97-1	8	25	8	14	69.31	cps
Molybdenum	98-1	33	83	33	50	57.75	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	113	133	130	11.75	cps
Phosphorus	31-2	242	200	192	211	12.69	cps
Potassium	39-2	18721	19388	19764	19291	2.74	cps
Rhodium	103-1	2478972	2401778	2378313	2419688	2.18	cps
Rhodium	103-2	1177700	1177526	1162017	1172414	0.77	cps
Scandium	45-1	1714248	1688566	1702356	1701724	0.76	cps
Scandium	45-2	53372	53626	52596	53198	1.01	cps
Selenium	82-1	-78	-50	-3	-44	-87.38	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	45	32	27	35	26.80	cps
Silicon	28-1	766638	768058	767733	767476	0.10	cps
Silver	109-1	50	100	33	61	56.78	cps
Silver	107-1	42	67	100	69	42.14	cps
Sodium	23-2	52646	52679	52980	52768	0.35	cps
Strontium	86-1	717	950	767	811	15.15	cps
Strontium	88-1	1150	1133	892	1058	13.66	cps
Sulfur	34-1	544752	551183	546379	547438	0.61	cps
Terbium	159-1	2645797	2703874	2616687	2655453	1.67	cps
Terbium	159-2	1282519	1292066	1286618	1287068	0.37	cps
Thallium	203-1	83	83	133	100	28.87	cps
Thallium	205-1	308	233	192	244	24.19	cps
Tin	118-1	875	767	692	778	11.85	cps
Titanium	47-1	558	633	542	578	8.45	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-2	37	20	37	31	30.93	cps
Yttrium	89-1	4407043	4380742	4351219	4379668	0.64	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:51:44	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	489230	490921	489957	490036	0.17	cps
Zinc	66-2	253	200	220	224	12.01	cps
Zirconium	90-1	208	208	117	178	29.77	cps
Zirconium	91-1	42	25	50	39	32.73	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:54:36	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	996752	1001223	992432	996802	0.44	cps
Antimony	121-1	1700413	1677810	1740216	1706146	1.85	cps
Arsenic	75-2	60867	60464	60407	60580	0.41	cps
Barium	135-1	1688986	1684114	1702149	1691750	0.55	cps
Barium	137-1	2925999	2921714	2950947	2932887	0.54	cps
Beryllium	9-1	355714	357511	363388	358871	1.12	cps
Bismuth	209-1	1371389	1372371	1375949	1373237	0.17	cps
Bismuth	209-2	847792	850029	845048	847623	0.29	cps
Boron	10-1	22190	25567	28522	25426	12.46	cps
Boron	11-1	105027	122669	137716	121804	13.43	cps
Bromine	81-1	2403	2663	2383	2483	6.30	cps
Cadmium	111-1	382933	380672	387349	383651	0.89	cps
Cadmium	106-1	40536	41748	40218	40834	1.98	cps
Cadmium	108-1	27615	28145	27670	27810	1.05	cps
Calcium	43-1	2233217	2214905	2270242	2239455	1.26	cps
Calcium	44-1	35647428	35623514	36600391	35957111	1.55	cps
Chromium	52-2	468899	469121	465868	467963	0.39	cps
Cobalt	59-2	808689	809631	809850	809390	0.08	cps
Copper	63-2	6301455	6200587	6125747	6209263	1.42	cps
Dysprosium	156-1	42	100	125	89	48.11	cps
Dysprosium	156-2	50	50	60	53	10.83	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	108	108	125	114	8.45	cps
Gadolinium	160-2	87	70	53	70	23.81	cps
Holmium	165-1	2338329	2364737	2353515	2352194	0.56	cps
Holmium	165-2	1225685	1231138	1239177	1232000	0.55	cps
Indium	115-1	2298607	2310872	2277587	2295689	0.73	cps
Indium	115-2	371452	369311	369283	370015	0.34	cps
Iron	54-2	4780314	4765748	4781141	4775734	0.18	cps
Iron	56-2	87714194	87630560	86699330	87348028	0.64	cps
Iron	57-2	2212193	2218725	2214937	2215285	0.15	cps
Krypton	83-1	497	413	427	446	10.05	cps
Lead	206-1	4413388	4491397	4579667	4494817	1.85	cps
Lead	207-1	4013070	4001074	4093142	4035762	1.24	cps
Lead	208-1	17793631	18026685	18306294	18042204	1.42	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:54:36	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	628643	642132	638108	636294	1.09	cps
Magnesium	24-2	13444287	13476927	13377210	13432808	0.38	cps
Manganese	55-2	2193270	2188949	2141403	2174540	1.32	cps
Molybdenum	94-1	3185229	3250265	3244861	3226785	1.12	cps
Molybdenum	95-1	3881107	3941427	3966859	3929797	1.12	cps
Molybdenum	96-1	4393552	4397912	4401436	4397633	0.09	cps
Molybdenum	97-1	2441450	2462540	2492748	2465579	1.05	cps
Molybdenum	98-1	6167394	6192202	6269921	6209839	0.86	cps
Neodymium	150-1	60	73	33	56	36.67	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	225199	225825	222542	224522	0.78	cps
Phosphorus	31-2	12356	11730	12330	12139	2.92	cps
Potassium	39-2	5198365	5218856	5244036	5220419	0.44	cps
Rhodium	103-1	2151084	2131593	2111473	2131383	0.93	cps
Rhodium	103-2	1061465	1063770	1059958	1061731	0.18	cps
Scandium	45-1	1557814	1565693	1596649	1573386	1.30	cps
Scandium	45-2	49716	50084	49963	49921	0.38	cps
Selenium	82-1	25511	26076	26014	25867	1.20	cps
Selenium	77-2	727	773	907	802	11.64	cps
Selenium	78-2	2775	2800	2754	2776	0.83	cps
Silicon	28-1	1584688	1675303	1756494	1672162	5.14	cps
Silver	109-1	1831423	1848668	1839696	1839929	0.47	cps
Silver	107-1	1940762	1928078	1966418	1945086	1.00	cps
Sodium	23-2	25934364	26398555	25798882	26043934	1.21	cps
Strontium	86-1	487521	490410	496664	491532	0.95	cps
Strontium	88-1	4205128	4207513	4289889	4234177	1.14	cps
Sulfur	34-1	678854	675638	679093	677862	0.28	cps
Terbium	159-1	2476775	2494162	2523488	2498142	0.95	cps
Terbium	159-2	1223732	1226674	1228917	1226441	0.21	cps
Thallium	203-1	1072097	1096920	1100435	1089817	1.42	cps
Thallium	205-1	2601738	2623026	2645466	2623410	0.83	cps
Tin	118-1	1177218	1180223	1182902	1180114	0.24	cps
Titanium	47-1	1153556	1168889	1165813	1162753	0.70	cps
Uranium	238-1	3227985	3177103	3264413	3223167	1.36	cps
Vanadium	51-2	368197	367179	363320	366232	0.70	cps
Yttrium	89-1	4087308	4033070	4112464	4077614	1.00	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 15:54:36	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	461899	463687	461329	462305	0.27	cps
Zinc	66-2	837590	841600	834244	837811	0.44	cps
Zirconium	90-1	2711553	2696873	2722666	2710364	0.48	cps
Zirconium	91-1	592825	599073	597786	596561	0.55	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 16:08:45 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	254	270	258	261	3.19	cps
Antimony	121-1	75	42	92	69	36.66	cps
Arsenic	75-2	14	4	3	7	86.90	cps
Barium	135-1	50	25	42	39	32.73	cps
Barium	137-1	50	75	42	56	31.22	cps
Beryllium	9-1	64	52	36	51	27.73	cps
Bismuth	209-1	1294129	1298601	1307039	1299923	0.50	cps
Bismuth	209-2	757572	810976	821031	796526	4.28	cps
Boron	10-1	1068	962	1066	1032	5.87	cps
Boron	11-1	4864	4796	4642	4767	2.39	cps
Bromine	81-1	2172	2543	2443	2386	8.03	cps
Cadmium	111-1	703	722	662	696	4.40	cps
Cadmium	106-1	1000	1000	958	986	2.44	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	533	575	508	539	6.25	cps
Calcium	44-1	25056	24580	25365	25000	1.58	cps
Chromium	52-2	997	1030	1020	1016	1.68	cps
Cobalt	59-2	20	33	17	23	37.78	cps
Copper	63-2	783	717	760	753	4.49	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	2152605	2161311	2150523	2154813	0.27	cps
Holmium	165-2	1065138	1141062	1141188	1115796	3.93	cps
Indium	115-1	2080784	2052041	2111436	2081420	1.43	cps
Indium	115-2	319693	343138	344160	335664	4.12	cps
Iron	54-2	428	400	389	406	4.94	cps
Iron	56-2	2656	2784	2806	2748	2.95	cps
Iron	57-2	89	78	111	93	18.33	cps
Krypton	83-1	447	447	437	443	1.30	cps
Lead	206-1	794	706	817	772	7.61	cps
Lead	207-1	511	572	706	596	16.68	cps
Lead	208-1	2850	2834	2961	2882	2.41	cps

LB Number : LB109017 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-05 16:08:45 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	601271	600739	603606	601872	0.25	cps
Magnesium	24-2	150	192	258	200	27.32	cps
Manganese	55-2	100	93	73	89	15.61	cps
Molybdenum	94-1	108	108	100	106	4.56	cps
Molybdenum	95-1	67	50	75	64	19.92	cps
Molybdenum	96-1	142	83	108	111	26.34	cps
Molybdenum	97-1	8	33	25	22	57.29	cps
Molybdenum	98-1	92	67	42	67	37.50	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	153	73	113	113	35.30	cps
Phosphorus	31-2	225	150	183	186	20.19	cps
Potassium	39-2	19096	18621	18804	18841	1.27	cps
Rhodium	103-1	2056884	2009241	1995283	2020469	1.60	cps
Rhodium	103-2	968325	1036321	1042101	1015582	4.04	cps
Scandium	45-1	1434785	1473565	1464908	1457752	1.40	cps
Scandium	45-2	43944	47842	47020	46269	4.44	cps
Selenium	82-1	-18	-27	-14	-20	-32.13	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	31	34	38	34	10.23	cps
Silicon	28-1	550213	549394	553751	551119	0.42	cps
Silver	109-1	42	92	50	61	43.83	cps
Silver	107-1	25	42	58	42	40.00	cps
Sodium	23-2	28487	27977	27835	28100	1.22	cps
Strontium	86-1	633	800	767	733	12.03	cps
Strontium	88-1	217	183	217	206	9.36	cps
Sulfur	34-1	553322	554110	552202	553212	0.17	cps
Terbium	159-1	2263962	2327386	2278987	2290112	1.45	cps
Terbium	159-2	1057606	1136641	1149045	1114430	4.45	cps
Thallium	203-1	108	75	150	111	33.82	cps
Thallium	205-1	208	258	275	247	14.03	cps
Tin	118-1	317	325	300	314	4.06	cps
Titanium	47-1	658	600	608	622	5.07	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	10	7	23	13	66.12	cps
Yttrium	89-1	3744755	3707446	3798126	3750109	1.22	cps

LB Number :	LB109017	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-05 16:08:45	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	405305	431402	433849	423519	3.74	cps
Zinc	66-2	113	110	100	108	6.44	cps
Zirconium	90-1	142	142	200	161	20.91	cps
Zirconium	91-1	17	17	33	22	43.28	cps