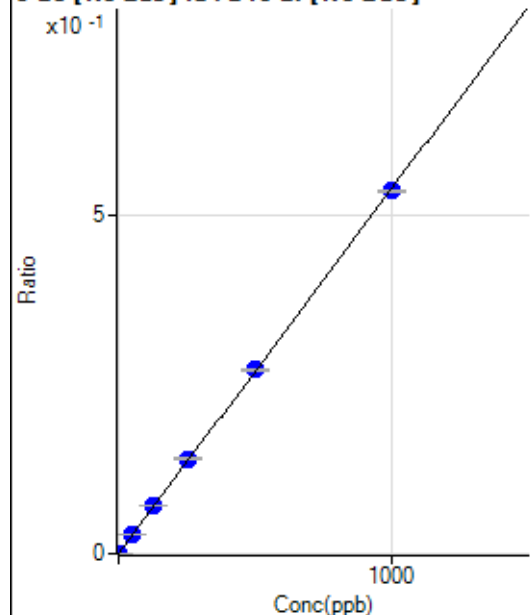


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8122420IMS.b\
Analysis File: P8122420IMS.batch.bin
DA Date-Time: 2020-12-27 20:03:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-12-24 14:46:11
2	004CALS.d	S02	2020-12-24 14:49:22
3	005CALS.d	S03	2020-12-24 14:52:32
4	006CALS.d	S04	2020-12-24 14:55:42
5	007CALS.d	S05	2020-12-24 14:58:46
6	008CALS.d	S06	2020-12-24 15:01:47
7	009CALS.d	S07	2020-12-24 15:04:45
8	010CALS.d	S08	2020-12-24 15:07:46

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.32	0.0000	P	8.3
2	☐	1.000	1.038	808.53	0.0006	P	2.3
3	☐	50.000	50.858	37572.11	0.0275	P	2.2
4	☐	125.000	132.447	93803.24	0.0715	P	1.6
5	☐	250.000	259.990	190247.25	0.1403	P	1.4
6	☐	500.000	503.847	367592.38	0.2718	P	0.8
7	☐	1000.000	994.605	742559.87	0.5365	P	0.4
8	☐			459.92	0.0003	P	12.7

$$y = 5.3937\text{E-}004 * x + 4.5990\text{E-}005$$

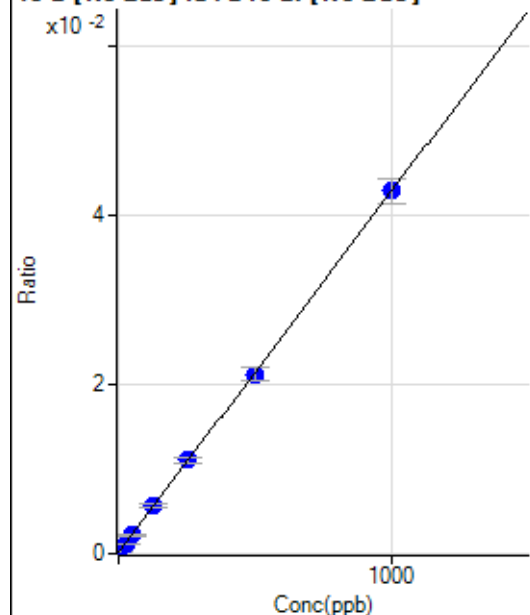
$$R = 0.9999$$

$$DL = 0.0213$$

$$BEC = 0.08527$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	177.97	0.0001	P	13.3
2	☐	25.000	22.656	1470.46	0.0011	P	3.8
3	☐	50.000	48.797	3037.72	0.0022	P	8.9
4	☐	125.000	128.469	7388.42	0.0056	P	7.5
5	☐	250.000	256.657	15053.41	0.0111	P	6.7
6	☐	500.000	493.871	28714.29	0.0212	P	7.5
7	☐	1000.000	1001.085	59422.31	0.0429	P	7.1
8	☐			9657.30	0.0068	P	10.4

$$y = 4.2736\text{E-}005 * x + 1.3342\text{E-}004$$

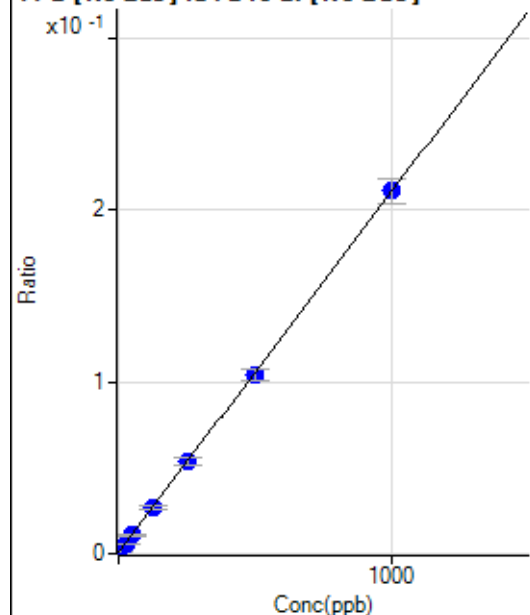
$$R = 0.9999$$

$$DL = 1.25$$

$$BEC = 3.122$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	816.53	0.0006	P	5.8
2	☐	25.000	22.258	7054.98	0.0053	P	7.3
3	☐	50.000	48.860	14875.92	0.0109	P	5.6
4	☐	125.000	126.947	35813.83	0.0273	P	7.4
5	☐	250.000	253.482	72988.28	0.0538	P	7.9
6	☐	500.000	493.116	140789.10	0.1041	P	7.1
7	☐	1000.000	1002.454	292242.20	0.2111	P	7.1
8	☐			46518.10	0.0330	P	7.6

$$y = 2.0994\text{E-}004 * x + 6.1252\text{E-}004$$

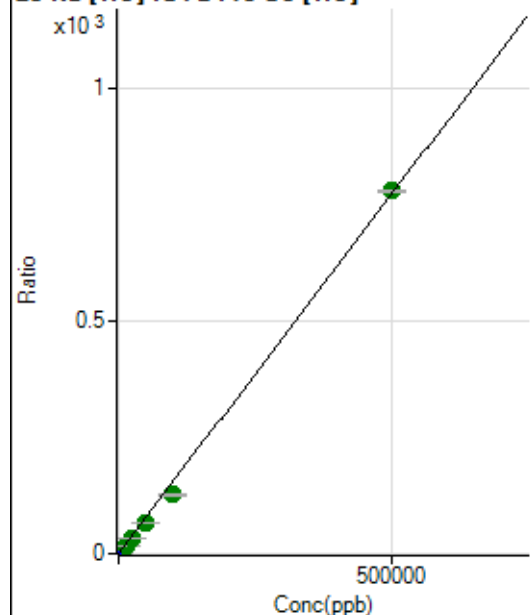
$$R = 1.0000$$

$$DL = 0.5111$$

$$BEC = 2.918$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26903.21	0.2878	P	1.8
2	☐	500.000	405.123	85729.00	0.9121	P	0.6
3	☐	5000.000	4395.190	654167.35	7.0615	P	1.2
4	☐	12500.000	10420.260	1572003.34	16.3472	A	0.4
5	☐	25000.000	20589.826	3092677.00	32.0203	A	2.2
6	☐	50000.000	41628.696	6171945.67	64.4450	A	0.4
7	☐	100000.00	81722.398	12367412.00	126.2364	A	1.2
8	☐	500000.00	504771.29	74029848.18	778.2296	A	0.8

$$y = 0.0015 * x + 0.2878$$

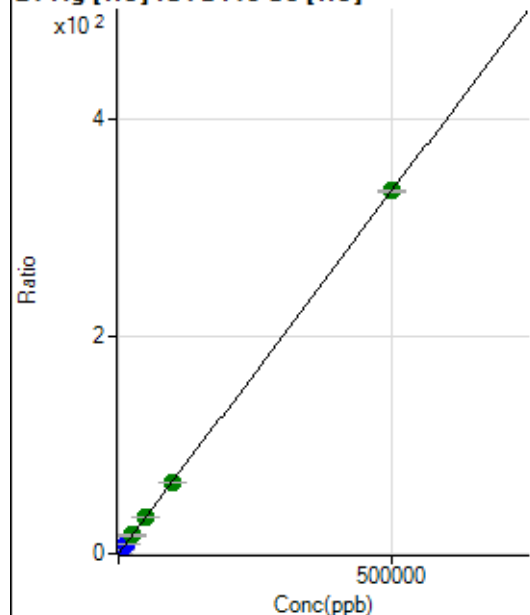
$$R = 0.9992$$

$$DL = 10.03$$

$$BEC = 186.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	675.03	0.0072	P	4.1
2	☐	500.000	481.339	30822.19	0.3280	P	2.1
3	☐	5000.000	5227.694	323366.31	3.4909	P	2.1
4	☐	12500.000	12680.420	813269.19	8.4573	P	0.2
5	☐	25000.000	25201.812	1622739.97	16.8014	A	2.6
6	☐	50000.000	50039.308	3194134.75	33.3528	A	0.8
7	☐	100000.00	97664.566	6377329.27	65.0896	A	0.2
8	☐	500000.00	500446.29	31725211.82	333.4982	A	0.7

$$y = 6.6639\text{E-}004 * x + 0.0072$$

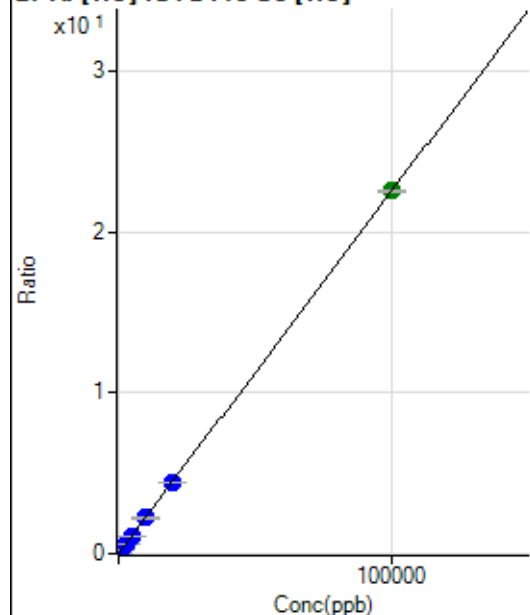
$$R = 1.0000$$

$$DL = 1.335$$

$$BEC = 10.83$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	381.21	0.0041	P	2.0
2	☐	20.000	18.817	781.60	0.0083	P	4.0
3	☐	1000.000	1003.309	21319.97	0.2302	P	1.9
4	☐	2500.000	2450.451	53487.39	0.5562	P	1.1
5	☐	5000.000	4887.465	106756.43	1.1054	P	2.8
6	☐	10000.000	9863.039	213215.87	2.2265	P	1.5
7	☐	20000.000	19433.378	429424.32	4.3830	P	0.6
8	☐	100000.00	100133.85	2146840.14	22.5674	A	0.2

$$y = 2.2533\text{E-}004 * x + 0.0041$$

$$R = 1.0000$$

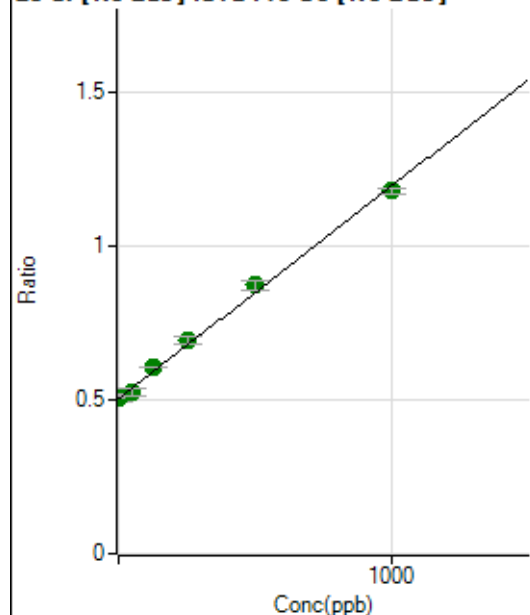
$$DL = 1.094$$

$$BEC = 18.1$$

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	1267569.61	0.5047	A	3.4
2	☐	10.000	10.456	1290905.62	0.5119	A	2.5
3	☐	50.000	29.218	1384424.49	0.5249	A	4.7
4	☐	125.000	148.105	1531641.02	0.6071	A	0.1
5	☐	250.000	272.903	1775863.71	0.6935	A	3.5
6	☐	500.000	532.013	2215073.90	0.8727	A	3.8
7	☐	1000.000	976.414	3050023.70	1.1802	A	1.3
8	☐			1339349.32	0.5267	A	0.4

$$y = 6.9187\text{E-}004 * x + 0.5047$$

R = 0.9982

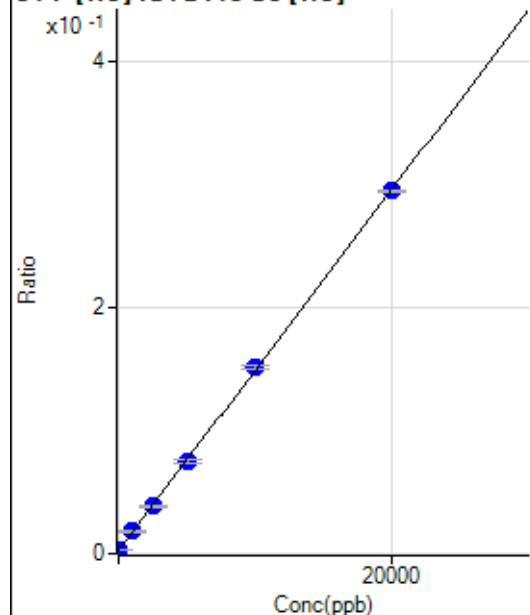
DL = 75.05

BEC = 729.4

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.581	269.45	0.0029	P	20.2
2	☐	0.000	-0.581	269.45	0.0029	P	15.2
3	☐	1000.000	1043.978	1683.49	0.0182	P	4.5
4	☐	2500.000	2450.157	3728.36	0.0388	P	2.3
5	☐	5000.000	4906.760	7221.45	0.0748	P	3.6
6	☐	10000.000	10147.397	14513.12	0.1515	P	2.7
7	☐	20000.000	19953.643	28921.10	0.2952	P	0.8
8	☐			269.45	0.0028	P	9.8

$$y = 1.4650\text{E-}005 * x + 0.0029$$

R = 0.9999

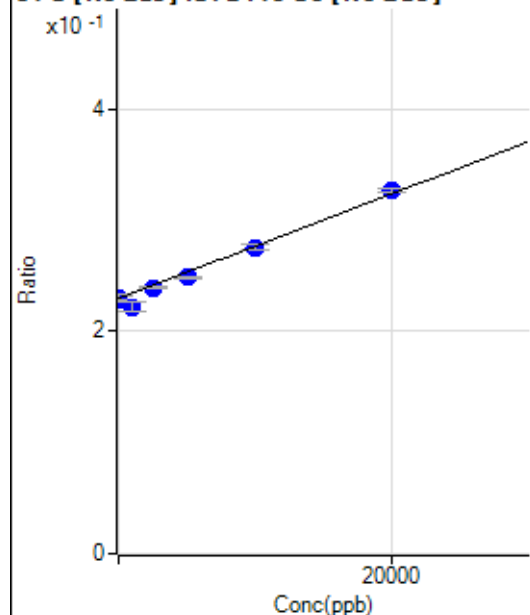
DL = 104.3

BEC = 196.2

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	-220.962	574806.16	0.2288	P	3.4
2	☐	0.000	220.962	582387.00	0.2309	P	2.1
3	☐	1000.000	-1619.912	586383.00	0.2223	P	3.9
4	☐	2500.000	2005.227	603682.53	0.2393	P	1.0
5	☐	5000.000	4007.329	637091.25	0.2487	P	1.0
6	☐	10000.000	9776.466	700373.30	0.2758	P	1.7
7	☐	20000.000	20552.777	843678.23	0.3265	P	1.0
8	☐			546946.95	0.2151	P	0.8

$$y = 4.7007\text{E-}006 * x + 0.2299$$

$$R = 0.9930$$

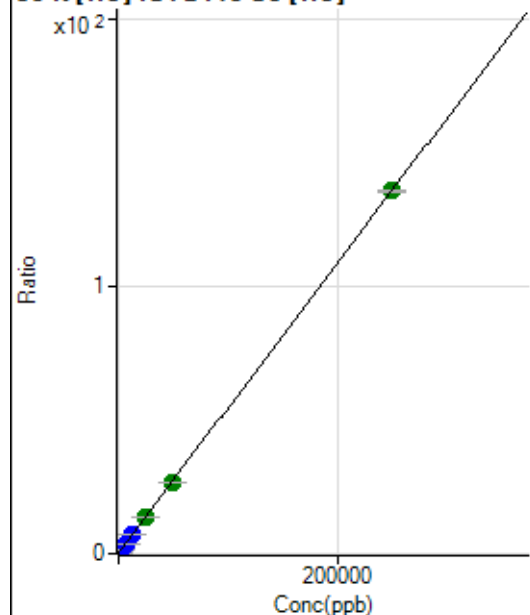
$$DL = 4003$$

$$BEC = 4.89\text{E+}04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27471.19	0.2938	P	3.1
2	☐	500.000	460.698	51013.02	0.5428	P	1.9
3	☐	2500.000	2549.627	154874.37	1.6719	P	2.4
4	☐	6250.000	6127.657	346751.02	3.6059	P	0.2
5	☐	12500.000	12405.744	675994.08	6.9992	P	2.4
6	☐	25000.000	24470.397	1294711.98	13.5202	A	2.1
7	☐	50000.000	48691.971	2607338.30	26.6120	A	0.7
8	☐	250000.00	250321.92	12898792.22	135.5936	A	0.6

$$y = 5.4050\text{E-}004 * x + 0.2938$$

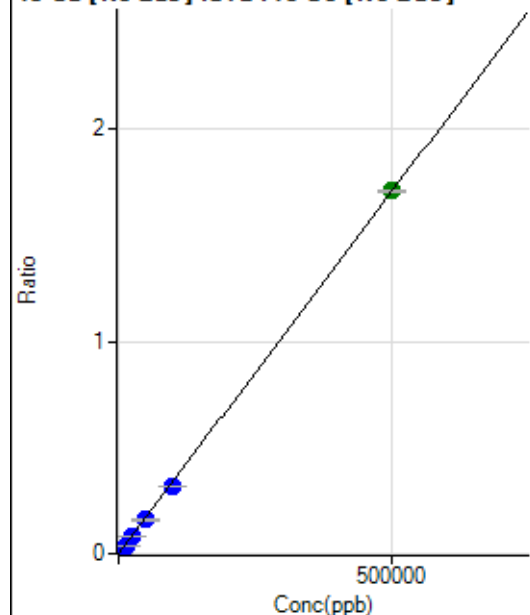
$$R = 1.0000$$

$$DL = 50.34$$

$$BEC = 543.6$$

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	285.80	0.0001	P	10.4
2	☐	500.000	460.971	4251.37	0.0017	P	5.1
3	☐	5000.000	4468.122	40510.99	0.0154	P	3.6
4	☐	12500.000	11880.106	102511.57	0.0406	P	0.7
5	☐	25000.000	24026.752	210197.32	0.0821	P	1.2
6	☐	50000.000	46982.756	407147.57	0.1604	P	2.1
7	☐	100000.00	93883.202	827811.84	0.3203	P	0.5
8	☐	500000.00	501594.60	4351181.16	1.7110	A	0.4

$$y = 3.4109\text{E-}006 * x + 1.1381\text{E-}004$$

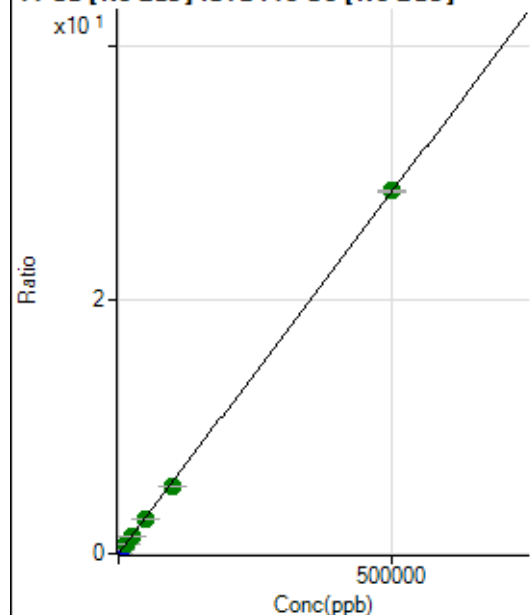
$$R = 0.9999$$

$$DL = 10.36$$

$$BEC = 33.37$$

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	16789.93	0.0067	P	3.5
2	☐	500.000	462.791	83302.04	0.0330	P	3.2
3	☐	5000.000	4525.021	697351.01	0.2643	P	3.8
4	☐	12500.000	11980.647	1737644.75	0.6888	A	0.6
5	☐	25000.000	24068.568	3526945.39	1.3771	A	1.8
6	☐	50000.000	46908.650	6799127.93	2.6775	A	1.4
7	☐	100000.00	92454.324	13620498.71	5.2707	A	0.5
8	☐	500000.00	501882.61	72686223.51	28.5820	A	0.6

$$y = 5.6936\text{E-}005 * x + 0.0067$$

$$R = 0.9999$$

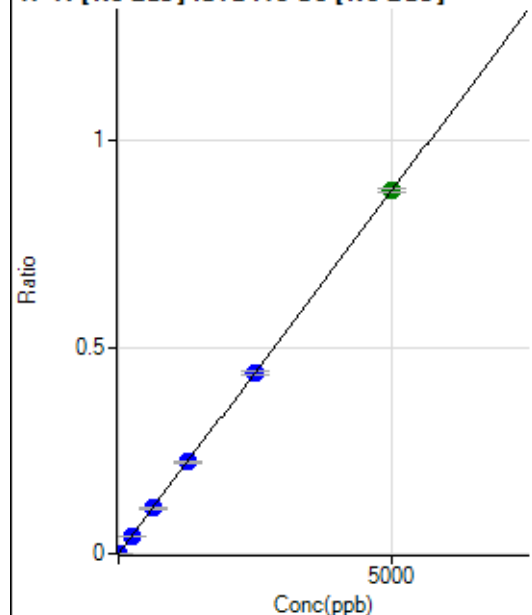
$$DL = 12.47$$

$$BEC = 117.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	463.91	0.0002	P	6.3
2	☐	5.000	5.130	2733.94	0.0011	P	11.3
3	☐	250.000	238.215	110729.60	0.0420	P	5.3
4	☐	625.000	624.960	277110.54	0.1099	P	1.6
5	☐	1250.000	1268.503	570610.09	0.2228	P	1.6
6	☐	2500.000	2489.535	1109532.85	0.4371	P	2.5
7	☐	5000.000	5001.201	2268371.86	0.8778	A	1.1
8	☐			741.74	0.0003	P	21.7

$$y = 1.7548\text{E-}004 * x + 1.8428\text{E-}004$$

$$R = 1.0000$$

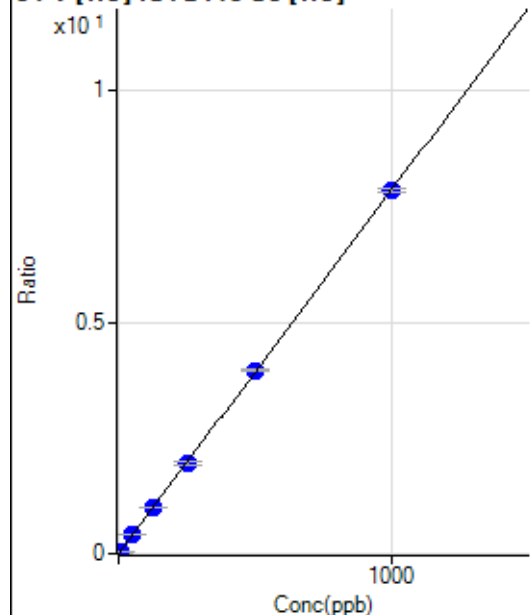
$$DL = 0.1988$$

$$BEC = 1.05$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0001	P	62.3
2	☐	5.000	4.762	3528.25	0.0376	P	4.7
3	☐	50.000	51.259	37333.07	0.4030	P	2.3
4	☐	125.000	125.148	94605.38	0.9838	P	0.8
5	☐	250.000	249.013	189053.76	1.9574	P	2.6
6	☐	500.000	504.796	379999.47	3.9680	P	0.9
7	☐	1000.000	997.768	768396.09	7.8429	P	0.9
8	☐			91.11	0.0010	P	17.1

$$y = 0.0079 * x + 1.1866\text{E-}004$$

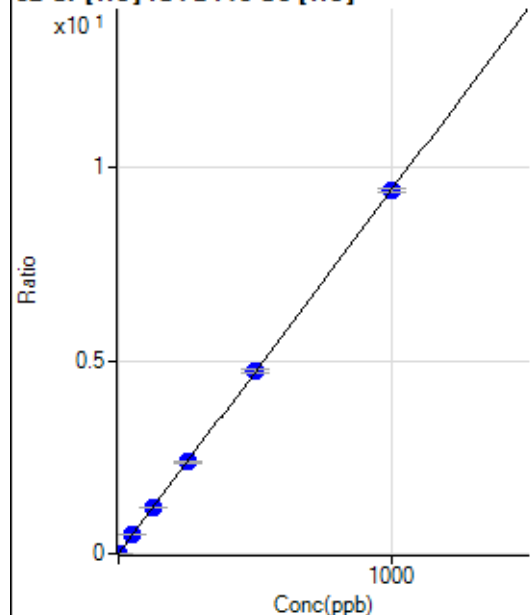
$$R = 1.0000$$

$$DL = 0.02822$$

$$BEC = 0.0151$$

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	494.46	0.0053	P	7.2
2	☐	2.000	1.972	2242.42	0.0239	P	1.4
3	☐	50.000	51.001	44969.31	0.4855	P	2.2
4	☐	125.000	125.531	114162.20	1.1872	P	0.4
5	☐	250.000	250.979	228733.75	2.3683	P	2.4
6	☐	500.000	503.491	454452.76	4.7457	P	1.8
7	☐	1000.000	997.893	920971.53	9.4006	P	1.1
8	☐			3734.97	0.0393	P	3.8

$$y = 0.0094 * x + 0.0053$$

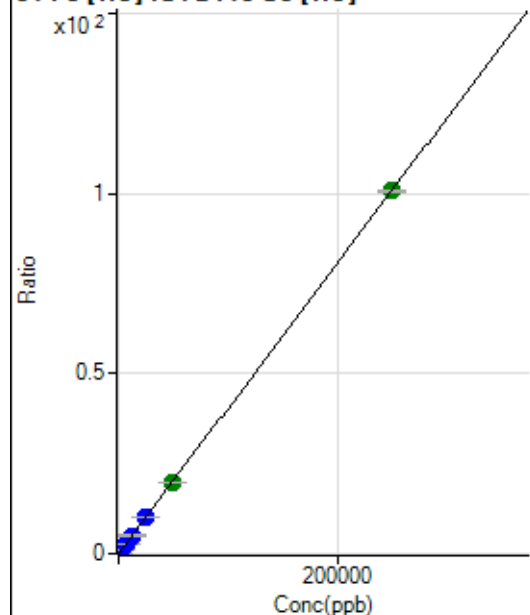
$$R = 1.0000$$

$$DL = 0.1216$$

$$BEC = 0.5618$$

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	414.83	0.0044	P	1.1
2	☐	50.000	47.046	2194.64	0.0234	P	6.4
3	☐	2500.000	2547.152	95321.22	1.0291	P	2.9
4	☐	6250.000	6241.990	241885.70	2.5154	P	0.6
5	☐	12500.000	12455.773	484400.76	5.0151	P	2.1
6	☐	25000.000	24975.759	962519.98	10.0516	P	1.9
7	☐	50000.000	49254.350	1941732.38	19.8183	A	0.3
8	☐	250000.00	250153.49	9573253.80	100.6355	A	0.6

$$y = 4.0228E-004 * x + 0.0044$$

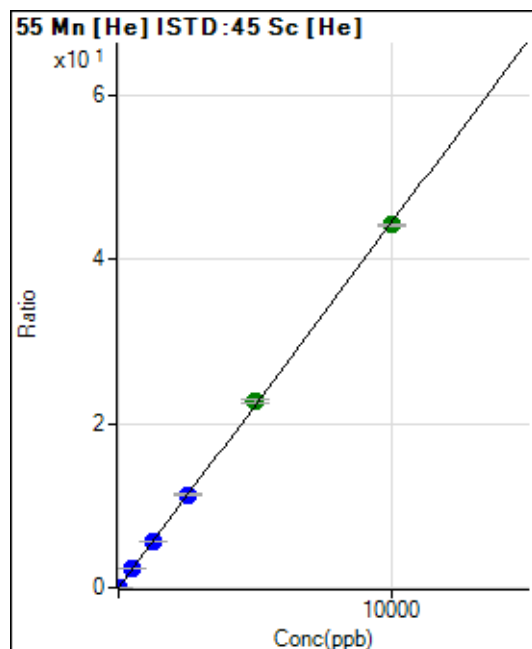
$$R = 1.0000$$

$$DL = 0.3514$$

$$BEC = 11.03$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	148.89	0.0016	P	14.4
2	☐	1.000	0.975	556.68	0.0059	P	5.9
3	☐	500.000	519.245	213763.82	2.3076	P	1.7
4	☐	1250.000	1267.720	541549.82	5.6317	P	0.8
5	☐	2500.000	2548.739	1093368.01	11.3208	P	2.6
6	☐	5000.000	5093.125	2166130.79	22.6206	A	1.7
7	☐	10000.000	9938.076	4324320.67	44.1375	A	0.6
8	☐			2525.80	0.0266	P	3.8

$$y = 0.0044 * x + 0.0016$$

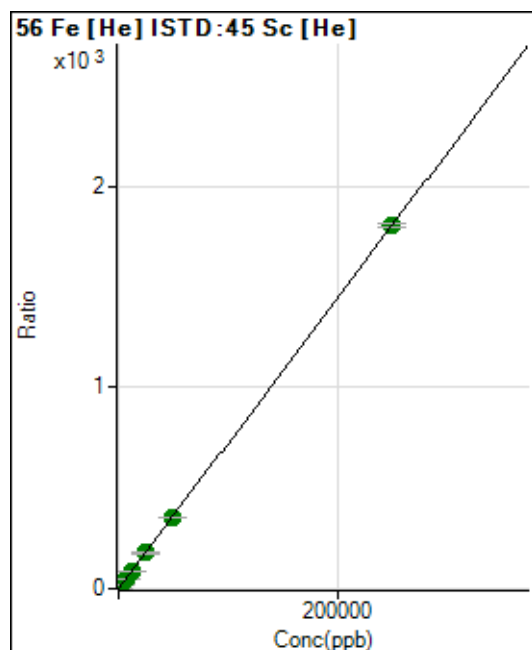
$$R = 0.9999$$

$$DL = 0.1554$$

$$BEC = 0.3586$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2872.56	0.0307	P	3.3
2	☐	50.000	47.957	35334.80	0.3760	P	0.7
3	☐	2500.000	2546.500	1700960.77	18.3625	A	2.1
4	☐	6250.000	6190.008	4287999.69	44.5913	A	0.0
5	☐	12500.000	12244.252	8515837.11	88.1746	A	3.1
6	☐	25000.000	24632.755	16983533.83	177.3568	A	1.7
7	☐	50000.000	48859.821	34462983.87	351.7625	A	0.7
8	☐	250000.00	250278.58	171389868.6	1.801.734	A	1.0

$$y = 0.0072 * x + 0.0307$$

$$R = 1.0000$$

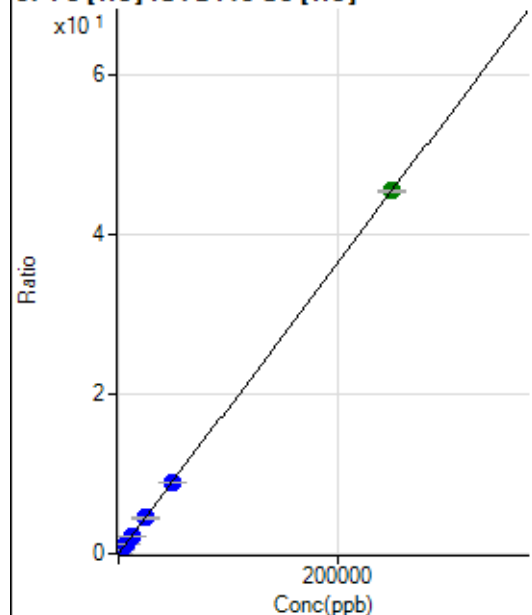
$$DL = 0.4225$$

$$BEC = 4.268$$

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	111.11	0.0012	P	13.6
2	☐	50.000	48.197	933.38	0.0099	P	7.9
3	☐	2500.000	2534.896	42702.89	0.4610	P	2.2
4	☐	6250.000	6169.964	107733.33	1.1204	P	0.4
5	☐	12500.000	12347.554	216447.05	2.2409	P	1.9
6	☐	25000.000	24692.949	428999.99	4.4802	P	2.2
7	☐	50000.000	48715.334	865848.60	8.8376	P	0.6
8	☐	250000.00	250296.91	4319055.62	45.4022	A	0.8

$$y = 1.8139\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

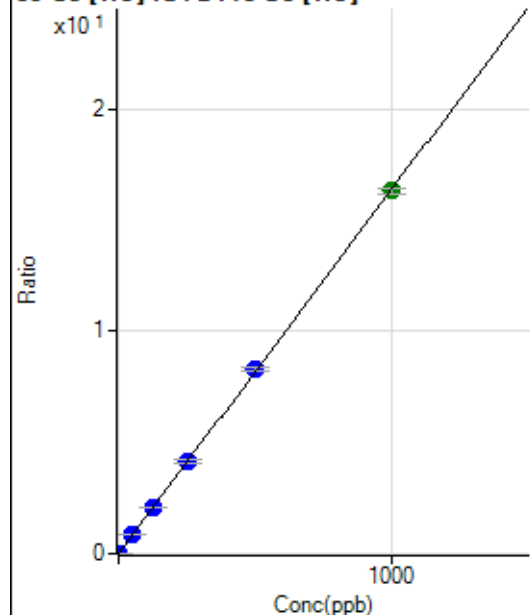
$$DL = 2.666$$

$$BEC = 6.554$$

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	84.44	0.0009	P	15.1
2	☐	1.000	0.952	1548.99	0.0165	P	5.2
3	☐	50.000	52.025	78958.33	0.8523	P	0.6
4	☐	125.000	126.559	199253.09	2.0721	P	0.2
5	☐	250.000	253.669	401027.77	4.1522	P	2.7
6	☐	500.000	504.698	790969.31	8.2603	P	2.1
7	☐	1000.000	996.438	1597653.83	16.3077	A	1.9
8	☐			2279.10	0.0240	P	0.3

$$y = 0.0164 * x + 9.0345\text{E-}004$$

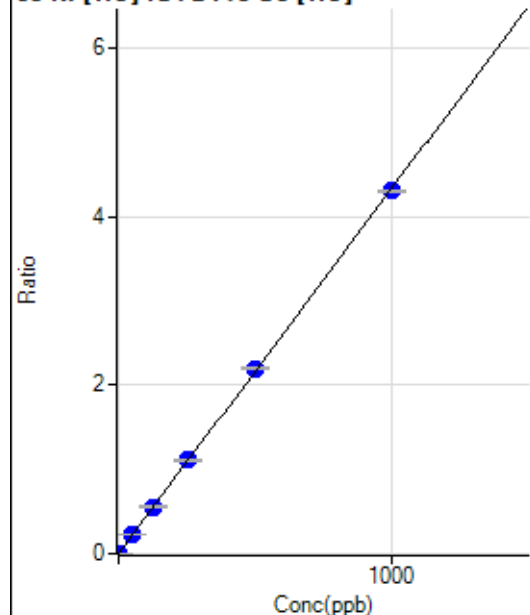
$$R = 1.0000$$

$$DL = 0.02509$$

$$BEC = 0.05521$$

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	163.33	0.0017	P	9.6
2	☐	1.000	1.085	605.57	0.0064	P	4.0
3	☐	50.000	52.723	21317.21	0.2301	P	0.9
4	☐	125.000	128.356	53628.38	0.5577	P	1.3
5	☐	250.000	256.044	107282.83	1.1108	P	2.1
6	☐	500.000	507.406	210631.77	2.1995	P	1.3
7	☐	1000.000	994.230	422077.48	4.3081	P	0.5
8	☐			1171.17	0.0123	P	5.3

$$y = 0.0043 * x + 0.0017$$

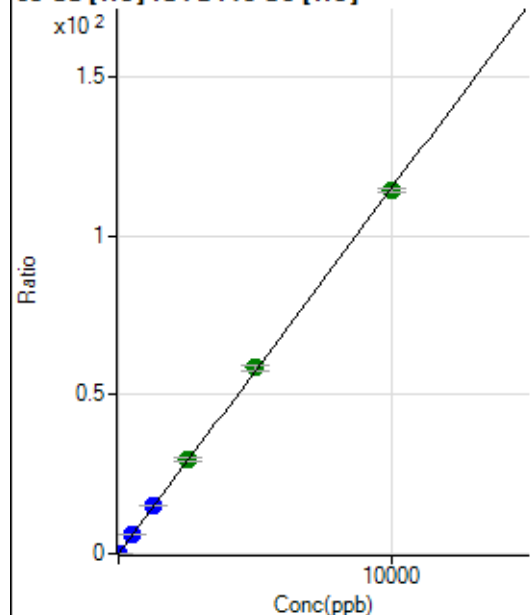
$$R = 0.9999$$

$$DL = 0.1168$$

$$BEC = 0.4034$$

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	611.13	0.0065	P	7.0
2	☐	2.000	2.138	2924.78	0.0311	P	4.0
3	☐	500.000	533.467	568795.48	6.1401	P	1.5
4	☐	1250.000	1299.057	1436898.02	14.9425	P	0.3
5	☐	2500.000	2581.615	2867562.84	29.6888	A	2.5
6	☐	5000.000	5084.552	5598183.60	58.4666	A	2.7
7	☐	10000.000	9929.514	11185654.14	114.1719	A	1.2
8	☐			5880.16	0.0618	P	1.0

$$y = 0.0115 * x + 0.0065$$

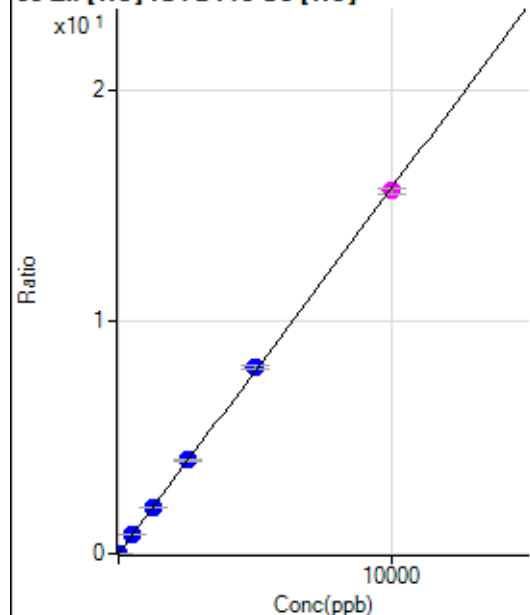
$$R = 0.9999$$

$$DL = 0.1198$$

$$BEC = 0.5685$$

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	201.11	0.0022	P	22.3
2	☐	2.000	1.589	437.79	0.0047	P	12.4
3	☐	500.000	528.787	77393.12	0.8355	P	2.1
4	☐	1250.000	1283.612	194731.81	2.0251	P	0.4
5	☐	2500.000	2554.011	388955.87	4.0271	P	2.5
6	☐	5000.000	5104.974	770631.17	8.0473	P	1.3
7	☐	10000.000	9928.369	1533009.25	15.6487	M	1.8
8	☐			1494.54	0.0157	P	6.6

$$y = 0.0016 * x + 0.0022$$

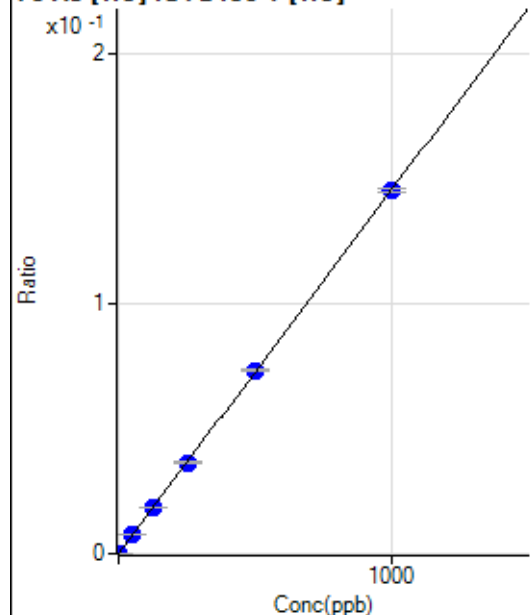
$$R = 0.9999$$

$$DL = 0.9125$$

$$BEC = 1.366$$

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	7.33	0.0000	P	20.4
2	☐	1.000	0.944	111.34	0.0001	P	4.2
3	☐	50.000	51.305	5678.72	0.0075	P	3.3
4	☐	125.000	125.225	14227.59	0.0182	P	0.7
5	☐	250.000	250.959	28732.97	0.0365	P	2.3
6	☐	500.000	503.880	57550.85	0.0734	P	1.2
7	☐	1000.000	997.727	115244.64	0.1453	P	0.9
8	☐			61.34	0.0001	P	18.9

$$y = 1.4560E-004 * x + 9.5793E-006$$

$$R = 1.0000$$

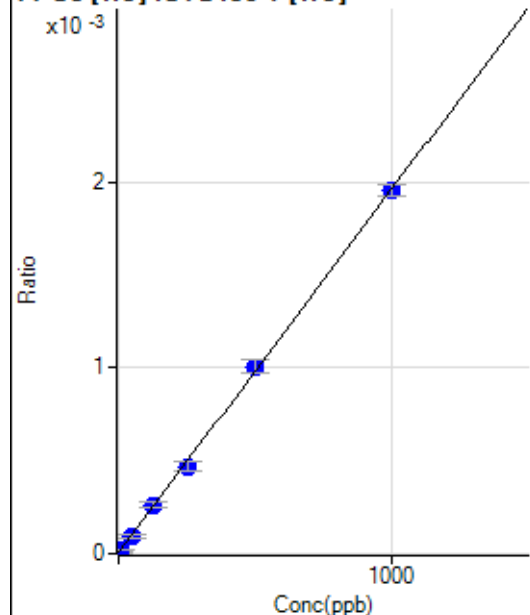
$$DL = 0.0403$$

$$BEC = 0.06579$$

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	4.44	0.0000	P	44.3
2	☐	5.000	7.495	15.55	0.0000	P	43.7
3	☐	50.000	45.657	72.22	0.0001	P	26.9
4	☐	125.000	130.519	203.34	0.0003	P	11.7
5	☐	250.000	237.853	370.01	0.0005	P	10.8
6	☐	500.000	513.145	791.14	0.0010	P	7.6
7	☐	1000.000	995.979	1547.88	0.0020	P	3.1
8	☐			5.56	0.0000	P	34.7

$$y = 1.9534\text{E-}006 * x + 5.8202\text{E-}006$$

$$R = 0.9998$$

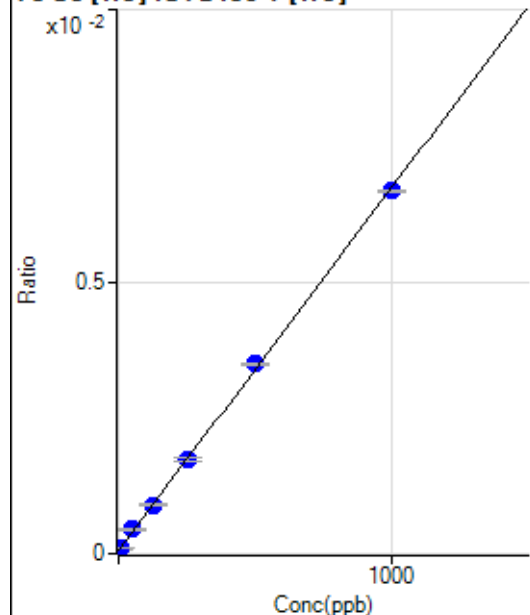
$$DL = 3.959$$

$$BEC = 2.98$$

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	44.67	0.0001	P	16.8
2	☐	5.000	5.224	70.68	0.0001	P	9.5
3	☐	50.000	57.561	336.04	0.0004	P	2.0
4	☐	125.000	126.357	702.75	0.0009	P	5.2
5	☐	250.000	251.330	1363.87	0.0017	P	2.6
6	☐	500.000	514.862	2739.88	0.0035	P	1.3
7	☐	1000.000	991.688	5294.20	0.0067	P	0.5
8	☐			54.34	0.0001	P	9.4

$$y = 6.6707\text{E-}006 * x + 5.8329\text{E-}005$$

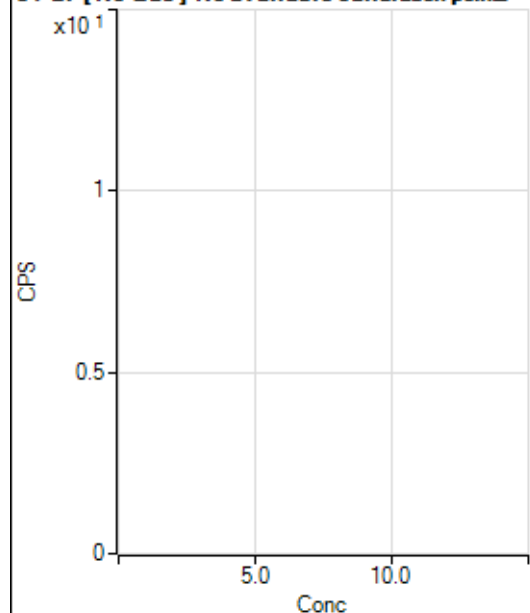
$$R = 0.9998$$

$$DL = 4.4$$

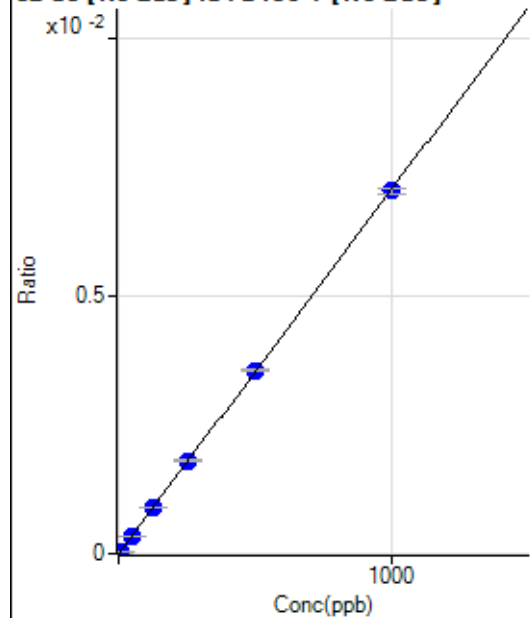
$$BEC = 8.744$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3106.90		P	4.2
2	☐			3303.80		P	3.4
3	☐			3193.67		P	1.7
4	☐			3427.30		P	3.2
5	☐			3403.92		P	8.4
6	☐			3350.54		P	4.6
7	☐			3674.28		P	7.2
8	☐			3570.80		P	9.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-19.73	0.0000	P	-287.
2	☐	5.000	4.108	184.38	0.0000	P	62.3
3	☐	50.000	49.033	2518.00	0.0003	P	4.4
4	☐	125.000	127.141	6224.43	0.0009	P	0.5
5	☐	250.000	255.711	12845.08	0.0018	P	1.9
6	☐	500.000	503.471	24943.78	0.0036	P	0.8
7	☐	1000.000	996.622	50391.64	0.0070	P	1.7
8	☐			-43.27	0.0000	P	-478.

$$y = 7.0727E-006 * x - 2.6787E-006$$

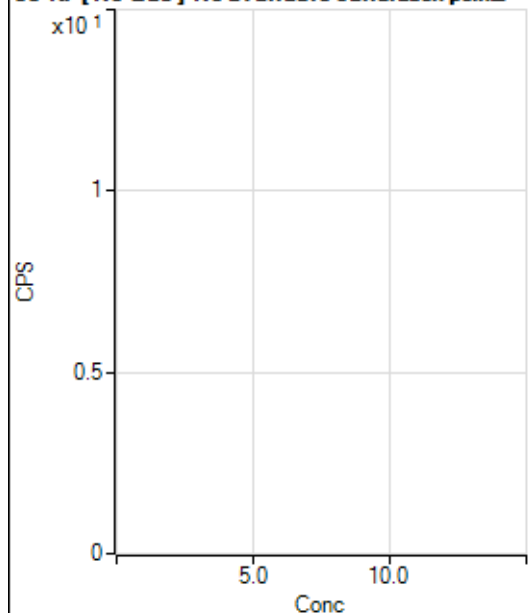
$$R = 1.0000$$

$$DL = 3.267$$

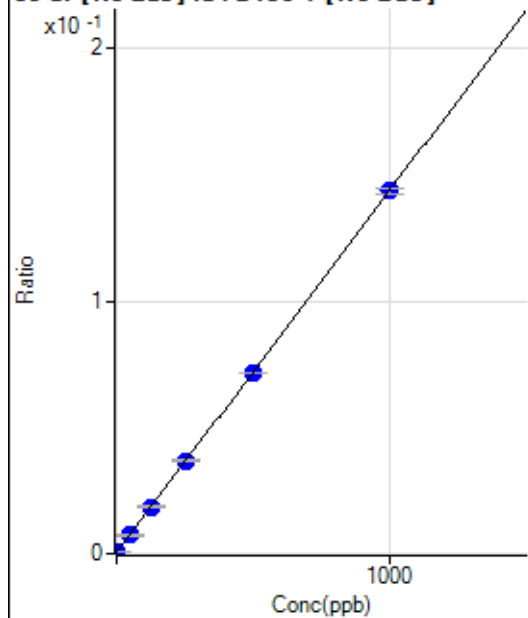
$$BEC = -0.3787$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1796.80		P	1.7
2	☐			1855.70		P	4.8
3	☐			1842.36		P	2.6
4	☐			1911.26		P	3.7
5	☐			1882.37		P	5.9
6	☐			1793.47		P	3.3
7	☐			1765.69		P	7.9
8	☐			1870.14		P	7.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2958.73	0.0004	P	12.3
2	☐	1.000	1.012	3967.36	0.0006	P	3.6
3	☐	50.000	48.051	53422.31	0.0073	P	4.4
4	☐	125.000	126.517	128669.66	0.0185	P	1.6
5	☐	250.000	254.791	262522.07	0.0369	P	0.5
6	☐	500.000	497.983	502807.53	0.0717	P	0.2
7	☐	1000.000	999.718	1026668.14	0.1436	P	1.6
8	☐			9028.16	0.0013	P	1.6

$$y = 1.4318E-004 * x + 4.2194E-004$$

$$R = 1.0000$$

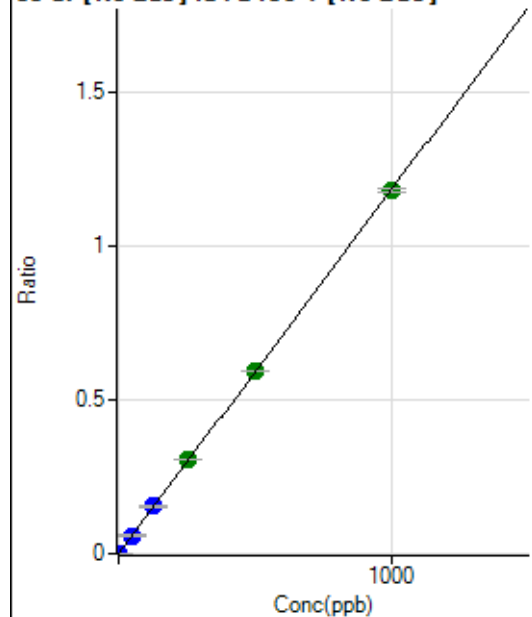
$$DL = 1.084$$

$$BEC = 2.947$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	216.67	0.0000	P	6.3
2	☐	1.000	1.003	8544.62	0.0012	P	4.8
3	☐	50.000	49.538	430036.39	0.0588	P	3.4
4	☐	125.000	130.203	1071869.45	0.1544	P	1.3
5	☐	250.000	258.373	2179458.42	0.3064	A	1.0
6	☐	500.000	501.526	4168387.46	0.5946	A	0.8
7	☐	1000.000	996.516	8449937.34	1.1815	A	1.1
8	☐			50820.80	0.0072	P	1.6

$$y = 0.0012 * x + 3.0864E-005$$

$$R = 0.9999$$

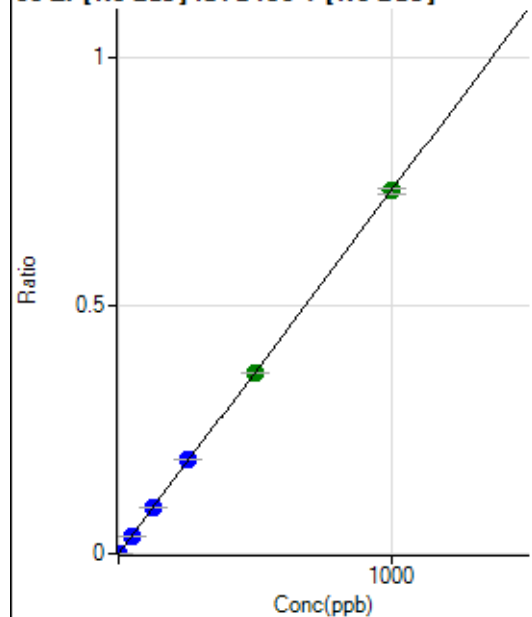
$$DL = 0.004889$$

$$BEC = 0.02603$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	233.34	0.0000	P	15.0
2	☐	1.000	1.053	5621.67	0.0008	P	7.6
3	☐	50.000	48.347	258773.82	0.0354	P	3.0
4	☐	125.000	128.550	652264.71	0.0940	P	1.3
5	☐	250.000	258.010	1341354.34	0.1886	P	0.5
6	☐	500.000	497.611	2549091.66	0.3636	A	0.5
7	☐	1000.000	998.831	5219607.10	0.7299	A	1.5
8	☐			1944.63	0.0003	P	6.8

$$y = 7.3067E-004 * x + 3.3297E-005$$

$$R = 1.0000$$

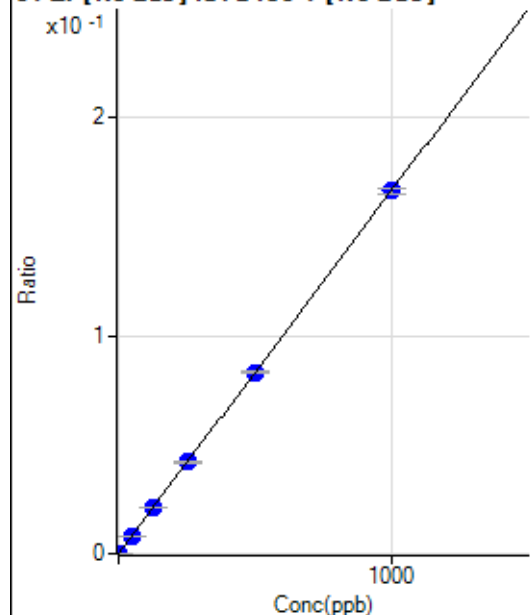
$$DL = 0.02046$$

$$BEC = 0.04557$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	61.0
2	☐	1.000	0.891	1091.74	0.0002	P	3.2
3	☐	50.000	46.980	57309.93	0.0078	P	2.6
4	☐	125.000	125.398	144991.53	0.0209	P	1.5
5	☐	250.000	252.527	299139.43	0.0421	P	1.7
6	☐	500.000	500.438	584176.52	0.0833	P	0.8
7	☐	1000.000	999.251	1189985.26	0.1664	P	1.3
8	☐			513.91	0.0001	P	9.6

$$y = 1.6651E-004 * x + 7.5995E-006$$

$$R = 1.0000$$

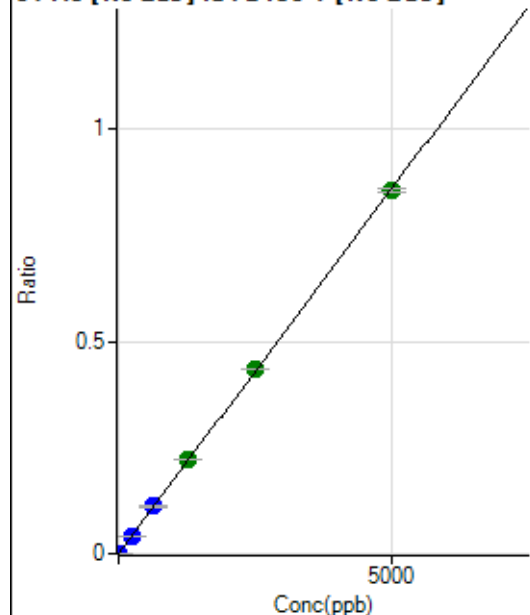
$$DL = 0.08358$$

$$BEC = 0.04564$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	9.4
2	☐	5.000	5.047	6168.23	0.0009	P	2.7
3	☐	250.000	244.835	307804.88	0.0421	P	3.1
4	☐	625.000	650.336	775337.46	0.1117	P	1.6
5	☐	1250.000	1290.396	1576626.03	0.2216	A	0.6
6	☐	2500.000	2525.660	3040758.38	0.4337	A	0.2
7	☐	5000.000	4974.162	6109327.70	0.8542	A	1.2
8	☐			1755.72	0.0003	P	8.7

$$y = 1.7173E-004 * x + 1.4241E-005$$

$$R = 0.9999$$

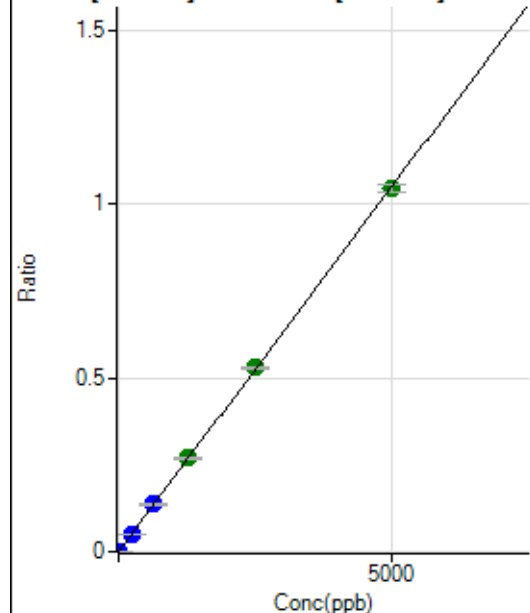
$$DL = 0.02338$$

$$BEC = 0.08292$$

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	30.56	0.0000	P	32.7
2	☐	5.000	5.052	7457.76	0.0011	P	3.0
3	☐	250.000	242.775	372955.33	0.0510	P	3.5
4	☐	625.000	647.322	943291.57	0.1359	P	0.6
5	☐	1250.000	1288.262	1923493.03	0.2704	A	2.1
6	☐	2500.000	2527.930	3719792.01	0.5306	A	1.2
7	☐	5000.000	4974.041	7466428.38	1.0440	A	2.0
8	☐			1814.06	0.0003	P	3.0

$$y = 2.0990\text{E-}004 * x + 4.3591\text{E-}006$$

$$R = 0.9999$$

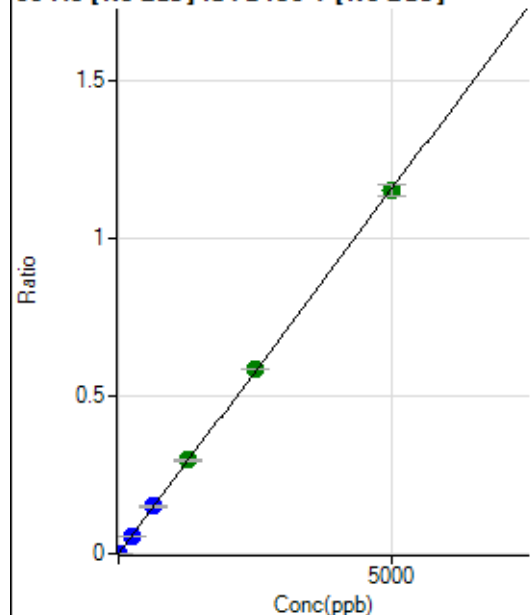
$$DL = 0.02035$$

$$BEC = 0.02077$$

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	27.8
2	☐	5.000	4.972	8138.78	0.0012	P	2.3
3	☐	250.000	243.593	412545.28	0.0564	P	3.0
4	☐	625.000	647.817	1040643.68	0.1499	P	1.8
5	☐	1250.000	1279.787	2106271.69	0.2961	A	1.8
6	☐	2500.000	2526.444	4097859.42	0.5845	A	0.2
7	☐	5000.000	4976.799	8233561.38	1.1514	A	3.1
8	☐			2889.30	0.0004	P	9.3

$$y = 2.3136\text{E-}004 * x + 1.2215\text{E-}005$$

$$R = 0.9999$$

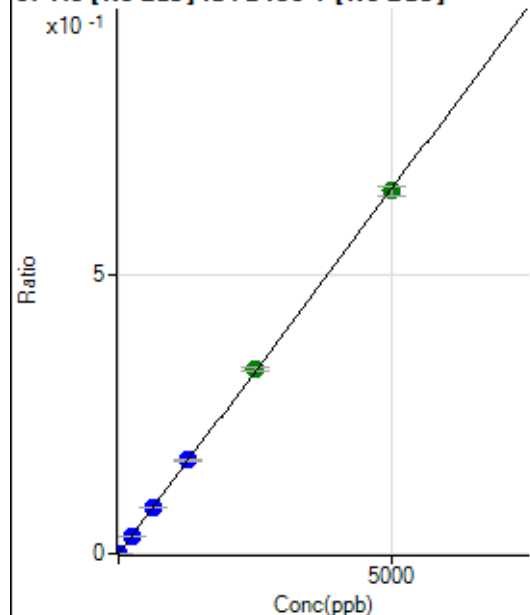
$$DL = 0.04409$$

$$BEC = 0.0528$$

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	8.33	0.0000	P	99.7
2	☐	5.000	5.127	4687.05	0.0007	P	3.6
3	☐	250.000	242.385	231332.97	0.0316	P	2.8
4	☐	625.000	636.724	576386.78	0.0830	P	0.9
5	☐	1250.000	1283.566	1190588.65	0.1674	P	1.3
6	☐	2500.000	2531.546	2314002.96	0.3301	A	1.2
7	☐	5000.000	4974.751	4639024.72	0.6487	A	2.3
8	☐			1383.63	0.0002	P	13.4

$$y = 1.3040\text{E-}004 * x + 1.2037\text{E-}006$$

$$R = 0.9999$$

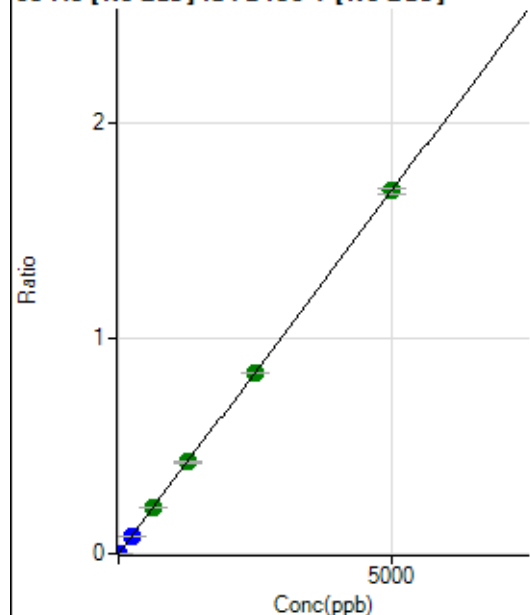
$$DL = 0.02761$$

$$BEC = 0.009231$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	70.3
2	☐	5.000	4.968	11749.72	0.0017	P	4.5
3	☐	250.000	240.890	594482.40	0.0812	P	2.6
4	☐	625.000	629.997	1474437.54	0.2124	A	2.1
5	☐	1250.000	1259.537	3020857.77	0.4247	A	1.1
6	☐	2500.000	2493.717	5894120.40	0.8408	A	0.7
7	☐	5000.000	5000.588	12058183.34	1.6860	A	1.7
8	☐			3136.54	0.0004	P	4.2

$$y = 3.3716\text{E-}004 * x + 3.9729\text{E-}006$$

$$R = 1.0000$$

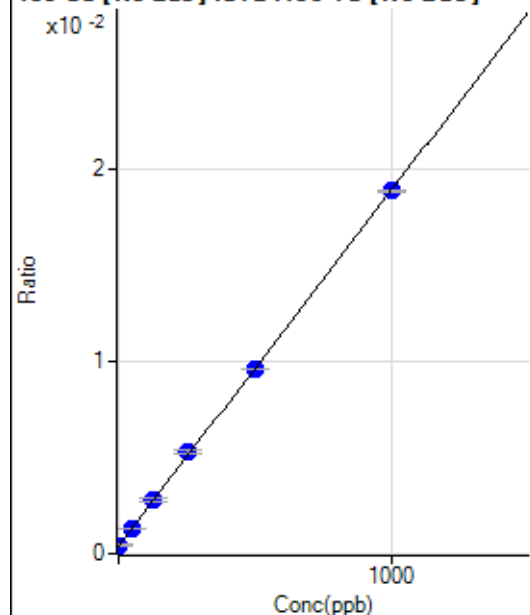
$$DL = 0.02487$$

$$BEC = 0.01178$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1583.47	0.0004	P	5.1
2	☐	1.000	2.138	1744.61	0.0004	P	15.0
3	☐	50.000	48.530	5409.54	0.0013	P	3.8
4	☐	125.000	128.923	11099.20	0.0028	P	5.6
5	☐	250.000	263.112	21272.31	0.0053	P	3.7
6	☐	500.000	497.025	39028.20	0.0096	P	0.6
7	☐	1000.000	997.791	76836.26	0.0189	P	0.6
8	☐			1527.91	0.0004	P	7.6

$$y = 1.8495\text{E-}005 * x + 4.0026\text{E-}004$$

$$R = 0.9999$$

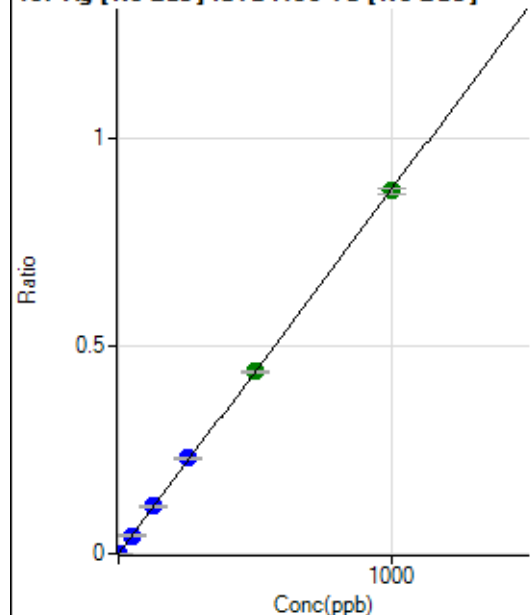
$$DL = 3.283$$

$$BEC = 21.64$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	26.7
2	☐	1.000	1.049	3711.71	0.0009	P	3.7
3	☐	50.000	49.665	181418.15	0.0435	P	2.4
4	☐	125.000	129.846	453497.27	0.1137	P	2.0
5	☐	250.000	263.274	931718.68	0.2306	P	1.7
6	☐	500.000	499.772	1780889.15	0.4377	A	1.3
7	☐	1000.000	996.207	3555452.38	0.8725	A	1.7
8	☐			1144.53	0.0003	P	9.0

$$y = 8.7582\text{E-}004 * x + 1.6872\text{E-}005$$

$$R = 0.9999$$

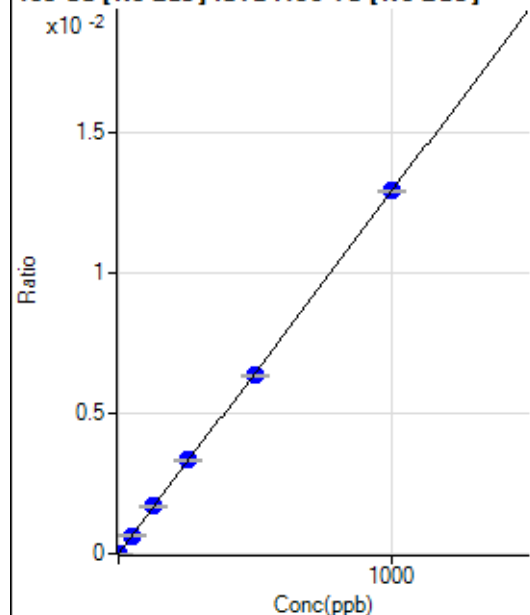
$$DL = 0.01544$$

$$BEC = 0.01926$$

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	16.67	0.0000	P	90.6
2	☐	1.000	1.249	80.56	0.0000	P	38.2
3	☐	50.000	49.092	2653.07	0.0006	P	5.6
4	☐	125.000	130.161	6701.71	0.0017	P	3.9
5	☐	250.000	258.711	13484.51	0.0033	P	1.8
6	☐	500.000	491.327	25770.02	0.0063	P	1.2
7	☐	1000.000	1001.558	52601.17	0.0129	P	0.8
8	☐			55.55	0.0000	P	36.3

$$y = 1.2883\text{E-}005 * x + 4.2688\text{E-}006$$

$$R = 0.9999$$

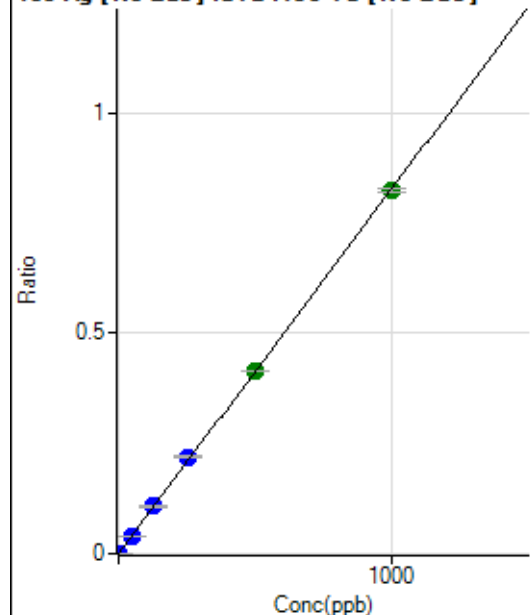
$$DL = 0.9009$$

$$BEC = 0.3313$$

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	22.22	0.0000	P	21.1
2	☐	1.000	1.032	3408.85	0.0009	P	4.6
3	☐	50.000	49.424	170388.35	0.0409	P	2.2
4	☐	125.000	129.694	427634.23	0.1072	P	1.1
5	☐	250.000	264.926	885005.00	0.2191	P	2.1
6	☐	500.000	500.941	1685150.95	0.4142	A	0.7
7	☐	1000.000	995.240	3353382.93	0.8229	A	1.1
8	☐			1175.09	0.0003	P	2.7

$$y = 8.2682\text{E-}004 * x + 5.6060\text{E-}006$$

$$R = 0.9999$$

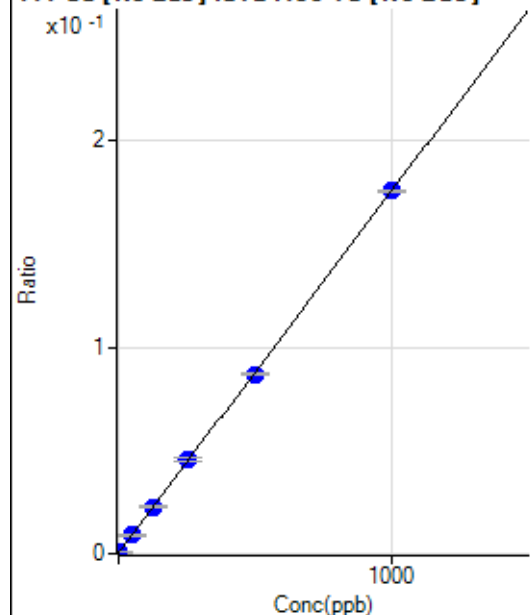
$$DL = 0.004283$$

$$BEC = 0.00678$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1105.10	0.0003	P	4.4
2	☐	1.000	1.308	2019.07	0.0005	P	2.0
3	☐	50.000	48.977	36993.61	0.0089	P	1.8
4	☐	125.000	127.440	90250.47	0.0226	P	3.4
5	☐	250.000	258.641	184456.51	0.0457	P	2.3
6	☐	500.000	494.760	354308.61	0.0871	P	1.3
7	☐	1000.000	1000.206	716292.59	0.1758	P	0.7
8	☐			1315.38	0.0003	P	9.9

$$y = 1.7545\text{E-}004 * x + 2.7929\text{E-}004$$

$$R = 0.9999$$

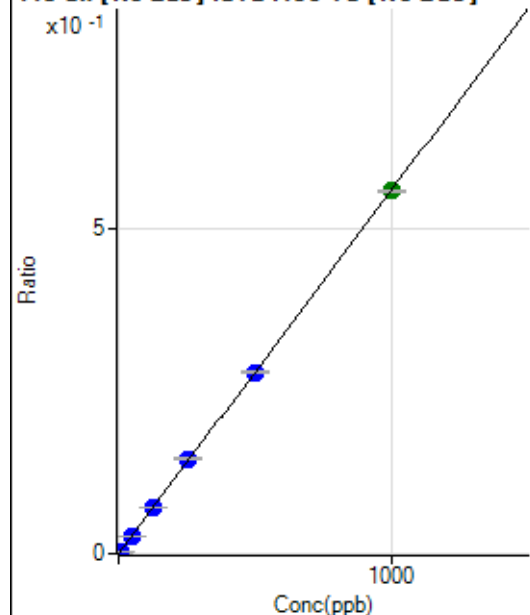
$$DL = 0.2096$$

$$BEC = 1.592$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.49	0.0001	P	64.8
2	☐	5.000	4.826	11026.97	0.0028	P	2.9
3	☐	50.000	48.173	112714.32	0.0270	P	1.0
4	☐	125.000	127.105	283864.71	0.0712	P	1.7
5	☐	250.000	260.121	588361.50	0.1456	P	1.4
6	☐	500.000	498.468	1134974.24	0.2790	P	1.2
7	☐	1000.000	998.065	2276038.94	0.5585	A	0.3
8	☐			775.05	0.0002	P	5.5

$$y = 5.5948\text{E-}004 * x + 7.8654\text{E-}005$$

$$R = 0.9999$$

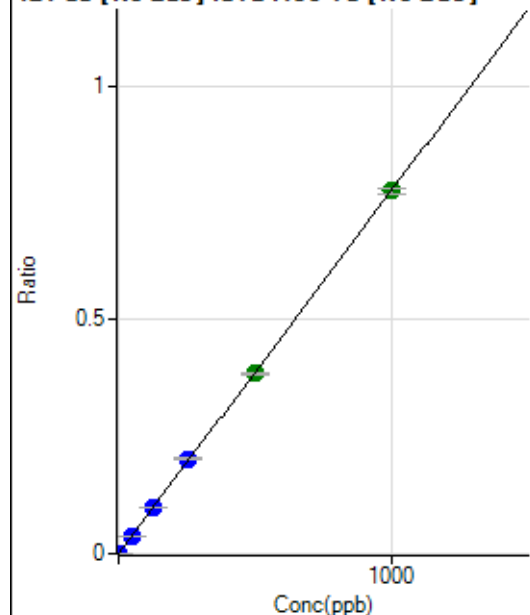
$$DL = 0.2732$$

$$BEC = 0.1406$$

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	47.23	0.0000	P	40.2
2	☐	2.000	2.018	6268.27	0.0016	P	0.3
3	☐	50.000	48.153	156019.07	0.0374	P	1.8
4	☐	125.000	128.972	399624.00	0.1002	P	0.8
5	☐	250.000	260.961	819103.02	0.2028	P	2.4
6	☐	500.000	495.424	1565966.78	0.3849	A	1.2
7	☐	1000.000	999.144	3163266.96	0.7762	A	1.3
8	☐			2161.34	0.0005	P	7.7

$$y = 7.7689E-004 * x + 1.1895E-005$$

$$R = 0.9999$$

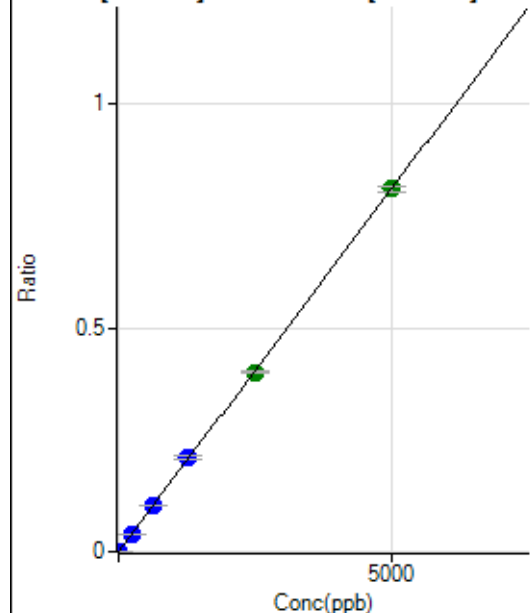
$$DL = 0.01848$$

$$BEC = 0.01531$$

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	30.56	0.0000	P	59.6
2	☐	10.000	9.803	6335.00	0.0016	P	4.6
3	☐	250.000	241.201	163048.32	0.0391	P	1.7
4	☐	625.000	636.765	411679.35	0.1032	P	0.8
5	☐	1250.000	1293.836	847214.83	0.2097	P	2.9
6	☐	2500.000	2475.180	1632360.10	0.4012	A	1.0
7	☐	5000.000	5000.421	3302858.93	0.8105	A	1.9
8	☐			872.28	0.0002	P	3.1

$$y = 1.6209E-004 * x + 7.7784E-006$$

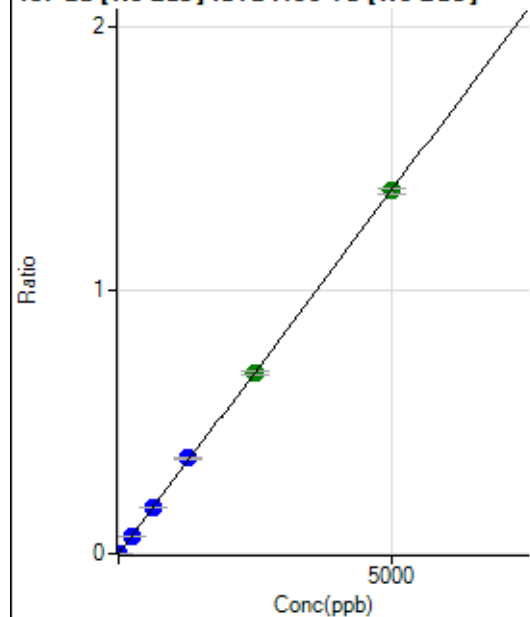
$$R = 0.9999$$

$$DL = 0.08579$$

$$BEC = 0.04799$$

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	52.78	0.0000	P	32.0
2	☐	10.000	9.900	10874.12	0.0027	P	3.4
3	☐	250.000	244.208	280519.08	0.0673	P	1.9
4	☐	625.000	641.343	704517.33	0.1767	P	1.7
5	☐	1250.000	1312.133	1460386.46	0.3615	P	2.0
6	☐	2500.000	2481.925	2781780.21	0.6837	A	2.0
7	☐	5000.000	4991.751	5603548.26	1.3751	A	1.3
8	☐			1589.03	0.0004	P	3.5

$$y = 2.7547E-004 * x + 1.3281E-005$$

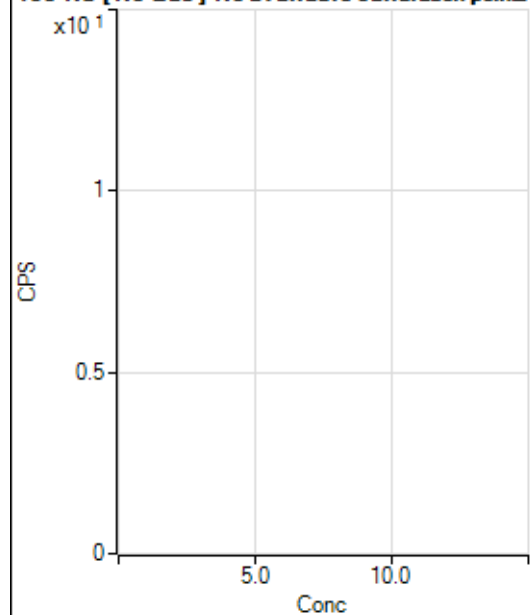
$$R = 0.9999$$

$$DL = 0.04633$$

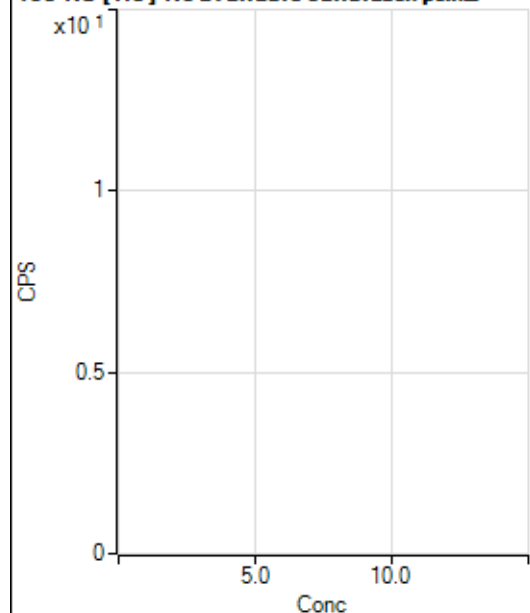
$$BEC = 0.04821$$

Weight: <None>

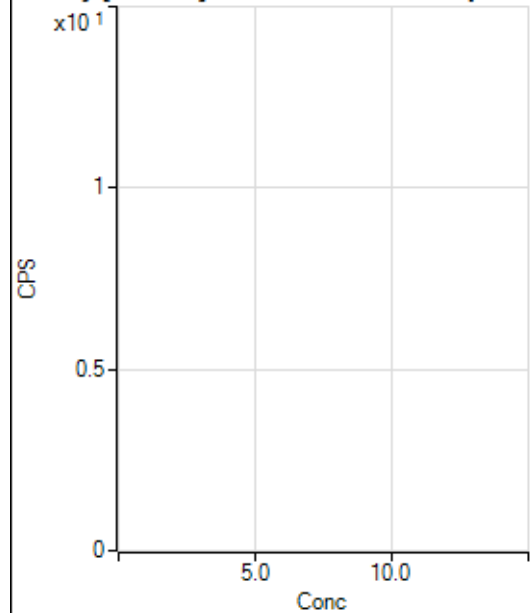
Min Conc: 0

150 Nd [No Gas] No available calibration points

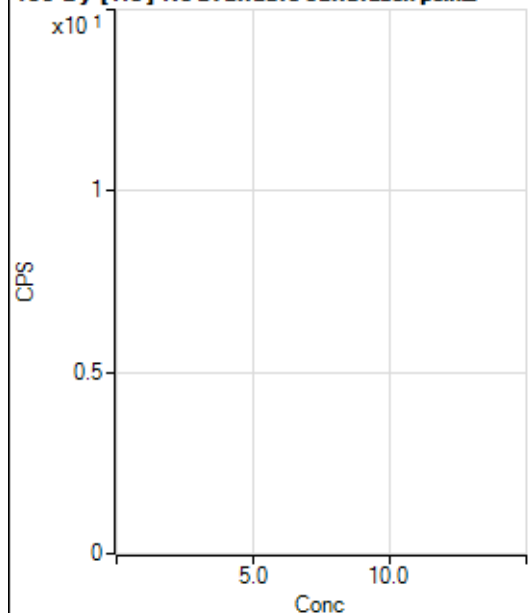
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17.78		P	21.7
2	☐			4.44		P	173.2
3	☐			11.11		P	69.3
4	☐			26.67		P	50.0
5	☐			40.00		P	28.9
6	☐			66.67		P	36.1
7	☐			171.12		P	29.2
8	☐			15.55		P	24.8

150 Nd [He] No available calibration points

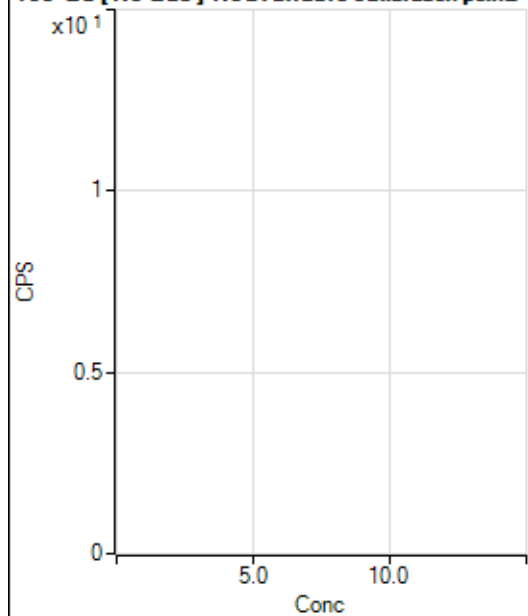
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			4.44		P	114.6
6	☐			13.33		P	43.3
7	☐			25.56		P	54.3
8	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

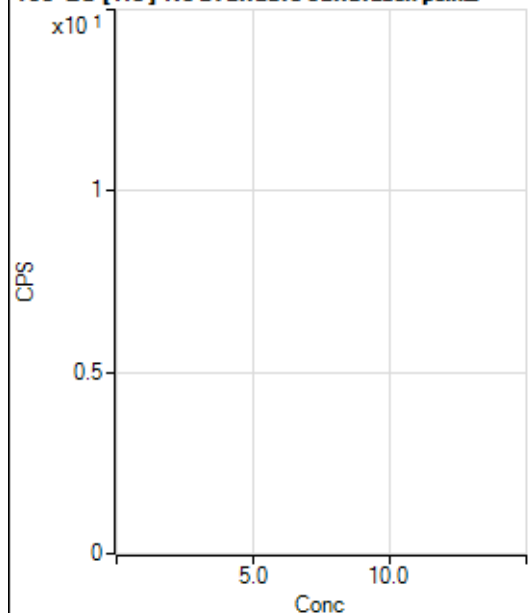
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐			22.22		P	21.6
3	☐			16.67		P	50.0
4	☐			19.44		P	49.5
5	☐			58.34		P	14.3
6	☐			47.22		P	66.8
7	☐			86.12		P	24.4
8	☐			694.48		P	2.5

156 Dy [He] No available calibration points

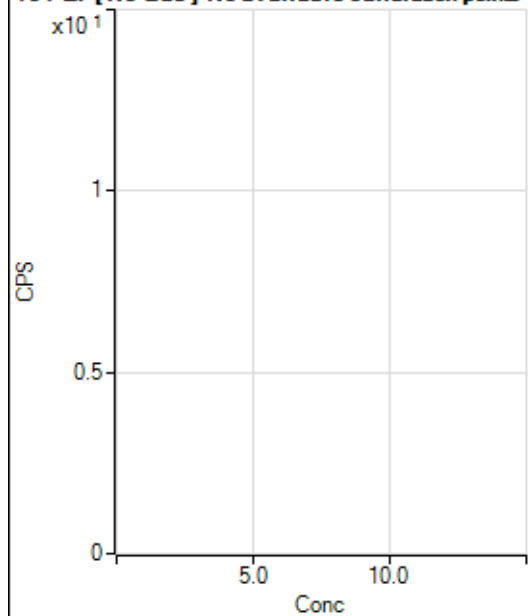
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.2
2	☐			3.33		P	100.1
3	☐			5.56		P	34.7
4	☐			7.78		P	65.5
5	☐			13.33		P	66.1
6	☐			4.45		P	86.6
7	☐			27.78		P	59.2
8	☐			402.23		P	8.9

160 Gd [No Gas] Noavailable calibration poin_

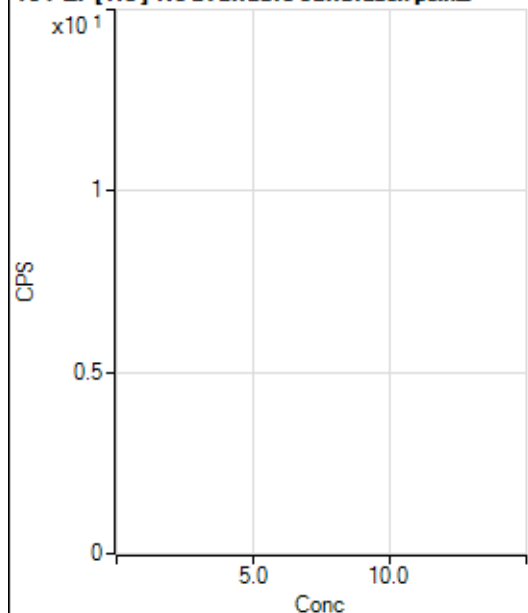
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐			33.33		P	90.1
3	☐			27.78		P	45.8
4	☐			38.89		P	61.9
5	☐			55.56		P	17.3
6	☐			52.78		P	32.9
7	☐			80.56		P	43.1
8	☐			744.49		P	4.2

160 Gd [He] No available calibration points

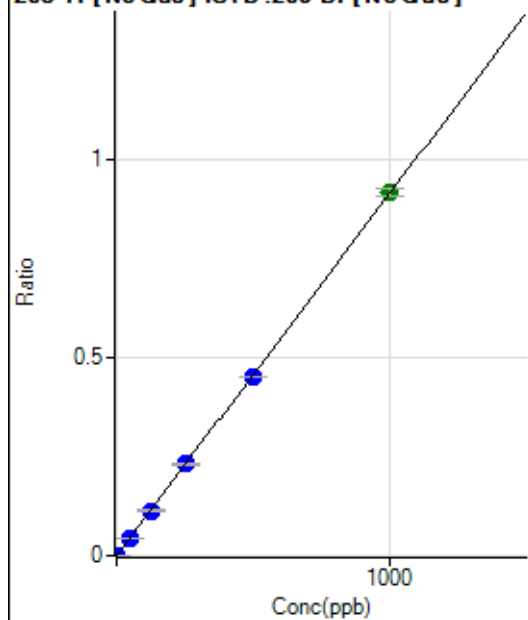
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			6.66		P	86.6
3	☐			13.33		P	NaN
4	☐			11.11		P	62.5
5	☐			10.00		P	57.7
6	☐			23.33		P	28.6
7	☐			34.45		P	31.1
8	☐			437.79		P	3.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐			11.11		P	86.6
3	☐			33.33		P	66.2
4	☐			19.44		P	49.5
5	☐			30.56		P	31.5
6	☐			22.22		P	21.6
7	☐			44.45		P	65.8
8	☐			111.12		P	34.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			12.22		P	15.7
2	☐			5.56		P	91.6
3	☐			8.89		P	94.4
4	☐			10.00		P	57.7
5	☐			16.67		P	34.6
6	☐			8.89		P	78.1
7	☐			24.44		P	20.8
8	☐			62.22		P	32.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0000	P	45.5
2	☐	1.000	0.940	1852.97	0.0009	P	8.4
3	☐	50.000	47.215	93807.59	0.0432	P	2.1
4	☐	125.000	124.324	236579.02	0.1137	P	1.1
5	☐	250.000	253.115	489867.35	0.2315	P	1.5
6	☐	500.000	493.459	936182.35	0.4514	P	0.7
7	☐	1000.000	1002.715	1891454.95	0.9172	A	2.1
8	☐			1175.10	0.0006	P	2.2

$$y = 9.1465E-004 * x + 3.5383E-005$$

$$R = 1.0000$$

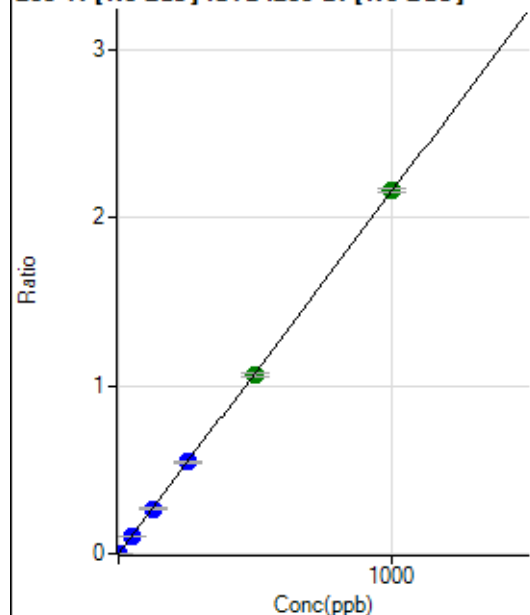
$$DL = 0.05278$$

$$BEC = 0.03868$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0001	P	33.5
2	☐	1.000	0.944	4428.65	0.0021	P	2.7
3	☐	50.000	47.186	220904.29	0.1018	P	3.4
4	☐	125.000	124.312	557519.97	0.2681	P	0.9
5	☐	250.000	252.609	1152143.17	0.5446	P	1.6
6	☐	500.000	494.743	2212136.22	1.0665	A	1.5
7	☐	1000.000	1002.203	4455025.40	2.1603	A	1.1
8	☐			2953.20	0.0015	P	4.4

$$y = 0.0022 * x + 1.0480E-004$$

$$R = 1.0000$$

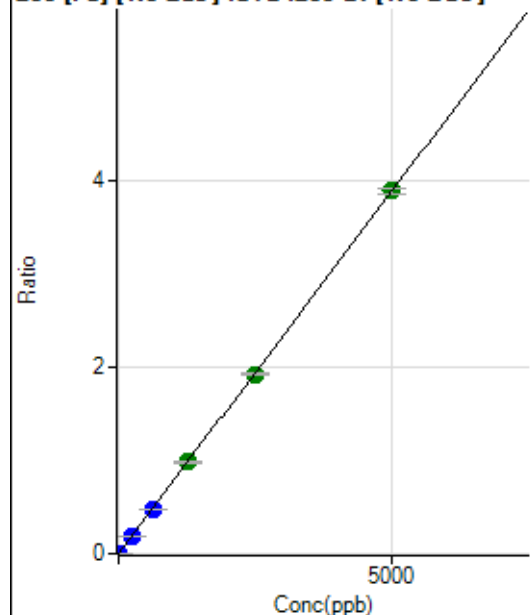
$$DL = 0.04888$$

$$BEC = 0.04862$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	181.49	0.0001	P	30.1
2	☐	1.000	0.910	1644.58	0.0008	P	3.7
3	☐	250.000	233.067	392493.05	0.1809	P	3.1
4	☐	625.000	615.207	992623.09	0.4773	P	1.8
5	☐	1250.000	1262.134	2071598.72	0.9791	A	0.6
6	☐	2500.000	2478.337	3987584.17	1.9226	A	0.9
7	☐	5000.000	5009.869	8014199.95	3.8863	A	1.6
8	☐			9016.24	0.0045	P	0.9

$$y = 7.7571E-004 * x + 8.8964E-005$$

$$R = 1.0000$$

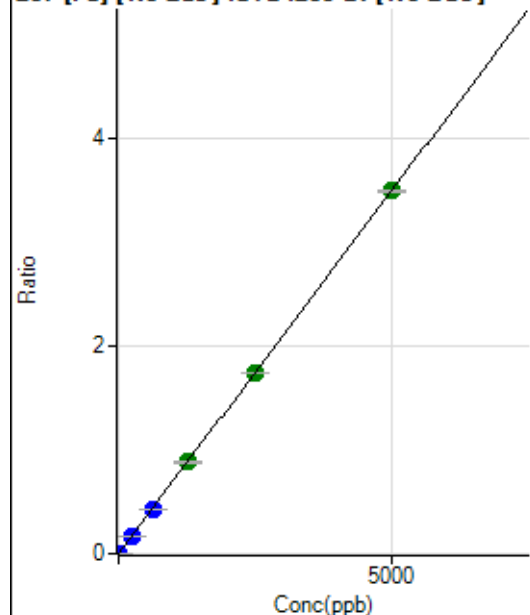
$$DL = 0.1037$$

$$BEC = 0.1147$$

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	140.74	0.0001	P	15.8
2	☐	1.000	1.106	1744.99	0.0008	P	26.2
3	☐	250.000	233.530	353710.05	0.1630	P	3.6
4	☐	625.000	614.050	891349.85	0.4286	P	1.0
5	☐	1250.000	1261.350	1862423.10	0.8803	A	0.4
6	☐	2500.000	2497.743	3615285.90	1.7431	A	0.5
7	☐	5000.000	5000.483	7196411.96	3.4895	A	0.7
8	☐			7985.95	0.0040	P	4.5

$$y = 6.9783E-004 * x + 6.8934E-005$$

$$R = 1.0000$$

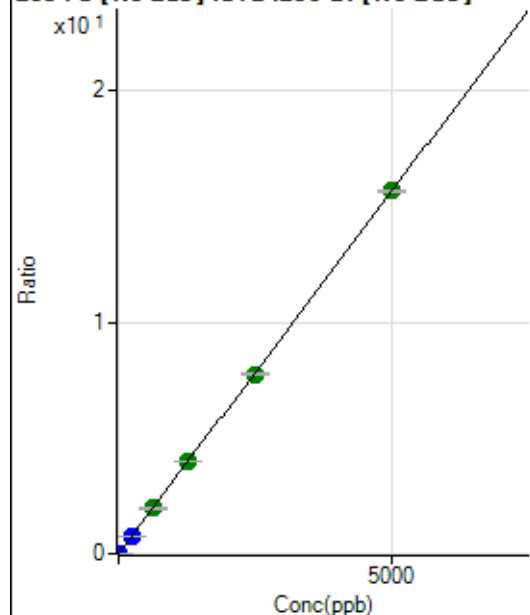
$$DL = 0.04693$$

$$BEC = 0.09878$$

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	698.17	0.0003	P	10.1
2	☐	1.000	0.940	6788.23	0.0033	P	7.2
3	☐	250.000	234.411	1591030.69	0.7333	P	3.2
4	☐	625.000	626.144	4072280.92	1.9581	A	1.4
5	☐	1250.000	1265.620	8372990.29	3.9575	A	0.5
6	☐	2500.000	2476.076	16057923.04	7.7422	A	0.8
7	☐	5000.000	5008.693	32297755.69	15.6607	A	0.3
8	☐			36196.98	0.0181	P	1.4

$$y = 0.0031 * x + 3.4133E-004$$

$$R = 1.0000$$

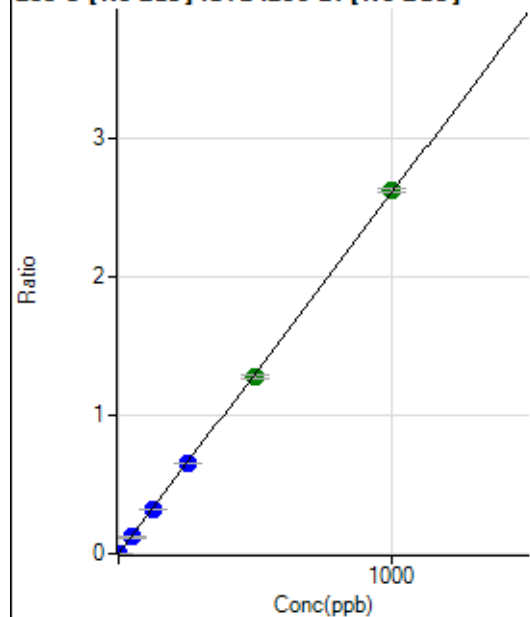
$$DL = 0.03307$$

$$BEC = 0.1092$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	124.6
2	☐	1.000	0.985	5315.42	0.0026	P	4.7
3	☐	50.000	46.089	260136.18	0.1199	P	3.7
4	☐	125.000	122.504	662899.76	0.3187	P	0.3
5	☐	250.000	250.057	1376335.36	0.6505	P	0.9
6	☐	500.000	490.422	2645966.40	1.2758	A	1.3
7	☐	1000.000	1005.282	5393010.49	2.6152	A	1.0
8	☐			961.26	0.0005	P	27.3

$$y = 0.0026 * x + 6.9233E-006$$

$$R = 0.9999$$

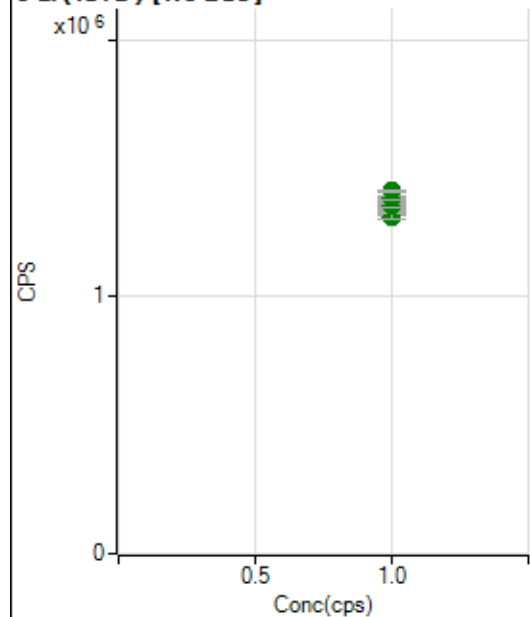
$$DL = 0.00995$$

$$BEC = 0.002661$$

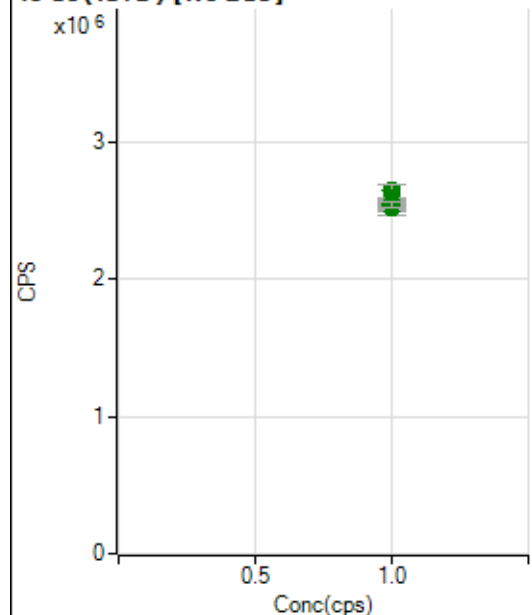
Weight: <None>

Min Conc: 0

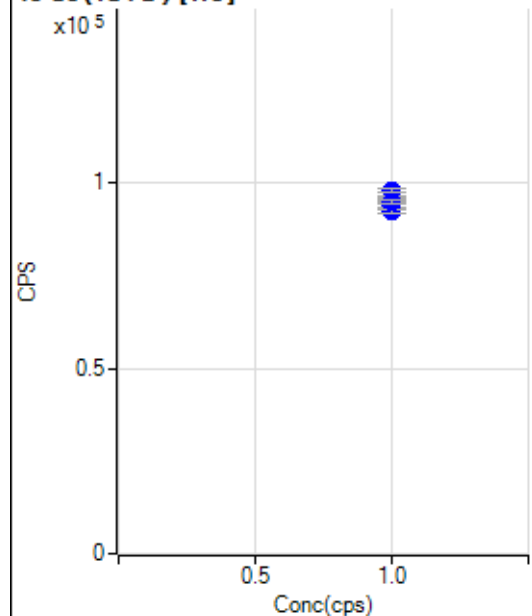
6 Li (ISTD) [No Gas]



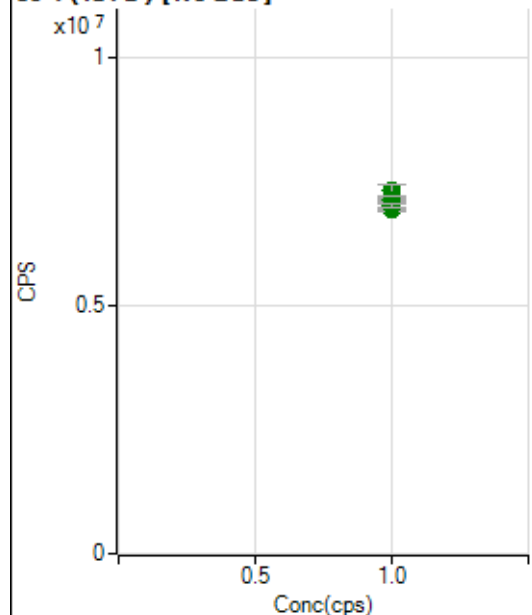
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1332237.61		A	2.0
2	☐	1.000		1334709.68		A	0.4
3	☐	1.000		1367748.53		A	1.8
4	☐	1.000		1312498.27		A	2.1
5	☐	1.000		1356369.93		A	1.3
6	☐	1.000		1352346.76		A	1.0
7	☐	1.000		1384050.78		A	0.9
8	☐	1.000		1410988.03		A	0.7

45 Sc (ISTD) [No Gas]

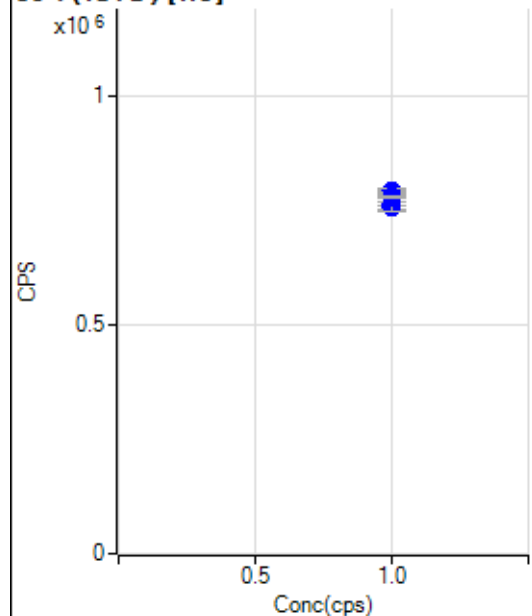
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2513814.84		A	3.6
2	☐	1.000		2522727.79		A	2.2
3	☐	1.000		2640943.57		A	4.0
4	☐	1.000		2522765.15		A	1.1
5	☐	1.000		2561580.85		A	1.3
6	☐	1.000		2539923.76		A	3.0
7	☐	1.000		2584166.56		A	0.7
8	☐	1.000		2543162.32		A	1.4

45 Sc (ISTD) [He]

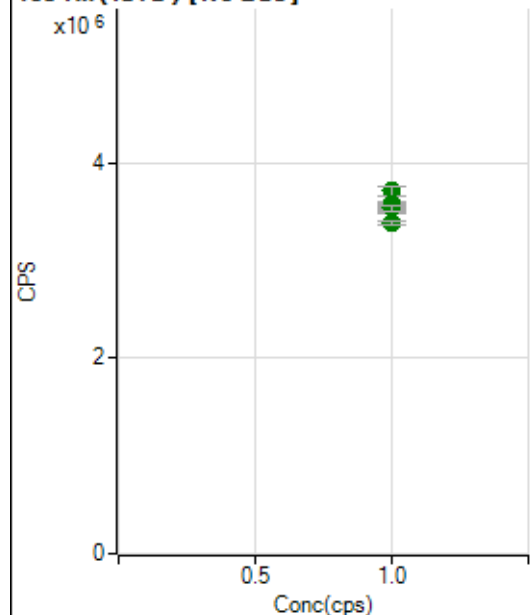
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		93490.16		P	0.4
2	☐	1.000		93990.66		P	1.6
3	☐	1.000		92646.11		P	1.1
4	☐	1.000		96162.23		P	0.7
5	☐	1.000		96608.41		P	1.7
6	☐	1.000		95774.04		P	1.4
7	☐	1.000		97977.72		P	1.2
8	☐	1.000		95131.15		P	1.0

89 Y (ISTD) [No Gas]

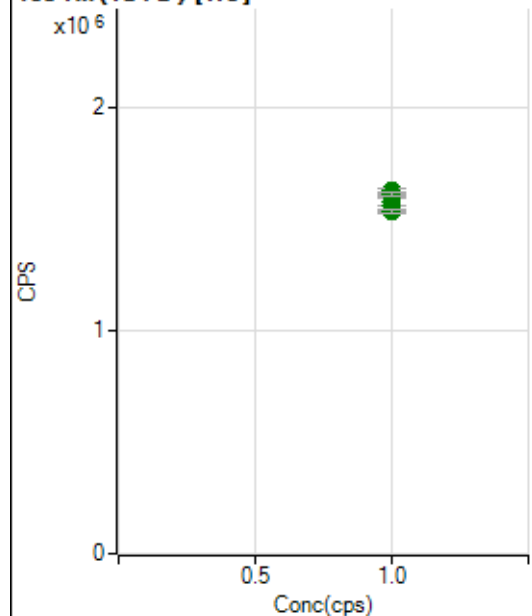
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7028222.12		A	2.9
2	☐	1.000		7001807.60		A	2.2
3	☐	1.000		7323355.03		A	3.3
4	☐	1.000		6942336.84		A	1.3
5	☐	1.000		7114173.02		A	1.5
6	☐	1.000		7010473.51		A	1.2
7	☐	1.000		7152851.35		A	1.8
8	☐	1.000		7015162.88		A	1.0

89 Y (ISTD) [He]

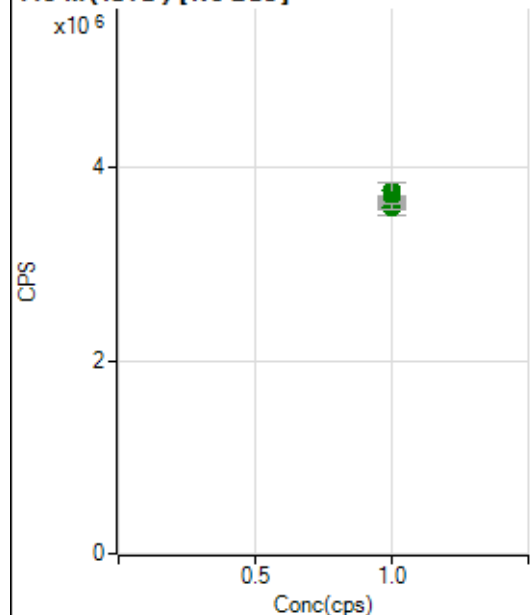
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		765220.90		P	0.8
2	☐	1.000		757943.39		P	1.3
3	☐	1.000		759688.14		P	2.9
4	☐	1.000		779926.59		P	0.6
5	☐	1.000		786370.46		P	1.9
6	☐	1.000		784411.13		P	1.0
7	☐	1.000		793310.20		P	1.0
8	☐	1.000		780997.19		P	0.3

103 Rh (ISTD) [No Gas]

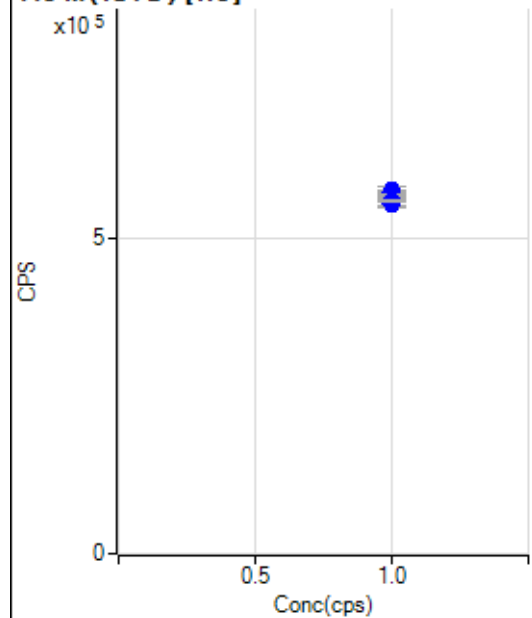
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3534435.37		A	3.2
2	☐	1.000		3577339.53		A	1.5
3	☐	1.000		3711051.47		A	2.3
4	☐	1.000		3542592.53		A	0.8
5	☐	1.000		3576396.13		A	0.6
6	☐	1.000		3531012.01		A	1.0
7	☐	1.000		3537118.61		A	1.5
8	☐	1.000		3388572.43		A	1.4

103 Rh (ISTD) [He]

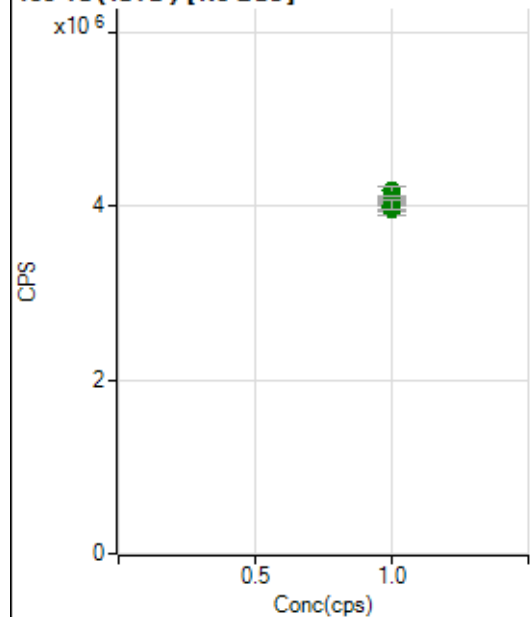
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1600095.45		A	0.5
2	☐	1.000		1580869.47		A	2.0
3	☐	1.000		1565058.57		A	3.5
4	☐	1.000		1617819.94		A	0.2
5	☐	1.000		1618199.32		A	2.8
6	☐	1.000		1627209.92		A	1.1
7	☐	1.000		1613541.73		A	0.7
8	☐	1.000		1536058.45		A	0.9

115 In (ISTD) [No Gas]

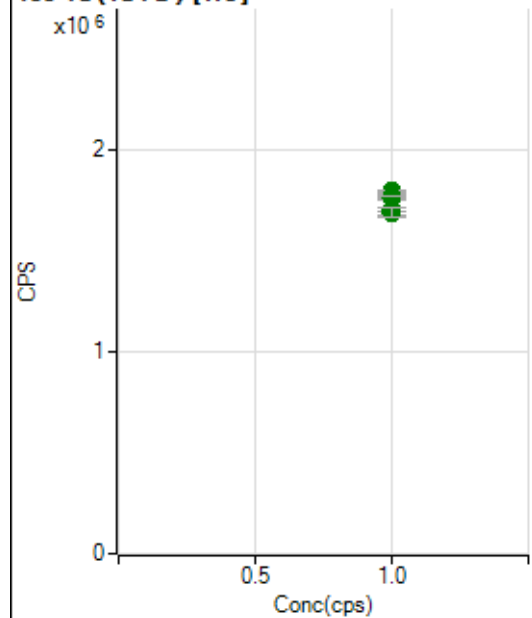
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3608693.58		A	5.5
2	☐	1.000		3602360.16		A	0.5
3	☐	1.000		3762207.95		A	4.4
4	☐	1.000		3610395.55		A	1.2
5	☐	1.000		3676901.62		A	0.0
6	☐	1.000		3646694.21		A	1.0
7	☐	1.000		3629905.31		A	0.6
8	☐	1.000		3598257.31		A	1.6

115 In (ISTD) [He]

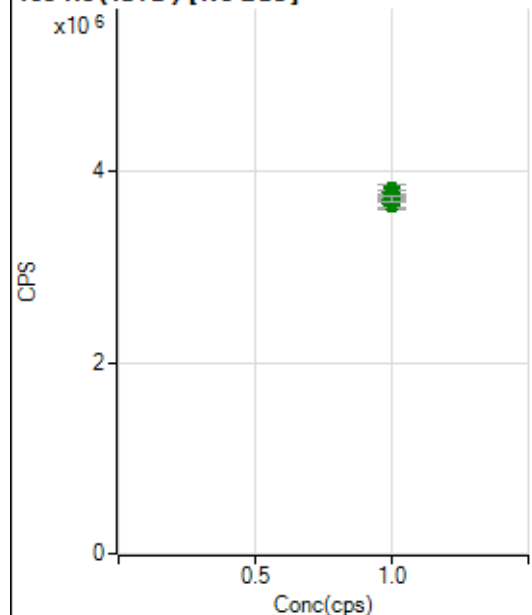
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		565452.07		P	0.3
2	☐	1.000		557748.97		P	1.5
3	☐	1.000		558630.14		P	2.9
4	☐	1.000		574819.86		P	0.1
5	☐	1.000		576759.26		P	2.3
6	☐	1.000		575178.77		P	0.9
7	☐	1.000		570633.86		P	0.6
8	☐	1.000		560458.49		P	0.9

159 Tb (ISTD) [No Gas]

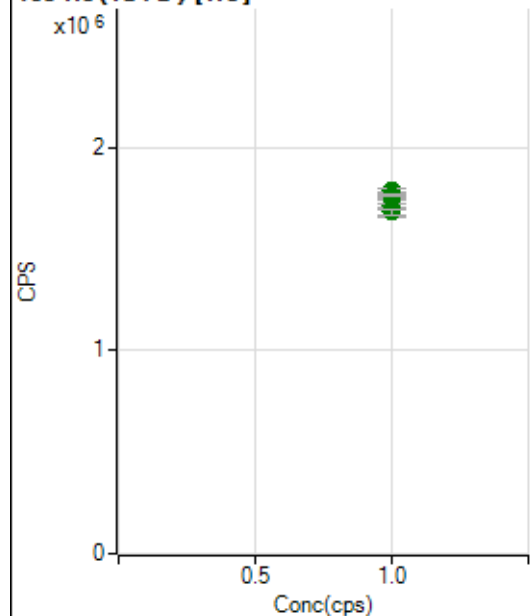
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3961580.74		A	4.1
2	☐	1.000		3968627.96		A	1.2
3	☐	1.000		4170602.89		A	2.7
4	☐	1.000		3988206.99		A	2.0
5	☐	1.000		4041501.81		A	2.4
6	☐	1.000		4068550.46		A	0.4
7	☐	1.000		4075537.40		A	1.3
8	☐	1.000		4009240.15		A	2.4

159 Tb (ISTD) [He]

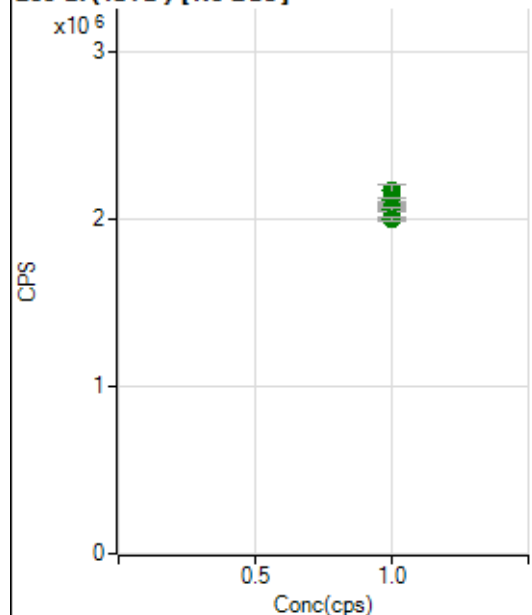
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1703520.53		A	0.9
2	☐	1.000		1686629.32		A	1.4
3	☐	1.000		1691502.81		A	2.4
4	☐	1.000		1767194.92		A	1.3
5	☐	1.000		1776160.84		A	2.0
6	☐	1.000		1766006.82		A	1.2
7	☐	1.000		1797444.66		A	0.4
8	☐	1.000		1774963.43		A	0.1

165 Ho (ISTD) [No Gas]

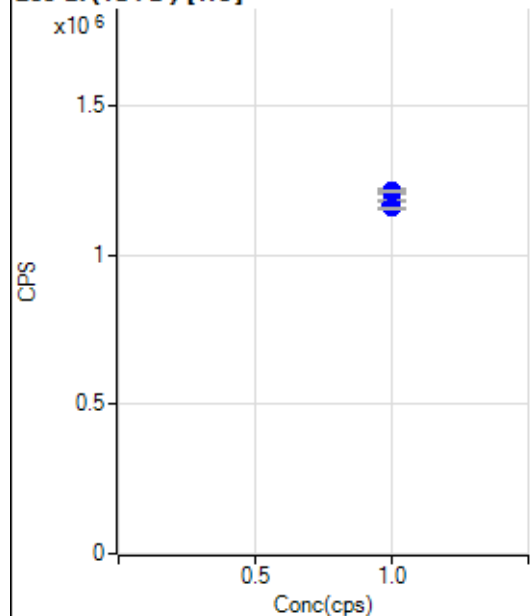
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3658255.38		A	3.1
2	☐	1.000		3658459.11		A	1.7
3	☐	1.000		3800582.46		A	3.4
4	☐	1.000		3658722.74		A	1.6
5	☐	1.000		3790725.69		A	0.9
6	☐	1.000		3735503.73		A	0.8
7	☐	1.000		3740902.55		A	0.5
8	☐	1.000		3714591.83		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1708481.75		A	1.5
2	☐	1.000		1678932.34		A	2.3
3	☐	1.000		1680924.84		A	1.8
4	☐	1.000		1750039.21		A	0.2
5	☐	1.000		1758169.33		A	1.8
6	☐	1.000		1763366.28		A	0.8
7	☐	1.000		1784096.49		A	1.0
8	☐	1.000		1763602.23		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2050677.09		A	4.2
2	☐	1.000		2070053.60		A	2.1
3	☐	1.000		2171688.34		A	4.0
4	☐	1.000		2080133.82		A	2.4
5	☐	1.000		2115790.80		A	0.8
6	☐	1.000		2074099.90		A	0.8
7	☐	1.000		2062368.61		A	1.1
8	☐	1.000		2001207.49		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1185573.90		P	0.5
2	☐	1.000		1165134.87		P	2.0
3	☐	1.000		1174574.69		P	2.5
4	☐	1.000		1209485.96		P	0.5
5	☐	1.000		1215093.80		P	1.5
6	☐	1.000		1214335.92		P	0.8
7	☐	1.000		1216123.83		P	0.5
8	☐	1.000		1157406.30		P	0.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8122420IMS.b
Acq. Date-Time 2020-12-24 14:02:07
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		2324	23235.36			0.538	5.000
24		28323	283225.18			0.763	5.000
25		3758	37583.64			1.192	5.000
26		4324	43235.97			0.615	5.000
59		4903	49030.72			0.532	5.000
113		2251	22509.26			0.924	5.000
115		7841	78412.35			1.601	5.000
206		2331	23311.02			0.868	5.000
207		1956	19560.79			0.712	5.000
208		4757	47569.54			0.732	5.000
220		1	9.40			29.711	

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

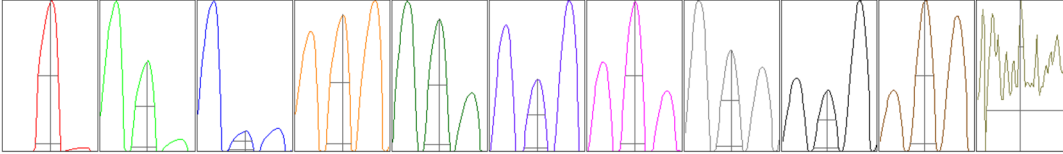
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2336	2326	2334	2313	2309
24	28529	28355	28295	27972	28461
25	3785	3763	3759	3684	3801
26	4364	4311	4313	4295	4335
59	4924	4910	4904	4859	4918
113	2237	2256	2273	2223	2267
115	8012	7876	7884	7705	7730
206	2323	2309	2343	2320	2360
207	1972	1933	1957	1959	1960
208	4758	4705	4788	4744	4790

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4005.70	9.05	8.90 - 9.10	
24	49464.82	24.00	23.90 - 24.10	
25	6564.67	25.05	24.90 - 25.10	
26	7496.08	26.05	25.90 - 26.10	
59	8952.14	59.00	58.90 - 59.10	
113	4266.62	113.05	112.90 - 113.10	
115	15014.56	115.05	114.90 - 115.10	
206	4303.78	206.00	205.90 - 206.10	
207	3566.56	206.95	206.90 - 207.10	
208	8840.62	207.95	207.90 - 208.10	
220	1.75	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.787	0.900	
24	0.61	0.788	0.900	
25	0.60	0.787	0.900	
26	0.62	0.786	0.900	
59	0.57	0.813	0.900	
113	0.55	0.737	0.900	
115	0.54	0.772	0.900	
206	0.56	0.823	0.900	
207	0.56	0.788	0.900	
208	0.56	0.808	0.900	
220	0.14	2.640		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 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	10.1 V	Deflect	15.0 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		1133	11330.16			1.559	
89		36926	369257.98			1.960	
205		2014	20142.47			2.395	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	1143	1154	1114	1115	1139
89	37021	37340	36930	35725	37613
205	2057	2046	2009	1935	2024

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 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	10.1 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:46:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.17	0.42	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Barium	137-1	0.00	-0.02	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.48	-0.19	-0.28	0.00	N/A	ppb
Boron	11-1	0.19	-0.05	-0.14	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.06	0.02	0.00	N/A	ppb
Cadmium	106-1	-1.21	0.91	0.30	0.00	N/A	ppb
Cadmium	108-1	-0.25	-0.08	0.33	0.00	N/A	ppb
Calcium	43-1	-1.17	-2.71	3.89	0.00	N/A	ppb
Calcium	44-1	-3.55	-1.02	4.57	0.00	N/A	ppb
Chromium	52-2	-0.03	0.05	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.04	0.04	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.04	0.09	-0.13	0.00	N/A	ppb
Iron	56-2	0.16	-0.07	-0.10	0.00	N/A	ppb
Iron	57-2	-0.66	1.01	-0.35	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	-0.02	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:46:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.13	-0.49	0.37	0.00	N/A	ppb
Manganese	55-2	-0.05	0.00	0.05	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Phosphorus	31-2	40.93	-0.72	-38.47	0.58	6834.06	ppb
Potassium	39-2	19.01	-6.26	-12.75	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.96	1.18	-0.22	0.00	N/A	ppb
Selenium	77-2	-0.77	-0.76	1.52	0.00	N/A	ppb
Selenium	78-2	0.40	1.22	-1.63	0.00	N/A	ppb
Silicon	28-1	-28.88	13.75	15.13	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	0.76	2.90	-3.66	0.00	N/A	ppb
Strontium	86-1	-0.41	0.16	0.25	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-2054.42	244.62	1146.91	-220.96		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Tin	118-1	-0.04	0.10	-0.06	0.00	N/A	ppb
Titanium	47-1	0.07	-0.05	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:46:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.19	0.16	-0.35	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.03	0.02	0.01	0.00	N/A	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:49:22	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.14	19.37	19.94	18.82	7.85	ppb
Antimony	121-1	2.01	2.02	2.02	2.02	0.31	ppb
Arsenic	75-2	0.91	0.93	0.99	0.94	4.46	ppb
Barium	135-1	9.29	10.12	10.00	9.80	4.60	ppb
Barium	137-1	9.91	9.56	10.23	9.90	3.40	ppb
Beryllium	9-1	1.04	1.06	1.01	1.04	2.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	21.55	23.02	23.40	22.66	4.32	ppb
Boron	11-1	20.17	22.99	23.61	22.26	8.23	ppb
Bromine	81-1						cps
Cadmium	111-1	1.25	1.32	1.36	1.31	4.47	ppb
Cadmium	106-1	2.37	-1.53	5.58	2.14	166.44	ppb
Cadmium	108-1	0.55	1.54	1.65	1.25	48.33	ppb
Calcium	43-1	433.93	483.87	465.12	460.97	5.47	ppb
Calcium	44-1	441.90	476.51	469.96	462.79	3.97	ppb
Chromium	52-2	1.95	2.01	1.96	1.97	1.80	ppb
Cobalt	59-2	0.89	0.97	1.00	0.95	5.46	ppb
Copper	63-2	2.26	2.07	2.08	2.14	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	47.80	43.03	50.31	47.05	7.86	ppb
Iron	56-2	48.17	47.54	48.17	47.96	0.76	ppb
Iron	57-2	52.69	44.04	47.86	48.20	9.00	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.90	0.95	0.91	4.14	ppb
Lead	207-1	0.85	1.46	1.01	1.11	28.53	ppb
Lead	208-1	0.85	0.99	0.97	0.94	8.07	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:49:22	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	470.03	483.10	490.88	481.34	2.19	ppb
Manganese	55-2	0.89	1.04	1.00	0.98	8.09	ppb
Molybdenum	94-1	5.17	4.90	5.07	5.05	2.70	ppb
Molybdenum	95-1	5.09	5.18	4.88	5.05	3.05	ppb
Molybdenum	96-1	5.06	4.84	5.01	4.97	2.30	ppb
Molybdenum	97-1	4.99	5.06	5.34	5.13	3.60	ppb
Molybdenum	98-1	4.71	5.05	5.14	4.97	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.02	1.14	1.08	5.44	ppb
Phosphorus	31-2	-27.82	31.25	-5.17	-0.58		ppb
Potassium	39-2	459.76	441.61	480.73	460.70	4.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	6.07	1.54	4.71	4.11	56.58	ppb
Selenium	77-2	12.63	5.98	3.87	7.49	61.02	ppb
Selenium	78-2	5.96	6.02	3.70	5.22	25.30	ppb
Silicon	28-1	-7.07	8.41	30.03	10.46	178.24	ppb
Silver	109-1	0.98	1.03	1.08	1.03	4.62	ppb
Silver	107-1	1.03	1.09	1.02	1.05	3.79	ppb
Sodium	23-2	406.52	401.14	407.70	405.12	0.86	ppb
Strontium	86-1	0.85	1.06	1.13	1.01	14.25	ppb
Strontium	88-1	0.95	1.05	1.00	1.00	4.92	ppb
Sulfur	34-1	-690.25	33.79	1319.36	220.96	460.62	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.85	1.02	0.95	0.94	8.75	ppb
Thallium	205-1	0.95	0.92	0.97	0.94	2.86	ppb
Tin	118-1	4.67	4.96	4.85	4.83	3.00	ppb
Titanium	47-1	4.54	5.90	4.94	5.13	13.64	ppb
Uranium	238-1	0.93	1.00	1.02	0.98	4.66	ppb
Vanadium	51-2	4.54	4.76	4.99	4.76	4.75	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:49:22	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2.01	1.39	1.36	1.59	23.03	ppb
Zirconium	90-1	0.97	1.13	1.06	1.05	7.95	ppb
Zirconium	91-1	0.86	0.92	0.90	0.89	3.41	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:52:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1025.82	990.52	993.59	1003.31	1.95	ppb
Antimony	121-1	49.11	47.40	47.95	48.15	1.81	ppb
Arsenic	75-2	53.22	49.97	50.72	51.31	3.31	ppb
Barium	135-1	243.94	236.43	243.23	241.20	1.72	ppb
Barium	137-1	249.15	239.82	243.65	244.21	1.92	ppb
Beryllium	9-1	52.10	50.49	49.99	50.86	2.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	44.08	48.96	53.35	48.80	9.50	ppb
Boron	11-1	46.21	48.41	51.97	48.86	5.95	ppb
Bromine	81-1						cps
Cadmium	111-1	49.53	47.94	49.46	48.98	1.84	ppb
Cadmium	106-1	51.52	47.74	46.34	48.53	5.52	ppb
Cadmium	108-1	52.26	47.64	47.38	49.09	5.59	ppb
Calcium	43-1	4651.43	4350.68	4402.25	4468.12	3.60	ppb
Calcium	44-1	4718.34	4375.04	4481.68	4525.02	3.88	ppb
Chromium	52-2	52.27	50.55	50.18	51.00	2.18	ppb
Cobalt	59-2	52.33	52.00	51.75	52.02	0.56	ppb
Copper	63-2	542.13	531.93	526.34	533.47	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	2632.58	2511.61	2497.26	2547.15	2.92	ppb
Iron	56-2	2606.71	2502.40	2530.38	2546.50	2.12	ppb
Iron	57-2	2594.25	2485.88	2524.57	2534.90	2.17	ppb
Krypton	83-1						cps
Lead	206-1	241.41	228.73	229.06	233.07	3.10	ppb
Lead	207-1	243.25	228.01	229.33	233.53	3.62	ppb
Lead	208-1	243.16	229.80	230.27	234.41	3.23	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:52:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	5353.19	5178.29	5151.60	5227.69	2.09	ppb
Manganese	55-2	529.05	516.74	511.94	519.24	1.70	ppb
Molybdenum	94-1	253.68	239.63	241.20	244.83	3.14	ppb
Molybdenum	95-1	250.82	233.90	243.61	242.78	3.50	ppb
Molybdenum	96-1	252.02	239.08	239.68	243.59	3.00	ppb
Molybdenum	97-1	249.98	237.26	239.92	242.39	2.77	ppb
Molybdenum	98-1	247.98	235.98	238.71	240.89	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.26	52.36	52.55	52.72	0.90	ppb
Phosphorus	31-2	1023.04	1001.47	1107.43	1043.98	5.36	ppb
Potassium	39-2	2625.18	2478.90	2544.81	2549.63	2.87	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	51.31	48.76	47.02	49.03	4.40	ppb
Selenium	77-2	45.82	32.50	58.65	45.66	28.64	ppb
Selenium	78-2	57.41	56.33	58.95	57.56	2.29	ppb
Silicon	28-1	69.64	1.38	16.64	29.22	122.61	ppb
Silver	109-1	50.64	48.63	49.00	49.42	2.16	ppb
Silver	107-1	50.44	48.30	50.26	49.66	2.39	ppb
Sodium	23-2	4453.66	4386.96	4344.95	4395.19	1.25	ppb
Strontium	86-1	50.61	46.74	46.80	48.05	4.62	ppb
Strontium	88-1	51.23	47.91	49.47	49.54	3.35	ppb
Sulfur	34-1	390.38	-3255.23	-1994.88	-1619.91		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	48.39	46.66	46.60	47.22	2.15	ppb
Thallium	205-1	49.04	46.19	46.33	47.19	3.40	ppb
Tin	118-1	48.59	47.64	48.29	48.17	1.01	ppb
Titanium	47-1	251.19	225.84	237.61	238.22	5.33	ppb
Uranium	238-1	48.06	45.18	45.03	46.09	3.70	ppb
Vanadium	51-2	52.53	50.99	50.26	51.26	2.26	ppb
Yttrium	89-1				104		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:52:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	540.84	526.81	518.71	528.79	2.12	ppb
Zirconium	90-1	50.03	47.40	47.61	48.35	3.02	ppb
Zirconium	91-1	48.36	46.13	46.45	46.98	2.56	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:55:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2437.90	2481.38	2432.07	2450.45	1.10	ppb
Antimony	121-1	130.17	128.08	128.67	128.97	0.84	ppb
Arsenic	75-2	125.98	124.21	125.48	125.23	0.73	ppb
Barium	135-1	638.25	630.94	641.11	636.77	0.82	ppb
Barium	137-1	653.67	632.69	637.67	641.34	1.71	ppb
Beryllium	9-1	134.58	132.38	130.39	132.45	1.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	118.57	128.41	138.42	128.47	7.73	ppb
Boron	11-1	116.23	129.65	134.96	126.95	7.60	ppb
Bromine	81-1						cps
Cadmium	111-1	132.51	124.83	124.98	127.44	3.44	ppb
Cadmium	106-1	138.45	122.30	126.02	128.92	6.56	ppb
Cadmium	108-1	133.69	132.44	124.35	130.16	3.90	ppb
Calcium	43-1	11804.77	11974.63	11860.92	11880.11	0.73	ppb
Calcium	44-1	12029.47	12013.84	11898.63	11980.65	0.60	ppb
Chromium	52-2	125.88	125.81	124.91	125.53	0.43	ppb
Cobalt	59-2	126.65	126.76	126.26	126.56	0.21	ppb
Copper	63-2	1298.61	1302.92	1295.65	1299.06	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	6225.39	6288.03	6212.54	6241.99	0.65	ppb
Iron	56-2	6189.98	6190.35	6189.69	6190.01	0.01	ppb
Iron	57-2	6146.02	6197.75	6166.13	6169.96	0.42	ppb
Krypton	83-1						cps
Lead	206-1	626.84	613.98	604.81	615.21	1.80	ppb
Lead	207-1	614.76	620.01	607.38	614.05	1.03	ppb
Lead	208-1	626.94	634.25	617.24	626.14	1.36	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 14:55:42 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	12687.24	12707.68	12646.35	12680.42	0.25	ppb
Manganese	55-2	1270.93	1275.32	1256.91	1267.72	0.76	ppb
Molybdenum	94-1	661.82	642.77	646.42	650.34	1.55	ppb
Molybdenum	95-1	648.13	643.21	650.63	647.32	0.58	ppb
Molybdenum	96-1	645.16	637.66	660.63	647.82	1.81	ppb
Molybdenum	97-1	641.26	629.86	639.04	636.72	0.95	ppb
Molybdenum	98-1	643.48	616.78	629.74	630.00	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.51	129.91	126.65	128.36	1.28	ppb
Phosphorus	31-2	2511.16	2448.70	2390.62	2450.16	2.46	ppb
Potassium	39-2	6139.75	6109.27	6133.95	6127.66	0.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	126.58	126.99	127.86	127.14	0.52	ppb
Selenium	77-2	131.21	145.85	114.50	130.52	12.02	ppb
Selenium	78-2	131.18	129.52	118.37	126.36	5.51	ppb
Silicon	28-1	147.22	148.46	148.64	148.11	0.52	ppb
Silver	109-1	131.40	128.79	128.89	129.69	1.14	ppb
Silver	107-1	132.68	129.19	127.67	129.85	1.98	ppb
Sodium	23-2	10423.23	10371.48	10466.08	10420.26	0.45	ppb
Strontium	86-1	128.84	125.53	125.18	126.52	1.60	ppb
Strontium	88-1	130.57	128.36	131.68	130.20	1.30	ppb
Sulfur	34-1	2490.06	2034.86	1490.77	2005.23	24.95	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	124.31	125.66	123.01	124.32	1.07	ppb
Thallium	205-1	124.41	125.37	123.16	124.31	0.89	ppb
Tin	118-1	129.53	126.37	125.41	127.11	1.69	ppb
Titanium	47-1	634.60	625.39	614.88	624.96	1.58	ppb
Uranium	238-1	122.93	122.25	122.33	122.50	0.31	ppb
Vanadium	51-2	125.33	126.02	124.10	125.15	0.78	ppb
Yttrium	89-1				99		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:55:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	1282.59	1288.90	1279.34	1283.61	0.38	ppb
Zirconium	90-1	129.87	126.72	129.06	128.55	1.27	ppb
Zirconium	91-1	127.20	123.54	125.45	125.40	1.46	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:58:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4994.87	4933.04	4734.48	4887.46	2.78	ppb
Antimony	121-1	260.75	254.78	267.36	260.96	2.41	ppb
Arsenic	75-2	255.89	252.36	244.62	250.96	2.30	ppb
Barium	135-1	1287.02	1259.78	1334.71	1293.84	2.93	ppb
Barium	137-1	1306.67	1289.63	1340.10	1312.13	1.96	ppb
Beryllium	9-1	262.39	255.89	261.69	259.99	1.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	241.26	253.02	275.69	256.66	6.82	ppb
Boron	11-1	233.74	252.28	274.43	253.48	8.04	ppb
Bromine	81-1						cps
Cadmium	111-1	256.46	253.92	265.54	258.64	2.36	ppb
Cadmium	106-1	257.55	256.59	275.20	263.11	3.98	ppb
Cadmium	108-1	261.37	253.37	261.40	258.71	1.79	ppb
Calcium	43-1	23696.57	24134.04	24249.65	24026.75	1.21	ppb
Calcium	44-1	23557.92	24319.48	24328.31	24068.57	1.84	ppb
Chromium	52-2	253.90	254.97	244.07	250.98	2.39	ppb
Cobalt	59-2	260.12	254.47	246.42	253.67	2.71	ppb
Copper	63-2	2650.75	2572.30	2521.80	2581.62	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	12715.84	12467.20	12184.28	12455.77	2.14	ppb
Iron	56-2	12611.37	12261.47	11859.91	12244.25	3.07	ppb
Iron	57-2	12562.24	12383.03	12097.39	12347.55	1.90	ppb
Krypton	83-1						cps
Lead	206-1	1254.53	1261.24	1270.63	1262.13	0.64	ppb
Lead	207-1	1255.24	1263.15	1265.65	1261.35	0.43	ppb
Lead	208-1	1258.86	1268.17	1269.83	1265.62	0.47	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:58:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	25831.42	25242.37	24531.65	25201.81	2.58	ppb
Manganese	55-2	2595.22	2577.09	2473.91	2548.74	2.57	ppb
Molybdenum	94-1	1281.53	1297.51	1292.15	1290.40	0.63	ppb
Molybdenum	95-1	1261.52	1288.86	1314.41	1288.26	2.05	ppb
Molybdenum	96-1	1259.41	1275.81	1304.14	1279.79	1.77	ppb
Molybdenum	97-1	1277.30	1270.60	1302.80	1283.57	1.32	ppb
Molybdenum	98-1	1257.80	1246.01	1274.81	1259.54	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.70	258.53	249.91	256.04	2.09	ppb
Phosphorus	31-2	5116.55	4769.66	4834.07	4906.76	3.76	ppb
Potassium	39-2	12570.32	12599.75	12047.17	12405.74	2.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	255.08	251.25	260.80	255.71	1.88	ppb
Selenium	77-2	260.58	209.61	243.37	237.85	10.90	ppb
Selenium	78-2	251.39	257.96	244.64	251.33	2.65	ppb
Silicon	28-1	236.74	275.66	306.31	272.90	12.78	ppb
Silver	109-1	265.44	259.20	270.14	264.93	2.07	ppb
Silver	107-1	260.79	260.52	268.52	263.27	1.73	ppb
Sodium	23-2	20895.62	20800.88	20072.98	20589.83	2.19	ppb
Strontium	86-1	253.46	254.64	256.27	254.79	0.55	ppb
Strontium	88-1	255.56	260.18	259.38	258.37	0.96	ppb
Sulfur	34-1	3947.42	3514.17	4560.40	4007.33	13.12	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	248.88	255.61	254.85	253.12	1.46	ppb
Thallium	205-1	248.09	254.17	255.57	252.61	1.58	ppb
Tin	118-1	261.02	256.07	263.27	260.12	1.42	ppb
Titanium	47-1	1246.14	1273.55	1285.82	1268.50	1.60	ppb
Uranium	238-1	249.53	252.61	248.03	250.06	0.93	ppb
Vanadium	51-2	254.41	250.62	242.00	249.01	2.55	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:58:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2611.60	2564.01	2486.43	2554.01	2.47	ppb
Zirconium	90-1	256.81	257.66	259.56	258.01	0.54	ppb
Zirconium	91-1	250.83	249.37	257.38	252.53	1.69	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:01:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9985.79	9698.14	9905.18	9863.04	1.50	ppb
Antimony	121-1	499.80	497.62	488.86	495.42	1.17	ppb
Arsenic	75-2	501.77	498.98	510.89	503.88	1.24	ppb
Barium	135-1	2503.83	2462.86	2458.84	2475.18	1.01	ppb
Barium	137-1	2525.35	2428.27	2492.16	2481.92	1.99	ppb
Beryllium	9-1	508.29	501.37	501.88	503.85	0.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	453.56	501.20	526.86	493.87	7.53	ppb
Boron	11-1	455.60	498.49	525.25	493.12	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	501.98	490.95	491.35	494.76	1.26	ppb
Cadmium	106-1	498.34	493.62	499.12	497.03	0.60	ppb
Cadmium	108-1	495.31	493.87	484.80	491.33	1.16	ppb
Calcium	43-1	46217.74	46615.18	48115.35	46982.76	2.13	ppb
Calcium	44-1	46669.26	46410.16	47646.53	46908.65	1.39	ppb
Chromium	52-2	512.32	494.67	503.49	503.49	1.75	ppb
Cobalt	59-2	510.27	492.36	511.46	504.70	2.12	ppb
Copper	63-2	5170.38	4925.90	5157.38	5084.55	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	25241.49	24441.55	25244.24	24975.76	1.85	ppb
Iron	56-2	24860.60	24151.76	24885.90	24632.76	1.69	ppb
Iron	57-2	24945.35	24057.74	25075.76	24692.95	2.24	ppb
Krypton	83-1						cps
Lead	206-1	2501.97	2474.90	2458.15	2478.34	0.89	ppb
Lead	207-1	2511.63	2492.83	2488.77	2497.74	0.49	ppb
Lead	208-1	2497.70	2472.80	2457.72	2476.08	0.82	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:01:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	50441.84	49658.13	50017.96	50039.31	0.78	ppb
Manganese	55-2	5141.85	4992.94	5144.58	5093.12	1.70	ppb
Molybdenum	94-1	2523.37	2522.57	2531.04	2525.66	0.19	ppb
Molybdenum	95-1	2522.95	2499.34	2561.49	2527.93	1.24	ppb
Molybdenum	96-1	2527.50	2532.05	2519.79	2526.44	0.25	ppb
Molybdenum	97-1	2496.84	2550.60	2547.20	2531.55	1.19	ppb
Molybdenum	98-1	2479.32	2488.99	2512.84	2493.72	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.82	500.91	507.49	507.41	1.27	ppb
Phosphorus	31-2	9867.62	10150.68	10423.90	10147.40	2.74	ppb
Potassium	39-2	24294.69	24060.18	25056.32	24470.40	2.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	500.16	502.55	507.70	503.47	0.77	ppb
Selenium	77-2	557.01	501.12	481.30	513.15	7.65	ppb
Selenium	78-2	510.08	522.96	511.55	514.86	1.37	ppb
Silicon	28-1	496.50	513.49	586.05	532.01	8.94	ppb
Silver	109-1	504.53	500.90	497.40	500.94	0.71	ppb
Silver	107-1	505.88	500.34	493.10	499.77	1.28	ppb
Sodium	23-2	41752.59	41451.77	41681.72	41628.70	0.38	ppb
Strontium	86-1	497.51	497.13	499.31	497.98	0.23	ppb
Strontium	88-1	497.06	502.90	504.62	501.53	0.79	ppb
Sulfur	34-1	8872.34	9637.74	10819.32	9776.47	10.03	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	495.81	494.92	489.65	493.46	0.67	ppb
Thallium	205-1	502.70	488.61	492.93	494.74	1.46	ppb
Tin	118-1	505.62	495.34	494.44	498.47	1.25	ppb
Titanium	47-1	2432.67	2479.53	2556.41	2489.53	2.51	ppb
Uranium	238-1	492.41	495.35	483.50	490.42	1.26	ppb
Vanadium	51-2	506.33	499.73	508.33	504.80	0.89	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:01:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	5150.14	5027.65	5137.13	5104.97	1.32	ppb
Zirconium	90-1	495.22	497.21	500.41	497.61	0.53	ppb
Zirconium	91-1	496.05	503.98	501.29	500.44	0.81	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:04:45 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19363.72	19561.39	19375.03	19433.38	0.57	ppb
Antimony	121-1	1004.21	984.01	1009.21	999.14	1.34	ppb
Arsenic	75-2	987.21	1005.57	1000.41	997.73	0.95	ppb
Barium	135-1	5046.02	4893.70	5061.54	5000.42	1.85	ppb
Barium	137-1	5021.97	4915.47	5037.82	4991.75	1.33	ppb
Beryllium	9-1	990.06	998.48	995.28	994.60	0.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	931.03	999.09	1073.14	1001.09	7.10	ppb
Boron	11-1	925.98	1014.16	1067.23	1002.45	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	1002.97	992.28	1005.36	1000.21	0.70	ppb
Cadmium	106-1	1001.32	991.17	1000.88	997.79	0.58	ppb
Cadmium	108-1	1007.46	992.16	1005.05	1001.56	0.82	ppb
Calcium	43-1	93360.30	94296.56	93992.74	93883.20	0.51	ppb
Calcium	44-1	91918.39	92808.85	92635.73	92454.32	0.51	ppb
Chromium	52-2	1003.27	1005.48	984.93	997.89	1.13	ppb
Cobalt	59-2	1014.14	998.01	977.17	996.44	1.86	ppb
Copper	63-2	9824.06	10057.22	9907.26	9929.51	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	49425.40	49245.37	49092.28	49254.35	0.34	ppb
Iron	56-2	48731.34	49271.98	48576.15	48859.82	0.75	ppb
Iron	57-2	48735.06	48991.36	48419.59	48715.33	0.59	ppb
Krypton	83-1						cps
Lead	206-1	5047.83	5064.63	4917.14	5009.87	1.61	ppb
Lead	207-1	5011.87	5028.47	4961.11	5000.48	0.70	ppb
Lead	208-1	5009.41	5025.65	4991.02	5008.69	0.35	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:04:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	97850.54	97576.75	97566.41	97664.57	0.16	ppb
Manganese	55-2	9971.58	9972.50	9870.14	9938.08	0.59	ppb
Molybdenum	94-1	4937.75	4940.09	5044.65	4974.16	1.23	ppb
Molybdenum	95-1	4887.18	4949.53	5085.41	4974.04	2.04	ppb
Molybdenum	96-1	4855.10	4927.44	5147.86	4976.80	3.06	ppb
Molybdenum	97-1	4874.92	4948.60	5100.73	4974.75	2.31	ppb
Molybdenum	98-1	4913.81	5000.39	5087.56	5000.59	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.66	1000.24	989.79	994.23	0.54	ppb
Phosphorus	31-2	20032.26	20058.92	19769.75	19953.64	0.80	ppb
Potassium	39-2	49091.26	48595.67	48388.98	48691.97	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	981.66	992.44	1015.76	996.62	1.75	ppb
Selenium	77-2	960.25	1010.75	1016.94	995.98	3.12	ppb
Selenium	78-2	996.24	991.94	986.88	991.69	0.47	ppb
Silicon	28-1	962.58	965.62	1001.04	976.41	2.19	ppb
Silver	109-1	1004.02	982.65	999.05	995.24	1.12	ppb
Silver	107-1	1011.85	977.70	999.08	996.21	1.73	ppb
Sodium	23-2	82318.94	82222.43	80625.81	81722.40	1.16	ppb
Strontium	86-1	991.79	988.69	1018.67	999.72	1.65	ppb
Strontium	88-1	990.92	989.97	1008.66	996.52	1.06	ppb
Sulfur	34-1	21113.38	20756.90	19788.05	20552.78	3.34	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	996.36	1026.05	985.73	1002.72	2.08	ppb
Thallium	205-1	1009.24	1007.33	990.04	1002.20	1.06	ppb
Tin	118-1	999.61	994.71	999.87	998.06	0.29	ppb
Titanium	47-1	5060.05	4954.96	4988.59	5001.20	1.07	ppb
Uranium	238-1	1013.80	1007.72	994.33	1005.28	0.99	ppb
Vanadium	51-2	1005.68	999.37	988.26	997.77	0.88	ppb
Yttrium	89-1				102		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:04:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	9930.71	10108.58	9745.82	9928.37	1.83	ppb
Zirconium	90-1	990.56	989.68	1016.26	998.83	1.51	ppb
Zirconium	91-1	990.58	992.43	1014.75	999.25	1.35	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:07:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99906.21	100270.81	100224.53	100133.85	0.20	ppb
Antimony	121-1	0.72	0.62	0.70	0.68	7.85	ppb
Arsenic	75-2	0.51	0.55	0.36	0.47	21.48	ppb
Barium	135-1	1.28	1.26	1.34	1.29	3.24	ppb
Barium	137-1	1.45	1.35	1.38	1.39	3.67	ppb
Beryllium	9-1	0.61	0.46	0.49	0.52	14.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	175.25	153.15	142.54	156.98	10.63	ppb
Boron	11-1	166.75	152.63	142.88	154.09	7.79	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.49	0.17	0.28	67.31	ppb
Cadmium	106-1	-1.66	0.72	-2.21	-1.05		ppb
Cadmium	108-1	0.91	0.30	1.03	0.75	52.35	ppb
Calcium	43-1	503721.92	501351.64	499710.25	501594.60	0.40	ppb
Calcium	44-1	505514.93	500363.87	499769.03	501882.61	0.63	ppb
Chromium	52-2	3.60	3.45	3.77	3.61	4.42	ppb
Cobalt	59-2	1.41	1.40	1.41	1.41	0.34	ppb
Copper	63-2	4.85	4.82	4.75	4.81	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	248483.64	251501.39	250475.46	250153.49	0.61	ppb
Iron	56-2	247286.58	251795.32	251753.84	250278.58	1.04	ppb
Iron	57-2	249641.54	248803.84	252445.36	250296.91	0.76	ppb
Krypton	83-1						cps
Lead	206-1	5.75	5.68	5.65	5.69	0.95	ppb
Lead	207-1	5.84	5.69	5.33	5.62	4.63	ppb
Lead	208-1	5.77	5.63	5.63	5.68	1.38	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:07:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	498894.65	498073.19	504371.06	500446.30	0.68	ppb
Manganese	55-2	5.69	5.36	5.80	5.62	4.07	ppb
Molybdenum	94-1	1.35	1.26	1.51	1.37	9.23	ppb
Molybdenum	95-1	1.19	1.25	1.19	1.21	3.01	ppb
Molybdenum	96-1	1.54	1.81	1.84	1.73	9.61	ppb
Molybdenum	97-1	1.37	1.40	1.74	1.50	13.50	ppb
Molybdenum	98-1	1.26	1.32	1.37	1.31	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.27	2.52	2.44	6.12	ppb
Phosphorus	31-2	-24.65	7.76	8.73	-2.72		ppb
Potassium	39-2	249320.73	249573.16	252071.86	250321.92	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	1.23	-5.14	2.49	-0.48		ppb
Selenium	77-2	-0.80	1.38	1.41	0.66	190.72	ppb
Selenium	78-2	2.78	1.40	0.88	1.69	57.97	ppb
Silicon	28-1	32.38	34.91	28.15	31.81	10.74	ppb
Silver	109-1	0.36	0.34	0.35	0.35	2.77	ppb
Silver	107-1	0.34	0.31	0.28	0.31	9.61	ppb
Sodium	23-2	500232.56	505356.93	508724.40	504771.30	0.85	ppb
Strontium	86-1	5.87	6.10	6.15	6.04	2.45	ppb
Strontium	88-1	6.12	5.97	6.17	6.08	1.66	ppb
Sulfur	34-1	-2890.00	-2987.26	-3569.10	-3148.79		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.60	0.62	0.59	0.60	2.31	ppb
Thallium	205-1	0.66	0.65	0.60	0.64	4.78	ppb
Tin	118-1	0.22	0.18	0.21	0.21	9.21	ppb
Titanium	47-1	0.23	0.95	0.66	0.61	59.05	ppb
Uranium	238-1	0.16	0.15	0.24	0.18	27.66	ppb
Vanadium	51-2	0.09	0.13	0.11	0.11	19.51	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:07:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	7.89	9.18	8.74	8.61	7.62	ppb
Zirconium	90-1	0.36	0.32	0.32	0.33	7.74	ppb
Zirconium	91-1	0.42	0.41	0.35	0.39	10.71	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:12:22	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	487.86	484.97	477.64	483.49	1.09	ppb
Antimony	121-1	197.54	201.45	199.65	199.54	0.98	ppb
Arsenic	75-2	201.02	200.79	200.33	200.71	0.18	ppb
Barium	135-1	101.60	101.94	99.96	101.17	1.05	ppb
Barium	137-1	104.56	102.64	102.27	103.16	1.19	ppb
Beryllium	9-1	93.13	92.24	95.34	93.57	1.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	583.63	618.22	669.73	623.86	6.94	ppb
Boron	11-1	580.35	614.10	665.60	620.02	6.92	ppb
Bromine	81-1						cps
Cadmium	111-1	104.93	107.04	105.89	105.95	1.00	ppb
Cadmium	106-1	166.48	170.40	173.66	170.18	2.11	ppb
Cadmium	108-1	142.57	147.44	144.26	144.76	1.71	ppb
Calcium	43-1	2005.16	1999.52	2061.45	2022.05	1.69	ppb
Calcium	44-1	1933.61	1932.29	1985.45	1950.45	1.55	ppb
Chromium	52-2	102.04	101.66	98.82	100.84	1.74	ppb
Cobalt	59-2	103.51	101.78	101.88	102.39	0.95	ppb
Copper	63-2	109.53	109.72	108.85	109.37	0.42	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2041.51	2016.50	1998.62	2018.88	1.07	ppb
Iron	56-2	1975.84	1948.64	1907.89	1944.13	1.76	ppb
Iron	57-2	1954.18	1977.90	1923.33	1951.81	1.40	ppb
Krypton	83-1						cps
Lead	206-1	200.08	198.57	197.90	198.85	0.56	ppb
Lead	207-1	185.05	183.09	181.29	183.14	1.03	ppb
Lead	208-1	193.60	191.62	191.83	192.35	0.56	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:12:22 DataFile Name : 011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	1197.14	1182.71	1193.19	1191.02	0.63	ppb
Manganese	55-2	106.42	103.95	103.43	104.60	1.53	ppb
Molybdenum	94-1	2672.89	2651.68	2742.88	2689.15	1.77	ppb
Molybdenum	95-1	2555.03	2605.17	2678.24	2612.81	2.37	ppb
Molybdenum	96-1	2570.16	2596.64	2706.25	2624.35	2.75	ppb
Molybdenum	97-1	2553.12	2579.30	2683.62	2605.35	2.65	ppb
Molybdenum	98-1	2533.51	2554.72	2643.39	2577.21	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.34	104.05	101.81	103.40	1.34	ppb
Phosphorus	31-2	-37.69	-74.44	16.71	-31.81		ppb
Potassium	39-2	1974.22	2003.32	1927.92	1968.48	1.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	202.27	193.57	208.16	201.33	3.65	ppb
Selenium	77-2	205.47	192.65	165.56	187.90	10.84	ppb
Selenium	78-2	208.11	198.90	198.19	201.73	2.74	ppb
Silicon	28-1	524.79	518.86	579.52	541.06	6.18	ppb
Silver	109-1	49.54	49.46	49.76	49.59	0.32	ppb
Silver	107-1	50.61	49.89	49.70	50.06	0.96	ppb
Sodium	23-2	1798.33	1786.78	1773.84	1786.32	0.69	ppb
Strontium	86-1	556.54	564.14	580.47	567.05	2.16	ppb
Strontium	88-1	563.00	573.81	584.44	573.75	1.87	ppb
Sulfur	34-1	-1529.09	-2748.07	-1004.13	-1760.43		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	213.50	211.25	210.47	211.74	0.74	ppb
Thallium	205-1	213.88	210.81	211.87	212.19	0.73	ppb
Tin	118-1	557.48	552.59	553.95	554.67	0.45	ppb
Titanium	47-1	2622.61	2657.08	2659.01	2646.23	0.77	ppb
Uranium	238-1	542.86	540.03	546.75	543.21	0.62	ppb
Vanadium	51-2	99.22	98.19	97.37	98.26	0.94	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:12:22	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	206.93	200.82	202.73	203.50	1.54	ppb
Zirconium	90-1	541.01	551.63	562.14	551.59	1.92	ppb
Zirconium	91-1	549.50	552.94	564.07	555.50	1.37	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:23:02	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.21	19.07	21.98	20.42	7.19	ppb
Antimony	121-1	1.96	1.97	2.06	2.00	2.64	ppb
Arsenic	75-2	0.98	1.10	1.02	1.03	6.19	ppb
Barium	135-1	10.14	9.93	10.24	10.10	1.58	ppb
Barium	137-1	9.88	9.86	9.51	9.75	2.12	ppb
Beryllium	9-1	1.04	1.16	1.06	1.09	5.78	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	36.59	37.64	40.91	38.38	5.87	ppb
Boron	11-1	34.92	38.85	41.09	38.29	8.15	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.13	1.39	1.22	11.94	ppb
Cadmium	106-1	0.61	0.30	1.51	0.81	78.03	ppb
Cadmium	108-1	1.25	1.81	1.44	1.50	18.95	ppb
Calcium	43-1	453.77	453.64	438.04	448.48	2.02	ppb
Calcium	44-1	457.94	448.39	447.34	451.22	1.29	ppb
Chromium	52-2	2.04	2.13	1.96	2.04	4.24	ppb
Cobalt	59-2	0.95	1.04	0.99	0.99	4.63	ppb
Copper	63-2	2.67	2.63	2.43	2.58	4.93	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				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	50.46	44.83	46.87	47.39	6.02	ppb
Iron	56-2	50.35	51.40	51.93	51.23	1.57	ppb
Iron	57-2	42.85	44.75	44.47	44.02	2.33	ppb
Krypton	83-1						cps
Lead	206-1	1.04	0.93	1.01	0.99	5.83	ppb
Lead	207-1	0.93	1.11	0.95	0.99	9.83	ppb
Lead	208-1	0.98	1.01	0.99	0.99	1.49	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:23:02	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	516.81	490.65	498.89	502.11	2.66	ppb
Manganese	55-2	1.18	1.08	1.17	1.14	4.73	ppb
Molybdenum	94-1	5.24	5.00	5.17	5.14	2.36	ppb
Molybdenum	95-1	5.10	4.82	4.93	4.95	2.76	ppb
Molybdenum	96-1	4.69	4.93	4.70	4.78	2.88	ppb
Molybdenum	97-1	4.70	4.72	4.89	4.77	2.18	ppb
Molybdenum	98-1	4.91	5.16	5.22	5.10	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.80	0.77	0.79	2.89	ppb
Phosphorus	31-2	11.21	-52.00	-20.48	-20.42		ppb
Potassium	39-2	516.72	509.83	498.59	508.38	1.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	5.57	8.15	5.68	6.47	22.56	ppb
Selenium	77-2	1.60	1.66	-0.66	0.87	152.99	ppb
Selenium	78-2	6.54	0.01	4.70	3.75	89.73	ppb
Silicon	28-1	51.36	42.79	61.76	51.97	18.28	ppb
Silver	109-1	0.94	1.07	0.98	1.00	6.70	ppb
Silver	107-1	0.97	0.99	1.02	1.00	2.35	ppb
Sodium	23-2	467.64	450.38	459.71	459.24	1.88	ppb
Strontium	86-1	0.68	0.83	0.92	0.81	14.52	ppb
Strontium	88-1	0.94	1.00	0.93	0.96	3.97	ppb
Sulfur	34-1	-1.69	-551.26	-475.31	-342.75		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	1.04	1.09	1.11	1.08	3.13	ppb
Thallium	205-1	1.04	0.96	1.03	1.01	4.43	ppb
Tin	118-1	4.67	5.07	4.76	4.83	4.36	ppb
Titanium	47-1	5.20	4.81	4.68	4.89	5.50	ppb
Uranium	238-1	0.90	0.99	0.95	0.94	4.92	ppb
Vanadium	51-2	5.07	4.93	4.78	4.92	2.98	ppb
Yttrium	89-1				97		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:23:02	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1.39	1.76	1.60	1.58	11.60	ppb
Zirconium	90-1	1.03	0.95	0.97	0.98	4.08	ppb
Zirconium	91-1	0.93	1.03	1.02	0.99	5.75	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:25:52 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.34	0.10	-1.40	0.35	540.85	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	80.82	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	367.07	ppb
Barium	135-1	0.02	0.07	0.02	0.04	83.02	ppb
Barium	137-1	0.03	-0.02	-0.01	0.00	1337.99	ppb
Beryllium	9-1	0.09	0.13	0.14	0.12	22.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	18.26	19.04	17.85	18.38	3.29	ppb
Boron	11-1	18.71	18.31	18.03	18.35	1.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.29	-0.10	-0.17		ppb
Cadmium	106-1	-1.88	-3.88	-1.59	-2.45		ppb
Cadmium	108-1	-0.17	-0.16	-0.15	-0.16		ppb
Calcium	43-1	-1.37	-3.33	-0.26	-1.65		ppb
Calcium	44-1	-5.52	-2.01	5.45	-0.70		ppb
Chromium	52-2	0.02	0.00	0.02	0.02	68.60	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	172.62	ppb
Copper	63-2	0.31	0.26	0.22	0.26	17.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	2.37	-2.03	0.56	0.30	730.86	ppb
Iron	56-2	0.83	1.00	1.21	1.01	18.76	ppb
Iron	57-2	1.46	-1.90	0.79	0.12	1487.08	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.06	0.05	26.23	ppb
Lead	207-1	0.08	0.07	0.07	0.08	10.01	ppb
Lead	208-1	0.08	0.07	0.07	0.07	6.45	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:25:52 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	4.85	4.93	5.12	4.96	2.84	ppb
Manganese	55-2	0.03	0.04	0.01	0.03	61.22	ppb
Molybdenum	94-1	0.01	0.07	-0.02	0.02	221.13	ppb
Molybdenum	95-1	0.05	0.00	0.04	0.03	96.68	ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	61.08	ppb
Molybdenum	97-1	0.06	0.00	0.00	0.02	168.71	ppb
Molybdenum	98-1	0.00	0.02	0.00	0.01	193.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.14	-0.11	-0.11		ppb
Phosphorus	31-2	-10.13	20.13	-90.74	-26.91		ppb
Potassium	39-2	30.46	14.87	32.54	25.96	37.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	-0.04	3.72	-1.33	0.78	334.86	ppb
Selenium	77-2	-2.98	-2.98	3.80	-0.72		ppb
Selenium	78-2	-1.25	1.69	1.18	0.54	290.01	ppb
Silicon	28-1	3.88	37.32	91.01	44.07	99.74	ppb
Silver	109-1	0.01	0.00	0.02	0.01	111.88	ppb
Silver	107-1	0.00	0.02	-0.01	0.00	531.10	ppb
Sodium	23-2	34.88	32.75	36.14	34.59	4.94	ppb
Strontium	86-1	-0.05	-0.27	0.32	0.00	80132.45	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-1383.68	-156.93	3300.52	586.64	414.06	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.06	0.06	0.05	61.23	ppb
Thallium	205-1	0.06	0.07	0.04	0.06	26.49	ppb
Tin	118-1	-0.07	-0.09	-0.07	-0.08		ppb
Titanium	47-1	-0.20	-0.27	-0.13	-0.20		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	232.52	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				95		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:25:52	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	-0.14	0.08	-0.24	-0.10		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	379.20	ppb
Zirconium	91-1	0.00	0.04	0.04	0.03	73.85	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:28:46	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93574.74	93553.12	93782.93	93636.93	0.14	ppb
Antimony	121-1	1.05	1.15	1.06	1.09	4.81	ppb
Arsenic	75-2	0.31	0.25	0.36	0.31	17.65	ppb
Barium	135-1	1.34	1.50	1.43	1.42	5.56	ppb
Barium	137-1	1.46	1.46	1.53	1.48	2.77	ppb
Beryllium	9-1	0.35	0.38	0.28	0.34	15.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	16.31	16.26	16.24	16.27	0.20	ppb
Boron	11-1	15.95	15.60	15.48	15.67	1.56	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.17	0.45	0.26	65.06	ppb
Cadmium	106-1	-0.46	-1.63	0.28	-0.60		ppb
Cadmium	108-1	11.52	9.65	10.55	10.58	8.84	ppb
Calcium	43-1	90465.71	90955.06	92534.38	91318.38	1.18	ppb
Calcium	44-1	88497.19	91296.75	91107.05	90300.33	1.73	ppb
Chromium	52-2	19.87	19.86	19.42	19.72	1.30	ppb
Cobalt	59-2	1.11	1.14	1.14	1.13	1.66	ppb
Copper	63-2	9.04	8.98	8.80	8.94	1.39	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	96736.71	96538.22	96181.41	96485.45	0.29	ppb
Iron	56-2	96853.15	97024.49	95209.56	96362.40	1.04	ppb
Iron	57-2	97411.18	98151.37	96669.18	97410.58	0.76	ppb
Krypton	83-1						cps
Lead	206-1	4.22	4.41	4.31	4.31	2.27	ppb
Lead	207-1	3.78	3.88	4.03	3.90	3.27	ppb
Lead	208-1	3.94	4.16	4.19	4.10	3.37	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:28:46	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	94210.20	94647.16	95257.48	94704.95	0.56	ppb
Manganese	55-2	7.77	7.35	7.25	7.46	3.70	ppb
Molybdenum	94-1	1341.62	1382.04	1368.87	1364.18	1.51	ppb
Molybdenum	95-1	1885.43	1931.53	1987.39	1934.79	2.64	ppb
Molybdenum	96-1	1832.96	1875.45	1895.17	1867.86	1.70	ppb
Molybdenum	97-1	1897.98	1952.01	1925.34	1925.11	1.40	ppb
Molybdenum	98-1	1885.68	1919.09	1920.98	1908.58	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.00	5.11	5.17	3.85	ppb
Phosphorus	31-2	97676.60	96078.83	95461.34	96405.59	1.19	ppb
Potassium	39-2	95074.26	94372.02	93241.76	94229.35	0.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	2.78	-0.50	2.19	1.49	117.08	ppb
Selenium	77-2	-2.98	-2.98	-0.79	-2.25		ppb
Selenium	78-2	0.78	-1.66	2.05	0.39	481.61	ppb
Silicon	28-1	73.72	65.01	69.02	69.25	6.30	ppb
Silver	109-1	0.03	0.03	0.04	0.03	15.50	ppb
Silver	107-1	0.02	0.02	0.01	0.02	23.92	ppb
Sodium	23-2	83139.59	82148.95	81126.66	82138.40	1.23	ppb
Strontium	86-1	31.54	33.49	32.75	32.59	3.02	ppb
Strontium	88-1	33.82	34.67	34.79	34.43	1.53	ppb
Sulfur	34-1	80987.37	77984.56	81703.88	80225.27	2.46	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.14	0.20	0.15	29.69	ppb
Thallium	205-1	0.08	0.12	0.13	0.11	23.30	ppb
Tin	118-1	0.11	0.15	0.18	0.15	22.67	ppb
Titanium	47-1	1932.68	1966.11	1950.54	1949.78	0.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	18.31	ppb
Vanadium	51-2	0.15	0.10	0.17	0.14	26.15	ppb
Yttrium	89-1				99		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:28:46	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	11.63	11.13	11.83	11.53	3.11	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	32.03	ppb
Zirconium	91-1	0.00	0.01	0.05	0.02	136.47	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:31:34	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94082.97	92954.94	90992.47	92676.79	1.69	ppb
Antimony	121-1	20.35	20.57	20.03	20.32	1.33	ppb
Arsenic	75-2	19.43	20.08	20.18	19.90	2.05	ppb
Barium	135-1	21.30	21.08	21.06	21.15	0.63	ppb
Barium	137-1	21.79	21.31	21.28	21.46	1.34	ppb
Beryllium	9-1	18.26	18.09	19.40	18.58	3.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	54.03	59.04	62.12	58.40	6.98	ppb
Boron	11-1	55.46	57.54	62.62	58.54	6.29	ppb
Bromine	81-1						cps
Cadmium	111-1	18.87	19.55	19.57	19.33	2.05	ppb
Cadmium	106-1	20.93	25.97	22.58	23.16	11.09	ppb
Cadmium	108-1	30.38	30.62	27.73	29.58	5.41	ppb
Calcium	43-1	87394.75	86738.36	87542.60	87225.24	0.49	ppb
Calcium	44-1	87327.85	85859.80	86465.57	86551.07	0.85	ppb
Chromium	52-2	37.84	38.80	38.93	38.52	1.54	ppb
Cobalt	59-2	20.73	20.43	20.68	20.61	0.79	ppb
Copper	63-2	29.38	29.61	30.04	29.68	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	93923.98	93805.15	95627.40	94452.18	1.08	ppb
Iron	56-2	94996.91	94544.78	97585.79	95709.16	1.71	ppb
Iron	57-2	95529.16	94701.47	98184.49	96138.37	1.89	ppb
Krypton	83-1						cps
Lead	206-1	22.46	22.27	23.51	22.74	2.93	ppb
Lead	207-1	20.53	21.08	21.57	21.06	2.48	ppb
Lead	208-1	21.47	21.70	22.29	21.82	1.94	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:31:34	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	90908.89	91621.41	92593.37	91707.89	0.92	ppb
Manganese	55-2	26.37	26.10	26.05	26.18	0.67	ppb
Molybdenum	94-1	1419.52	1376.10	1425.04	1406.89	1.91	ppb
Molybdenum	95-1	1901.42	1867.71	1925.89	1898.34	1.54	ppb
Molybdenum	96-1	1850.20	1816.82	1853.20	1840.07	1.10	ppb
Molybdenum	97-1	1897.75	1857.01	1930.04	1894.93	1.93	ppb
Molybdenum	98-1	1882.73	1842.36	1880.76	1868.61	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.46	24.43	24.26	24.72	2.63	ppb
Phosphorus	31-2	95024.75	95309.69	95888.67	95407.71	0.46	ppb
Potassium	39-2	92973.07	92046.93	93654.63	92891.54	0.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	18.01	20.02	17.31	18.45	7.64	ppb
Selenium	77-2	12.21	18.89	14.43	15.18	22.44	ppb
Selenium	78-2	22.71	19.32	16.30	19.44	16.49	ppb
Silicon	28-1	75.40	62.51	64.70	67.53	10.21	ppb
Silver	109-1	18.52	18.18	18.75	18.48	1.56	ppb
Silver	107-1	18.52	18.58	18.44	18.52	0.38	ppb
Sodium	23-2	80760.64	79605.33	81893.99	80753.32	1.42	ppb
Strontium	86-1	80.67	79.70	80.00	80.12	0.62	ppb
Strontium	88-1	84.39	84.25	85.83	84.82	1.03	ppb
Sulfur	34-1	75147.40	73899.09	73168.84	74071.78	1.35	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	19.32	19.90	19.51	19.58	1.50	ppb
Thallium	205-1	19.72	19.08	19.55	19.45	1.70	ppb
Tin	118-1	46.44	48.14	46.96	47.18	1.84	ppb
Titanium	47-1	1922.62	1929.76	1923.51	1925.30	0.20	ppb
Uranium	238-1	47.29	47.32	47.63	47.42	0.40	ppb
Vanadium	51-2	19.17	19.62	19.18	19.32	1.35	ppb
Yttrium	89-1				103		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:31:34	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	31.58	29.97	32.23	31.26	3.72	ppb
Zirconium	90-1	48.69	48.06	50.45	49.06	2.53	ppb
Zirconium	91-1	47.23	48.05	49.80	48.36	2.72	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:34:24	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50453.35	50074.93	49548.85	50025.71	0.91	ppb
Antimony	121-1	506.13	553.89	549.00	536.34	4.90	ppb
Arsenic	75-2	537.27	535.35	528.34	533.65	0.88	ppb
Barium	135-1	2548.55	2790.87	2635.73	2658.39	4.62	ppb
Barium	137-1	2594.38	2811.21	2720.39	2708.66	4.02	ppb
Beryllium	9-1	500.10	509.88	527.47	512.48	2.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	433.01	496.48	539.00	489.50	10.90	ppb
Boron	11-1	439.60	503.34	542.74	495.23	10.51	ppb
Bromine	81-1						cps
Cadmium	111-1	506.47	556.58	532.28	531.77	4.71	ppb
Cadmium	106-1	512.97	555.86	536.88	535.24	4.02	ppb
Cadmium	108-1	512.85	559.93	532.41	535.06	4.42	ppb
Calcium	43-1	237626.33	248567.75	241812.39	242668.82	2.28	ppb
Calcium	44-1	235211.42	246215.81	240891.00	240772.74	2.29	ppb
Chromium	52-2	541.21	536.85	526.93	535.00	1.37	ppb
Cobalt	59-2	533.79	530.02	519.47	527.76	1.41	ppb
Copper	63-2	5285.50	5224.60	5087.99	5199.36	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				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	128619.03	126192.09	125155.64	126655.59	1.40	ppb
Iron	56-2	129092.21	126795.64	123663.92	126517.26	2.15	ppb
Iron	57-2	131316.44	130097.26	126334.62	129249.44	2.01	ppb
Krypton	83-1						cps
Lead	206-1	2623.75	2770.86	2757.78	2717.46	3.00	ppb
Lead	207-1	2559.46	2784.56	2737.34	2693.78	4.41	ppb
Lead	208-1	2581.36	2764.05	2736.26	2693.89	3.65	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:34:24	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	255323.29	254149.07	254410.50	254627.62	0.24	ppb
Manganese	55-2	5559.20	5355.72	5307.80	5407.57	2.47	ppb
Molybdenum	94-1	2580.29	2759.06	2722.32	2687.22	3.51	ppb
Molybdenum	95-1	2546.92	2761.38	2691.99	2666.76	4.10	ppb
Molybdenum	96-1	2517.00	2759.94	2695.56	2657.50	4.74	ppb
Molybdenum	97-1	2536.95	2761.13	2711.56	2669.88	4.41	ppb
Molybdenum	98-1	2526.77	2712.65	2706.81	2648.75	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.51	533.98	513.34	525.61	2.07	ppb
Phosphorus	31-2	10658.48	10682.41	10952.73	10764.54	1.52	ppb
Potassium	39-2	128079.00	127527.25	125057.71	126887.99	1.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	510.51	543.92	534.29	529.58	3.25	ppb
Selenium	77-2	538.69	521.23	564.82	541.58	4.05	ppb
Selenium	78-2	530.91	523.34	508.75	521.00	2.16	ppb
Silicon	28-1	520.54	544.66	503.43	522.88	3.96	ppb
Silver	109-1	510.67	568.47	539.15	539.43	5.36	ppb
Silver	107-1	519.22	562.13	532.77	538.04	4.08	ppb
Sodium	23-2	219759.87	221708.44	216757.92	219408.74	1.14	ppb
Strontium	86-1	510.68	548.30	542.28	533.75	3.79	ppb
Strontium	88-1	525.34	557.70	545.42	542.82	3.01	ppb
Sulfur	34-1	7100.33	8816.42	6709.70	7542.15	14.86	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	520.01	559.54	542.34	540.63	3.67	ppb
Thallium	205-1	510.24	547.13	538.42	531.93	3.62	ppb
Tin	118-1	517.78	562.17	538.87	539.61	4.12	ppb
Titanium	47-1	2640.87	2731.62	2634.44	2668.98	2.04	ppb
Uranium	238-1	517.12	559.44	535.72	537.43	3.95	ppb
Vanadium	51-2	537.66	542.95	527.33	535.98	1.48	ppb
Yttrium	89-1				102		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:34:24	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	5291.48	5277.48	5122.23	5230.40	1.80	ppb
Zirconium	90-1	516.18	551.86	549.76	539.26	3.71	ppb
Zirconium	91-1	510.93	548.03	538.37	532.44	3.62	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:40:53	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.83	-0.95	0.62	-0.38		ppb
Antimony	121-1	0.03	0.05	0.06	0.04	27.77	ppb
Arsenic	75-2	-0.04	-0.04	0.04	-0.01		ppb
Barium	135-1	-0.01	0.04	0.06	0.03	113.12	ppb
Barium	137-1	0.03	0.07	0.04	0.05	38.96	ppb
Beryllium	9-1	0.14	0.14	0.16	0.15	7.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	22.99	18.94	19.43	20.45	10.81	ppb
Boron	11-1	20.37	18.65	18.40	19.14	5.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.15	0.32	0.15	114.34	ppb
Cadmium	106-1	-0.35	1.78	3.54	1.66	117.32	ppb
Cadmium	108-1	-0.08	-0.09	0.08	-0.03		ppb
Calcium	43-1	-1.62	2.19	2.26	0.94	235.67	ppb
Calcium	44-1	2.38	1.85	8.57	4.26	87.59	ppb
Chromium	52-2	-0.04	-0.06	0.03	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.03	0.01	109.35	ppb
Copper	63-2	0.54	0.45	0.48	0.49	8.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	0.96	1.46	-1.95	0.16	1168.22	ppb
Iron	56-2	2.77	2.68	2.75	2.73	1.72	ppb
Iron	57-2	4.15	0.53	1.04	1.91	102.73	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.05	0.19	0.12	60.92	ppb
Lead	207-1	0.15	0.10	0.19	0.15	30.96	ppb
Lead	208-1	0.12	0.08	0.22	0.14	53.77	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:40:53	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	6.78	4.42	5.88	5.69	20.92	ppb
Manganese	55-2	0.02	0.05	0.10	0.06	77.86	ppb
Molybdenum	94-1	0.09	-0.01	0.16	0.08	102.21	ppb
Molybdenum	95-1	0.04	0.04	0.17	0.08	90.62	ppb
Molybdenum	96-1	0.03	0.09	0.15	0.09	67.04	ppb
Molybdenum	97-1	0.11	0.02	0.29	0.14	98.24	ppb
Molybdenum	98-1	0.06	0.02	0.14	0.08	78.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.09	-0.08	-0.09		ppb
Phosphorus	31-2	-15.45	-22.71	30.71	-2.49		ppb
Potassium	39-2	34.47	8.11	35.85	26.14	59.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	2.94	-0.74	-0.63	0.53	398.89	ppb
Selenium	77-2	1.43	-2.98	-0.74	-0.76		ppb
Selenium	78-2	-0.22	-1.90	1.69	-0.14		ppb
Silicon	28-1	21.24	26.32	20.36	22.64	14.19	ppb
Silver	109-1	0.02	0.02	0.01	0.02	54.01	ppb
Silver	107-1	0.01	0.00	0.00	0.01	78.67	ppb
Sodium	23-2	71.69	58.91	67.74	66.11	9.89	ppb
Strontium	86-1	0.21	0.05	0.07	0.11	75.07	ppb
Strontium	88-1	0.00	0.00	0.04	0.01	239.05	ppb
Sulfur	34-1	-2618.66	-2335.82	-2933.06	-2629.18		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.09	0.14	0.10	36.95	ppb
Thallium	205-1	0.07	0.12	0.11	0.10	27.05	ppb
Tin	118-1	-0.08	-0.08	-0.06	-0.07		ppb
Titanium	47-1	-0.38	-0.13	-0.09	-0.20		ppb
Uranium	238-1	0.00	0.00	0.03	0.01	124.74	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	75.65	ppb
Yttrium	89-1				99		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:40:53	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.31	0.15	0.05	0.17	79.25	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	80.42	ppb
Zirconium	91-1	0.00	0.08	0.01	0.03	164.33	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:43:44	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.68	16.60	19.74	18.00	8.87	ppb
Antimony	121-1	1.91	2.05	1.98	1.98	3.67	ppb
Arsenic	75-2	0.95	0.90	0.96	0.94	3.36	ppb
Barium	135-1	9.49	10.42	9.92	9.94	4.69	ppb
Barium	137-1	9.16	9.76	10.03	9.65	4.59	ppb
Beryllium	9-1	0.91	1.12	1.03	1.02	10.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	28.85	32.82	32.55	31.40	7.06	ppb
Boron	11-1	29.56	32.58	34.84	32.33	8.19	ppb
Bromine	81-1						cps
Cadmium	111-1	1.22	1.29	1.24	1.25	2.99	ppb
Cadmium	106-1	1.80	1.69	1.18	1.56	21.14	ppb
Cadmium	108-1	1.28	1.25	1.41	1.32	6.65	ppb
Calcium	43-1	442.06	462.51	432.98	445.85	3.39	ppb
Calcium	44-1	436.00	457.22	463.44	452.22	3.18	ppb
Chromium	52-2	1.96	1.93	1.89	1.93	1.76	ppb
Cobalt	59-2	0.93	1.00	0.95	0.96	3.55	ppb
Copper	63-2	2.53	2.63	2.76	2.64	4.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	46.47	51.26	46.64	48.12	5.65	ppb
Iron	56-2	50.03	50.69	51.71	50.81	1.66	ppb
Iron	57-2	52.80	48.13	48.52	49.82	5.20	ppb
Krypton	83-1						cps
Lead	206-1	0.94	1.05	0.92	0.97	7.18	ppb
Lead	207-1	0.92	1.03	0.90	0.95	7.37	ppb
Lead	208-1	0.96	1.03	0.92	0.97	5.91	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:43:44	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	459.47	489.31	489.74	479.51	3.62	ppb
Manganese	55-2	0.91	0.95	1.06	0.97	7.96	ppb
Molybdenum	94-1	4.95	4.41	5.30	4.89	9.20	ppb
Molybdenum	95-1	4.93	4.88	5.20	5.00	3.46	ppb
Molybdenum	96-1	4.91	4.99	5.04	4.98	1.32	ppb
Molybdenum	97-1	4.75	4.82	4.73	4.77	0.95	ppb
Molybdenum	98-1	4.75	4.75	4.94	4.81	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.25	0.93	1.07	15.20	ppb
Phosphorus	31-2	-32.87	-2.45	-13.94	-16.42		ppb
Potassium	39-2	462.70	489.36	513.20	488.42	5.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	3.28	3.99	2.99	3.42	15.01	ppb
Selenium	77-2	1.36	-0.84	7.81	2.78	161.84	ppb
Selenium	78-2	8.03	5.75	1.88	5.22	59.64	ppb
Silicon	28-1	18.32	59.10	33.77	37.06	55.54	ppb
Silver	109-1	0.88	0.95	1.04	0.96	8.44	ppb
Silver	107-1	0.88	1.03	1.01	0.97	8.34	ppb
Sodium	23-2	454.68	458.02	443.33	452.01	1.70	ppb
Strontium	86-1	0.42	0.89	0.98	0.77	38.90	ppb
Strontium	88-1	0.93	1.02	0.95	0.96	4.88	ppb
Sulfur	34-1	-3108.95	-1618.68	-2421.68	-2383.11		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.84	1.05	1.00	0.96	11.76	ppb
Thallium	205-1	0.96	1.03	0.99	1.00	3.49	ppb
Tin	118-1	4.70	4.86	4.95	4.84	2.68	ppb
Titanium	47-1	3.86	4.48	4.76	4.37	10.54	ppb
Uranium	238-1	0.94	0.90	0.93	0.92	1.83	ppb
Vanadium	51-2	4.86	4.89	4.68	4.81	2.35	ppb
Yttrium	89-1				99		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:43:44	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	1.89	1.38	1.45	1.58	17.29	ppb
Zirconium	90-1	0.93	0.99	0.92	0.94	3.89	ppb
Zirconium	91-1	0.98	0.71	1.01	0.90	17.92	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : PB133717BL Instrumnet Name : P8
 Client Sample ID : PB133717BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:48:01 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.59	-2.40	-0.11	-1.37		ppb
Antimony	121-1	0.00	0.01	0.02	0.01	136.46	ppb
Arsenic	75-2	0.02	-0.02	0.02	0.01	369.55	ppb
Barium	135-1	-0.01	-0.03	0.00	-0.01		ppb
Barium	137-1	-0.01	0.01	-0.03	-0.01		ppb
Beryllium	9-1	0.09	0.09	0.07	0.08	10.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	9.68	9.97	9.37	9.67	3.09	ppb
Boron	11-1	10.34	9.35	9.45	9.72	5.62	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.08	0.03	-0.06		ppb
Cadmium	106-1	-2.32	-1.14	0.28	-1.06		ppb
Cadmium	108-1	-0.33	-0.17	-0.25	-0.25		ppb
Calcium	43-1	-7.93	-3.29	-3.87	-5.03		ppb
Calcium	44-1	-4.70	-6.51	-4.70	-5.30		ppb
Chromium	52-2	0.00	0.02	0.07	0.03	102.06	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.13	0.26	0.30	0.23	38.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	1.54	2.39	1.34	1.76	31.58	ppb
Iron	56-2	1.79	1.87	1.46	1.71	12.70	ppb
Iron	57-2	0.26	1.62	1.29	1.06	67.51	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.05	0.08	29.31	ppb
Lead	207-1	0.06	0.11	0.12	0.10	35.99	ppb
Lead	208-1	0.06	0.09	0.08	0.08	17.36	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BL	Instrumnet Name :	P8
Client Sample ID :	PB133717BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:48:01	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	7.57	4.26	3.04	4.96	47.33	ppb
Manganese	55-2	0.02	0.07	-0.03	0.02	246.87	ppb
Molybdenum	94-1	0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	336.63	ppb
Molybdenum	96-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	97-1	0.00	0.02	0.05	0.02	109.21	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	77.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.07	-0.15	-0.10		ppb
Phosphorus	31-2	-15.50	-56.46	-62.70	-44.89		ppb
Potassium	39-2	30.23	24.96	28.56	27.92	9.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.77	1.56	-2.11	0.08	2561.22	ppb
Selenium	77-2	-0.73	-2.98	-2.98	-2.23		ppb
Selenium	78-2	0.56	1.61	1.16	1.11	47.50	ppb
Silicon	28-1	19.55	12.97	12.34	14.95	26.72	ppb
Silver	109-1	0.03	0.01	0.01	0.02	67.19	ppb
Silver	107-1	0.02	0.01	0.01	0.02	40.24	ppb
Sodium	23-2	40.24	37.97	42.44	40.22	5.55	ppb
Strontium	86-1	-0.36	-0.04	-0.04	-0.15		ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-3081.05	-3479.61	-2997.40	-3186.02		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.12	0.06	0.08	40.44	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	27.28	ppb
Tin	118-1	-0.06	-0.05	-0.08	-0.06		ppb
Titanium	47-1	-0.35	-0.30	-0.15	-0.27		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	178.01	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BL	Instrumnet Name :	P8
Client Sample ID :	PB133717BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:48:01	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.31	-0.24	-0.37	-0.31		ppb
Zirconium	90-1	0.00	0.02	0.00	0.00	197.13	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	33.17	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BS	Instrumnet Name :	P8
Client Sample ID :	PB133717BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:50:51	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9852.11	9975.56	9863.90	9897.19	0.69	ppb
Antimony	121-1	510.58	510.24	516.75	512.53	0.71	ppb
Arsenic	75-2	508.10	507.58	499.17	504.95	0.99	ppb
Barium	135-1	2541.92	2521.78	2591.30	2551.67	1.40	ppb
Barium	137-1	2579.58	2596.66	2565.28	2580.51	0.61	ppb
Beryllium	9-1	481.25	500.02	495.51	492.26	1.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	371.36	439.22	473.87	428.15	12.18	ppb
Boron	11-1	369.14	440.28	473.20	427.54	12.44	ppb
Bromine	81-1						cps
Cadmium	111-1	511.58	509.50	513.38	511.49	0.38	ppb
Cadmium	106-1	497.19	512.63	516.02	508.61	1.97	ppb
Cadmium	108-1	504.25	522.17	509.71	512.04	1.79	ppb
Calcium	43-1	46502.54	47400.04	47659.66	47187.41	1.29	ppb
Calcium	44-1	46729.11	47723.95	47587.94	47347.00	1.14	ppb
Chromium	52-2	505.26	508.18	502.03	505.16	0.61	ppb
Cobalt	59-2	505.50	507.70	496.76	503.32	1.15	ppb
Copper	63-2	5015.65	5184.93	5094.94	5098.51	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	24921.61	25234.97	24734.88	24963.82	1.01	ppb
Iron	56-2	24783.21	25155.11	24749.50	24895.94	0.90	ppb
Iron	57-2	24650.04	25166.44	24695.01	24837.17	1.15	ppb
Krypton	83-1						cps
Lead	206-1	2458.12	2547.08	2466.88	2490.69	1.97	ppb
Lead	207-1	2468.93	2532.14	2448.41	2483.16	1.76	ppb
Lead	208-1	2457.48	2517.16	2467.48	2480.71	1.29	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BS	Instrumnet Name :	P8
Client Sample ID :	PB133717BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:50:51	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	49552.23	50920.52	50852.85	50441.86	1.53	ppb
Manganese	55-2	5103.45	5206.50	5153.82	5154.59	1.00	ppb
Molybdenum	94-1	2503.18	2529.62	2585.48	2539.42	1.65	ppb
Molybdenum	95-1	2473.99	2518.82	2550.05	2514.29	1.52	ppb
Molybdenum	96-1	2515.19	2498.49	2554.03	2522.57	1.13	ppb
Molybdenum	97-1	2447.72	2495.57	2594.27	2512.52	2.97	ppb
Molybdenum	98-1	2458.91	2507.00	2508.19	2491.37	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.97	505.18	503.51	504.22	0.17	ppb
Phosphorus	31-2	9870.50	10372.69	9617.00	9953.40	3.86	ppb
Potassium	39-2	24819.65	25216.14	24843.57	24959.79	0.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	493.40	499.75	509.27	500.81	1.59	ppb
Selenium	77-2	487.79	533.69	497.44	506.31	4.78	ppb
Selenium	78-2	498.93	520.62	509.18	509.58	2.13	ppb
Silicon	28-1	493.26	507.32	496.58	499.05	1.47	ppb
Silver	109-1	517.39	518.94	514.57	516.97	0.43	ppb
Silver	107-1	521.00	528.13	524.79	524.64	0.68	ppb
Sodium	23-2	41529.64	42125.29	41592.87	41749.27	0.78	ppb
Strontium	86-1	496.66	497.80	506.75	500.40	1.10	ppb
Strontium	88-1	508.68	506.57	517.61	510.95	1.15	ppb
Sulfur	34-1	7962.42	8331.89	8421.92	8238.74	2.96	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	494.88	505.43	489.95	496.75	1.59	ppb
Thallium	205-1	494.67	499.97	495.40	496.68	0.58	ppb
Tin	118-1	511.13	510.21	510.87	510.74	0.09	ppb
Titanium	47-1	2497.83	2533.95	2521.82	2517.87	0.73	ppb
Uranium	238-1	491.69	491.87	495.15	492.90	0.40	ppb
Vanadium	51-2	501.14	509.94	505.08	505.39	0.87	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BS	Instrumnet Name :	P8
Client Sample ID :	PB133717BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:50:51	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	5032.45	5119.43	5087.14	5079.67	0.87	ppb
Zirconium	90-1	492.38	502.89	513.34	502.87	2.08	ppb
Zirconium	91-1	492.58	497.36	507.70	499.21	1.55	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-02	Instrumnet Name :	P8
Client Sample ID :	49-IW5676-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:53:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	999.73	1002.86	987.29	996.63	0.83	ppb
Antimony	121-1	0.49	0.51	0.46	0.49	5.11	ppb
Arsenic	75-2	30.98	31.02	31.30	31.10	0.58	ppb
Barium	135-1	17.13	18.59	17.71	17.81	4.13	ppb
Barium	137-1	17.08	19.50	16.70	17.76	8.58	ppb
Beryllium	9-1	0.32	0.29	0.26	0.29	10.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				107		%
Boron	10-1	71.93	74.61	61.07	69.20	10.37	ppb
Boron	11-1	71.86	73.25	60.95	68.69	9.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.20	0.10	0.15	31.07	ppb
Cadmium	106-1	-1.59	-1.55	-0.88	-1.34		ppb
Cadmium	108-1	0.53	-0.33	0.06	0.09	502.20	ppb
Calcium	43-1	14416.22	16632.48	14572.49	15207.06	8.13	ppb
Calcium	44-1	14528.46	16715.72	15123.58	15455.92	7.32	ppb
Chromium	52-2	6.59	6.34	6.13	6.35	3.56	ppb
Cobalt	59-2	2.47	2.49	2.35	2.44	3.10	ppb
Copper	63-2	13.64	13.32	12.60	13.19	4.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	54-2	9105.64	9113.25	8978.04	9065.65	0.84	ppb
Iron	56-2	9287.05	9055.29	9147.79	9163.38	1.27	ppb
Iron	57-2	9265.84	9245.16	9167.46	9226.15	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2.53	2.69	2.30	2.51	7.73	ppb
Lead	207-1	2.14	2.54	1.92	2.20	14.37	ppb
Lead	208-1	2.33	2.56	2.13	2.34	9.14	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-02	Instrumnet Name :	P8
Client Sample ID :	49-IW5676-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:53:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	2214.10	2246.21	2228.49	2229.60	0.72	ppb
Manganese	55-2	461.87	457.45	445.92	455.08	1.81	ppb
Molybdenum	94-1	1.63	1.89	1.29	1.60	18.92	ppb
Molybdenum	95-1	0.85	0.65	0.59	0.70	19.53	ppb
Molybdenum	96-1	0.73	0.82	0.71	0.75	7.79	ppb
Molybdenum	97-1	0.67	0.63	0.47	0.59	18.23	ppb
Molybdenum	98-1	0.68	0.67	0.54	0.63	12.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.65	5.58	5.30	5.51	3.38	ppb
Phosphorus	31-2	157.86	166.88	104.34	143.02	23.64	ppb
Potassium	39-2	2163.98	2157.09	2174.52	2165.20	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	82-1	-0.74	1.70	0.44	0.47	261.69	ppb
Selenium	77-2	3.26	1.17	-2.98	0.48	658.82	ppb
Selenium	78-2	-0.16	0.54	1.77	0.72	136.10	ppb
Silicon	28-1	5645.55	6697.33	5798.81	6047.23	9.40	ppb
Silver	109-1	0.11	0.08	0.05	0.08	41.61	ppb
Silver	107-1	0.14	0.08	0.07	0.09	39.83	ppb
Sodium	23-2	34913.91	34999.60	34813.30	34908.94	0.27	ppb
Strontium	86-1	76.98	89.31	77.99	81.43	8.41	ppb
Strontium	88-1	79.12	92.99	80.73	84.28	9.00	ppb
Sulfur	34-1	-4676.15	1282.43	-5138.92	-2844.21		ppb
Terbium	159-1				100		%
Terbium	159-2				110		%
Thallium	203-1	0.33	0.41	0.22	0.32	30.07	ppb
Thallium	205-1	0.35	0.42	0.24	0.34	26.38	ppb
Tin	118-1	0.27	0.39	0.25	0.30	25.32	ppb
Titanium	47-1	31.29	36.67	30.62	32.86	10.09	ppb
Uranium	238-1	0.25	0.28	0.23	0.25	11.53	ppb
Vanadium	51-2	2.92	3.18	2.75	2.95	7.33	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-02	Instrumnet Name :	P8
Client Sample ID :	49-IW5676-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:53:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	50.92	51.89	51.58	51.47	0.96	ppb
Zirconium	90-1	0.68	0.73	0.69	0.70	3.78	ppb
Zirconium	91-1	0.78	0.92	0.61	0.77	19.91	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:56:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	236.53	258.52	227.32	240.79	6.66	ppb
Antimony	121-1	0.47	0.60	0.70	0.59	19.61	ppb
Arsenic	75-2	8.16	7.82	7.72	7.90	2.93	ppb
Barium	135-1	105.03	109.00	112.24	108.76	3.32	ppb
Barium	137-1	104.04	112.20	111.50	109.24	4.14	ppb
Beryllium	9-1	0.18	0.14	0.15	0.16	13.92	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	44.43	40.34	39.96	41.58	5.96	ppb
Boron	11-1	43.78	40.28	37.27	40.44	8.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.51	0.27	0.30	64.00	ppb
Cadmium	106-1	-1.55	1.26	-2.61	-0.97		ppb
Cadmium	108-1	1.35	0.50	0.91	0.92	46.31	ppb
Calcium	43-1	46906.31	48563.15	47776.56	47748.67	1.74	ppb
Calcium	44-1	47084.20	48449.60	48137.79	47890.53	1.49	ppb
Chromium	52-2	1.78	1.69	1.73	1.73	2.42	ppb
Cobalt	59-2	2.17	2.30	2.04	2.17	5.97	ppb
Copper	63-2	3.55	4.01	3.75	3.77	6.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	54-2	5530.61	5953.66	5463.73	5649.33	4.70	ppb
Iron	56-2	5695.22	6117.06	5461.76	5758.01	5.77	ppb
Iron	57-2	5634.72	5929.46	5436.32	5666.83	4.38	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.59	0.58	0.56	7.52	ppb
Lead	207-1	0.49	0.61	0.44	0.51	17.02	ppb
Lead	208-1	0.52	0.58	0.54	0.55	5.27	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:56:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	5166.96	5447.76	5072.41	5229.04	3.73	ppb
Manganese	55-2	416.37	446.50	400.96	421.27	5.50	ppb
Molybdenum	94-1	0.79	0.92	0.77	0.83	9.81	ppb
Molybdenum	95-1	0.62	0.65	0.42	0.56	21.54	ppb
Molybdenum	96-1	0.62	0.66	0.51	0.60	12.22	ppb
Molybdenum	97-1	0.67	0.55	0.47	0.56	17.47	ppb
Molybdenum	98-1	0.61	0.59	0.51	0.57	8.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.36	4.65	3.92	4.31	8.57	ppb
Phosphorus	31-2	-36.91	73.41	30.31	22.27	249.65	ppb
Potassium	39-2	4582.36	4910.11	4474.48	4655.65	4.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	2.15	0.81	2.81	1.92	53.09	ppb
Selenium	77-2	-2.98	-0.66	-0.77	-1.47		ppb
Selenium	78-2	-0.51	-0.19	-0.78	-0.49		ppb
Silicon	28-1	1387.15	1443.82	1409.70	1413.56	2.02	ppb
Silver	109-1	0.13	0.17	0.19	0.16	20.46	ppb
Silver	107-1	0.12	0.16	0.23	0.17	32.39	ppb
Sodium	23-2	2211845.61	2373596.46	2166397.24	2250613.10	4.84	ppb
Strontium	86-1	406.92	419.47	422.93	416.44	2.02	ppb
Strontium	88-1	413.64	425.51	430.15	423.10	2.01	ppb
Sulfur	34-1	13927.01	15443.06	14130.88	14500.32	5.67	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.24	0.26	0.23	0.24	5.88	ppb
Thallium	205-1	0.30	0.29	0.23	0.27	12.05	ppb
Tin	118-1	0.03	0.10	0.16	0.10	66.35	ppb
Titanium	47-1	7.29	7.12	7.17	7.19	1.17	ppb
Uranium	238-1	0.06	0.06	0.05	0.05	6.64	ppb
Vanadium	51-2	0.56	0.63	0.73	0.64	13.12	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:56:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	81.82	85.81	78.78	82.14	4.29	ppb
Zirconium	90-1	0.25	0.28	0.25	0.26	6.36	ppb
Zirconium	91-1	0.43	0.23	0.29	0.32	32.55	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03DUP	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:59:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	225.20	229.37	217.07	223.88	2.79	ppb
Antimony	121-1	0.42	0.47	0.67	0.52	25.76	ppb
Arsenic	75-2	7.72	7.74	7.21	7.56	3.95	ppb
Barium	135-1	106.53	109.51	109.84	108.62	1.68	ppb
Barium	137-1	107.50	108.42	108.60	108.18	0.55	ppb
Beryllium	9-1	0.13	0.07	0.04	0.08	51.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	23.47	24.49	22.91	23.62	3.41	ppb
Boron	11-1	24.76	24.17	24.35	24.43	1.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.53	0.11	0.28	82.23	ppb
Cadmium	106-1	-1.12	2.79	-2.63	-0.32		ppb
Cadmium	108-1	0.47	1.30	1.15	0.97	45.16	ppb
Calcium	43-1	47506.04	48648.91	47965.65	48040.20	1.20	ppb
Calcium	44-1	47093.70	48962.45	47661.33	47905.83	2.00	ppb
Chromium	52-2	1.96	1.87	1.91	1.91	2.15	ppb
Cobalt	59-2	2.06	2.00	2.01	2.02	1.40	ppb
Copper	63-2	3.50	3.75	3.83	3.69	4.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				118		%
Iron	54-2	5299.41	5358.75	5232.73	5296.96	1.19	ppb
Iron	56-2	5459.59	5439.35	5299.51	5399.48	1.61	ppb
Iron	57-2	5406.39	5358.25	5310.31	5358.31	0.90	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.48	0.53	0.51	4.55	ppb
Lead	207-1	0.57	0.46	0.42	0.48	16.57	ppb
Lead	208-1	0.49	0.48	0.47	0.48	2.89	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03DUP	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:59:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				125		%
Magnesium	24-2	4970.09	5079.32	4847.58	4965.66	2.33	ppb
Manganese	55-2	393.52	406.19	391.38	397.03	2.02	ppb
Molybdenum	94-1	0.80	0.65	0.73	0.73	10.00	ppb
Molybdenum	95-1	0.55	0.42	0.46	0.48	14.71	ppb
Molybdenum	96-1	0.48	0.48	0.39	0.45	11.53	ppb
Molybdenum	97-1	0.39	0.45	0.47	0.43	10.32	ppb
Molybdenum	98-1	0.36	0.34	0.39	0.36	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.31	4.45	4.20	4.32	2.97	ppb
Phosphorus	31-2	-33.55	-9.65	-49.35	-30.85		ppb
Potassium	39-2	4408.39	4542.15	4429.24	4459.93	1.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				112		%
Selenium	82-1	-0.52	-2.98	-1.35	-1.62		ppb
Selenium	77-2	-2.98	3.11	-0.95	-0.27		ppb
Selenium	78-2	0.62	-0.36	2.13	0.80	157.73	ppb
Silicon	28-1	1397.89	1483.57	1382.26	1421.24	3.84	ppb
Silver	109-1	0.30	0.37	0.34	0.34	9.99	ppb
Silver	107-1	0.30	0.31	0.36	0.33	9.65	ppb
Sodium	23-2	2123479.31	2185851.32	2109048.67	2139459.77	1.91	ppb
Strontium	86-1	412.02	411.54	415.53	413.03	0.53	ppb
Strontium	88-1	417.12	418.51	426.66	420.76	1.23	ppb
Sulfur	34-1	13830.13	14999.81	14057.30	14295.75	4.34	ppb
Terbium	159-1				100		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.04	0.03	0.04	20.36	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	25.63	ppb
Tin	118-1	0.16	0.11	0.21	0.16	30.54	ppb
Titanium	47-1	6.67	6.91	7.65	7.08	7.24	ppb
Uranium	238-1	0.06	0.04	0.04	0.05	13.45	ppb
Vanadium	51-2	0.55	0.62	0.56	0.58	7.21	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03DUP	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:59:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	76.76	77.43	75.99	76.73	0.94	ppb
Zirconium	90-1	0.22	0.25	0.27	0.25	9.50	ppb
Zirconium	91-1	0.32	0.27	0.24	0.28	14.42	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03LX5	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 16:02:09	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.23	42.59	42.11	42.64	1.32	ppb
Antimony	121-1	0.09	0.12	0.11	0.11	16.10	ppb
Arsenic	75-2	1.47	1.42	1.38	1.42	2.96	ppb
Barium	135-1	21.12	21.08	22.25	21.48	3.08	ppb
Barium	137-1	20.80	21.95	22.13	21.63	3.34	ppb
Beryllium	9-1	0.08	0.05	0.06	0.06	22.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	10.20	11.18	10.35	10.58	4.99	ppb
Boron	11-1	10.45	10.20	10.26	10.30	1.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.03	0.20	0.15	71.00	ppb
Cadmium	106-1	1.96	-0.47	1.53	1.01	129.12	ppb
Cadmium	108-1	0.30	0.15	-0.08	0.12	157.55	ppb
Calcium	43-1	9496.03	9703.39	9482.14	9560.52	1.30	ppb
Calcium	44-1	9405.61	9603.59	9544.57	9517.92	1.07	ppb
Chromium	52-2	0.38	0.42	0.35	0.38	8.52	ppb
Cobalt	59-2	0.36	0.45	0.43	0.41	10.89	ppb
Copper	63-2	1.17	1.20	1.04	1.14	7.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	54-2	1062.37	1074.81	1070.02	1069.07	0.59	ppb
Iron	56-2	1109.50	1101.35	1081.01	1097.29	1.34	ppb
Iron	57-2	1102.24	1097.77	1071.50	1090.50	1.52	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.06	0.08	25.97	ppb
Lead	207-1	0.06	0.09	0.09	0.08	21.84	ppb
Lead	208-1	0.08	0.09	0.06	0.08	16.61	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03LX5	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 16:02:09	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				130		%
Magnesium	24-2	1007.20	1011.04	1000.46	1006.23	0.53	ppb
Manganese	55-2	80.18	79.77	78.94	79.63	0.79	ppb
Molybdenum	94-1	0.14	0.13	0.15	0.14	4.56	ppb
Molybdenum	95-1	0.05	0.13	0.08	0.09	46.25	ppb
Molybdenum	96-1	0.12	0.09	0.09	0.10	16.07	ppb
Molybdenum	97-1	0.15	0.08	0.05	0.09	52.90	ppb
Molybdenum	98-1	0.11	0.05	0.10	0.09	35.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.68	0.73	0.76	12.19	ppb
Phosphorus	31-2	2.37	-57.38	-67.31	-40.77		ppb
Potassium	39-2	1028.76	1013.25	948.22	996.75	4.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	-0.81	2.33	0.28	0.60	264.71	ppb
Selenium	77-2	1.30	-0.85	-2.98	-0.85		ppb
Selenium	78-2	0.08	-1.83	1.24	-0.17		ppb
Silicon	28-1	289.79	340.96	289.89	306.88	9.62	ppb
Silver	109-1	0.24	0.22	0.17	0.21	17.72	ppb
Silver	107-1	0.25	0.23	0.18	0.22	15.02	ppb
Sodium	23-2	435892.52	443331.73	431540.04	436921.43	1.36	ppb
Strontium	86-1	80.31	81.39	82.74	81.48	1.49	ppb
Strontium	88-1	84.17	85.58	86.70	85.48	1.48	ppb
Sulfur	34-1	208.15	542.43	-995.24	-81.56		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	0.03	0.01	296.80	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	274.04	ppb
Tin	118-1	-0.04	-0.05	-0.03	-0.04		ppb
Titanium	47-1	1.14	1.52	1.24	1.30	15.41	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	54.54	ppb
Vanadium	51-2	0.10	0.11	0.08	0.10	17.01	ppb
Yttrium	89-1				103		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03LX5	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 16:02:09	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	17.16	16.31	16.68	16.72	2.54	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	7.99	ppb
Zirconium	91-1	0.09	0.05	0.07	0.07	30.83	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-06	Instrumnet Name :	P8
Client Sample ID :	49-MW027-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:05:00	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1486.16	1476.43	1467.82	1476.80	0.62	ppb
Antimony	121-1	0.52	0.59	0.57	0.56	5.69	ppb
Arsenic	75-2	195.64	195.70	199.51	196.95	1.13	ppb
Barium	135-1	25.79	25.22	25.43	25.48	1.12	ppb
Barium	137-1	25.01	26.67	26.70	26.13	3.71	ppb
Beryllium	9-1	0.13	0.16	0.09	0.12	28.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	24.43	27.80	29.56	27.26	9.55	ppb
Boron	11-1	25.17	27.10	31.29	27.85	11.23	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.39	0.19	0.26	43.52	ppb
Cadmium	106-1	-0.45	1.83	0.14	0.51	233.11	ppb
Cadmium	108-1	0.51	0.49	0.72	0.57	22.01	ppb
Calcium	43-1	20377.96	20153.26	19831.55	20120.92	1.36	ppb
Calcium	44-1	20491.54	20447.87	20226.05	20388.49	0.70	ppb
Chromium	52-2	10.55	10.44	10.75	10.58	1.45	ppb
Cobalt	59-2	3.30	3.13	3.38	3.27	3.82	ppb
Copper	63-2	13.22	12.94	13.10	13.09	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	54-2	10819.98	10742.41	10750.48	10770.96	0.40	ppb
Iron	56-2	11008.89	10957.86	10932.83	10966.52	0.35	ppb
Iron	57-2	10933.86	10828.48	10927.43	10896.59	0.54	ppb
Krypton	83-1						cps
Lead	206-1	2.43	2.23	2.39	2.35	4.47	ppb
Lead	207-1	2.09	2.23	2.11	2.14	3.44	ppb
Lead	208-1	2.32	2.23	2.23	2.26	2.24	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-06	Instrumnet Name :	P8
Client Sample ID :	49-MW027-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:05:00	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				130		%
Magnesium	24-2	12054.44	11927.87	11975.42	11985.91	0.53	ppb
Manganese	55-2	165.34	163.62	167.76	165.58	1.26	ppb
Molybdenum	94-1	9.32	8.78	8.57	8.89	4.37	ppb
Molybdenum	95-1	2.93	2.68	2.84	2.82	4.42	ppb
Molybdenum	96-1	3.69	3.75	3.80	3.75	1.44	ppb
Molybdenum	97-1	2.95	2.92	2.75	2.87	3.67	ppb
Molybdenum	98-1	3.02	2.78	3.07	2.96	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.92	27.50	27.30	27.58	1.15	ppb
Phosphorus	31-2	1207.08	1049.49	1217.14	1157.90	8.12	ppb
Potassium	39-2	3963.45	3955.51	3940.48	3953.15	0.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	2.17	1.49	-0.31	1.12	114.79	ppb
Selenium	77-2	-0.92	1.11	-0.95	-0.26		ppb
Selenium	78-2	0.84	-0.67	0.01	0.06	1281.70	ppb
Silicon	28-1	11336.55	11123.43	11028.56	11162.85	1.41	ppb
Silver	109-1	0.17	0.13	0.13	0.14	16.07	ppb
Silver	107-1	0.16	0.12	0.13	0.14	15.00	ppb
Sodium	23-2	318182.71	311557.60	313357.45	314365.92	1.09	ppb
Strontium	86-1	194.62	191.48	189.25	191.78	1.41	ppb
Strontium	88-1	196.99	196.16	193.74	195.63	0.86	ppb
Sulfur	34-1	-3386.45	-5255.41	-5722.47	-4788.11		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.00	-0.01	0.00	310.10	ppb
Thallium	205-1	0.01	-0.01	0.01	0.00		ppb
Tin	118-1	0.18	0.13	0.21	0.18	25.66	ppb
Titanium	47-1	64.27	63.48	62.01	63.25	1.82	ppb
Uranium	238-1	0.36	0.32	0.35	0.34	7.13	ppb
Vanadium	51-2	10.91	10.50	10.40	10.60	2.57	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-06	Instrumnet Name :	P8
Client Sample ID :	49-MW027-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:05:00	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	46.31	46.28	46.95	46.51	0.81	ppb
Zirconium	90-1	4.35	4.43	4.18	4.32	2.98	ppb
Zirconium	91-1	4.46	4.50	4.29	4.42	2.56	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-07	Instrumnet Name :	P8
Client Sample ID :	49-MW022-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:07:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	436.54	531.38	421.73	463.21	12.84	ppb
Antimony	121-1	0.07	0.04	0.12	0.08	54.98	ppb
Arsenic	75-2	8.65	8.75	7.99	8.46	4.88	ppb
Barium	135-1	52.39	53.10	51.50	52.33	1.54	ppb
Barium	137-1	50.23	52.83	52.21	51.76	2.63	ppb
Beryllium	9-1	0.11	0.08	0.08	0.09	17.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				113		%
Boron	10-1	46.06	56.12	61.66	54.61	14.48	ppb
Boron	11-1	49.70	56.23	62.44	56.12	11.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.09	-0.02	-0.03		ppb
Cadmium	106-1	0.46	-1.69	-0.50	-0.58		ppb
Cadmium	108-1	0.13	-0.03	-0.18	-0.03		ppb
Calcium	43-1	66248.63	66391.47	66602.43	66414.18	0.27	ppb
Calcium	44-1	66922.19	66543.88	66776.31	66747.46	0.29	ppb
Chromium	52-2	1.38	1.81	1.25	1.48	19.94	ppb
Cobalt	59-2	0.42	0.77	0.33	0.51	45.38	ppb
Copper	63-2	1.12	3.60	1.10	1.94	74.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				117		%
Indium	115-1				108		%
Indium	115-2				114		%
Iron	54-2	1878.37	1875.01	1743.37	1832.25	4.20	ppb
Iron	56-2	1931.29	1914.07	1817.89	1887.75	3.24	ppb
Iron	57-2	1952.92	1894.67	1807.80	1885.13	3.87	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.45	0.38	0.43	9.38	ppb
Lead	207-1	0.44	0.40	0.41	0.42	3.91	ppb
Lead	208-1	0.42	0.45	0.36	0.41	11.08	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-07	Instrumnet Name :	P8
Client Sample ID :	49-MW022-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:07:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				129		%
Magnesium	24-2	31817.45	31270.56	30226.08	31104.69	2.60	ppb
Manganese	55-2	300.01	291.96	284.53	292.16	2.65	ppb
Molybdenum	94-1	1.23	1.37	1.16	1.26	8.42	ppb
Molybdenum	95-1	0.76	0.73	0.77	0.75	2.48	ppb
Molybdenum	96-1	0.78	0.87	0.85	0.84	5.40	ppb
Molybdenum	97-1	0.67	0.85	0.95	0.82	17.25	ppb
Molybdenum	98-1	0.77	0.73	0.86	0.79	8.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	2.01	1.26	1.54	26.57	ppb
Phosphorus	31-2	34.16	48.03	-21.96	20.07	184.62	ppb
Potassium	39-2	6689.16	6424.18	6328.76	6480.70	2.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				111		%
Scandium	45-1				107		%
Scandium	45-2				115		%
Selenium	82-1	2.02	-0.52	2.51	1.34	121.40	ppb
Selenium	77-2	6.90	-2.98	-1.04	0.96	544.08	ppb
Selenium	78-2	0.63	0.12	-1.56	-0.27		ppb
Silicon	28-1	6903.82	6978.55	6929.07	6937.14	0.55	ppb
Silver	109-1	0.07	0.07	0.10	0.08	20.74	ppb
Silver	107-1	0.06	0.07	0.07	0.07	13.56	ppb
Sodium	23-2	151430.93	145552.36	145530.13	147504.47	2.31	ppb
Strontium	86-1	510.61	525.10	507.43	514.38	1.83	ppb
Strontium	88-1	520.02	522.87	522.13	521.67	0.28	ppb
Sulfur	34-1	1483.20	-412.75	683.07	584.50	162.84	ppb
Terbium	159-1				107		%
Terbium	159-2				118		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.01	0.04	0.03	0.03	57.42	ppb
Titanium	47-1	19.95	20.15	21.07	20.39	2.94	ppb
Uranium	238-1	1.51	1.61	1.51	1.54	3.80	ppb
Vanadium	51-2	0.93	1.37	0.72	1.01	33.26	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-07	Instrumnet Name :	P8
Client Sample ID :	49-MW022-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:07:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				114		%
Zinc	66-2	28.12	28.05	24.04	26.73	8.73	ppb
Zirconium	90-1	0.51	0.53	0.50	0.51	2.79	ppb
Zirconium	91-1	0.58	0.50	0.60	0.56	9.34	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-08	Instrumnet Name :	P8
Client Sample ID :	49-MW021-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:10:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	330.28	322.10	331.09	327.82	1.52	ppb
Antimony	121-1	0.08	0.11	0.09	0.10	16.49	ppb
Arsenic	75-2	38.05	37.51	37.74	37.77	0.72	ppb
Barium	135-1	157.92	161.98	159.62	159.84	1.28	ppb
Barium	137-1	160.60	160.59	163.66	161.62	1.09	ppb
Beryllium	9-1	0.06	0.04	0.08	0.06	33.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	155.15	172.15	187.07	171.46	9.32	ppb
Boron	11-1	154.08	174.20	186.89	171.72	9.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.06	-0.03	-0.01		ppb
Cadmium	106-1	-0.96	0.55	-0.56	-0.32		ppb
Cadmium	108-1	-0.33	-0.03	0.06	-0.10		ppb
Calcium	43-1	179273.96	185411.20	185287.57	183324.25	1.91	ppb
Calcium	44-1	178262.22	183261.10	180606.29	180709.87	1.38	ppb
Chromium	52-2	1.92	1.83	2.03	1.93	5.10	ppb
Cobalt	59-2	0.48	0.51	0.46	0.48	5.53	ppb
Copper	63-2	1.17	0.99	1.13	1.10	8.59	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				108		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	3380.97	3329.81	3442.24	3384.34	1.66	ppb
Iron	56-2	3487.22	3430.89	3465.41	3461.17	0.82	ppb
Iron	57-2	3379.13	3416.09	3432.80	3409.34	0.81	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.16	0.20	0.16	26.45	ppb
Lead	207-1	0.19	0.13	0.15	0.16	16.97	ppb
Lead	208-1	0.16	0.15	0.17	0.16	5.39	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-08	Instrumnet Name :	P8
Client Sample ID :	49-MW021-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:10:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				123		%
Magnesium	24-2	87409.53	85645.67	87995.54	87016.91	1.41	ppb
Manganese	55-2	763.58	749.09	757.61	756.76	0.96	ppb
Molybdenum	94-1	0.56	0.53	0.63	0.58	8.28	ppb
Molybdenum	95-1	0.50	0.46	0.48	0.48	3.72	ppb
Molybdenum	96-1	0.38	0.32	0.41	0.37	11.98	ppb
Molybdenum	97-1	0.35	0.39	0.54	0.43	23.59	ppb
Molybdenum	98-1	0.44	0.43	0.46	0.44	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	1.98	2.18	2.10	4.84	ppb
Phosphorus	31-2	-10.53	27.90	29.16	15.51	145.44	ppb
Potassium	39-2	11512.94	11331.37	11701.04	11515.11	1.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	-3.30	2.12	-0.07	-0.42		ppb
Selenium	77-2	-2.98	-0.95	-2.98	-2.30		ppb
Selenium	78-2	-1.31	0.54	0.24	-0.18		ppb
Silicon	28-1	8962.46	9178.54	9005.99	9049.00	1.26	ppb
Silver	109-1	0.07	0.08	0.12	0.09	34.17	ppb
Silver	107-1	0.06	0.06	0.12	0.08	45.46	ppb
Sodium	23-2	408875.91	398471.57	411299.17	406215.55	1.68	ppb
Strontium	86-1	1561.47	1603.19	1545.98	1570.21	1.88	ppb
Strontium	88-1	1599.55	1633.40	1575.51	1602.82	1.81	ppb
Sulfur	34-1	3645.86	3931.14	3505.81	3694.27	5.87	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	-0.02	0.00	-0.03	-0.02		ppb
Titanium	47-1	6.32	5.93	6.17	6.14	3.28	ppb
Uranium	238-1	5.20	5.35	5.33	5.29	1.56	ppb
Vanadium	51-2	0.66	0.51	0.55	0.57	13.92	ppb
Yttrium	89-1				107		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-08	Instrumnet Name :	P8
Client Sample ID :	49-MW021-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:10:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	16.46	15.85	15.58	15.96	2.82	ppb
Zirconium	90-1	0.14	0.16	0.17	0.16	9.22	ppb
Zirconium	91-1	0.14	0.28	0.13	0.18	44.63	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:13:37	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49722.26	50225.41	49804.97	49917.55	0.54	ppb
Antimony	121-1	531.11	526.93	543.78	533.94	1.64	ppb
Arsenic	75-2	532.73	526.24	526.47	528.48	0.70	ppb
Barium	135-1	2629.14	2668.39	2694.03	2663.85	1.23	ppb
Barium	137-1	2625.86	2686.24	2682.56	2664.89	1.27	ppb
Beryllium	9-1	456.94	469.45	475.67	467.35	2.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	400.67	457.98	497.56	452.07	10.78	ppb
Boron	11-1	402.46	463.18	498.68	454.77	10.70	ppb
Bromine	81-1						cps
Cadmium	111-1	517.90	517.66	527.07	520.87	1.03	ppb
Cadmium	106-1	512.59	530.18	526.45	523.07	1.77	ppb
Cadmium	108-1	517.60	535.63	521.32	524.85	1.81	ppb
Calcium	43-1	236618.58	238258.11	238358.07	237744.92	0.41	ppb
Calcium	44-1	237279.59	238292.49	237974.80	237848.96	0.22	ppb
Chromium	52-2	528.08	530.69	530.78	529.85	0.29	ppb
Cobalt	59-2	521.51	524.40	522.41	522.78	0.28	ppb
Copper	63-2	5269.01	5170.38	5156.37	5198.59	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	125758.15	126675.80	124635.62	125689.86	0.81	ppb
Iron	56-2	125845.54	128051.90	125749.87	126549.10	1.03	ppb
Iron	57-2	127883.12	127008.89	127545.41	127479.14	0.35	ppb
Krypton	83-1						cps
Lead	206-1	2587.05	2723.79	2687.98	2666.27	2.66	ppb
Lead	207-1	2623.97	2744.45	2696.83	2688.42	2.26	ppb
Lead	208-1	2615.19	2706.05	2649.17	2656.80	1.73	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:13:37	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				119		%
Magnesium	24-2	254401.58	256188.13	253699.48	254763.06	0.50	ppb
Manganese	55-2	5390.46	5335.55	5338.31	5354.77	0.58	ppb
Molybdenum	94-1	2639.67	2679.88	2716.51	2678.69	1.43	ppb
Molybdenum	95-1	2628.36	2650.57	2714.68	2664.54	1.68	ppb
Molybdenum	96-1	2617.50	2636.46	2732.48	2662.15	2.32	ppb
Molybdenum	97-1	2566.74	2622.80	2698.78	2629.44	2.52	ppb
Molybdenum	98-1	2551.39	2600.07	2720.36	2623.94	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.29	523.52	518.66	519.49	0.71	ppb
Phosphorus	31-2	10549.70	10531.76	10831.74	10637.73	1.58	ppb
Potassium	39-2	124304.74	124069.42	125261.45	124545.20	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	511.56	526.21	523.19	520.32	1.49	ppb
Selenium	77-2	484.14	454.27	504.67	481.03	5.27	ppb
Selenium	78-2	531.42	515.03	549.28	531.91	3.22	ppb
Silicon	28-1	533.44	510.73	515.69	519.95	2.30	ppb
Silver	109-1	525.80	533.13	536.69	531.87	1.04	ppb
Silver	107-1	535.70	526.73	535.26	532.56	0.95	ppb
Sodium	23-2	217939.94	219712.90	219535.56	219062.80	0.45	ppb
Strontium	86-1	520.56	525.64	532.06	526.09	1.10	ppb
Strontium	88-1	529.55	534.05	542.70	535.43	1.25	ppb
Sulfur	34-1	9011.28	8179.84	8615.23	8602.12	4.83	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	515.13	542.20	526.70	528.01	2.57	ppb
Thallium	205-1	511.47	538.05	518.34	522.62	2.64	ppb
Tin	118-1	521.66	531.40	532.25	528.44	1.11	ppb
Titanium	47-1	2630.77	2611.17	2625.23	2622.39	0.39	ppb
Uranium	238-1	522.44	545.94	530.24	532.88	2.25	ppb
Vanadium	51-2	531.94	535.05	532.40	533.13	0.31	ppb
Yttrium	89-1				102		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:13:37	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	5183.96	5230.50	5163.91	5192.79	0.66	ppb
Zirconium	90-1	527.12	528.07	536.91	530.70	1.02	ppb
Zirconium	91-1	525.73	520.37	537.47	527.86	1.66	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:19:03 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	0.13	-0.81	-0.45		ppb
Antimony	121-1	0.03	0.09	0.06	0.06	45.54	ppb
Arsenic	75-2	0.03	-0.01	-0.01	0.00	1026.40	ppb
Barium	135-1	0.06	0.02	0.02	0.03	75.09	ppb
Barium	137-1	0.04	0.01	0.05	0.03	72.68	ppb
Beryllium	9-1	0.13	0.15	0.12	0.14	11.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	26.41	23.54	23.01	24.32	7.54	ppb
Boron	11-1	24.97	23.76	22.60	23.78	4.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.08	-0.09	-0.04		ppb
Cadmium	106-1	0.06	-0.99	-1.59	-0.84		ppb
Cadmium	108-1	-0.17	-0.08	-0.09	-0.11		ppb
Calcium	43-1	-4.38	-1.02	-2.65	-2.68		ppb
Calcium	44-1	-3.88	2.38	2.66	0.39	954.50	ppb
Chromium	52-2	0.03	-0.02	0.05	0.02	163.21	ppb
Cobalt	59-2	0.00	-0.02	0.01	0.00		ppb
Copper	63-2	0.59	0.55	0.54	0.56	4.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2.75	-0.12	0.61	1.08	138.30	ppb
Iron	56-2	2.84	3.08	2.50	2.81	10.31	ppb
Iron	57-2	0.27	1.19	2.92	1.46	92.28	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.09	0.07	23.17	ppb
Lead	207-1	0.12	0.12	0.07	0.10	28.59	ppb
Lead	208-1	0.07	0.11	0.08	0.09	25.25	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:19:03	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	8.28	6.94	10.65	8.62	21.79	ppb
Manganese	55-2	0.29	0.12	0.30	0.24	41.38	ppb
Molybdenum	94-1	0.06	0.12	0.07	0.08	41.54	ppb
Molybdenum	95-1	0.05	0.05	0.08	0.06	25.19	ppb
Molybdenum	96-1	0.06	0.04	0.02	0.04	51.56	ppb
Molybdenum	97-1	0.07	0.12	0.06	0.09	35.13	ppb
Molybdenum	98-1	0.08	0.20	0.03	0.10	85.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.14	-0.17	-0.14		ppb
Phosphorus	31-2	-15.09	25.43	-62.63	-17.43		ppb
Potassium	39-2	40.23	49.50	71.71	53.81	30.06	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.68	-0.81	-2.75	-1.41		ppb
Selenium	77-2	1.46	-2.98	1.47	-0.02		ppb
Selenium	78-2	-0.75	0.32	0.04	-0.13		ppb
Silicon	28-1	-5.90	-3.60	26.83	5.78	316.20	ppb
Silver	109-1	0.05	0.05	0.04	0.05	12.59	ppb
Silver	107-1	0.07	0.06	0.06	0.06	8.18	ppb
Sodium	23-2	363.96	353.59	350.11	355.88	2.02	ppb
Strontium	86-1	-0.23	-0.32	-0.26	-0.27		ppb
Strontium	88-1	0.01	0.02	0.00	0.01	105.29	ppb
Sulfur	34-1	-4196.69	-2682.76	-1193.63	-2691.02		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.01	0.02	0.03	117.20	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	10.93	ppb
Tin	118-1	-0.08	0.00	-0.05	-0.04		ppb
Titanium	47-1	-0.18	-0.30	-0.04	-0.17		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	39.61	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	37.78	ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:19:03	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.43	0.53	0.55	0.50	12.88	ppb
Zirconium	90-1	0.01	0.04	0.03	0.02	53.60	ppb
Zirconium	91-1	0.03	0.00	0.04	0.02	75.82	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-09	Instrumnet Name :	P8
Client Sample ID :	49-IW5675-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:22:14	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	884.09	834.45	891.30	869.95	3.56	ppb
Antimony	121-1	0.18	0.17	0.17	0.17	1.79	ppb
Arsenic	75-2	28.03	27.52	29.85	28.47	4.29	ppb
Barium	135-1	13.29	13.40	12.77	13.15	2.57	ppb
Barium	137-1	14.37	13.17	14.23	13.92	4.70	ppb
Beryllium	9-1	0.08	0.11	0.13	0.11	23.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	19.67	18.52	18.04	18.74	4.47	ppb
Boron	11-1	19.02	19.41	17.98	18.80	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.25	0.10	0.19	40.12	ppb
Cadmium	106-1	1.11	2.31	0.06	1.16	96.82	ppb
Cadmium	108-1	0.39	-0.03	0.06	0.14	158.02	ppb
Calcium	43-1	9263.47	9030.95	9215.39	9169.94	1.34	ppb
Calcium	44-1	9469.79	9330.80	9356.64	9385.75	0.79	ppb
Chromium	52-2	3.83	3.64	4.08	3.85	5.66	ppb
Cobalt	59-2	1.28	1.23	1.40	1.30	6.77	ppb
Copper	63-2	7.27	6.78	7.54	7.19	5.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				111		%
Iron	54-2	3395.97	3255.41	3476.32	3375.90	3.31	ppb
Iron	56-2	3513.30	3307.15	3643.32	3487.92	4.86	ppb
Iron	57-2	3404.57	3309.96	3541.38	3418.64	3.40	ppb
Krypton	83-1						cps
Lead	206-1	1.18	1.03	1.20	1.14	7.97	ppb
Lead	207-1	1.00	1.00	0.97	0.99	2.14	ppb
Lead	208-1	1.12	1.04	1.09	1.08	3.74	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-09	Instrumnet Name :	P8
Client Sample ID :	49-IW5675-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:22:14	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	2591.41	2479.77	2702.99	2591.39	4.31	ppb
Manganese	55-2	79.47	74.81	83.30	79.19	5.37	ppb
Molybdenum	94-1	3.94	4.45	3.97	4.12	6.98	ppb
Molybdenum	95-1	0.92	0.88	0.94	0.91	3.07	ppb
Molybdenum	96-1	1.21	1.21	1.19	1.20	1.28	ppb
Molybdenum	97-1	0.91	0.81	0.75	0.82	9.51	ppb
Molybdenum	98-1	0.92	0.89	0.87	0.89	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.80	4.79	5.32	4.97	6.09	ppb
Phosphorus	31-2	277.38	218.01	397.31	297.56	30.70	ppb
Potassium	39-2	1209.69	1169.04	1292.43	1223.72	5.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				112		%
Selenium	82-1	-0.52	0.45	-0.59	-0.22		ppb
Selenium	77-2	3.07	-1.04	-2.98	-0.32		ppb
Selenium	78-2	-0.24	-1.60	0.60	-0.41		ppb
Silicon	28-1	4703.70	4654.49	4671.45	4676.55	0.53	ppb
Silver	109-1	0.04	0.04	0.03	0.04	13.41	ppb
Silver	107-1	0.04	0.05	0.04	0.04	10.09	ppb
Sodium	23-2	114329.38	107929.17	117056.96	113105.17	4.14	ppb
Strontium	86-1	49.00	48.03	48.68	48.57	1.01	ppb
Strontium	88-1	50.45	49.61	49.87	49.98	0.87	ppb
Sulfur	34-1	-4495.31	-5638.25	-5559.62	-5231.06		ppb
Terbium	159-1				105		%
Terbium	159-2				114		%
Thallium	203-1	0.03	0.01	0.03	0.02	33.39	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	47.76	ppb
Tin	118-1	0.07	0.07	0.09	0.08	14.66	ppb
Titanium	47-1	21.16	20.99	20.15	20.77	2.60	ppb
Uranium	238-1	0.26	0.28	0.31	0.28	7.85	ppb
Vanadium	51-2	2.85	2.91	2.95	2.90	1.68	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-09	Instrumnet Name :	P8
Client Sample ID :	49-IW5675-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:22:14	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	104.92	101.14	111.50	105.85	4.95	ppb
Zirconium	90-1	2.35	2.21	2.49	2.35	6.08	ppb
Zirconium	91-1	2.43	2.13	2.29	2.29	6.48	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-10	Instrumnet Name :	P8
Client Sample ID :	49-IW5678-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:25:01	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	544.40	549.35	554.30	549.35	0.90	ppb
Antimony	121-1	0.10	0.08	0.13	0.10	23.68	ppb
Arsenic	75-2	7.56	7.55	7.46	7.52	0.79	ppb
Barium	135-1	7.60	7.74	7.76	7.70	1.16	ppb
Barium	137-1	8.36	8.01	8.63	8.33	3.72	ppb
Beryllium	9-1	0.08	0.07	0.11	0.09	20.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	12.64	10.47	11.97	11.70	9.49	ppb
Boron	11-1	12.27	12.04	12.04	12.12	1.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.05	0.11	0.04	186.52	ppb
Cadmium	106-1	-0.75	-0.45	1.00	-0.07		ppb
Cadmium	108-1	0.06	0.06	0.06	0.06	2.69	ppb
Calcium	43-1	4316.71	4367.33	4455.02	4379.69	1.60	ppb
Calcium	44-1	4405.99	4452.17	4498.25	4452.14	1.04	ppb
Chromium	52-2	2.05	1.97	2.03	2.02	2.16	ppb
Cobalt	59-2	0.92	0.83	0.89	0.88	5.71	ppb
Copper	63-2	5.23	5.11	5.01	5.12	2.18	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				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	2174.32	2172.98	2160.23	2169.18	0.36	ppb
Iron	56-2	2218.88	2204.34	2196.04	2206.42	0.52	ppb
Iron	57-2	2208.27	2236.17	2161.43	2201.95	1.72	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.82	0.89	0.84	5.63	ppb
Lead	207-1	0.74	0.74	0.65	0.71	7.39	ppb
Lead	208-1	0.75	0.79	0.79	0.78	2.95	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-10	Instrumnet Name :	P8
Client Sample ID :	49-IW5678-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:25:01	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	642.39	657.70	642.65	647.58	1.35	ppb
Manganese	55-2	58.20	59.38	57.94	58.51	1.31	ppb
Molybdenum	94-1	1.43	1.62	1.52	1.52	6.30	ppb
Molybdenum	95-1	0.22	0.21	0.21	0.21	2.60	ppb
Molybdenum	96-1	0.43	0.40	0.32	0.38	14.93	ppb
Molybdenum	97-1	0.27	0.28	0.23	0.26	10.25	ppb
Molybdenum	98-1	0.28	0.22	0.23	0.24	15.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	2.30	2.02	2.03	12.71	ppb
Phosphorus	31-2	36.05	-1.17	92.98	42.62	111.26	ppb
Potassium	39-2	718.53	692.73	706.79	706.02	1.83	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.27	1.00	-2.83	-0.52		ppb
Selenium	77-2	1.22	3.32	-2.98	0.52	617.20	ppb
Selenium	78-2	-0.82	-1.36	-2.13	-1.44		ppb
Silicon	28-1	2689.30	2716.40	2697.99	2701.23	0.51	ppb
Silver	109-1	0.03	0.05	0.04	0.04	19.83	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.88	ppb
Sodium	23-2	11898.12	12204.44	11643.08	11915.21	2.36	ppb
Strontium	86-1	17.69	17.96	17.13	17.59	2.42	ppb
Strontium	88-1	17.59	18.14	18.36	18.03	2.18	ppb
Sulfur	34-1	-5634.11	-6058.62	-5092.20	-5594.98		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.03	0.02	0.02	75.64	ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.09	0.08	0.01	0.06	79.03	ppb
Titanium	47-1	10.62	11.42	10.87	10.97	3.73	ppb
Uranium	238-1	0.13	0.15	0.14	0.14	4.15	ppb
Vanadium	51-2	1.05	1.11	1.17	1.11	5.39	ppb
Yttrium	89-1				105		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-10	Instrumnet Name :	P8
Client Sample ID :	49-IW5678-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:25:01	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	62.35	64.75	65.36	64.15	2.48	ppb
Zirconium	90-1	0.94	0.97	0.85	0.92	6.70	ppb
Zirconium	91-1	0.78	1.01	0.94	0.91	13.00	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-11	Instrumnet Name :	P8
Client Sample ID :	49-FD02-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:27:53	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	539.91	531.30	578.82	550.01	4.60	ppb
Antimony	121-1	0.14	0.13	0.12	0.13	7.17	ppb
Arsenic	75-2	7.46	8.02	7.90	7.79	3.80	ppb
Barium	135-1	8.49	8.21	9.14	8.61	5.53	ppb
Barium	137-1	8.45	8.10	8.76	8.44	3.96	ppb
Beryllium	9-1	0.08	0.08	0.09	0.08	8.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	9.09	9.55	9.58	9.41	2.89	ppb
Boron	11-1	9.58	9.60	9.38	9.52	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.11	0.08	-0.06		ppb
Cadmium	106-1	-2.53	-2.05	0.04	-1.51		ppb
Cadmium	108-1	0.53	-0.02	-0.01	0.16	192.36	ppb
Calcium	43-1	4519.93	4561.06	4637.14	4572.71	1.30	ppb
Calcium	44-1	4634.17	4579.38	4651.94	4621.83	0.82	ppb
Chromium	52-2	2.02	2.22	2.32	2.19	7.05	ppb
Cobalt	59-2	0.86	0.78	0.96	0.87	10.36	ppb
Copper	63-2	4.99	5.04	5.57	5.20	6.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	2188.82	2212.01	2393.88	2264.91	4.96	ppb
Iron	56-2	2280.00	2254.44	2437.22	2323.89	4.26	ppb
Iron	57-2	2211.34	2242.92	2352.82	2269.03	3.27	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.84	0.99	0.90	8.56	ppb
Lead	207-1	0.74	0.79	0.70	0.74	6.15	ppb
Lead	208-1	0.79	0.82	0.83	0.81	2.45	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-11	Instrumnet Name :	P8
Client Sample ID :	49-FD02-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:27:53	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				118		%
Magnesium	24-2	638.09	633.81	701.17	657.69	5.73	ppb
Manganese	55-2	59.65	60.94	65.54	62.04	4.99	ppb
Molybdenum	94-1	1.66	1.64	1.61	1.64	1.38	ppb
Molybdenum	95-1	0.31	0.27	0.27	0.28	6.84	ppb
Molybdenum	96-1	0.42	0.42	0.33	0.39	13.73	ppb
Molybdenum	97-1	0.27	0.22	0.23	0.24	11.74	ppb
Molybdenum	98-1	0.29	0.24	0.21	0.25	17.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.44	2.24	2.52	2.40	6.04	ppb
Phosphorus	31-2	37.02	13.20	17.46	22.56	56.30	ppb
Potassium	39-2	715.90	661.76	807.02	728.23	10.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	-0.41	-2.19	-0.05	-0.88		ppb
Selenium	77-2	-2.98	-2.98	-0.72	-2.23		ppb
Selenium	78-2	0.88	-1.58	-0.01	-0.24		ppb
Silicon	28-1	2643.43	2549.36	2558.81	2583.87	2.00	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.87	ppb
Silver	107-1	0.02	0.02	0.05	0.03	63.34	ppb
Sodium	23-2	12253.78	11929.91	13006.86	12396.85	4.46	ppb
Strontium	86-1	17.60	17.48	17.74	17.61	0.76	ppb
Strontium	88-1	18.38	18.53	18.48	18.46	0.43	ppb
Sulfur	34-1	-4487.12	-5383.84	-4888.57	-4919.84		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.00	0.01	163.58	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	64.14	ppb
Tin	118-1	0.09	0.17	0.10	0.12	34.73	ppb
Titanium	47-1	10.72	10.81	10.72	10.75	0.53	ppb
Uranium	238-1	0.17	0.16	0.10	0.14	26.07	ppb
Vanadium	51-2	1.14	1.17	1.25	1.18	4.70	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-11	Instrumnet Name :	P8
Client Sample ID :	49-FD02-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:27:53	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	66.36	64.96	67.81	66.38	2.15	ppb
Zirconium	90-1	0.84	0.94	0.97	0.92	7.81	ppb
Zirconium	91-1	0.80	0.91	0.87	0.86	6.58	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-12	Instrumnet Name :	P8
Client Sample ID :	49-MW028-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:30:43	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15355.61	15263.82	15056.10	15225.18	1.01	ppb
Antimony	121-1	2.02	2.16	2.27	2.15	5.74	ppb
Arsenic	75-2	19.33	20.53	19.88	19.91	3.01	ppb
Barium	135-1	341.15	363.18	357.24	353.86	3.22	ppb
Barium	137-1	343.27	366.48	364.89	358.21	3.62	ppb
Beryllium	9-1	0.89	0.80	0.82	0.84	5.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	33.71	38.60	38.30	36.87	7.44	ppb
Boron	11-1	35.91	37.29	39.76	37.65	5.19	ppb
Bromine	81-1						cps
Cadmium	111-1	2.69	2.35	2.78	2.60	8.71	ppb
Cadmium	106-1	9.94	8.73	9.99	9.55	7.45	ppb
Cadmium	108-1	8.48	7.97	7.03	7.83	9.41	ppb
Calcium	43-1	310487.98	328483.06	321828.37	320266.47	2.84	ppb
Calcium	44-1	311524.04	325440.66	328394.21	321786.30	2.80	ppb
Chromium	52-2	87.90	87.81	84.72	86.81	2.08	ppb
Cobalt	59-2	6.97	7.09	6.87	6.98	1.55	ppb
Copper	63-2	590.67	590.89	577.84	586.46	1.27	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				107		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	32730.87	32092.80	32139.23	32320.97	1.10	ppb
Iron	56-2	33090.11	32459.27	31846.70	32465.36	1.92	ppb
Iron	57-2	32490.02	32692.56	31868.13	32350.24	1.33	ppb
Krypton	83-1						cps
Lead	206-1	25.80	27.46	27.05	26.77	3.23	ppb
Lead	207-1	23.34	24.87	23.85	24.02	3.25	ppb
Lead	208-1	24.70	26.01	25.62	25.44	2.65	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-12	Instrumnet Name :	P8
Client Sample ID :	49-MW028-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:30:43	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	20824.18	20620.63	20455.64	20633.48	0.89	ppb
Manganese	55-2	1410.57	1399.98	1371.27	1393.94	1.46	ppb
Molybdenum	94-1	86.70	87.58	88.92	87.73	1.28	ppb
Molybdenum	95-1	4.89	5.05	5.14	5.02	2.50	ppb
Molybdenum	96-1	14.50	15.16	15.12	14.93	2.47	ppb
Molybdenum	97-1	4.67	5.06	4.97	4.90	4.17	ppb
Molybdenum	98-1	4.60	4.82	4.95	4.79	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.00	50.37	49.68	50.02	0.69	ppb
Phosphorus	31-2	9270.60	9736.39	9793.48	9600.15	2.99	ppb
Potassium	39-2	7839.83	7893.02	7684.55	7805.80	1.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	4.96	-1.15	2.83	2.21	140.33	ppb
Selenium	77-2	4.99	13.12	6.86	8.32	51.19	ppb
Selenium	78-2	3.33	3.63	3.18	3.38	6.78	ppb
Silicon	28-1	29169.85	30624.49	29792.79	29862.38	2.44	ppb
Silver	109-1	0.29	0.31	0.25	0.29	10.67	ppb
Silver	107-1	0.31	0.30	0.32	0.31	4.40	ppb
Sodium	23-2	596256.77	591404.46	579255.00	588972.08	1.49	ppb
Strontium	86-1	1717.50	1774.32	1774.42	1755.42	1.87	ppb
Strontium	88-1	1757.27	1816.73	1804.95	1792.98	1.76	ppb
Sulfur	34-1	-2132.91	-994.94	-2045.14	-1724.33		ppb
Terbium	159-1				106		%
Terbium	159-2				112		%
Thallium	203-1	0.21	0.27	0.24	0.24	13.13	ppb
Thallium	205-1	0.18	0.22	0.18	0.19	10.55	ppb
Tin	118-1	2.75	3.01	3.15	2.97	6.75	ppb
Titanium	47-1	346.27	363.86	355.64	355.25	2.48	ppb
Uranium	238-1	5.80	6.30	6.11	6.07	4.22	ppb
Vanadium	51-2	45.20	44.70	44.08	44.66	1.26	ppb
Yttrium	89-1				107		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-12	Instrumnet Name :	P8
Client Sample ID :	49-MW028-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:30:43	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	880.68	870.40	855.25	868.77	1.47	ppb
Zirconium	90-1	52.62	55.01	54.77	54.13	2.43	ppb
Zirconium	91-1	52.99	53.92	53.80	53.57	0.94	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-13	Instrumnet Name :	P8
Client Sample ID :	49-MW032-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:33:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	233.81	243.50	233.01	236.77	2.47	ppb
Antimony	121-1	0.04	0.12	0.11	0.09	48.05	ppb
Arsenic	75-2	72.94	73.19	71.28	72.47	1.43	ppb
Barium	135-1	155.40	159.59	159.35	158.11	1.49	ppb
Barium	137-1	156.85	158.11	159.18	158.05	0.74	ppb
Beryllium	9-1	0.10	0.07	0.07	0.08	24.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	42.80	47.74	49.17	46.57	7.17	ppb
Boron	11-1	43.56	46.43	49.80	46.60	6.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	0.08	0.01	0.01	871.05	ppb
Cadmium	106-1	-1.43	0.59	0.13	-0.24		ppb
Cadmium	108-1	-0.02	-0.02	0.13	0.03	285.09	ppb
Calcium	43-1	145071.03	153310.40	150651.33	149677.59	2.81	ppb
Calcium	44-1	145262.04	148826.31	148644.76	147577.70	1.36	ppb
Chromium	52-2	0.99	0.95	0.95	0.96	2.26	ppb
Cobalt	59-2	3.93	3.91	3.96	3.94	0.65	ppb
Copper	63-2	1.61	1.51	1.89	1.67	11.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	54-2	14304.17	14285.00	13990.94	14193.37	1.24	ppb
Iron	56-2	14395.12	14406.51	14387.37	14396.33	0.07	ppb
Iron	57-2	14232.15	14175.28	14269.06	14225.50	0.33	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.94	0.73	0.83	12.38	ppb
Lead	207-1	0.79	0.85	0.81	0.82	3.30	ppb
Lead	208-1	0.80	0.85	0.77	0.81	4.88	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-13	Instrumnet Name :	P8
Client Sample ID :	49-MW032-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:33:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				118		%
Magnesium	24-2	39317.70	39490.05	38887.45	39231.73	0.79	ppb
Manganese	55-2	1725.51	1738.13	1720.31	1727.98	0.53	ppb
Molybdenum	94-1	1.84	2.08	2.23	2.05	9.70	ppb
Molybdenum	95-1	1.63	1.89	1.93	1.82	9.08	ppb
Molybdenum	96-1	1.86	1.83	1.84	1.85	0.80	ppb
Molybdenum	97-1	1.75	2.02	2.10	1.96	9.18	ppb
Molybdenum	98-1	1.83	1.95	1.88	1.88	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.79	4.25	4.51	4.52	5.94	ppb
Phosphorus	31-2	643.42	679.66	698.53	673.87	4.16	ppb
Potassium	39-2	11297.93	11297.45	11028.54	11207.98	1.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	2.06	2.62	1.18	1.96	36.99	ppb
Selenium	77-2	-0.94	7.22	9.14	5.14	104.06	ppb
Selenium	78-2	1.50	-2.12	2.79	0.73	350.23	ppb
Silicon	28-1	7499.77	8008.63	7990.77	7833.05	3.69	ppb
Silver	109-1	0.05	0.04	0.03	0.04	16.85	ppb
Silver	107-1	0.02	0.02	0.05	0.03	53.53	ppb
Sodium	23-2	585183.26	597347.59	572681.14	585070.66	2.11	ppb
Strontium	86-1	1080.22	1095.33	1112.29	1095.95	1.46	ppb
Strontium	88-1	1077.39	1100.48	1113.53	1097.13	1.67	ppb
Sulfur	34-1	-6296.76	-4191.20	-5487.98	-5325.32		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.07	0.08	0.02	0.06	61.42	ppb
Titanium	47-1	43.24	46.13	44.26	44.54	3.29	ppb
Uranium	238-1	3.09	3.02	3.09	3.07	1.32	ppb
Vanadium	51-2	1.51	1.41	1.44	1.45	3.42	ppb
Yttrium	89-1				104		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-13	Instrumnet Name :	P8
Client Sample ID :	49-MW032-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:33:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	5.53	6.39	5.02	5.65	12.24	ppb
Zirconium	90-1	0.46	0.50	0.45	0.47	5.34	ppb
Zirconium	91-1	0.50	0.46	0.53	0.50	7.44	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-14	Instrumnet Name :	P8
Client Sample ID :	49-FD01-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:36:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	264.88	262.73	270.68	266.10	1.55	ppb
Antimony	121-1	0.27	0.09	0.12	0.16	60.22	ppb
Arsenic	75-2	70.44	71.53	72.63	71.54	1.53	ppb
Barium	135-1	149.37	155.92	155.23	153.51	2.35	ppb
Barium	137-1	154.51	156.07	155.38	155.32	0.51	ppb
Beryllium	9-1	0.11	0.11	0.10	0.11	6.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	43.59	46.36	49.51	46.49	6.36	ppb
Boron	11-1	44.17	49.12	49.42	47.57	6.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.14	-0.16	0.03	548.18	ppb
Cadmium	106-1	0.96	1.43	-2.93	-0.18		ppb
Cadmium	108-1	0.40	0.04	-0.10	0.11	229.57	ppb
Calcium	43-1	146328.11	150190.71	147149.36	147889.39	1.38	ppb
Calcium	44-1	146756.52	149118.78	146883.56	147586.29	0.90	ppb
Chromium	52-2	1.19	1.18	1.22	1.20	1.39	ppb
Cobalt	59-2	3.94	3.85	3.99	3.93	1.81	ppb
Copper	63-2	1.62	1.79	1.76	1.72	5.43	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				109		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	54-2	14004.49	14068.10	14342.77	14138.45	1.27	ppb
Iron	56-2	14251.53	14315.50	14580.66	14382.56	1.21	ppb
Iron	57-2	14157.68	14203.08	14518.17	14292.98	1.37	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.87	0.98	0.92	6.36	ppb
Lead	207-1	0.82	0.73	0.75	0.77	6.37	ppb
Lead	208-1	0.91	0.81	0.80	0.84	7.40	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-14	Instrumnet Name :	P8
Client Sample ID :	49-FD01-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:36:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				122		%
Magnesium	24-2	38310.33	39756.79	39274.98	39114.03	1.88	ppb
Manganese	55-2	1709.70	1707.51	1707.53	1708.25	0.07	ppb
Molybdenum	94-1	2.52	2.26	2.35	2.37	5.47	ppb
Molybdenum	95-1	2.14	2.03	1.90	2.02	5.78	ppb
Molybdenum	96-1	2.01	2.13	1.89	2.01	5.86	ppb
Molybdenum	97-1	1.89	1.99	1.76	1.88	6.10	ppb
Molybdenum	98-1	2.04	2.21	1.83	2.03	9.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.43	4.56	4.83	4.61	4.42	ppb
Phosphorus	31-2	779.20	805.49	910.87	831.85	8.38	ppb
Potassium	39-2	11149.31	11117.05	11343.68	11203.35	1.09	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	0.09	0.50	0.30	0.30	70.20	ppb
Selenium	77-2	-1.04	-1.02	-1.00	-1.02		ppb
Selenium	78-2	0.80	1.61	1.69	1.37	36.16	ppb
Silicon	28-1	7885.40	7784.37	7701.58	7790.45	1.18	ppb
Silver	109-1	0.06	0.10	0.12	0.09	32.10	ppb
Silver	107-1	0.06	0.08	0.09	0.08	18.32	ppb
Sodium	23-2	578684.75	584147.48	589660.93	584164.38	0.94	ppb
Strontium	86-1	1061.34	1095.20	1080.87	1079.14	1.57	ppb
Strontium	88-1	1057.99	1116.44	1070.95	1081.79	2.84	ppb
Sulfur	34-1	-5627.02	-6045.63	-5622.60	-5765.08		ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	0.06	0.02	-0.01	0.02	140.20	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	446.61	ppb
Tin	118-1	0.02	0.00	-0.02	0.00		ppb
Titanium	47-1	85.72	84.12	87.65	85.83	2.06	ppb
Uranium	238-1	2.96	2.95	3.04	2.98	1.69	ppb
Vanadium	51-2	2.05	1.90	1.92	1.96	4.25	ppb
Yttrium	89-1				109		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-14	Instrumnet Name :	P8
Client Sample ID :	49-FD01-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:36:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				114		%
Zinc	66-2	4.63	4.46	5.28	4.79	8.98	ppb
Zirconium	90-1	0.53	0.59	0.57	0.56	4.95	ppb
Zirconium	91-1	0.55	0.46	0.58	0.53	11.19	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-18	Instrumnet Name :	P8
Client Sample ID :	49-6665(SBR)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:39:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.50	3.83	3.15	3.49	9.75	ppb
Antimony	121-1	0.03	0.03	0.08	0.05	57.90	ppb
Arsenic	75-2	103.87	104.12	103.99	103.99	0.12	ppb
Barium	135-1	162.65	165.73	181.73	170.04	6.03	ppb
Barium	137-1	166.67	168.74	180.65	172.02	4.38	ppb
Beryllium	9-1	0.05	0.04	0.04	0.05	8.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	42.98	45.95	50.04	46.32	7.65	ppb
Boron	11-1	44.34	46.76	52.83	47.98	9.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.12	0.12	0.09	51.75	ppb
Cadmium	106-1	-0.53	0.25	0.43	0.05	1032.11	ppb
Cadmium	108-1	-0.10	-0.26	-0.09	-0.15		ppb
Calcium	43-1	157354.82	157381.80	165445.95	160060.86	2.91	ppb
Calcium	44-1	156528.51	156402.50	163847.55	158926.19	2.68	ppb
Chromium	52-2	0.19	0.15	0.22	0.19	20.83	ppb
Cobalt	59-2	0.28	0.33	0.29	0.30	7.82	ppb
Copper	63-2	0.54	0.43	0.47	0.48	11.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				113		%
Iron	54-2	15728.21	15331.51	15539.40	15533.04	1.28	ppb
Iron	56-2	16064.22	15583.22	15758.06	15801.83	1.54	ppb
Iron	57-2	15958.25	15483.83	15463.56	15635.21	1.79	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.06	0.07	0.05	65.71	ppb
Lead	207-1	0.03	0.09	0.13	0.08	56.11	ppb
Lead	208-1	0.03	0.05	0.07	0.05	40.13	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-18 Instrumnet Name : P8
 Client Sample ID : 49-6665(SBR)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:39:11 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	43921.75	42912.01	42729.17	43187.65	1.49	ppb
Manganese	55-2	2348.28	2293.05	2282.22	2307.85	1.54	ppb
Molybdenum	94-1	1.88	1.73	1.89	1.83	5.04	ppb
Molybdenum	95-1	2.10	2.42	2.66	2.39	11.76	ppb
Molybdenum	96-1	2.20	2.20	2.45	2.28	6.46	ppb
Molybdenum	97-1	2.29	2.48	2.31	2.36	4.52	ppb
Molybdenum	98-1	2.21	2.28	2.44	2.31	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.50	0.32	0.44	22.53	ppb
Phosphorus	31-2	26.37	23.84	80.81	43.67	73.71	ppb
Potassium	39-2	11647.78	11348.62	11379.66	11458.69	1.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	-1.19	-0.19	-0.73	-0.70		ppb
Selenium	77-2	-2.98	-2.98	4.88	-0.36		ppb
Selenium	78-2	0.03	1.10	-2.01	-0.29		ppb
Silicon	28-1	7588.87	7719.00	8155.01	7820.96	3.79	ppb
Silver	109-1	0.11	0.10	0.16	0.12	28.33	ppb
Silver	107-1	0.09	0.12	0.13	0.11	14.10	ppb
Sodium	23-2	548829.50	531874.79	537662.51	539455.60	1.60	ppb
Strontium	86-1	1113.66	1141.90	1191.91	1149.16	3.45	ppb
Strontium	88-1	1118.81	1142.10	1206.74	1155.89	3.94	ppb
Sulfur	34-1	-4651.46	-5106.62	-3477.34	-4411.81		ppb
Terbium	159-1				105		%
Terbium	159-2				114		%
Thallium	203-1	-0.03	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.03	-0.03	-0.01	-0.02		ppb
Tin	118-1	0.01	-0.06	-0.03	-0.03		ppb
Titanium	47-1	0.41	0.38	0.18	0.32	37.48	ppb
Uranium	238-1	0.92	1.07	1.04	1.01	7.95	ppb
Vanadium	51-2	0.16	0.14	0.16	0.16	8.33	ppb
Yttrium	89-1				105		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-18	Instrumnet Name :	P8
Client Sample ID :	49-6665(SBR)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:39:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	4.08	3.30	4.20	3.86	12.58	ppb
Zirconium	90-1	0.09	0.08	0.11	0.10	12.97	ppb
Zirconium	91-1	0.14	0.13	0.17	0.15	13.90	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-19	Instrumnet Name :	P8
Client Sample ID :	49-5573(D)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:41:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.41	41.32	41.37	40.70	2.74	ppb
Antimony	121-1	0.11	0.14	0.11	0.12	13.63	ppb
Arsenic	75-2	51.84	51.51	51.55	51.63	0.34	ppb
Barium	135-1	191.09	199.64	191.28	194.00	2.52	ppb
Barium	137-1	191.62	196.71	194.96	194.43	1.33	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	13.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	49.49	53.88	55.72	53.03	6.04	ppb
Boron	11-1	51.14	55.86	57.21	54.74	5.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	-0.01	-0.01	0.01	318.80	ppb
Cadmium	106-1	-1.54	-1.48	-2.03	-1.68		ppb
Cadmium	108-1	0.06	0.14	0.21	0.13	55.34	ppb
Calcium	43-1	150022.84	150623.82	149462.70	150036.45	0.39	ppb
Calcium	44-1	149534.15	151362.86	146514.81	149137.27	1.64	ppb
Chromium	52-2	0.56	0.61	0.56	0.58	4.79	ppb
Cobalt	59-2	5.97	5.99	6.03	6.00	0.53	ppb
Copper	63-2	1.47	1.48	1.55	1.50	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				112		%
Indium	115-1				105		%
Indium	115-2				111		%
Iron	54-2	11002.80	11172.61	10846.14	11007.18	1.48	ppb
Iron	56-2	11018.20	11123.83	11125.64	11089.22	0.55	ppb
Iron	57-2	11049.29	11183.66	10872.99	11035.31	1.41	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.37	0.34	0.35	4.33	ppb
Lead	207-1	0.34	0.38	0.30	0.34	12.31	ppb
Lead	208-1	0.33	0.36	0.34	0.34	5.24	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-19	Instrumnet Name :	P8
Client Sample ID :	49-5573(D)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:41:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				119		%
Magnesium	24-2	32298.90	32181.71	31963.71	32148.11	0.53	ppb
Manganese	55-2	1895.42	1905.15	1901.48	1900.68	0.26	ppb
Molybdenum	94-1	4.25	4.24	4.52	4.33	3.64	ppb
Molybdenum	95-1	5.96	5.77	5.71	5.81	2.24	ppb
Molybdenum	96-1	5.58	5.28	5.57	5.48	3.19	ppb
Molybdenum	97-1	5.14	5.48	5.49	5.37	3.71	ppb
Molybdenum	98-1	5.67	5.68	5.89	5.75	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.89	6.38	6.02	6.09	4.12	ppb
Phosphorus	31-2	235.37	106.29	95.51	145.72	53.40	ppb
Potassium	39-2	13406.85	13443.10	13438.92	13429.62	0.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	-1.46	-2.34	-0.35	-1.38		ppb
Selenium	77-2	1.08	-2.98	-0.96	-0.95		ppb
Selenium	78-2	-0.71	1.57	-1.13	-0.09		ppb
Silicon	28-1	6260.66	6490.89	6392.04	6381.20	1.81	ppb
Silver	109-1	0.09	0.13	0.13	0.12	22.21	ppb
Silver	107-1	0.10	0.11	0.13	0.11	12.46	ppb
Sodium	23-2	528120.32	524316.53	517937.03	523457.96	0.98	ppb
Strontium	86-1	1209.70	1218.61	1188.65	1205.65	1.28	ppb
Strontium	88-1	1207.03	1214.04	1220.21	1213.76	0.54	ppb
Sulfur	34-1	1879.18	1502.53	817.25	1399.66	38.47	ppb
Terbium	159-1				105		%
Terbium	159-2				113		%
Thallium	203-1	0.08	0.06	0.09	0.07	19.09	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	10.63	ppb
Tin	118-1	-0.03	0.02	-0.01	-0.01		ppb
Titanium	47-1	2.17	2.21	2.08	2.15	3.14	ppb
Uranium	238-1	2.40	2.44	2.32	2.39	2.39	ppb
Vanadium	51-2	1.34	1.46	1.50	1.44	5.82	ppb
Yttrium	89-1				103		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-19	Instrumnet Name :	P8
Client Sample ID :	49-5573(D)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:41:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	6.39	6.90	6.76	6.68	3.91	ppb
Zirconium	90-1	0.19	0.18	0.16	0.18	8.32	ppb
Zirconium	91-1	0.20	0.13	0.19	0.17	19.64	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-04	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:44:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9430.55	9259.98	9279.86	9323.46	1.00	ppb
Antimony	121-1	381.14	396.87	391.61	389.88	2.05	ppb
Arsenic	75-2	478.47	469.88	474.01	474.12	0.91	ppb
Barium	135-1	2379.69	2507.24	2498.08	2461.67	2.89	ppb
Barium	137-1	2482.50	2498.45	2500.14	2493.70	0.39	ppb
Beryllium	9-1	399.96	407.76	408.31	405.34	1.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	522.52	560.68	571.04	551.41	4.63	ppb
Boron	11-1	525.13	554.83	570.08	550.01	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	422.89	439.73	439.23	433.95	2.21	ppb
Cadmium	106-1	423.85	455.91	442.28	440.68	3.65	ppb
Cadmium	108-1	434.05	449.13	452.39	445.19	2.20	ppb
Calcium	43-1	132708.34	131112.54	133880.36	132567.08	1.05	ppb
Calcium	44-1	129079.44	130639.77	133262.85	130994.02	1.61	ppb
Chromium	52-2	456.36	444.49	444.10	448.32	1.55	ppb
Cobalt	59-2	446.71	435.80	439.42	440.64	1.26	ppb
Copper	63-2	927.36	912.80	906.35	915.50	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	54-2	27742.31	26735.16	26895.49	27124.32	2.00	ppb
Iron	56-2	27710.39	27132.04	27143.86	27328.76	1.21	ppb
Iron	57-2	27607.07	27067.14	26987.82	27220.68	1.24	ppb
Krypton	83-1						cps
Lead	206-1	428.36	437.77	432.00	432.71	1.10	ppb
Lead	207-1	420.56	435.17	429.11	428.28	1.71	ppb
Lead	208-1	423.79	438.02	432.58	431.46	1.66	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-04	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:44:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				122		%
Magnesium	24-2	103414.51	101773.58	100444.35	101877.48	1.46	ppb
Manganese	55-2	1321.10	1295.66	1300.26	1305.67	1.04	ppb
Molybdenum	94-1	2352.16	2435.33	2461.05	2416.18	2.36	ppb
Molybdenum	95-1	2345.53	2417.36	2403.43	2388.77	1.59	ppb
Molybdenum	96-1	2319.06	2414.54	2408.16	2380.59	2.24	ppb
Molybdenum	97-1	2387.26	2426.93	2390.94	2401.71	0.91	ppb
Molybdenum	98-1	2354.92	2385.26	2407.54	2382.57	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.67	462.60	461.12	465.13	1.23	ppb
Phosphorus	31-2	41.56	-24.79	9.67	8.81	376.46	ppb
Potassium	39-2	27698.67	26795.05	26950.48	27148.06	1.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	434.77	441.21	435.50	437.16	0.81	ppb
Selenium	77-2	512.42	443.57	407.52	454.50	11.73	ppb
Selenium	78-2	460.96	429.51	448.13	446.20	3.54	ppb
Silicon	28-1	1740.17	1795.28	1828.31	1787.92	2.49	ppb
Silver	109-1	414.36	428.89	420.93	421.39	1.73	ppb
Silver	107-1	410.56	424.05	419.20	417.94	1.63	ppb
Sodium	23-2	2098297.80	2056494.28	2093165.61	2082652.56	1.09	ppb
Strontium	86-1	825.47	848.80	846.83	840.37	1.54	ppb
Strontium	88-1	835.99	858.83	860.49	851.77	1.61	ppb
Sulfur	34-1	11166.24	10954.91	10975.70	11032.28	1.06	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	457.39	465.69	465.69	462.92	1.03	ppb
Thallium	205-1	464.15	467.58	459.33	463.69	0.89	ppb
Tin	118-1	444.36	466.98	462.67	458.00	2.62	ppb
Titanium	47-1	2267.78	2374.44	2354.38	2332.20	2.43	ppb
Uranium	238-1	469.72	480.30	470.52	473.51	1.24	ppb
Vanadium	51-2	465.62	455.41	458.90	459.97	1.13	ppb
Yttrium	89-1				108		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-04	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:44:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	963.95	940.77	947.69	950.80	1.25	ppb
Zirconium	90-1	453.87	459.35	469.17	460.80	1.68	ppb
Zirconium	91-1	446.15	455.43	461.61	454.40	1.71	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-05 Instrumnet Name : P8
 Client Sample ID : 49-IW5677-121220MSD Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:47:38 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9513.68	9314.63	9377.66	9401.99	1.08	ppb
Antimony	121-1	385.87	397.41	406.34	396.54	2.59	ppb
Arsenic	75-2	482.50	480.65	489.52	484.22	0.97	ppb
Barium	135-1	2454.34	2496.13	2550.36	2500.27	1.93	ppb
Barium	137-1	2449.39	2504.49	2544.86	2499.58	1.92	ppb
Beryllium	9-1	367.97	382.42	386.80	379.06	2.60	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	508.68	539.16	565.49	537.78	5.29	ppb
Boron	11-1	500.92	534.94	551.62	529.16	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	436.23	443.61	453.36	444.40	1.93	ppb
Cadmium	106-1	446.15	448.45	452.16	448.92	0.67	ppb
Cadmium	108-1	437.56	451.25	468.03	452.28	3.37	ppb
Calcium	43-1	132047.78	134196.26	131471.73	132571.92	1.08	ppb
Calcium	44-1	130668.47	133320.62	134245.66	132744.92	1.40	ppb
Chromium	52-2	461.72	447.94	454.40	454.69	1.52	ppb
Cobalt	59-2	452.23	440.27	446.01	446.17	1.34	ppb
Copper	63-2	937.71	913.52	925.74	925.66	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				104		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	27815.97	27389.55	27424.39	27543.30	0.86	ppb
Iron	56-2	28483.74	27625.41	27549.25	27886.13	1.86	ppb
Iron	57-2	28099.35	27216.82	27413.57	27576.58	1.68	ppb
Krypton	83-1						cps
Lead	206-1	422.27	433.91	427.96	428.05	1.36	ppb
Lead	207-1	421.46	431.50	430.76	427.91	1.31	ppb
Lead	208-1	427.35	434.35	434.20	431.97	0.93	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-05 Instrumnet Name : P8
 Client Sample ID : 49-IW5677-121220MSD Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:47:38 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				130		%
Magnesium	24-2	105113.25	102485.47	102435.58	103344.77	1.48	ppb
Manganese	55-2	1342.02	1306.15	1316.45	1321.54	1.40	ppb
Molybdenum	94-1	2407.45	2505.71	2463.18	2458.78	2.00	ppb
Molybdenum	95-1	2389.22	2511.26	2484.54	2461.68	2.61	ppb
Molybdenum	96-1	2451.20	2528.22	2470.46	2483.29	1.61	ppb
Molybdenum	97-1	2435.93	2476.78	2510.33	2474.35	1.51	ppb
Molybdenum	98-1	2459.17	2476.75	2456.51	2464.14	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.75	464.23	465.16	467.71	1.12	ppb
Phosphorus	31-2	-39.03	-12.51	-30.06	-27.20		ppb
Potassium	39-2	27474.10	27378.42	27534.87	27462.46	0.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	456.02	459.33	458.10	457.82	0.36	ppb
Selenium	77-2	468.62	450.81	456.54	458.66	1.98	ppb
Selenium	78-2	447.61	437.75	454.94	446.76	1.93	ppb
Silicon	28-1	1801.54	1806.51	1813.73	1807.26	0.34	ppb
Silver	109-1	419.52	431.51	437.13	429.39	2.10	ppb
Silver	107-1	415.86	435.30	429.34	426.84	2.33	ppb
Sodium	23-2	2123959.77	2093229.14	2102110.13	2106433.01	0.75	ppb
Strontium	86-1	850.82	893.66	869.32	871.27	2.47	ppb
Strontium	88-1	868.62	910.06	874.57	884.42	2.53	ppb
Sulfur	34-1	11631.96	11072.42	11132.01	11278.80	2.72	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	454.38	464.39	470.74	463.17	1.78	ppb
Thallium	205-1	456.75	468.94	464.43	463.37	1.33	ppb
Tin	118-1	456.38	467.01	465.95	463.11	1.26	ppb
Titanium	47-1	2286.25	2351.85	2342.80	2326.97	1.53	ppb
Uranium	238-1	463.61	475.14	472.78	470.51	1.29	ppb
Vanadium	51-2	472.90	460.98	461.75	465.21	1.43	ppb
Yttrium	89-1				104		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-05	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:47:38	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	978.08	952.35	962.62	964.35	1.34	ppb
Zirconium	90-1	463.88	478.68	475.26	472.61	1.64	ppb
Zirconium	91-1	461.99	477.71	472.82	470.84	1.71	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:02:47	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48664.20	48897.75	48536.19	48699.38	0.38	ppb
Antimony	121-1	502.68	520.53	512.67	511.96	1.75	ppb
Arsenic	75-2	509.02	504.21	508.18	507.14	0.51	ppb
Barium	135-1	2501.74	2603.24	2591.57	2565.52	2.16	ppb
Barium	137-1	2522.11	2575.21	2581.82	2559.71	1.28	ppb
Beryllium	9-1	453.74	455.81	458.08	455.88	0.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	398.15	445.40	473.65	439.07	8.69	ppb
Boron	11-1	387.75	440.66	466.19	431.53	9.27	ppb
Bromine	81-1						cps
Cadmium	111-1	486.50	501.96	495.92	494.79	1.57	ppb
Cadmium	106-1	482.38	498.13	508.45	496.32	2.64	ppb
Cadmium	108-1	498.94	511.58	509.09	506.54	1.32	ppb
Calcium	43-1	232660.02	231137.85	231336.10	231711.32	0.36	ppb
Calcium	44-1	232395.58	230134.65	233431.80	231987.34	0.73	ppb
Chromium	52-2	507.73	514.09	508.70	510.18	0.67	ppb
Cobalt	59-2	500.23	501.68	502.59	501.50	0.24	ppb
Copper	63-2	4939.90	5060.75	5016.56	5005.74	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	120494.03	122035.42	124231.85	122253.77	1.54	ppb
Iron	56-2	122821.13	121791.06	124269.64	122960.61	1.01	ppb
Iron	57-2	124201.04	124071.81	124414.93	124229.26	0.14	ppb
Krypton	83-1						cps
Lead	206-1	2564.23	2520.30	2587.66	2557.40	1.34	ppb
Lead	207-1	2566.38	2524.46	2578.81	2556.55	1.11	ppb
Lead	208-1	2559.91	2540.35	2571.50	2557.25	0.62	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:02:47	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				122		%
Magnesium	24-2	246374.56	245669.31	246649.40	246231.09	0.21	ppb
Manganese	55-2	5219.89	5225.83	5276.40	5240.71	0.59	ppb
Molybdenum	94-1	2539.29	2641.23	2619.35	2599.96	2.06	ppb
Molybdenum	95-1	2537.14	2647.65	2589.04	2591.28	2.13	ppb
Molybdenum	96-1	2521.69	2647.51	2586.74	2585.31	2.43	ppb
Molybdenum	97-1	2483.65	2593.36	2554.67	2543.89	2.19	ppb
Molybdenum	98-1	2515.46	2590.44	2536.92	2547.61	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.39	504.71	503.77	502.62	0.56	ppb
Phosphorus	31-2	10304.87	10900.56	10472.18	10559.20	2.91	ppb
Potassium	39-2	121948.56	122689.70	122263.45	122300.57	0.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	488.56	518.50	509.12	505.39	3.03	ppb
Selenium	77-2	536.75	527.14	473.89	512.59	6.61	ppb
Selenium	78-2	516.04	513.57	505.38	511.66	1.09	ppb
Silicon	28-1	567.36	633.77	666.61	622.58	8.12	ppb
Silver	109-1	507.52	516.54	504.18	509.41	1.25	ppb
Silver	107-1	492.82	512.66	505.48	503.65	1.99	ppb
Sodium	23-2	236941.43	236695.57	235146.70	236261.23	0.41	ppb
Strontium	86-1	494.25	509.25	504.23	502.58	1.52	ppb
Strontium	88-1	508.92	527.96	517.07	517.98	1.84	ppb
Sulfur	34-1	7706.39	7395.27	6978.12	7359.93	4.96	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	499.64	496.11	514.47	503.41	1.94	ppb
Thallium	205-1	507.00	493.20	519.91	506.70	2.64	ppb
Tin	118-1	492.98	509.28	506.06	502.77	1.72	ppb
Titanium	47-1	2522.54	2566.69	2573.05	2554.09	1.08	ppb
Uranium	238-1	514.32	514.60	519.75	516.22	0.59	ppb
Vanadium	51-2	515.35	515.80	515.33	515.49	0.05	ppb
Yttrium	89-1				104		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:02:47	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	4981.05	4978.23	5019.83	4993.04	0.47	ppb
Zirconium	90-1	498.12	514.92	520.93	511.33	2.31	ppb
Zirconium	91-1	488.27	517.04	507.65	504.32	2.91	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:07:59	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.80	0.23	-1.00	0.34	413.50	ppb
Antimony	121-1	0.08	0.11	0.08	0.09	17.00	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.34	0.27	0.32	0.31	11.15	ppb
Barium	137-1	0.28	0.40	0.29	0.32	19.49	ppb
Beryllium	9-1	0.22	0.22	0.19	0.21	9.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	26.37	25.32	23.70	25.13	5.36	ppb
Boron	11-1	26.03	24.69	23.66	24.79	4.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.28	0.17	0.14	111.08	ppb
Cadmium	106-1	-0.81	2.57	1.26	1.01	168.69	ppb
Cadmium	108-1	-0.01	-0.25	0.08	-0.06		ppb
Calcium	43-1	30.35	25.00	18.30	24.55	24.59	ppb
Calcium	44-1	26.68	22.26	16.80	21.91	22.59	ppb
Chromium	52-2	0.14	0.04	0.05	0.08	70.64	ppb
Cobalt	59-2	0.03	0.00	0.01	0.02	91.42	ppb
Copper	63-2	0.75	0.62	0.48	0.62	22.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	12.35	8.46	4.18	8.33	49.06	ppb
Iron	56-2	9.76	7.13	5.17	7.35	31.32	ppb
Iron	57-2	10.29	8.18	6.09	8.19	25.65	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.38	0.33	0.37	9.50	ppb
Lead	207-1	0.42	0.37	0.27	0.35	21.53	ppb
Lead	208-1	0.37	0.35	0.29	0.34	13.46	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:07:59	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	22.51	18.44	9.82	16.92	38.26	ppb
Manganese	55-2	0.48	0.40	0.26	0.38	29.39	ppb
Molybdenum	94-1	0.38	0.33	0.22	0.31	26.64	ppb
Molybdenum	95-1	0.35	0.31	0.29	0.32	9.99	ppb
Molybdenum	96-1	0.38	0.28	0.27	0.31	19.82	ppb
Molybdenum	97-1	0.47	0.41	0.26	0.38	29.37	ppb
Molybdenum	98-1	0.37	0.35	0.23	0.32	24.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.15	-0.12	-0.12		ppb
Phosphorus	31-2	-99.90	-32.00	-45.60	-59.17		ppb
Potassium	39-2	68.16	71.26	75.78	71.73	5.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	2.68	-4.06	-2.84	-1.41		ppb
Selenium	77-2	-2.98	-0.75	-0.76	-1.50		ppb
Selenium	78-2	-0.49	-0.31	1.39	0.20	521.16	ppb
Silicon	28-1	29.25	25.74	11.83	22.27	41.37	ppb
Silver	109-1	0.13	0.12	0.10	0.12	11.92	ppb
Silver	107-1	0.12	0.10	0.09	0.10	14.39	ppb
Sodium	23-2	490.91	470.84	470.18	477.31	2.47	ppb
Strontium	86-1	0.19	0.23	-0.04	0.13	115.65	ppb
Strontium	88-1	0.08	0.06	0.07	0.07	11.61	ppb
Sulfur	34-1	-1305.54	-2137.85	-2672.60	-2038.66		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.08	0.08	0.10	28.56	ppb
Thallium	205-1	0.13	0.08	0.06	0.09	39.17	ppb
Tin	118-1	0.00	-0.03	-0.02	-0.02		ppb
Titanium	47-1	-0.02	-0.14	0.00	-0.05		ppb
Uranium	238-1	0.05	0.06	0.05	0.05	15.49	ppb
Vanadium	51-2	0.05	0.01	0.01	0.02	86.39	ppb
Yttrium	89-1				98		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:07:59	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.42	0.33	0.87	0.54	53.54	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	11.76	ppb
Zirconium	91-1	0.07	0.09	0.05	0.07	28.30	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03A	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:14:45	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9811.39	9664.30	9434.15	9636.61	1.97	ppb
Antimony	121-1	386.05	395.96	424.20	402.07	4.92	ppb
Arsenic	75-2	493.80	486.10	476.75	485.55	1.76	ppb
Barium	135-1	2398.14	2506.78	2679.82	2528.25	5.62	ppb
Barium	137-1	2436.22	2570.95	2731.48	2579.55	5.73	ppb
Beryllium	9-1	413.95	424.29	430.05	422.76	1.93	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	10-1	533.98	579.90	605.30	573.06	6.31	ppb
Boron	11-1	524.97	566.75	597.42	563.05	6.46	ppb
Bromine	81-1						cps
Cadmium	111-1	432.01	446.57	476.77	451.78	5.05	ppb
Cadmium	106-1	428.38	452.29	478.90	453.19	5.58	ppb
Cadmium	108-1	442.33	449.94	486.00	459.42	5.08	ppb
Calcium	43-1	128905.68	133459.69	146152.95	136172.77	6.56	ppb
Calcium	44-1	129146.18	132390.63	145103.08	135546.63	6.22	ppb
Chromium	52-2	473.11	462.58	457.51	464.40	1.71	ppb
Cobalt	59-2	458.66	452.19	446.82	452.56	1.31	ppb
Copper	63-2	958.60	936.11	928.38	941.03	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				97		%
Indium	115-2				107		%
Iron	54-2	28576.41	28031.77	27720.44	28109.54	1.54	ppb
Iron	56-2	28664.98	28160.06	28002.54	28275.86	1.22	ppb
Iron	57-2	28328.88	28019.78	27668.54	28005.73	1.18	ppb
Krypton	83-1						cps
Lead	206-1	427.37	442.11	461.23	443.57	3.83	ppb
Lead	207-1	429.05	444.34	466.03	446.47	4.16	ppb
Lead	208-1	430.64	445.17	466.28	447.36	4.01	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03A	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:14:45	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	107057.98	107085.69	103887.29	106010.32	1.73	ppb
Manganese	55-2	1372.22	1351.95	1319.44	1347.87	1.98	ppb
Molybdenum	94-1	2358.09	2421.00	2635.84	2471.64	5.89	ppb
Molybdenum	95-1	2368.72	2417.19	2684.76	2490.22	6.84	ppb
Molybdenum	96-1	2387.89	2423.40	2670.20	2493.83	6.17	ppb
Molybdenum	97-1	2326.39	2428.67	2640.06	2465.04	6.49	ppb
Molybdenum	98-1	2338.13	2417.00	2600.87	2452.00	5.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.34	474.00	467.12	475.15	1.82	ppb
Phosphorus	31-2	-19.68	22.10	-37.22	-11.60		ppb
Potassium	39-2	28812.51	28017.56	27769.80	28199.96	1.93	ppb
Rhodium	103-1				95		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	82-1	438.56	442.38	483.05	454.66	5.42	ppb
Selenium	77-2	473.21	471.44	517.86	487.50	5.40	ppb
Selenium	78-2	460.98	444.71	451.21	452.30	1.81	ppb
Silicon	28-1	1729.86	1894.70	2053.47	1892.68	8.55	ppb
Silver	109-1	391.95	422.27	454.60	422.94	7.41	ppb
Silver	107-1	402.22	422.97	443.64	422.94	4.90	ppb
Sodium	23-2	2175646.78	2159847.59	2127352.91	2154282.42	1.14	ppb
Strontium	86-1	841.49	855.98	926.31	874.59	5.19	ppb
Strontium	88-1	860.68	868.93	949.78	893.13	5.51	ppb
Sulfur	34-1	10565.46	13642.70	17514.16	13907.44	25.04	ppb
Terbium	159-1				100		%
Terbium	159-2				109		%
Thallium	203-1	458.59	475.33	501.11	478.34	4.48	ppb
Thallium	205-1	451.85	477.28	498.23	475.79	4.88	ppb
Tin	118-1	450.91	472.58	496.46	473.32	4.81	ppb
Titanium	47-1	2279.76	2397.91	2517.23	2398.30	4.95	ppb
Uranium	238-1	475.27	482.54	511.99	489.93	3.97	ppb
Vanadium	51-2	482.88	473.30	466.69	474.29	1.72	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03A	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:14:45	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	999.43	977.10	953.51	976.68	2.35	ppb
Zirconium	90-1	462.06	471.74	516.95	483.58	6.06	ppb
Zirconium	91-1	449.06	461.23	501.73	470.68	5.86	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : PB133718BL Instrumnet Name : P8
 Client Sample ID : PB133718BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:23:13 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	-2.12	-1.91	-1.24		ppb
Antimony	121-1	0.05	0.04	0.04	0.04	9.67	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	650.90	ppb
Barium	135-1	0.10	0.11	0.02	0.08	70.05	ppb
Barium	137-1	0.09	0.07	0.03	0.06	53.35	ppb
Beryllium	9-1	0.15	0.14	0.14	0.14	4.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	11.68	12.72	11.48	11.96	5.54	ppb
Boron	11-1	12.89	12.26	11.51	12.22	5.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.17	-0.12	-0.11		ppb
Cadmium	106-1	-1.08	-2.63	-1.66	-1.79		ppb
Cadmium	108-1	-0.08	-0.02	-0.09	-0.06		ppb
Calcium	43-1	-2.21	-4.87	-4.30	-3.80		ppb
Calcium	44-1	-0.54	-8.59	-9.90	-6.34		ppb
Chromium	52-2	0.02	0.03	-0.01	0.01	123.49	ppb
Cobalt	59-2	0.01	0.00	-0.02	0.00		ppb
Copper	63-2	0.10	0.25	0.17	0.17	43.41	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				101		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	1.68	1.81	0.02	1.17	85.04	ppb
Iron	56-2	1.35	0.98	1.33	1.22	17.20	ppb
Iron	57-2	-1.29	-1.65	3.07	0.04	6308.96	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.03	0.02	92.31	ppb
Lead	207-1	0.04	0.04	0.02	0.03	31.49	ppb
Lead	208-1	0.04	0.03	0.01	0.03	48.83	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BL	Instrumnet Name :	P8
Client Sample ID :	PB133718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:23:13	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	4.98	6.42	8.68	6.69	27.85	ppb
Manganese	55-2	0.10	-0.01	0.01	0.03	196.01	ppb
Molybdenum	94-1	0.08	0.07	0.12	0.09	32.08	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.08	9.61	ppb
Molybdenum	96-1	0.03	0.10	0.00	0.05	117.33	ppb
Molybdenum	97-1	0.07	0.07	0.04	0.06	34.47	ppb
Molybdenum	98-1	0.10	0.09	0.08	0.09	13.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.22	-0.13	-0.19		ppb
Phosphorus	31-2	-52.31	-88.13	-80.92	-73.78		ppb
Potassium	39-2	66.77	56.18	73.93	65.63	13.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	3.85	0.05	0.68	1.53	133.19	ppb
Selenium	77-2	-2.98	-0.87	-2.98	-2.28		ppb
Selenium	78-2	2.84	-0.77	-1.61	0.15	1530.92	ppb
Silicon	28-1	36.15	-6.72	-22.82	2.20	1384.04	ppb
Silver	109-1	0.13	0.09	0.12	0.11	17.35	ppb
Silver	107-1	0.12	0.10	0.10	0.11	8.13	ppb
Sodium	23-2	558.08	540.92	527.87	542.29	2.79	ppb
Strontium	86-1	-0.12	-0.07	-0.31	-0.17		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	18.63	ppb
Sulfur	34-1	-763.70	-3877.00	-4005.67	-2882.13		ppb
Terbium	159-1				101		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.01	0.00	0.00	158.34	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.05	-0.05	-0.07	-0.06		ppb
Titanium	47-1	-0.06	-0.19	-0.09	-0.11		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	37.85	ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00		ppb
Yttrium	89-1				100		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BL	Instrumnet Name :	P8
Client Sample ID :	PB133718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:23:13	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	0.43	-0.05	0.03	0.13	192.93	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	248.03	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	15.21	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BS	Instrumnet Name :	P8
Client Sample ID :	PB133718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:28:57	DataFile Name :	046LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9934.60	9749.18	10217.08	9966.95	2.36	ppb
Antimony	121-1	520.17	519.64	523.18	521.00	0.37	ppb
Arsenic	75-2	503.36	494.09	521.74	506.40	2.78	ppb
Barium	135-1	2537.99	2574.17	2550.73	2554.30	0.72	ppb
Barium	137-1	2569.49	2595.68	2558.28	2574.48	0.75	ppb
Beryllium	9-1	465.13	472.00	471.88	469.67	0.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	354.40	406.09	442.16	400.88	11.00	ppb
Boron	11-1	350.19	409.35	440.81	400.12	11.50	ppb
Bromine	81-1						cps
Cadmium	111-1	505.95	509.28	505.36	506.86	0.42	ppb
Cadmium	106-1	503.52	509.62	512.57	508.57	0.91	ppb
Cadmium	108-1	505.28	507.77	516.38	509.81	1.14	ppb
Calcium	43-1	46682.62	47153.79	46692.16	46842.86	0.57	ppb
Calcium	44-1	47001.79	47154.43	46369.21	46841.81	0.89	ppb
Chromium	52-2	506.96	494.96	526.80	509.57	3.16	ppb
Cobalt	59-2	498.93	494.38	515.13	502.81	2.17	ppb
Copper	63-2	5026.85	5083.38	5261.20	5123.81	2.39	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				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	24898.26	24531.40	25782.33	25070.66	2.56	ppb
Iron	56-2	25017.93	24543.56	25727.63	25096.37	2.37	ppb
Iron	57-2	24554.91	24362.92	25584.24	24834.03	2.64	ppb
Krypton	83-1						cps
Lead	206-1	2479.02	2510.77	2491.13	2493.64	0.64	ppb
Lead	207-1	2527.91	2516.14	2509.48	2517.85	0.37	ppb
Lead	208-1	2502.28	2491.47	2471.32	2488.36	0.63	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BS	Instrumnet Name :	P8
Client Sample ID :	PB133718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:28:57	DataFile Name :	046LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	50453.47	50396.49	51196.15	50682.04	0.88	ppb
Manganese	55-2	5166.12	5175.59	5341.35	5227.69	1.89	ppb
Molybdenum	94-1	2515.71	2529.52	2627.64	2557.62	2.39	ppb
Molybdenum	95-1	2480.99	2518.07	2588.52	2529.20	2.16	ppb
Molybdenum	96-1	2500.21	2536.49	2607.25	2547.99	2.14	ppb
Molybdenum	97-1	2505.38	2515.39	2630.66	2550.48	2.73	ppb
Molybdenum	98-1	2436.41	2524.81	2558.78	2506.67	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.66	499.32	522.00	509.66	2.25	ppb
Phosphorus	31-2	9708.60	9732.15	10251.83	9897.53	3.10	ppb
Potassium	39-2	25089.44	24952.40	25817.47	25286.44	1.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	486.64	503.91	506.74	499.10	2.18	ppb
Selenium	77-2	520.01	492.86	502.88	505.25	2.72	ppb
Selenium	78-2	514.57	505.58	506.92	509.02	0.95	ppb
Silicon	28-1	473.18	460.51	459.61	464.43	1.63	ppb
Silver	109-1	519.64	525.75	528.15	524.52	0.84	ppb
Silver	107-1	519.97	518.33	514.71	517.67	0.52	ppb
Sodium	23-2	42848.50	42320.01	43701.26	42956.59	1.62	ppb
Strontium	86-1	490.83	499.20	509.55	499.86	1.88	ppb
Strontium	88-1	500.39	509.70	518.57	509.55	1.78	ppb
Sulfur	34-1	7974.49	7562.30	6553.80	7363.53	9.93	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	491.87	497.83	490.65	493.45	0.78	ppb
Thallium	205-1	493.65	501.59	491.05	495.43	1.11	ppb
Tin	118-1	514.10	503.26	511.11	509.49	1.10	ppb
Titanium	47-1	2476.52	2537.91	2484.61	2499.68	1.33	ppb
Uranium	238-1	489.28	491.80	492.00	491.02	0.31	ppb
Vanadium	51-2	500.75	496.80	519.67	505.74	2.42	ppb
Yttrium	89-1				104		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BS	Instrumnet Name :	P8
Client Sample ID :	PB133718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:28:57	DataFile Name :	046LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	5054.46	4990.89	5233.91	5093.09	2.47	ppb
Zirconium	90-1	498.61	511.94	514.70	508.42	1.69	ppb
Zirconium	91-1	485.59	494.66	497.68	492.64	1.28	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5094-17DLX5	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320DL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:31:45	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.28	10.92	56.84	25.68	105.13	ppb
Antimony	121-1	0.50	0.42	0.40	0.44	12.74	ppb
Arsenic	75-2	27.97	28.94	27.78	28.23	2.21	ppb
Barium	135-1	108.93	109.79	111.00	109.91	0.95	ppb
Barium	137-1	110.90	110.00	111.23	110.71	0.58	ppb
Beryllium	9-1	0.46	0.52	0.40	0.46	13.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	69.95	64.73	58.27	64.32	9.10	ppb
Boron	11-1	68.77	63.57	57.33	63.22	9.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.22	0.30	0.23	30.34	ppb
Cadmium	106-1	-1.58	-0.74	-0.11	-0.81		ppb
Cadmium	108-1	0.30	0.14	-0.10	0.11	178.52	ppb
Calcium	43-1	14836.32	14850.55	14978.09	14888.32	0.52	ppb
Calcium	44-1	14700.69	15372.87	15041.00	15038.19	2.23	ppb
Chromium	52-2	0.25	0.22	0.51	0.33	48.80	ppb
Cobalt	59-2	2.40	2.52	2.68	2.53	5.49	ppb
Copper	63-2	2.54	1.92	2.62	2.36	16.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	8517.35	8552.52	8308.39	8459.42	1.56	ppb
Iron	56-2	8721.62	8815.42	8499.80	8678.95	1.87	ppb
Iron	57-2	8666.76	8620.71	8441.62	8576.37	1.39	ppb
Krypton	83-1						cps
Lead	206-1	1.61	1.60	1.34	1.52	9.85	ppb
Lead	207-1	1.51	1.37	1.27	1.38	8.82	ppb
Lead	208-1	1.58	1.47	1.30	1.45	9.83	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5094-17DLX5	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320DL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:31:45	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	3147.87	3162.97	3486.99	3265.94	5.87	ppb
Manganese	55-2	2357.10	2393.80	2290.82	2347.24	2.22	ppb
Molybdenum	94-1	2.33	2.21	1.79	2.11	13.27	ppb
Molybdenum	95-1	2.33	2.22	2.25	2.27	2.61	ppb
Molybdenum	96-1	2.35	2.78	2.01	2.38	16.33	ppb
Molybdenum	97-1	2.43	2.54	2.40	2.46	2.93	ppb
Molybdenum	98-1	2.29	2.28	2.24	2.27	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.03	0.24	0.15	70.66	ppb
Phosphorus	31-2	-14.29	-69.57	-34.91	-39.59		ppb
Potassium	39-2	1148.48	1160.77	1209.07	1172.77	2.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.85	0.75	2.08	0.66	222.29	ppb
Selenium	77-2	-2.98	-0.88	3.20	-0.22		ppb
Selenium	78-2	1.47	-0.05	2.30	1.24	96.21	ppb
Silicon	28-1	1005.76	985.94	958.97	983.56	2.39	ppb
Silver	109-1	0.37	0.26	0.28	0.31	19.11	ppb
Silver	107-1	0.34	0.33	0.25	0.31	17.03	ppb
Sodium	23-2	106998.68	108000.05	106482.13	107160.28	0.72	ppb
Strontium	86-1	108.22	112.91	113.07	111.40	2.48	ppb
Strontium	88-1	111.98	115.89	116.19	114.69	2.05	ppb
Sulfur	34-1	-4555.68	-5789.58	-5122.87	-5156.04		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.38	0.32	0.34	0.35	8.12	ppb
Thallium	205-1	0.37	0.40	0.25	0.34	23.10	ppb
Tin	118-1	0.25	0.30	0.22	0.26	15.75	ppb
Titanium	47-1	2.01	1.30	1.34	1.55	25.55	ppb
Uranium	238-1	0.31	0.30	0.27	0.29	7.21	ppb
Vanadium	51-2	0.35	0.29	0.54	0.39	34.13	ppb
Yttrium	89-1				104		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5094-17DLX5	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320DL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:31:45	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	2.54	2.04	2.87	2.49	16.97	ppb
Zirconium	90-1	0.34	0.32	0.32	0.33	2.46	ppb
Zirconium	91-1	0.27	0.32	0.35	0.31	11.97	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:34:35 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.72	31.69	32.52	32.31	1.69	ppb
Antimony	121-1	0.06	0.10	0.09	0.08	24.64	ppb
Arsenic	75-2	19.28	20.14	19.33	19.59	2.47	ppb
Barium	135-1	254.50	265.50	263.00	261.00	2.21	ppb
Barium	137-1	261.04	262.69	265.36	263.03	0.83	ppb
Beryllium	9-1	0.20	0.19	0.13	0.17	20.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	50.68	54.70	58.53	54.64	7.19	ppb
Boron	11-1	51.74	55.12	57.47	54.78	5.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.11	-0.03	-0.02		ppb
Cadmium	106-1	0.27	-2.19	-1.01	-0.98		ppb
Cadmium	108-1	-0.03	-0.33	-0.25	-0.20		ppb
Calcium	43-1	101320.38	101085.21	100439.28	100948.29	0.45	ppb
Calcium	44-1	99791.42	101871.17	101366.08	101009.56	1.07	ppb
Chromium	52-2	0.49	0.35	0.36	0.40	19.44	ppb
Cobalt	59-2	0.64	0.64	0.61	0.63	2.95	ppb
Copper	63-2	0.47	0.56	0.46	0.50	10.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	2634.52	2638.16	2591.69	2621.46	0.99	ppb
Iron	56-2	2656.00	2701.41	2741.09	2699.50	1.58	ppb
Iron	57-2	2684.85	2646.22	2634.66	2655.24	0.99	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.11	0.12	0.14	26.83	ppb
Lead	207-1	0.16	0.19	0.17	0.17	8.26	ppb
Lead	208-1	0.16	0.15	0.13	0.15	8.49	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:34:35 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	35779.27	36707.25	35738.86	36075.12	1.52	ppb
Manganese	55-2	1092.80	1108.93	1094.66	1098.79	0.80	ppb
Molybdenum	94-1	0.38	0.48	0.35	0.41	17.04	ppb
Molybdenum	95-1	0.41	0.52	0.51	0.48	12.31	ppb
Molybdenum	96-1	0.48	0.46	0.50	0.48	4.30	ppb
Molybdenum	97-1	0.56	0.57	0.50	0.55	6.81	ppb
Molybdenum	98-1	0.58	0.51	0.47	0.52	10.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.70	1.57	1.88	1.72	8.91	ppb
Phosphorus	31-2	-69.09	-101.43	-2.71	-57.74		ppb
Potassium	39-2	9908.79	10115.13	10055.32	10026.41	1.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	-1.27	4.79	-0.83	0.90	377.57	ppb
Selenium	77-2	-0.92	-2.98	-0.95	-1.62		ppb
Selenium	78-2	-0.76	-1.00	0.36	-0.47		ppb
Silicon	28-1	8657.94	8566.36	8578.93	8601.07	0.58	ppb
Silver	109-1	0.04	0.08	0.05	0.06	31.93	ppb
Silver	107-1	0.06	0.06	0.05	0.06	8.77	ppb
Sodium	23-2	261490.01	266888.41	261723.96	263367.46	1.16	ppb
Strontium	86-1	804.67	824.62	824.59	817.96	1.41	ppb
Strontium	88-1	823.52	833.70	837.44	831.55	0.87	ppb
Sulfur	34-1	-806.33	-925.07	-2153.20	-1294.87		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.01	0.01	0.01	23.70	ppb
Thallium	205-1	0.01	-0.02	0.00	0.00		ppb
Tin	118-1	0.21	0.33	0.26	0.27	23.01	ppb
Titanium	47-1	1.86	1.71	1.92	1.83	5.99	ppb
Uranium	238-1	0.43	0.43	0.42	0.43	1.35	ppb
Vanadium	51-2	0.15	0.08	0.11	0.11	29.28	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:34:35	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	4.37	4.17	5.03	4.52	9.95	ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	28.81	ppb
Zirconium	91-1	0.10	0.03	0.07	0.07	54.64	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15DUP Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:37:23 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.28	31.97	29.36	30.87	4.38	ppb
Antimony	121-1	0.04	0.05	0.08	0.06	32.62	ppb
Arsenic	75-2	20.13	19.89	19.37	19.80	1.97	ppb
Barium	135-1	258.23	351.46	279.32	296.34	16.50	ppb
Barium	137-1	256.91	350.57	283.35	296.95	16.26	ppb
Beryllium	9-1	0.11	0.15	0.08	0.11	30.92	ppb
Bismuth	209-1				96		%
Bismuth	209-2				106		%
Boron	10-1	43.75	60.61	49.71	51.36	16.65	ppb
Boron	11-1	44.33	61.14	51.10	52.19	16.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.03	-0.06	0.00	2703.52	ppb
Cadmium	106-1	0.24	0.31	-0.83	-0.09		ppb
Cadmium	108-1	-0.11	0.27	-0.01	0.05	375.06	ppb
Calcium	43-1	100288.32	136584.13	109261.51	115377.99	16.39	ppb
Calcium	44-1	99858.19	136586.87	108575.90	115006.99	16.69	ppb
Chromium	52-2	0.22	0.23	0.26	0.24	8.37	ppb
Cobalt	59-2	0.69	0.65	0.63	0.66	4.75	ppb
Copper	63-2	0.38	0.34	0.36	0.36	6.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				110		%
Indium	115-1				98		%
Indium	115-2				109		%
Iron	54-2	2632.72	2692.80	2653.17	2659.56	1.15	ppb
Iron	56-2	2708.45	2763.98	2753.43	2741.95	1.08	ppb
Iron	57-2	2640.79	2677.04	2726.42	2681.42	1.60	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.18	0.09	0.12	44.62	ppb
Lead	207-1	0.16	0.15	0.11	0.14	19.45	ppb
Lead	208-1	0.10	0.17	0.10	0.13	31.57	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15DUP Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:37:23 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	37322.44	37129.65	36506.24	36986.11	1.15	ppb
Manganese	55-2	1112.19	1126.95	1102.45	1113.86	1.11	ppb
Molybdenum	94-1	0.39	0.58	0.35	0.44	27.61	ppb
Molybdenum	95-1	0.44	0.56	0.43	0.47	14.86	ppb
Molybdenum	96-1	0.35	0.59	0.37	0.44	29.47	ppb
Molybdenum	97-1	0.46	0.44	0.54	0.48	10.10	ppb
Molybdenum	98-1	0.51	0.55	0.44	0.50	11.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.60	1.61	1.39	1.53	7.95	ppb
Phosphorus	31-2	-53.23	-57.87	-62.84	-57.98		ppb
Potassium	39-2	10051.92	10169.09	10014.91	10078.64	0.80	ppb
Rhodium	103-1				95		%
Rhodium	103-2				106		%
Scandium	45-1				97		%
Scandium	45-2				110		%
Selenium	82-1	3.40	3.69	1.32	2.80	46.03	ppb
Selenium	77-2	-0.97	-0.96	-0.96	-0.96		ppb
Selenium	78-2	0.82	-1.98	-0.56	-0.58		ppb
Silicon	28-1	8583.29	11892.81	9350.99	9942.36	17.42	ppb
Silver	109-1	0.06	0.11	0.08	0.08	29.48	ppb
Silver	107-1	0.05	0.11	0.09	0.08	33.66	ppb
Sodium	23-2	265333.18	270686.39	267101.76	267707.11	1.02	ppb
Strontium	86-1	791.59	1109.94	878.53	926.69	17.76	ppb
Strontium	88-1	806.83	1122.66	890.13	939.87	17.42	ppb
Sulfur	34-1	-824.58	13959.40	1774.10	4969.64	158.83	ppb
Terbium	159-1				97		%
Terbium	159-2				113		%
Thallium	203-1	-0.01	0.02	0.00	0.00	279.04	ppb
Thallium	205-1	-0.02	0.01	-0.03	-0.01		ppb
Tin	118-1	0.17	0.29	0.17	0.21	33.21	ppb
Titanium	47-1	1.74	2.42	1.99	2.05	16.85	ppb
Uranium	238-1	0.35	0.52	0.42	0.43	19.91	ppb
Vanadium	51-2	0.12	0.10	0.11	0.11	9.38	ppb
Yttrium	89-1				97		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15DUP	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:37:23	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	5.32	5.57	5.89	5.59	5.07	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	15.18	ppb
Zirconium	91-1	0.05	0.07	0.07	0.06	14.99	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15LX5	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:40:14	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.27	6.17	5.37	5.60	8.73	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	32.03	ppb
Arsenic	75-2	3.70	3.64	3.51	3.62	2.62	ppb
Barium	135-1	49.68	49.94	50.37	50.00	0.69	ppb
Barium	137-1	48.98	49.61	49.90	49.50	0.95	ppb
Beryllium	9-1	0.11	0.10	0.12	0.11	9.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	20.83	19.47	18.96	19.75	4.91	ppb
Boron	11-1	19.24	20.28	19.84	19.79	2.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.15	-0.18	-0.12		ppb
Cadmium	106-1	-0.51	-2.40	-2.24	-1.72		ppb
Cadmium	108-1	-0.01	-0.01	0.14	0.04	222.17	ppb
Calcium	43-1	19069.52	19158.55	19647.99	19292.02	1.61	ppb
Calcium	44-1	19130.51	19891.18	19652.78	19558.16	1.99	ppb
Chromium	52-2	0.09	0.06	0.10	0.08	27.62	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	2.06	ppb
Copper	63-2	0.39	0.27	0.33	0.33	18.85	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				102		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	515.45	505.61	493.21	504.76	2.21	ppb
Iron	56-2	512.00	512.31	502.08	508.80	1.14	ppb
Iron	57-2	498.68	490.52	486.35	491.85	1.28	ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	0.02	0.01	168.97	ppb
Lead	207-1	0.11	0.00	0.05	0.05	97.83	ppb
Lead	208-1	0.04	0.02	0.02	0.03	46.49	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15LX5 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 5
 Date & Time Acquired :: 2020-12-24 17:40:14 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	6940.03	7022.82	6835.17	6932.67	1.36	ppb
Manganese	55-2	211.69	209.19	207.42	209.43	1.03	ppb
Molybdenum	94-1	0.03	0.07	0.09	0.06	45.62	ppb
Molybdenum	95-1	0.13	0.06	0.11	0.10	34.43	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	27.02	ppb
Molybdenum	97-1	0.05	0.13	0.07	0.09	49.46	ppb
Molybdenum	98-1	0.10	0.10	0.08	0.09	9.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.26	0.18	0.22	18.06	ppb
Phosphorus	31-2	-36.80	-76.62	-101.03	-71.48		ppb
Potassium	39-2	1987.56	1968.99	1914.49	1957.01	1.94	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.72	0.53	1.11	0.79	38.10	ppb
Selenium	77-2	-0.88	-2.98	-0.91	-1.59		ppb
Selenium	78-2	-0.25	-1.00	-0.73	-0.66		ppb
Silicon	28-1	1580.24	1560.97	1620.12	1587.11	1.90	ppb
Silver	109-1	0.08	0.09	0.08	0.08	9.63	ppb
Silver	107-1	0.08	0.06	0.07	0.07	17.86	ppb
Sodium	23-2	51735.38	50824.07	50413.82	50991.09	1.33	ppb
Strontium	86-1	157.27	157.40	156.06	156.91	0.47	ppb
Strontium	88-1	159.44	163.29	164.88	162.54	1.72	ppb
Sulfur	34-1	-3507.87	-3976.45	-3429.13	-3637.82		ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	0.00	-0.04	-0.05	-0.03		ppb
Titanium	47-1	0.17	0.31	0.37	0.28	35.19	ppb
Uranium	238-1	0.09	0.08	0.07	0.08	11.20	ppb
Vanadium	51-2	0.01	0.01	0.03	0.02	90.79	ppb
Yttrium	89-1				103		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15LX5	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:40:14	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	0.96	0.79	0.78	0.84	12.11	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.87	ppb
Zirconium	91-1	-0.01	0.04	-0.03	0.00	1211.79	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-16	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:43:02	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9250.78	9077.27	9209.17	9179.07	0.99	ppb
Antimony	121-1	439.96	456.42	454.73	450.37	2.01	ppb
Arsenic	75-2	486.81	484.79	482.64	484.75	0.43	ppb
Barium	135-1	2527.99	2615.91	2590.55	2578.15	1.76	ppb
Barium	137-1	2517.05	2652.53	2654.03	2607.87	3.02	ppb
Beryllium	9-1	429.29	447.20	429.92	435.47	2.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	490.57	539.05	544.79	524.80	5.68	ppb
Boron	11-1	486.39	537.73	546.05	523.39	6.17	ppb
Bromine	81-1						cps
Cadmium	111-1	429.01	452.63	452.22	444.62	3.04	ppb
Cadmium	106-1	427.03	445.36	443.40	438.60	2.29	ppb
Cadmium	108-1	442.44	450.47	452.76	448.56	1.21	ppb
Calcium	43-1	182171.43	190075.32	184853.32	185700.02	2.16	ppb
Calcium	44-1	178234.37	187670.60	188655.88	184853.62	3.11	ppb
Chromium	52-2	456.61	449.99	454.33	453.64	0.74	ppb
Cobalt	59-2	446.86	442.47	447.82	445.71	0.64	ppb
Copper	63-2	937.45	915.44	935.04	929.31	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	25272.31	25005.69	25161.30	25146.43	0.53	ppb
Iron	56-2	25112.52	25249.41	25170.73	25177.55	0.27	ppb
Iron	57-2	25103.12	25021.26	24860.43	24994.94	0.49	ppb
Krypton	83-1						cps
Lead	206-1	418.59	423.63	427.07	423.10	1.01	ppb
Lead	207-1	418.05	422.03	422.90	420.99	0.61	ppb
Lead	208-1	420.36	422.40	428.77	423.84	1.04	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-16 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:43:02 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	127798.70	125909.35	124958.68	126222.24	1.15	ppb
Manganese	55-2	2014.78	1978.97	2013.93	2002.56	1.02	ppb
Molybdenum	94-1	2359.90	2316.01	2348.67	2341.53	0.97	ppb
Molybdenum	95-1	2391.50	2316.67	2399.65	2369.27	1.93	ppb
Molybdenum	96-1	2386.97	2337.44	2409.69	2378.04	1.55	ppb
Molybdenum	97-1	2367.17	2307.98	2389.09	2354.75	1.78	ppb
Molybdenum	98-1	2369.49	2302.27	2390.23	2354.00	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.60	467.60	475.35	471.18	0.83	ppb
Phosphorus	31-2	-16.67	-32.33	-46.11	-31.70		ppb
Potassium	39-2	32944.64	32227.64	32942.90	32705.06	1.26	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	441.50	444.32	457.52	447.78	1.91	ppb
Selenium	77-2	479.43	455.32	480.67	471.81	3.03	ppb
Selenium	78-2	447.37	459.22	441.46	449.35	2.01	ppb
Silicon	28-1	8513.32	8730.38	8582.71	8608.80	1.29	ppb
Silver	109-1	344.82	344.59	456.65	382.02	16.92	ppb
Silver	107-1	336.08	347.28	352.75	345.37	2.46	ppb
Sodium	23-2	328407.45	324864.25	327824.78	327032.16	0.58	ppb
Strontium	86-1	1224.06	1200.16	1226.53	1216.91	1.20	ppb
Strontium	88-1	1229.13	1251.34	1250.28	1243.58	1.01	ppb
Sulfur	34-1	-1044.23	-1422.06	-400.28	-955.53		ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	446.93	460.35	460.68	455.99	1.72	ppb
Thallium	205-1	458.24	458.85	458.41	458.50	0.07	ppb
Tin	118-1	444.03	461.75	463.96	456.58	2.39	ppb
Titanium	47-1	2281.61	2317.67	2344.65	2314.64	1.37	ppb
Uranium	238-1	454.61	460.26	468.41	461.09	1.50	ppb
Vanadium	51-2	462.04	455.71	462.07	459.94	0.80	ppb
Yttrium	89-1				109		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-16	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:43:02	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	926.62	915.27	922.27	921.39	0.62	ppb
Zirconium	90-1	457.73	455.06	461.97	458.25	0.76	ppb
Zirconium	91-1	446.15	447.55	455.01	449.57	1.06	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-17 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:45:52 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9452.33	9261.78	9316.17	9343.43	1.05	ppb
Antimony	121-1	326.39	327.10	323.90	325.80	0.52	ppb
Arsenic	75-2	362.09	359.80	361.79	361.23	0.34	ppb
Barium	135-1	2634.43	2645.33	2630.85	2636.87	0.29	ppb
Barium	137-1	2684.85	2634.41	2636.12	2651.80	1.08	ppb
Beryllium	9-1	321.02	310.76	321.52	317.77	1.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	547.49	554.50	593.70	565.23	4.41	ppb
Boron	11-1	537.76	550.11	587.44	558.43	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	326.80	328.24	321.19	325.41	1.15	ppb
Cadmium	106-1	327.69	333.75	321.81	327.75	1.82	ppb
Cadmium	108-1	326.82	333.41	323.11	327.78	1.59	ppb
Calcium	43-1	198714.43	186291.72	187855.20	190953.78	3.54	ppb
Calcium	44-1	194545.75	185647.23	186246.64	188813.21	2.63	ppb
Chromium	52-2	333.31	325.67	327.21	328.73	1.23	ppb
Cobalt	59-2	331.25	321.99	324.06	325.77	1.49	ppb
Copper	63-2	959.47	935.36	938.79	944.54	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				112		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	54-2	25576.83	25256.92	25594.45	25476.07	0.75	ppb
Iron	56-2	25467.94	25726.74	25538.54	25577.74	0.52	ppb
Iron	57-2	25676.66	25233.32	25181.70	25363.89	1.07	ppb
Krypton	83-1						cps
Lead	206-1	316.94	312.04	312.59	313.85	0.86	ppb
Lead	207-1	317.05	310.91	310.83	312.93	1.14	ppb
Lead	208-1	316.01	312.10	311.91	313.34	0.74	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-17 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:45:52 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	130204.85	128893.23	128748.44	129282.17	0.62	ppb
Manganese	55-2	2039.99	2019.78	2024.35	2028.04	0.52	ppb
Molybdenum	94-1	2247.82	2194.71	2268.50	2237.01	1.70	ppb
Molybdenum	95-1	2464.11	2393.04	2476.06	2444.40	1.84	ppb
Molybdenum	96-1	2438.08	2390.84	2436.00	2421.64	1.10	ppb
Molybdenum	97-1	2437.99	2375.87	2476.58	2430.15	2.09	ppb
Molybdenum	98-1	2442.35	2389.24	2431.26	2420.95	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	384.28	374.75	381.65	380.23	1.29	ppb
Phosphorus	31-2	-28.65	-43.59	-4.74	-25.66		ppb
Potassium	39-2	33283.53	33782.37	33033.43	33366.44	1.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	328.62	320.62	336.15	328.46	2.36	ppb
Selenium	77-2	404.96	377.24	304.25	362.15	14.37	ppb
Selenium	78-2	320.44	325.68	324.60	323.57	0.85	ppb
Silicon	28-1	8678.84	8521.76	8570.40	8590.33	0.94	ppb
Silver	109-1	284.48	226.69	359.89	290.35	23.00	ppb
Silver	107-1	204.19	275.80	245.29	241.76	14.86	ppb
Sodium	23-2	335917.40	329678.88	334491.65	333362.64	0.98	ppb
Strontium	86-1	1131.80	1109.77	1136.69	1126.09	1.27	ppb
Strontium	88-1	1144.71	1126.30	1153.50	1141.50	1.22	ppb
Sulfur	34-1	954.12	-1681.04	-1050.98	-592.63		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	338.13	333.82	331.60	334.52	0.99	ppb
Thallium	205-1	334.95	335.20	341.15	337.10	1.04	ppb
Tin	118-1	471.23	465.97	460.24	465.82	1.18	ppb
Titanium	47-1	2378.69	2326.60	2339.51	2348.27	1.16	ppb
Uranium	238-1	337.13	336.59	333.08	335.60	0.66	ppb
Vanadium	51-2	337.42	328.01	331.74	332.39	1.43	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-17	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:45:52	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	945.06	921.66	917.67	928.13	1.59	ppb
Zirconium	90-1	335.43	324.75	338.16	332.78	2.13	ppb
Zirconium	91-1	331.02	323.83	332.41	329.09	1.40	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15A Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:48:40 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9274.48	9725.71	9483.88	9494.69	2.38	ppb
Antimony	121-1	406.09	407.84	398.85	404.26	1.18	ppb
Arsenic	75-2	445.72	477.16	449.17	457.35	3.77	ppb
Barium	135-1	2540.17	2628.68	2561.38	2576.75	1.79	ppb
Barium	137-1	2595.95	2637.06	2564.63	2599.21	1.40	ppb
Beryllium	9-1	387.13	399.04	394.82	393.66	1.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	536.80	567.82	592.22	565.61	4.91	ppb
Boron	11-1	532.73	571.50	589.87	564.70	5.17	ppb
Bromine	81-1						cps
Cadmium	111-1	405.61	408.64	401.28	405.18	0.91	ppb
Cadmium	106-1	409.29	407.41	388.72	401.81	2.83	ppb
Cadmium	108-1	405.06	424.23	398.78	409.36	3.24	ppb
Calcium	43-1	187054.75	186645.10	193041.01	188913.62	1.90	ppb
Calcium	44-1	181956.60	185163.51	189662.39	185594.17	2.09	ppb
Chromium	52-2	416.64	430.92	420.22	422.59	1.76	ppb
Cobalt	59-2	403.19	429.38	414.80	415.79	3.16	ppb
Copper	63-2	929.65	986.80	946.32	954.26	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	25278.25	26471.46	25968.60	25906.10	2.31	ppb
Iron	56-2	25402.30	26876.60	25607.64	25962.18	3.08	ppb
Iron	57-2	25097.52	26237.46	25507.89	25614.29	2.25	ppb
Krypton	83-1						cps
Lead	206-1	383.95	390.06	386.96	386.99	0.79	ppb
Lead	207-1	380.88	388.59	385.54	385.00	1.01	ppb
Lead	208-1	384.16	391.14	388.96	388.09	0.92	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15A Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:48:40 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	129761.71	134378.16	127919.21	130686.36	2.55	ppb
Manganese	55-2	2021.77	2121.40	2061.93	2068.37	2.42	ppb
Molybdenum	94-1	2330.24	2300.72	2284.49	2305.15	1.01	ppb
Molybdenum	95-1	2348.76	2387.44	2378.58	2371.59	0.85	ppb
Molybdenum	96-1	2415.32	2425.76	2388.51	2409.86	0.80	ppb
Molybdenum	97-1	2430.96	2396.73	2379.12	2402.27	1.10	ppb
Molybdenum	98-1	2349.31	2364.41	2367.15	2360.29	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	442.80	465.29	452.62	453.57	2.49	ppb
Phosphorus	31-2	-75.19	-18.48	-50.58	-48.09		ppb
Potassium	39-2	33214.59	35150.68	33933.65	34099.64	2.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	403.62	410.75	409.93	408.10	0.96	ppb
Selenium	77-2	381.71	493.18	427.22	434.04	12.91	ppb
Selenium	78-2	408.55	457.08	416.04	427.22	6.12	ppb
Silicon	28-1	8759.66	8633.09	8589.50	8660.75	1.02	ppb
Silver	109-1	345.73	353.91	331.33	343.66	3.33	ppb
Silver	107-1	386.76	405.28	255.43	349.15	23.40	ppb
Sodium	23-2	333168.05	348443.25	335022.15	338877.82	2.46	ppb
Strontium	86-1	1174.03	1195.41	1200.99	1190.15	1.20	ppb
Strontium	88-1	1204.93	1222.09	1204.26	1210.43	0.84	ppb
Sulfur	34-1	291.71	-1015.08	-818.39	-513.92		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	409.79	421.22	417.23	416.08	1.39	ppb
Thallium	205-1	417.46	419.99	420.31	419.25	0.37	ppb
Tin	118-1	456.02	462.27	451.87	456.72	1.15	ppb
Titanium	47-1	2298.94	2314.49	2316.38	2309.93	0.41	ppb
Uranium	238-1	413.67	421.06	415.04	416.59	0.94	ppb
Vanadium	51-2	418.24	440.64	431.21	430.03	2.62	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15A	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:48:40	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	926.99	963.44	947.75	946.06	1.93	ppb
Zirconium	90-1	409.25	426.23	415.53	417.00	2.06	ppb
Zirconium	91-1	409.40	410.95	405.50	408.62	0.69	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:57:12	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45099.53	47898.12	48264.65	47087.43	3.68	ppb
Antimony	121-1	510.30	522.25	523.44	518.67	1.40	ppb
Arsenic	75-2	468.52	508.25	509.89	495.55	4.73	ppb
Barium	135-1	2523.93	2561.37	2637.91	2574.40	2.26	ppb
Barium	137-1	2573.30	2606.17	2688.51	2622.66	2.26	ppb
Beryllium	9-1	482.56	485.18	499.98	489.24	1.92	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	442.48	476.79	526.66	481.98	8.78	ppb
Boron	11-1	440.31	483.60	525.82	483.24	8.85	ppb
Bromine	81-1						cps
Cadmium	111-1	495.27	505.26	506.39	502.31	1.22	ppb
Cadmium	106-1	491.16	508.18	502.46	500.60	1.73	ppb
Cadmium	108-1	515.59	512.63	499.85	509.35	1.64	ppb
Calcium	43-1	233005.81	233105.73	237771.22	234627.59	1.16	ppb
Calcium	44-1	226041.44	233723.66	233694.00	231153.03	1.92	ppb
Chromium	52-2	473.82	508.18	507.08	496.36	3.93	ppb
Cobalt	59-2	471.82	500.61	499.90	490.78	3.35	ppb
Copper	63-2	4739.24	4968.14	5075.64	4927.68	3.49	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				104		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	112804.63	122056.06	121844.11	118901.60	4.44	ppb
Iron	56-2	114888.65	122228.24	122580.42	119899.10	3.62	ppb
Iron	57-2	114161.48	122336.22	126246.63	120914.78	5.10	ppb
Krypton	83-1						cps
Lead	206-1	2655.94	2596.41	2649.73	2634.03	1.24	ppb
Lead	207-1	2595.65	2622.59	2681.49	2633.24	1.67	ppb
Lead	208-1	2595.58	2594.83	2656.62	2615.67	1.36	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:57:12	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	230370.19	246081.94	248764.50	241738.88	4.11	ppb
Manganese	55-2	4934.49	5217.86	5235.08	5129.14	3.29	ppb
Molybdenum	94-1	2631.17	2668.86	2662.67	2654.23	0.76	ppb
Molybdenum	95-1	2631.56	2637.34	2663.00	2643.97	0.63	ppb
Molybdenum	96-1	2630.03	2643.14	2656.11	2643.09	0.49	ppb
Molybdenum	97-1	2598.12	2614.03	2652.76	2621.64	1.07	ppb
Molybdenum	98-1	2574.71	2615.73	2580.33	2590.26	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.77	500.45	504.05	491.76	3.71	ppb
Phosphorus	31-2	9691.81	9863.98	10611.97	10055.92	4.86	ppb
Potassium	39-2	114116.31	119800.97	122737.08	118884.79	3.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	82-1	494.90	520.20	512.22	509.11	2.54	ppb
Selenium	77-2	466.56	518.24	497.64	494.14	5.27	ppb
Selenium	78-2	471.44	499.62	505.18	492.08	3.68	ppb
Silicon	28-1	545.43	623.97	656.66	608.69	9.39	ppb
Silver	109-1	514.67	519.29	520.60	518.19	0.60	ppb
Silver	107-1	506.73	517.51	513.24	512.49	1.06	ppb
Sodium	23-2	221521.89	234187.34	233670.28	229793.17	3.12	ppb
Strontium	86-1	512.40	507.31	521.21	513.64	1.37	ppb
Strontium	88-1	527.77	527.40	525.81	526.99	0.20	ppb
Sulfur	34-1	7297.58	8661.81	7895.31	7951.57	8.60	ppb
Terbium	159-1				103		%
Terbium	159-2				110		%
Thallium	203-1	511.43	521.62	525.24	519.43	1.38	ppb
Thallium	205-1	515.99	518.50	521.49	518.66	0.53	ppb
Tin	118-1	501.02	516.44	515.45	510.97	1.69	ppb
Titanium	47-1	2487.45	2566.43	2654.09	2569.32	3.24	ppb
Uranium	238-1	522.41	514.15	527.73	521.43	1.31	ppb
Vanadium	51-2	477.86	510.84	511.96	500.22	3.87	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:57:12	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	4700.08	4978.44	4982.46	4886.99	3.31	ppb
Zirconium	90-1	517.34	532.53	521.69	523.86	1.49	ppb
Zirconium	91-1	515.27	520.69	512.91	516.29	0.77	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:17:05	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	-0.73	-1.71	-0.66		ppb
Antimony	121-1	0.01	-0.01	0.02	0.01	201.59	ppb
Arsenic	75-2	0.02	0.00	-0.02	0.00		ppb
Barium	135-1	0.00	0.06	0.09	0.05	85.09	ppb
Barium	137-1	0.01	0.01	0.06	0.03	114.42	ppb
Beryllium	9-1	0.11	0.14	0.21	0.15	35.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	10.42	10.79	9.83	10.35	4.69	ppb
Boron	11-1	9.85	9.88	9.29	9.67	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.33	0.18	-0.06		ppb
Cadmium	106-1	-0.72	-4.48	2.13	-1.02		ppb
Cadmium	108-1	-0.17	-0.17	-0.16	-0.17		ppb
Calcium	43-1	-5.27	-11.21	-4.04	-6.84		ppb
Calcium	44-1	-13.65	-14.88	-15.74	-14.76		ppb
Chromium	52-2	0.10	0.08	0.11	0.09	17.65	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	492.10	ppb
Copper	63-2	0.12	0.16	0.14	0.14	14.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	0.53	0.46	-0.65	0.11	591.60	ppb
Iron	56-2	1.18	0.85	0.73	0.92	25.01	ppb
Iron	57-2	2.32	2.05	4.31	2.89	42.82	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.11	0.08	33.73	ppb
Lead	207-1	0.03	0.08	0.16	0.09	75.64	ppb
Lead	208-1	0.05	0.07	0.11	0.07	40.70	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:17:05	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	6.07	4.64	3.00	4.57	33.59	ppb
Manganese	55-2	0.08	-0.02	-0.05	0.01	1188.09	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	49.33	ppb
Molybdenum	95-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00	13063.87	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	82.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.16	-0.22	-0.19		ppb
Phosphorus	31-2	-37.52	-83.77	-107.12	-76.14		ppb
Potassium	39-2	61.06	16.89	50.32	42.75	53.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.93	0.52	3.10	1.52	91.58	ppb
Selenium	77-2	-2.98	-2.98	-2.98	-2.98		ppb
Selenium	78-2	1.55	0.97	-0.08	0.81	102.05	ppb
Silicon	28-1	8.65	10.14	2.18	6.99	60.58	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.43	ppb
Silver	107-1	0.02	0.02	0.03	0.02	19.46	ppb
Sodium	23-2	273.16	250.09	254.18	259.14	4.75	ppb
Strontium	86-1	-0.13	-0.05	0.33	0.05	487.61	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2163.12	-2276.39	-2291.01	-2243.51		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.04	0.03	49.74	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	760.05	ppb
Tin	118-1	-0.03	-0.06	-0.06	-0.05		ppb
Titanium	47-1	-0.41	0.03	-0.38	-0.25		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				98		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:17:05	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	-0.28	-0.18	0.33	-0.04		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	258.48	ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	103.59	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-01 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SBR)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:19:56 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	200.99	189.93	197.42	196.12	2.88	ppb
Antimony	121-1	0.17	0.16	0.11	0.15	20.03	ppb
Arsenic	75-2	49.40	50.03	49.73	49.72	0.63	ppb
Barium	135-1	144.32	150.20	149.15	147.89	2.12	ppb
Barium	137-1	145.86	152.70	151.70	150.09	2.46	ppb
Beryllium	9-1	0.13	0.12	0.16	0.13	15.34	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	59.95	62.52	70.14	64.20	8.26	ppb
Boron	11-1	57.13	65.85	70.21	64.40	10.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.84	1.38	0.96	1.06	26.90	ppb
Cadmium	106-1	-0.92	3.98	-2.05	0.34	953.02	ppb
Cadmium	108-1	0.90	0.69	0.82	0.80	13.28	ppb
Calcium	43-1	124517.45	127205.72	129634.98	127119.38	2.01	ppb
Calcium	44-1	123673.80	127174.97	128636.83	126495.20	2.02	ppb
Chromium	52-2	0.99	0.97	1.04	1.00	3.83	ppb
Cobalt	59-2	0.49	0.47	0.48	0.48	2.36	ppb
Copper	63-2	2.01	2.16	2.10	2.09	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	9268.34	9280.93	9315.25	9288.17	0.26	ppb
Iron	56-2	9392.44	9413.91	9589.85	9465.40	1.14	ppb
Iron	57-2	9334.72	9458.39	9403.59	9398.90	0.66	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.82	1.00	0.95	11.80	ppb
Lead	207-1	0.89	0.81	0.88	0.86	5.17	ppb
Lead	208-1	0.90	0.83	0.92	0.89	5.48	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-01	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:19:56	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	42053.55	41633.14	42196.97	41961.22	0.70	ppb
Manganese	55-2	723.36	720.96	720.30	721.54	0.22	ppb
Molybdenum	94-1	0.71	0.83	0.87	0.81	10.27	ppb
Molybdenum	95-1	0.85	0.93	0.81	0.86	6.87	ppb
Molybdenum	96-1	0.88	0.96	0.81	0.88	8.30	ppb
Molybdenum	97-1	0.82	0.81	0.78	0.81	2.53	ppb
Molybdenum	98-1	0.82	0.93	0.90	0.88	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.36	3.19	3.13	3.23	3.62	ppb
Phosphorus	31-2	-41.52	-3.96	16.26	-9.74		ppb
Potassium	39-2	10246.06	10267.39	10232.87	10248.77	0.17	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	-0.15	3.16	1.02	1.34	125.38	ppb
Selenium	77-2	-2.98	5.12	-0.93	0.40	1040.74	ppb
Selenium	78-2	-0.42	-1.62	-2.44	-1.49		ppb
Silicon	28-1	7920.39	8327.03	8457.52	8234.98	3.40	ppb
Silver	109-1	0.06	0.06	0.03	0.05	34.24	ppb
Silver	107-1	0.05	0.06	0.02	0.04	40.41	ppb
Sodium	23-2	277321.17	277042.70	281641.53	278668.47	0.93	ppb
Strontium	86-1	1127.04	1150.93	1157.61	1145.19	1.40	ppb
Strontium	88-1	1153.74	1178.10	1179.74	1170.53	1.24	ppb
Sulfur	34-1	-3661.84	-2806.32	-85.31	-2184.49		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.07	0.01	0.03	0.04	80.52	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	46.01	ppb
Tin	118-1	0.21	0.22	0.29	0.24	19.03	ppb
Titanium	47-1	9.48	8.82	9.06	9.12	3.68	ppb
Uranium	238-1	2.43	2.48	2.53	2.48	1.87	ppb
Vanadium	51-2	0.73	0.68	0.84	0.75	11.00	ppb
Yttrium	89-1				110		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-01	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:19:56	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	86.32	85.32	85.03	85.56	0.79	ppb
Zirconium	90-1	0.15	0.12	0.13	0.13	11.95	ppb
Zirconium	91-1	0.14	0.15	0.10	0.13	18.78	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-02 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(DOB)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:22:46 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.73	49.74	44.00	46.16	6.77	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	20.76	ppb
Arsenic	75-2	69.91	76.91	71.92	72.91	4.95	ppb
Barium	135-1	175.37	180.64	177.25	177.75	1.50	ppb
Barium	137-1	178.93	177.85	182.41	179.73	1.32	ppb
Beryllium	9-1	0.09	0.14	0.10	0.11	22.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	69.75	75.87	80.10	75.24	6.91	ppb
Boron	11-1	69.49	79.94	83.06	77.50	9.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	-0.05	0.19	0.10	127.97	ppb
Cadmium	106-1	1.13	-2.22	0.99	-0.03		ppb
Cadmium	108-1	0.29	-0.18	0.13	0.08	305.68	ppb
Calcium	43-1	230095.14	244250.41	240197.11	238180.89	3.06	ppb
Calcium	44-1	235639.95	238936.14	241633.73	238736.60	1.26	ppb
Chromium	52-2	0.35	0.47	0.33	0.38	19.02	ppb
Cobalt	59-2	1.10	1.21	1.12	1.14	5.25	ppb
Copper	63-2	0.37	0.42	0.35	0.38	9.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	12302.51	13520.19	12567.13	12796.61	5.00	ppb
Iron	56-2	12420.34	13703.59	12702.61	12942.18	5.21	ppb
Iron	57-2	12360.13	13649.84	12448.31	12819.43	5.62	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.13	0.12	8.01	ppb
Lead	207-1	0.12	0.15	0.18	0.15	21.46	ppb
Lead	208-1	0.13	0.12	0.14	0.13	10.30	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-02	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(DOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:22:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	84626.11	92066.02	86155.13	87615.76	4.48	ppb
Manganese	55-2	1605.91	1737.25	1617.90	1653.69	4.39	ppb
Molybdenum	94-1	0.76	0.87	0.91	0.85	9.02	ppb
Molybdenum	95-1	1.08	1.14	1.31	1.18	10.48	ppb
Molybdenum	96-1	1.04	1.20	1.05	1.09	8.18	ppb
Molybdenum	97-1	1.13	1.35	1.04	1.17	13.82	ppb
Molybdenum	98-1	1.25	1.24	1.20	1.23	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.02	3.36	3.09	3.16	5.74	ppb
Phosphorus	31-2	25.43	-11.38	-45.75	-10.57		ppb
Potassium	39-2	13102.19	14083.72	13294.05	13493.32	3.86	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	0.40	1.65	2.03	1.36	62.84	ppb
Selenium	77-2	-0.93	1.43	5.33	1.94	162.40	ppb
Selenium	78-2	-1.52	1.91	0.93	0.44	401.45	ppb
Silicon	28-1	7346.90	7612.67	7534.14	7497.90	1.82	ppb
Silver	109-1	0.04	0.07	0.10	0.07	41.79	ppb
Silver	107-1	0.03	0.08	0.06	0.06	47.35	ppb
Sodium	23-2	412535.10	448710.05	418919.49	426721.55	4.52	ppb
Strontium	86-1	1757.26	1778.47	1772.57	1769.43	0.62	ppb
Strontium	88-1	1780.44	1814.17	1816.83	1803.81	1.12	ppb
Sulfur	34-1	7384.18	8110.57	7670.07	7721.61	4.74	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.32	0.32	0.32	0.32	0.28	ppb
Titanium	47-1	2.28	2.33	1.96	2.19	9.22	ppb
Uranium	238-1	1.61	1.77	1.66	1.68	4.71	ppb
Vanadium	51-2	0.15	0.15	0.16	0.15	4.39	ppb
Yttrium	89-1				106		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-02	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(DOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:22:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	1.00	1.45	1.10	1.18	19.82	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	19.02	ppb
Zirconium	91-1	0.06	0.09	0.02	0.06	64.03	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-03 Instrumnet Name : P8
 Client Sample ID : 49-MW009(DOB)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:25:34 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	210.23	178.84	162.39	183.82	13.22	ppb
Antimony	121-1	0.25	0.27	0.25	0.26	4.03	ppb
Arsenic	75-2	2.20	1.86	1.70	1.92	13.39	ppb
Barium	135-1	71.12	70.25	70.51	70.63	0.63	ppb
Barium	137-1	71.73	71.59	71.72	71.68	0.11	ppb
Beryllium	9-1	0.11	0.10	0.10	0.10	7.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	50.03	53.63	54.48	52.71	4.48	ppb
Boron	11-1	51.69	55.00	54.61	53.77	3.37	ppb
Bromine	81-1						cps
Cadmium	111-1	19.14	18.03	18.18	18.45	3.25	ppb
Cadmium	106-1	20.78	16.36	16.54	17.89	13.97	ppb
Cadmium	108-1	18.41	16.73	16.97	17.37	5.24	ppb
Calcium	43-1	57644.36	59748.37	58759.45	58717.40	1.79	ppb
Calcium	44-1	57927.33	59782.01	59185.54	58964.96	1.61	ppb
Chromium	52-2	0.92	0.74	0.72	0.79	14.13	ppb
Cobalt	59-2	0.91	0.84	0.74	0.83	10.15	ppb
Copper	63-2	9.09	7.69	7.49	8.09	10.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	559.81	490.92	455.71	502.15	10.54	ppb
Iron	56-2	562.38	480.95	442.89	495.41	12.32	ppb
Iron	57-2	554.73	467.05	434.66	485.48	12.80	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.53	0.49	0.49	7.06	ppb
Lead	207-1	0.47	0.50	0.50	0.49	3.48	ppb
Lead	208-1	0.46	0.50	0.46	0.47	5.00	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-03	Instrumnet Name :	P8
Client Sample ID :	49-MW009(DOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:25:34	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	6011.17	5222.64	4730.24	5321.35	12.14	ppb
Manganese	55-2	548.90	470.85	431.06	483.60	12.40	ppb
Molybdenum	94-1	1.63	1.49	1.58	1.57	4.70	ppb
Molybdenum	95-1	1.86	1.96	1.99	1.94	3.46	ppb
Molybdenum	96-1	1.87	1.93	1.78	1.86	3.93	ppb
Molybdenum	97-1	1.88	1.88	1.90	1.89	0.45	ppb
Molybdenum	98-1	1.89	1.79	1.83	1.84	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.81	8.98	8.58	9.46	12.56	ppb
Phosphorus	31-2	-22.71	70.62	-34.06	4.62	1243.75	ppb
Potassium	39-2	16295.76	14118.27	12663.34	14359.12	12.73	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.01	-1.29	-0.45	-0.58		ppb
Selenium	77-2	-2.98	-0.93	-1.09	-1.67		ppb
Selenium	78-2	2.17	-0.28	-0.46	0.48	307.13	ppb
Silicon	28-1	1500.46	1547.58	1526.75	1524.93	1.55	ppb
Silver	109-1	0.10	0.16	0.14	0.13	22.49	ppb
Silver	107-1	0.16	0.19	0.14	0.16	14.86	ppb
Sodium	23-2	1378258.60	1173335.54	1062498.04	1204697.39	13.30	ppb
Strontium	86-1	292.78	300.48	303.01	298.76	1.78	ppb
Strontium	88-1	308.19	311.54	312.16	310.63	0.69	ppb
Sulfur	34-1	33871.75	35405.82	34399.11	34558.89	2.26	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.22	0.27	0.20	0.23	16.99	ppb
Thallium	205-1	0.19	0.23	0.21	0.21	10.32	ppb
Tin	118-1	0.12	0.14	0.19	0.15	26.07	ppb
Titanium	47-1	8.28	7.51	7.30	7.70	6.66	ppb
Uranium	238-1	7.00	7.16	6.98	7.05	1.35	ppb
Vanadium	51-2	1.61	1.34	1.29	1.41	12.08	ppb
Yttrium	89-1				109		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-03	Instrumnet Name :	P8
Client Sample ID :	49-MW009(DOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:25:34	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	74.75	64.15	57.35	65.42	13.40	ppb
Zirconium	90-1	0.19	0.21	0.18	0.19	6.62	ppb
Zirconium	91-1	0.14	0.16	0.26	0.19	32.43	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-04 Instrumnet Name : P8
 Client Sample ID : 49-MW009(SBR)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:28:24 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.11	83.87	80.04	80.34	4.22	ppb
Antimony	121-1	0.14	0.12	0.12	0.13	8.89	ppb
Arsenic	75-2	0.99	0.86	0.83	0.90	9.70	ppb
Barium	135-1	112.51	116.96	114.33	114.60	1.95	ppb
Barium	137-1	115.78	117.03	119.31	117.37	1.52	ppb
Beryllium	9-1	0.09	0.11	0.10	0.10	14.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	31.27	31.84	29.57	30.89	3.82	ppb
Boron	11-1	29.70	32.11	31.78	31.20	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.22	0.39	0.25	55.45	ppb
Cadmium	106-1	-2.44	-0.55	1.37	-0.54		ppb
Cadmium	108-1	0.35	0.20	0.05	0.20	74.82	ppb
Calcium	43-1	135410.34	136507.73	139586.76	137168.28	1.58	ppb
Calcium	44-1	136364.59	135950.07	138364.02	136892.89	0.94	ppb
Chromium	52-2	0.38	0.38	0.44	0.40	8.77	ppb
Cobalt	59-2	0.49	0.55	0.49	0.51	7.02	ppb
Copper	63-2	0.84	0.94	0.90	0.89	5.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	511.80	525.31	509.50	515.54	1.66	ppb
Iron	56-2	518.55	542.27	514.88	525.23	2.83	ppb
Iron	57-2	513.99	533.09	506.08	517.72	2.68	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.20	0.24	0.22	9.53	ppb
Lead	207-1	0.14	0.19	0.21	0.18	19.44	ppb
Lead	208-1	0.21	0.21	0.22	0.21	3.90	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-04 Instrumnet Name : P8
 Client Sample ID : 49-MW009(SBR)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:28:24 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	30123.12	30958.24	29769.39	30283.58	2.02	ppb
Manganese	55-2	438.46	455.06	437.77	443.76	2.21	ppb
Molybdenum	94-1	0.27	0.34	0.24	0.28	19.53	ppb
Molybdenum	95-1	0.22	0.22	0.21	0.21	2.58	ppb
Molybdenum	96-1	0.22	0.25	0.29	0.25	13.11	ppb
Molybdenum	97-1	0.23	0.23	0.28	0.25	12.20	ppb
Molybdenum	98-1	0.28	0.29	0.23	0.26	11.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.64	2.48	2.51	5.01	ppb
Phosphorus	31-2	11.31	87.49	-10.74	29.35	175.59	ppb
Potassium	39-2	10248.90	10618.58	10166.52	10344.66	2.33	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	1.48	3.31	-1.90	0.96	274.51	ppb
Selenium	77-2	-0.96	-0.91	1.11	-0.25		ppb
Selenium	78-2	-0.56	-0.36	-0.12	-0.35		ppb
Silicon	28-1	5079.25	5208.46	5217.63	5168.45	1.50	ppb
Silver	109-1	0.16	0.16	0.21	0.18	16.48	ppb
Silver	107-1	0.19	0.17	0.19	0.18	7.38	ppb
Sodium	23-2	580816.33	606098.59	576745.68	587886.87	2.71	ppb
Strontium	86-1	969.91	987.97	1010.55	989.48	2.06	ppb
Strontium	88-1	991.59	999.25	1017.89	1002.91	1.35	ppb
Sulfur	34-1	19121.04	19098.87	19912.09	19377.33	2.39	ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.00	0.02	0.02	79.49	ppb
Thallium	205-1	0.00	0.02	-0.02	0.00		ppb
Tin	118-1	0.02	-0.01	-0.01	0.00		ppb
Titanium	47-1	3.91	3.86	3.93	3.90	1.00	ppb
Uranium	238-1	2.10	2.09	2.00	2.06	2.76	ppb
Vanadium	51-2	0.40	0.36	0.36	0.37	5.92	ppb
Yttrium	89-1				109		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-04	Instrumnet Name :	P8
Client Sample ID :	49-MW009(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:28:24	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	49.39	49.57	49.74	49.57	0.35	ppb
Zirconium	90-1	0.08	0.09	0.09	0.09	9.62	ppb
Zirconium	91-1	0.08	0.08	0.06	0.07	14.86	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:31:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.09	7.83	10.80	8.57	22.87	ppb
Antimony	121-1	0.06	0.06	0.04	0.05	17.39	ppb
Arsenic	75-2	12.24	12.03	11.91	12.06	1.38	ppb
Barium	135-1	125.64	126.89	130.89	127.81	2.15	ppb
Barium	137-1	128.29	128.52	128.19	128.33	0.14	ppb
Beryllium	9-1	0.08	0.03	0.08	0.06	50.29	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	56.07	62.73	64.64	61.14	7.36	ppb
Boron	11-1	57.42	63.39	67.22	62.68	7.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	-0.08	0.11	0.08	188.14	ppb
Cadmium	106-1	2.57	-2.06	1.32	0.61	394.34	ppb
Cadmium	108-1	0.27	-0.18	0.05	0.04	529.11	ppb
Calcium	43-1	148239.72	142272.86	149087.15	146533.24	2.53	ppb
Calcium	44-1	145617.37	142630.09	146046.50	144764.65	1.29	ppb
Chromium	52-2	0.19	0.32	0.18	0.23	35.73	ppb
Cobalt	59-2	0.08	0.13	0.13	0.11	21.53	ppb
Copper	63-2	0.38	0.40	0.31	0.36	13.71	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				112		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	54-2	3209.34	3107.36	3142.16	3152.95	1.64	ppb
Iron	56-2	3264.31	3291.49	3268.43	3274.74	0.45	ppb
Iron	57-2	3143.60	3188.48	3205.41	3179.16	1.00	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.09	0.08	18.56	ppb
Lead	207-1	0.05	0.12	0.09	0.08	41.46	ppb
Lead	208-1	0.06	0.08	0.08	0.07	14.35	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-05 Instrumnet Name : P8
 Client Sample ID : 49-PZ004(SBR)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:31:12 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	59214.53	59259.90	58867.73	59114.06	0.36	ppb
Manganese	55-2	619.50	621.65	617.06	619.40	0.37	ppb
Molybdenum	94-1	2.24	2.41	2.24	2.30	4.37	ppb
Molybdenum	95-1	2.97	3.10	2.99	3.02	2.45	ppb
Molybdenum	96-1	2.82	2.95	2.92	2.90	2.26	ppb
Molybdenum	97-1	2.99	2.77	2.82	2.86	3.99	ppb
Molybdenum	98-1	2.88	2.98	2.97	2.94	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.51	0.45	0.52	13.21	ppb
Phosphorus	31-2	-76.79	-87.89	-38.23	-67.64		ppb
Potassium	39-2	12247.52	12232.04	12180.35	12219.97	0.29	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	-1.51	0.37	1.23	0.03	4356.89	ppb
Selenium	77-2	-0.94	-1.00	-2.98	-1.64		ppb
Selenium	78-2	0.04	0.33	-2.28	-0.64		ppb
Silicon	28-1	6163.38	5931.43	6270.53	6121.78	2.83	ppb
Silver	109-1	0.14	0.17	0.15	0.16	10.08	ppb
Silver	107-1	0.11	0.13	0.14	0.13	12.11	ppb
Sodium	23-2	280294.88	281738.43	282069.08	281367.46	0.34	ppb
Strontium	86-1	1139.60	1131.60	1158.41	1143.20	1.20	ppb
Strontium	88-1	1157.79	1160.07	1160.12	1159.32	0.11	ppb
Sulfur	34-1	1844.51	76.38	2181.58	1367.49	82.69	ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	-0.03	0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.01	-0.03		ppb
Tin	118-1	0.08	0.05	0.11	0.08	37.81	ppb
Titanium	47-1	0.36	0.68	0.65	0.56	30.99	ppb
Uranium	238-1	0.79	0.71	0.84	0.78	8.12	ppb
Vanadium	51-2	0.07	0.02	0.07	0.05	51.64	ppb
Yttrium	89-1				109		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:31:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	1.74	1.69	1.37	1.60	12.70	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	62.46	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	80.95	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:34:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	118.23	111.27	114.41	114.64	3.04	ppb
Antimony	121-1	0.43	0.45	0.39	0.42	6.91	ppb
Arsenic	75-2	6.67	6.31	6.28	6.42	3.38	ppb
Barium	135-1	6.18	6.37	6.15	6.23	1.97	ppb
Barium	137-1	6.14	6.30	6.56	6.33	3.30	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	14.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	13.92	14.04	13.37	13.78	2.58	ppb
Boron	11-1	14.16	14.31	13.39	13.95	3.52	ppb
Bromine	81-1						cps
Cadmium	111-1	1.48	1.30	1.37	1.38	6.63	ppb
Cadmium	106-1	1.92	-0.77	-0.66	0.16	933.28	ppb
Cadmium	108-1	0.86	0.86	2.07	1.26	55.31	ppb
Calcium	43-1	4420.84	4444.62	4559.84	4475.10	1.66	ppb
Calcium	44-1	4484.25	4448.35	4642.08	4524.89	2.28	ppb
Chromium	52-2	0.98	0.91	0.99	0.96	4.78	ppb
Cobalt	59-2	0.78	0.77	0.82	0.79	3.66	ppb
Copper	63-2	2.06	2.07	2.10	2.07	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	54-2	947.21	920.25	946.14	937.87	1.63	ppb
Iron	56-2	941.03	943.61	968.12	950.92	1.57	ppb
Iron	57-2	924.24	963.06	956.05	947.78	2.18	ppb
Krypton	83-1						cps
Lead	206-1	0.57	0.64	0.50	0.57	12.38	ppb
Lead	207-1	0.46	0.60	0.55	0.54	12.95	ppb
Lead	208-1	0.49	0.60	0.58	0.56	10.37	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:34:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				119		%
Magnesium	24-2	1001.49	987.22	988.52	992.41	0.80	ppb
Manganese	55-2	269.81	264.80	273.58	269.40	1.63	ppb
Molybdenum	94-1	0.36	0.57	0.49	0.47	22.31	ppb
Molybdenum	95-1	0.53	0.58	0.58	0.56	4.92	ppb
Molybdenum	96-1	0.61	0.57	0.61	0.60	4.35	ppb
Molybdenum	97-1	0.55	0.52	0.62	0.57	8.93	ppb
Molybdenum	98-1	0.52	0.61	0.55	0.56	8.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.33	1.13	1.18	11.87	ppb
Phosphorus	31-2	38.17	-59.76	30.47	2.96	1838.65	ppb
Potassium	39-2	838.71	803.56	821.31	821.19	2.14	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	1.02	0.41	-0.50	0.31	244.82	ppb
Selenium	77-2	-2.98	-0.96	-0.97	-1.64		ppb
Selenium	78-2	-1.10	0.67	0.97	0.18	626.90	ppb
Silicon	28-1	519.71	497.33	524.65	513.89	2.83	ppb
Silver	109-1	0.13	0.10	0.12	0.12	12.69	ppb
Silver	107-1	0.13	0.13	0.13	0.13	3.01	ppb
Sodium	23-2	59642.54	59360.05	60607.75	59870.11	1.09	ppb
Strontium	86-1	32.97	32.13	33.81	32.97	2.55	ppb
Strontium	88-1	34.54	34.65	35.24	34.81	1.08	ppb
Sulfur	34-1	-3428.11	-4303.93	-2794.10	-3508.71		ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	0.00	0.01	0.00	0.00	119.03	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00		ppb
Tin	118-1	0.32	0.36	0.43	0.37	14.46	ppb
Titanium	47-1	5.87	4.91	5.03	5.27	9.82	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	5.06	ppb
Vanadium	51-2	0.84	0.84	0.70	0.79	9.96	ppb
Yttrium	89-1				109		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:34:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	49.09	48.22	48.27	48.53	1.01	ppb
Zirconium	90-1	0.08	0.06	0.06	0.07	12.23	ppb
Zirconium	91-1	0.03	0.09	0.02	0.05	78.29	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-02 Instrumnet Name : P8
 Client Sample ID : 49-MW033(SOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:36:52 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	178.79	175.41	173.83	176.01	1.44	ppb
Antimony	121-1	0.11	0.12	0.13	0.12	4.43	ppb
Arsenic	75-2	30.40	29.37	29.83	29.87	1.74	ppb
Barium	135-1	35.85	36.84	44.20	38.96	11.71	ppb
Barium	137-1	37.14	36.40	44.75	39.43	11.73	ppb
Beryllium	9-1	0.10	0.10	0.10	0.10	4.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				109		%
Boron	10-1	16.38	16.87	23.18	18.81	20.14	ppb
Boron	11-1	16.03	17.34	20.45	17.94	12.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.24	-0.09	-0.14		ppb
Cadmium	106-1	-1.16	-3.80	-1.59	-2.18		ppb
Cadmium	108-1	0.12	-0.04	-0.24	-0.05		ppb
Calcium	43-1	45565.06	46025.20	54433.84	48674.70	10.26	ppb
Calcium	44-1	46098.56	46297.14	54324.37	48906.69	9.60	ppb
Chromium	52-2	0.99	1.09	1.04	1.04	4.81	ppb
Cobalt	59-2	1.46	1.44	1.35	1.42	3.82	ppb
Copper	63-2	2.09	2.04	2.03	2.06	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				113		%
Indium	115-1				103		%
Indium	115-2				111		%
Iron	54-2	3189.30	3152.10	3131.22	3157.54	0.93	ppb
Iron	56-2	3290.55	3280.65	3297.44	3289.54	0.26	ppb
Iron	57-2	3273.98	3175.30	3157.58	3202.29	1.96	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.43	0.42	0.44	3.95	ppb
Lead	207-1	0.41	0.43	0.48	0.44	8.17	ppb
Lead	208-1	0.42	0.43	0.48	0.44	7.96	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-02 Instrumnet Name : P8
 Client Sample ID : 49-MW033(SOB)-12162C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:36:52 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	7036.41	6841.88	6907.24	6928.51	1.43	ppb
Manganese	55-2	609.18	598.95	595.63	601.25	1.17	ppb
Molybdenum	94-1	0.63	0.74	0.84	0.74	13.81	ppb
Molybdenum	95-1	0.66	0.72	0.70	0.69	3.79	ppb
Molybdenum	96-1	0.82	0.72	0.98	0.84	15.73	ppb
Molybdenum	97-1	0.57	0.74	0.75	0.69	15.08	ppb
Molybdenum	98-1	0.66	0.61	0.78	0.68	12.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.87	1.89	1.95	1.90	2.18	ppb
Phosphorus	31-2	25.37	23.56	-9.75	13.06	151.40	ppb
Potassium	39-2	6794.06	6714.90	6630.30	6713.08	1.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				111		%
Selenium	82-1	1.29	-0.72	4.08	1.55	155.64	ppb
Selenium	77-2	-2.98	-0.96	-2.98	-2.31		ppb
Selenium	78-2	-0.37	1.55	-1.35	-0.05		ppb
Silicon	28-1	3628.27	3644.21	4391.28	3887.92	11.21	ppb
Silver	109-1	0.08	0.06	0.09	0.08	19.56	ppb
Silver	107-1	0.11	0.05	0.11	0.09	35.36	ppb
Sodium	23-2	95708.24	94093.14	94655.36	94818.92	0.86	ppb
Strontium	86-1	325.21	333.73	392.42	350.45	10.44	ppb
Strontium	88-1	335.79	345.87	408.61	363.42	10.86	ppb
Sulfur	34-1	750.84	-445.70	7256.75	2520.63	164.44	ppb
Terbium	159-1				104		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.04	0.11	0.12	0.09	52.26	ppb
Titanium	47-1	6.28	7.49	8.12	7.30	12.77	ppb
Uranium	238-1	1.28	1.29	1.60	1.39	12.88	ppb
Vanadium	51-2	1.21	1.27	1.17	1.22	3.85	ppb
Yttrium	89-1				104		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-02	Instrumnet Name :	P8
Client Sample ID :	49-MW033(SOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:36:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	28.17	28.54	26.80	27.84	3.31	ppb
Zirconium	90-1	0.09	0.13	0.14	0.12	20.36	ppb
Zirconium	91-1	0.08	0.10	0.14	0.10	28.42	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-03	Instrumnet Name :	P8
Client Sample ID :	49-PZ001(SBR)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:39:43	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3560.03	3387.11	3415.94	3454.36	2.68	ppb
Antimony	121-1	0.38	0.41	0.44	0.41	7.59	ppb
Arsenic	75-2	13.51	12.36	12.55	12.81	4.82	ppb
Barium	135-1	34.41	33.84	34.65	34.30	1.20	ppb
Barium	137-1	34.33	34.28	36.62	35.07	3.81	ppb
Beryllium	9-1	0.32	0.29	0.32	0.31	6.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	14.68	14.66	15.38	14.91	2.77	ppb
Boron	11-1	14.60	14.67	16.33	15.20	6.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.49	0.36	0.76	0.54	37.61	ppb
Cadmium	106-1	-0.12	-2.19	2.19	-0.04		ppb
Cadmium	108-1	0.34	0.42	0.82	0.52	49.07	ppb
Calcium	43-1	8278.95	8403.73	8884.16	8522.28	3.75	ppb
Calcium	44-1	8505.11	8571.21	8823.50	8633.27	1.95	ppb
Chromium	52-2	7.94	7.86	7.84	7.88	0.65	ppb
Cobalt	59-2	3.92	3.71	3.97	3.87	3.53	ppb
Copper	63-2	11.98	11.58	11.37	11.64	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	5850.38	5588.28	5687.54	5708.73	2.32	ppb
Iron	56-2	6025.12	5638.24	5843.72	5835.69	3.32	ppb
Iron	57-2	5909.31	5650.15	5646.34	5735.27	2.63	ppb
Krypton	83-1						cps
Lead	206-1	8.64	8.92	9.27	8.94	3.55	ppb
Lead	207-1	8.12	7.98	8.43	8.18	2.81	ppb
Lead	208-1	8.34	8.56	8.94	8.61	3.51	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-03 Instrumnet Name : P8
 Client Sample ID : 49-PZ001(SBR)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:39:43 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				121		%
Magnesium	24-2	1673.44	1590.53	1647.10	1637.02	2.59	ppb
Manganese	55-2	98.44	90.35	93.37	94.05	4.34	ppb
Molybdenum	94-1	1.56	1.66	1.76	1.66	6.05	ppb
Molybdenum	95-1	1.41	1.63	1.61	1.55	7.85	ppb
Molybdenum	96-1	1.48	1.80	1.43	1.57	12.91	ppb
Molybdenum	97-1	1.52	1.55	1.58	1.55	2.08	ppb
Molybdenum	98-1	1.42	1.51	1.69	1.54	8.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.93	9.67	9.38	9.66	2.84	ppb
Phosphorus	31-2	128.62	49.56	126.63	101.60	44.37	ppb
Potassium	39-2	4780.39	4612.14	4666.91	4686.48	1.83	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	-0.19	0.01	-1.90	-0.70		ppb
Selenium	77-2	-0.93	-1.02	9.02	2.36	245.12	ppb
Selenium	78-2	3.13	1.59	0.22	1.65	88.47	ppb
Silicon	28-1	8799.25	9052.45	9285.97	9045.89	2.69	ppb
Silver	109-1	0.08	0.10	0.08	0.09	15.03	ppb
Silver	107-1	0.17	0.09	0.09	0.12	36.40	ppb
Sodium	23-2	200629.58	189685.69	192952.34	194422.54	2.89	ppb
Strontium	86-1	45.39	49.15	49.63	48.06	4.83	ppb
Strontium	88-1	49.14	50.41	52.53	50.69	3.37	ppb
Sulfur	34-1	-1057.40	-1369.89	667.29	-586.67		ppb
Terbium	159-1				108		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.04	0.04	0.04	10.71	ppb
Thallium	205-1	0.01	0.00	0.02	0.01	83.35	ppb
Tin	118-1	0.35	0.42	0.36	0.38	10.62	ppb
Titanium	47-1	131.09	132.96	135.44	133.16	1.64	ppb
Uranium	238-1	0.61	0.65	0.77	0.68	11.80	ppb
Vanadium	51-2	12.07	11.38	11.72	11.72	2.92	ppb
Yttrium	89-1				108		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-03	Instrumnet Name :	P8
Client Sample ID :	49-PZ001(SBR)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:39:43	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	63.60	57.25	59.44	60.10	5.37	ppb
Zirconium	90-1	0.33	0.39	0.45	0.39	14.14	ppb
Zirconium	91-1	0.45	0.35	0.46	0.42	13.71	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-04	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:42:31	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110.62	103.00	101.09	104.90	4.81	ppb
Antimony	121-1	0.19	0.22	0.23	0.21	9.93	ppb
Arsenic	75-2	135.74	137.05	137.71	136.83	0.73	ppb
Barium	135-1	150.68	153.59	151.31	151.86	1.01	ppb
Barium	137-1	149.19	156.04	154.10	153.11	2.31	ppb
Beryllium	9-1	0.09	0.11	0.07	0.09	22.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	52.11	63.23	63.35	59.56	10.84	ppb
Boron	11-1	54.09	62.19	64.48	60.25	9.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.76	0.69	0.76	0.73	5.56	ppb
Cadmium	106-1	2.99	1.02	0.63	1.55	81.98	ppb
Cadmium	108-1	0.50	0.73	0.65	0.63	18.19	ppb
Calcium	43-1	161511.81	163863.05	165795.72	163723.53	1.31	ppb
Calcium	44-1	160899.93	163949.00	167694.64	164181.19	2.07	ppb
Chromium	52-2	2.26	2.29	2.46	2.34	4.75	ppb
Cobalt	59-2	0.50	0.46	0.52	0.49	5.73	ppb
Copper	63-2	0.79	0.77	0.86	0.81	5.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	54-2	31777.62	31871.60	31607.49	31752.24	0.42	ppb
Iron	56-2	32691.46	32277.89	32703.71	32557.69	0.74	ppb
Iron	57-2	32015.91	32123.23	32193.24	32110.80	0.28	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.35	0.42	0.35	21.25	ppb
Lead	207-1	0.35	0.26	0.34	0.32	15.96	ppb
Lead	208-1	0.34	0.34	0.40	0.36	9.59	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-04	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:42:31	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				119		%
Magnesium	24-2	8385.88	8268.30	8307.02	8320.40	0.72	ppb
Manganese	55-2	4482.75	4428.81	4493.93	4468.50	0.78	ppb
Molybdenum	94-1	4.51	4.92	5.07	4.83	6.04	ppb
Molybdenum	95-1	5.04	5.25	5.24	5.18	2.28	ppb
Molybdenum	96-1	5.18	5.34	5.18	5.23	1.72	ppb
Molybdenum	97-1	4.86	4.93	5.39	5.06	5.65	ppb
Molybdenum	98-1	4.86	5.26	5.28	5.14	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.16	3.94	3.95	4.02	3.06	ppb
Phosphorus	31-2	55.96	114.00	70.57	80.18	37.66	ppb
Potassium	39-2	16572.82	16468.57	16433.89	16491.76	0.44	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	2.26	1.84	2.01	2.03	10.36	ppb
Selenium	77-2	-0.97	-0.97	-2.98	-1.64		ppb
Selenium	78-2	-0.44	0.09	1.06	0.24	320.28	ppb
Silicon	28-1	4096.93	4225.17	4257.19	4193.10	2.02	ppb
Silver	109-1	0.05	0.10	0.08	0.07	35.62	ppb
Silver	107-1	0.05	0.07	0.09	0.07	29.00	ppb
Sodium	23-2	1007393.93	1007490.51	999723.36	1004869.27	0.44	ppb
Strontium	86-1	1420.33	1442.03	1432.99	1431.78	0.76	ppb
Strontium	88-1	1433.85	1473.35	1471.54	1459.58	1.53	ppb
Sulfur	34-1	3496.94	3750.76	3976.43	3741.38	6.41	ppb
Terbium	159-1				108		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.10	0.10	0.12	0.11	13.33	ppb
Titanium	47-1	4.78	5.07	5.46	5.10	6.68	ppb
Uranium	238-1	0.42	0.34	0.34	0.37	12.01	ppb
Vanadium	51-2	1.57	1.47	1.47	1.50	3.62	ppb
Yttrium	89-1				108		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-04	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:42:31	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	6.36	6.61	6.23	6.40	3.03	ppb
Zirconium	90-1	0.75	0.86	0.85	0.82	7.00	ppb
Zirconium	91-1	0.85	0.73	0.87	0.82	9.19	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:45:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.58	96.16	92.40	94.05	2.04	ppb
Antimony	121-1	0.10	0.09	0.13	0.11	20.18	ppb
Arsenic	75-2	2.13	2.24	2.41	2.26	6.18	ppb
Barium	135-1	41.42	43.53	41.92	42.29	2.60	ppb
Barium	137-1	42.14	41.93	44.58	42.88	3.44	ppb
Beryllium	9-1	0.09	0.05	0.06	0.07	34.06	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	9.94	11.90	10.67	10.84	9.14	ppb
Boron	11-1	10.44	10.94	10.41	10.59	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	22.11	22.62	23.90	22.88	4.05	ppb
Cadmium	106-1	20.55	20.99	21.54	21.03	2.35	ppb
Cadmium	108-1	22.36	20.98	20.73	21.36	4.12	ppb
Calcium	43-1	48798.94	50855.75	52226.71	50627.14	3.41	ppb
Calcium	44-1	49392.40	50751.07	51516.48	50553.32	2.13	ppb
Chromium	52-2	0.96	0.95	0.89	0.93	4.35	ppb
Cobalt	59-2	1.65	1.76	1.64	1.68	3.92	ppb
Copper	63-2	1.13	1.01	1.13	1.09	6.32	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				110		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	54-2	1655.49	1645.61	1618.20	1639.77	1.18	ppb
Iron	56-2	1659.45	1679.69	1661.14	1666.76	0.67	ppb
Iron	57-2	1697.03	1660.28	1601.78	1653.03	2.91	ppb
Krypton	83-1						cps
Lead	206-1	0.65	0.75	0.66	0.69	8.38	ppb
Lead	207-1	0.56	0.62	0.62	0.60	5.27	ppb
Lead	208-1	0.62	0.68	0.65	0.65	4.38	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-05 Instrumnet Name : P8
 Client Sample ID : 49-PZ004(DOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:45:21 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				122		%
Magnesium	24-2	5584.78	5608.62	5559.32	5584.24	0.44	ppb
Manganese	55-2	103.63	104.48	104.77	104.29	0.57	ppb
Molybdenum	94-1	0.14	0.15	0.19	0.16	16.12	ppb
Molybdenum	95-1	0.15	0.13	0.11	0.13	15.64	ppb
Molybdenum	96-1	0.12	0.17	0.10	0.13	27.72	ppb
Molybdenum	97-1	0.13	0.11	0.13	0.13	10.94	ppb
Molybdenum	98-1	0.13	0.18	0.13	0.15	19.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.71	8.94	9.54	9.07	4.75	ppb
Phosphorus	31-2	-81.77	-80.77	-76.39	-79.64		ppb
Potassium	39-2	4601.73	4686.07	4658.66	4648.82	0.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	-0.08	3.96	2.38	2.09	97.43	ppb
Selenium	77-2	-2.98	-0.99	-2.98	-2.32		ppb
Selenium	78-2	0.89	-0.16	1.82	0.85	116.80	ppb
Silicon	28-1	908.12	971.02	1022.26	967.13	5.91	ppb
Silver	109-1	0.14	0.13	0.16	0.14	10.33	ppb
Silver	107-1	0.14	0.15	0.13	0.14	5.65	ppb
Sodium	23-2	440299.76	439143.68	438108.29	439183.91	0.25	ppb
Strontium	86-1	239.07	246.53	247.17	244.26	1.84	ppb
Strontium	88-1	246.27	254.33	258.29	252.96	2.42	ppb
Sulfur	34-1	-2199.73	-822.59	689.86	-777.48		ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	-0.02	0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	375.08	ppb
Tin	118-1	0.26	0.34	0.37	0.32	17.18	ppb
Titanium	47-1	4.50	5.11	4.38	4.67	8.36	ppb
Uranium	238-1	0.03	0.05	0.04	0.04	27.43	ppb
Vanadium	51-2	0.29	0.36	0.28	0.31	14.26	ppb
Yttrium	89-1				108		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:45:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	171.20	173.28	168.55	171.01	1.39	ppb
Zirconium	90-1	0.03	0.06	0.05	0.05	32.25	ppb
Zirconium	91-1	0.03	0.03	0.07	0.04	50.28	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:02:06	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48794.74	48004.35	49128.43	48642.51	1.19	ppb
Antimony	121-1	511.39	525.62	521.10	519.37	1.40	ppb
Arsenic	75-2	515.32	513.76	516.50	515.19	0.27	ppb
Barium	135-1	2572.94	2577.83	2594.03	2581.60	0.43	ppb
Barium	137-1	2657.31	2591.97	2627.56	2625.61	1.25	ppb
Beryllium	9-1	492.29	511.57	512.90	505.59	2.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	431.28	495.40	517.12	481.27	9.27	ppb
Boron	11-1	425.70	476.05	515.39	472.38	9.52	ppb
Bromine	81-1						cps
Cadmium	111-1	498.72	489.45	498.66	495.61	1.08	ppb
Cadmium	106-1	510.67	495.15	511.36	505.73	1.81	ppb
Cadmium	108-1	494.04	508.96	501.65	501.55	1.49	ppb
Calcium	43-1	234346.90	240435.28	230958.00	235246.73	2.04	ppb
Calcium	44-1	234452.07	236320.32	229495.33	233422.57	1.51	ppb
Chromium	52-2	516.66	507.09	519.56	514.43	1.27	ppb
Cobalt	59-2	513.65	498.29	507.15	506.36	1.52	ppb
Copper	63-2	5095.87	5004.17	5106.30	5068.78	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				112		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	124320.74	123072.29	125843.29	124412.11	1.12	ppb
Iron	56-2	123993.79	123374.12	125467.58	124278.50	0.87	ppb
Iron	57-2	126517.72	125126.76	125225.59	125623.36	0.62	ppb
Krypton	83-1						cps
Lead	206-1	2575.60	2597.28	2608.01	2593.63	0.64	ppb
Lead	207-1	2572.46	2573.89	2617.17	2587.84	0.98	ppb
Lead	208-1	2558.34	2572.42	2613.15	2581.31	1.10	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:02:06	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	251545.44	245327.09	251509.83	249460.79	1.44	ppb
Manganese	55-2	5298.62	5259.03	5383.54	5313.73	1.20	ppb
Molybdenum	94-1	2608.59	2682.57	2605.49	2632.22	1.66	ppb
Molybdenum	95-1	2581.33	2586.31	2627.03	2598.22	0.96	ppb
Molybdenum	96-1	2577.74	2641.64	2628.59	2615.99	1.29	ppb
Molybdenum	97-1	2571.77	2636.89	2634.90	2614.52	1.42	ppb
Molybdenum	98-1	2559.74	2600.74	2586.47	2582.32	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.74	496.47	511.71	506.31	1.69	ppb
Phosphorus	31-2	10219.21	10339.67	10516.74	10358.54	1.44	ppb
Potassium	39-2	122689.72	121914.63	125177.35	123260.57	1.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	494.99	509.91	502.77	502.56	1.49	ppb
Selenium	77-2	542.85	520.56	506.54	523.32	3.50	ppb
Selenium	78-2	510.76	528.65	525.26	521.56	1.82	ppb
Silicon	28-1	523.83	553.71	562.24	546.59	3.69	ppb
Silver	109-1	520.75	512.51	511.57	514.94	0.98	ppb
Silver	107-1	515.96	508.35	508.38	510.89	0.86	ppb
Sodium	23-2	238270.96	234182.26	241586.33	238013.18	1.56	ppb
Strontium	86-1	502.65	519.26	508.72	510.21	1.65	ppb
Strontium	88-1	520.18	529.18	524.80	524.72	0.86	ppb
Sulfur	34-1	8079.11	8189.15	5753.29	7340.51	18.74	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	496.24	501.38	512.81	503.48	1.68	ppb
Thallium	205-1	519.16	514.84	519.43	517.81	0.50	ppb
Tin	118-1	503.72	505.44	505.75	504.97	0.22	ppb
Titanium	47-1	2623.54	2619.65	2606.03	2616.41	0.35	ppb
Uranium	238-1	523.73	519.49	526.75	523.32	0.70	ppb
Vanadium	51-2	520.14	509.77	521.93	517.28	1.27	ppb
Yttrium	89-1				107		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:02:06	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	5044.50	4988.53	5054.10	5029.05	0.70	ppb
Zirconium	90-1	520.11	522.16	529.98	524.09	0.99	ppb
Zirconium	91-1	506.41	507.77	510.74	508.31	0.44	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:21:07	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.06	-1.28	-3.91	-2.41		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	0.00	0.00	-0.01		ppb
Barium	135-1	0.03	0.01	0.00	0.01	83.29	ppb
Barium	137-1	0.00	0.00	0.00	0.00	370.27	ppb
Beryllium	9-1	0.07	0.05	0.11	0.08	40.20	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	4.39	3.50	3.28	3.72	15.82	ppb
Boron	11-1	3.53	3.67	3.77	3.66	3.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.21	-0.01	-0.10		ppb
Cadmium	106-1	-1.23	-3.02	-0.31	-1.52		ppb
Cadmium	108-1	-0.01	-0.17	-0.09	-0.09		ppb
Calcium	43-1	-3.10	-10.42	-8.70	-7.41		ppb
Calcium	44-1	-17.08	-19.60	-16.73	-17.80		ppb
Chromium	52-2	-0.05	0.02	-0.04	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.00	-0.02	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	0.02	-0.74	-1.34	-0.69		ppb
Iron	56-2	0.18	0.54	0.75	0.49	58.71	ppb
Iron	57-2	-2.47	3.59	1.98	1.03	304.49	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.01	0.08	0.04	86.06	ppb
Lead	207-1	0.09	0.10	0.02	0.07	58.91	ppb
Lead	208-1	0.06	0.07	0.05	0.06	15.93	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:21:07	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	3.79	2.36	4.90	3.68	34.53	ppb
Manganese	55-2	-0.10	-0.09	0.00	-0.06		ppb
Molybdenum	94-1	0.07	-0.04	-0.02	0.01	1219.60	ppb
Molybdenum	95-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	-0.03	-0.02		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	139.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.16	-0.17	-0.18		ppb
Phosphorus	31-2	-62.02	-119.66	-78.83	-86.84		ppb
Potassium	39-2	36.26	25.51	24.68	28.82	22.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	1.34	1.12	3.94	2.13	73.48	ppb
Selenium	77-2	-2.98	-0.81	-2.98	-2.26		ppb
Selenium	78-2	-1.71	-0.75	-0.11	-0.86		ppb
Silicon	28-1	-16.73	-29.67	-10.15	-18.85		ppb
Silver	109-1	0.02	0.02	0.02	0.02	0.97	ppb
Silver	107-1	0.01	0.02	0.01	0.01	37.21	ppb
Sodium	23-2	247.74	248.90	243.50	246.71	1.15	ppb
Strontium	86-1	-0.05	-0.05	0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	348.70	ppb
Sulfur	34-1	-2446.89	-3440.70	-1750.68	-2546.09		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.00	0.03	0.01	291.51	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	1318.75	ppb
Tin	118-1	-0.06	-0.06	0.00	-0.04		ppb
Titanium	47-1	-0.35	-0.35	-0.49	-0.40		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	66.26	ppb
Yttrium	89-1				103		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:21:07	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	-0.30	0.06	-0.01	-0.09		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	148.89	ppb
Zirconium	91-1	-0.02	0.00	0.02	0.00		ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-06 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:29:03 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.13	3.57	4.45	3.38	34.61	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.17	ppb
Arsenic	75-2	11.40	12.47	11.76	11.88	4.58	ppb
Barium	135-1	104.87	103.82	104.87	104.52	0.58	ppb
Barium	137-1	106.62	107.37	106.43	106.81	0.47	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	3.48	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	30.26	33.55	36.09	33.30	8.77	ppb
Boron	11-1	30.08	35.02	36.50	33.86	9.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	0.00	-0.11	-0.09		ppb
Cadmium	106-1	-2.55	-0.38	-1.90	-1.61		ppb
Cadmium	108-1	-0.11	-0.11	-0.04	-0.09		ppb
Calcium	43-1	104613.41	102263.31	102885.60	103254.11	1.18	ppb
Calcium	44-1	104850.22	103288.26	102509.65	103549.38	1.15	ppb
Chromium	52-2	0.43	0.35	0.39	0.39	10.27	ppb
Cobalt	59-2	1.62	1.58	1.50	1.57	3.91	ppb
Copper	63-2	0.18	0.33	0.26	0.25	29.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				115		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	8762.25	8657.93	8628.04	8682.74	0.81	ppb
Iron	56-2	8836.88	8960.24	8892.83	8896.65	0.69	ppb
Iron	57-2	8747.62	8729.85	8724.66	8734.04	0.14	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.07	0.14	0.08	64.56	ppb
Lead	207-1	0.09	0.11	0.03	0.08	50.60	ppb
Lead	208-1	0.08	0.10	0.09	0.09	11.80	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:29:03	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	9864.10	9768.76	9695.31	9776.06	0.87	ppb
Manganese	55-2	11931.64	11810.64	11767.37	11836.55	0.72	ppb
Molybdenum	94-1	0.81	0.82	0.82	0.81	0.82	ppb
Molybdenum	95-1	0.90	0.78	0.87	0.85	7.33	ppb
Molybdenum	96-1	0.66	0.72	0.87	0.75	14.18	ppb
Molybdenum	97-1	0.83	0.61	0.73	0.72	15.12	ppb
Molybdenum	98-1	0.73	0.72	0.77	0.74	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.92	1.93	1.87	5.16	ppb
Phosphorus	31-2	-75.79	-81.84	-93.32	-83.65		ppb
Potassium	39-2	6418.07	6374.03	6408.39	6400.17	0.36	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	3.33	2.24	3.27	2.94	20.88	ppb
Selenium	77-2	-2.98	-2.98	7.00	0.35	1659.45	ppb
Selenium	78-2	0.46	-0.13	1.60	0.64	137.33	ppb
Silicon	28-1	5911.91	5651.96	5732.60	5765.49	2.31	ppb
Silver	109-1	0.02	0.01	0.00	0.01	74.66	ppb
Silver	107-1	0.01	0.00	0.01	0.01	84.68	ppb
Sodium	23-2	472543.90	463602.32	465249.24	467131.82	1.02	ppb
Strontium	86-1	789.85	793.15	796.69	793.23	0.43	ppb
Strontium	88-1	800.05	810.30	811.90	807.41	0.80	ppb
Sulfur	34-1	4037.15	2478.77	3018.37	3178.10	24.90	ppb
Terbium	159-1				112		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	0.02	0.00	0.01	228.74	ppb
Thallium	205-1	0.00	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.01	0.07	0.02	0.02	169.19	ppb
Titanium	47-1	0.18	-0.02	-0.03	0.04	271.89	ppb
Uranium	238-1	0.66	0.72	0.72	0.70	5.31	ppb
Vanadium	51-2	0.36	0.33	0.36	0.35	3.68	ppb
Yttrium	89-1				109		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:29:03	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	0.93	0.64	1.21	0.93	30.85	ppb
Zirconium	90-1	0.18	0.16	0.16	0.17	5.88	ppb
Zirconium	91-1	0.13	0.16	0.14	0.14	9.57	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-06DLX5 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SOB)-121620I Dilution Factor : 5
 Date & Time Acquired :: 2020-12-24 19:41:32 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.37	-2.02	1.95	-0.15		ppb
Antimony	121-1	0.01	0.02	0.05	0.03	76.79	ppb
Arsenic	75-2	2.32	2.15	2.30	2.26	4.02	ppb
Barium	135-1	21.14	22.15	19.63	20.97	6.03	ppb
Barium	137-1	21.17	22.45	21.51	21.71	3.05	ppb
Beryllium	9-1	0.15	0.16	0.12	0.14	12.72	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	15.57	16.54	14.58	15.56	6.27	ppb
Boron	11-1	14.60	16.60	14.41	15.20	7.99	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	0.17	-0.15	-0.02		ppb
Cadmium	106-1	-1.43	2.13	-2.30	-0.53		ppb
Cadmium	108-1	-0.01	-0.08	-0.26	-0.12		ppb
Calcium	43-1	20425.93	22022.28	19637.90	20695.37	5.87	ppb
Calcium	44-1	20758.85	22683.16	20335.50	21259.17	5.89	ppb
Chromium	52-2	0.22	0.13	0.15	0.17	26.88	ppb
Cobalt	59-2	0.30	0.31	0.29	0.30	3.77	ppb
Copper	63-2	0.17	0.15	0.24	0.19	23.39	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				104		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	54-2	1725.64	1710.17	1711.96	1715.92	0.49	ppb
Iron	56-2	1729.19	1723.35	1709.06	1720.53	0.60	ppb
Iron	57-2	1756.24	1772.16	1720.00	1749.47	1.53	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.14	0.10	0.10	33.62	ppb
Lead	207-1	0.11	0.10	0.09	0.10	11.73	ppb
Lead	208-1	0.08	0.11	0.07	0.09	22.82	ppb

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-06DLX5 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SOB)-121620I Dilution Factor : 5
 Date & Time Acquired :: 2020-12-24 19:41:32 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	1935.07	1893.54	1910.98	1913.20	1.09	ppb
Manganese	55-2	2350.78	2313.21	2303.82	2322.60	1.07	ppb
Molybdenum	94-1	0.19	0.14	0.14	0.16	17.76	ppb
Molybdenum	95-1	0.10	0.15	0.20	0.15	36.10	ppb
Molybdenum	96-1	0.14	0.14	0.18	0.15	13.38	ppb
Molybdenum	97-1	0.16	0.15	0.20	0.17	13.28	ppb
Molybdenum	98-1	0.19	0.23	0.15	0.19	19.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.21	0.06	0.17	56.70	ppb
Phosphorus	31-2	-94.23	-62.07	-106.31	-87.54		ppb
Potassium	39-2	1262.22	1245.06	1269.67	1258.98	1.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	-1.44	0.16	0.13	-0.38		ppb
Selenium	77-2	3.23	-0.91	3.28	1.87	128.78	ppb
Selenium	78-2	0.36	-0.73	0.60	0.07	958.95	ppb
Silicon	28-1	1123.33	1276.30	1062.24	1153.96	9.56	ppb
Silver	109-1	0.01	0.03	0.01	0.02	44.45	ppb
Silver	107-1	0.02	0.01	0.03	0.02	42.14	ppb
Sodium	23-2	91283.24	90707.96	90812.40	90934.53	0.34	ppb
Strontium	86-1	158.45	168.22	153.01	159.90	4.82	ppb
Strontium	88-1	161.95	175.36	158.08	165.13	5.49	ppb
Sulfur	34-1	-2183.58	967.89	-4052.81	-1756.17		ppb
Terbium	159-1				102		%
Terbium	159-2				112		%
Thallium	203-1	0.05	0.10	0.02	0.06	71.67	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	27.23	ppb
Tin	118-1	-0.01	-0.02	-0.05	-0.03		ppb
Titanium	47-1	-0.32	-0.25	-0.34	-0.30		ppb
Uranium	238-1	0.11	0.15	0.13	0.13	15.16	ppb
Vanadium	51-2	0.07	0.05	0.04	0.05	29.87	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-06DLX5	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SOB)-121620I	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 19:41:32	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	-0.48	0.34	0.22	0.03	1682.49	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	18.61	ppb
Zirconium	91-1	0.04	0.04	0.01	0.03	62.26	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:44:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48723.46	48743.04	55173.69	50880.06	7.31	ppb
Antimony	121-1	500.37	525.18	522.76	516.10	2.65	ppb
Arsenic	75-2	510.45	507.45	587.97	535.29	8.53	ppb
Barium	135-1	2523.76	2604.42	2611.89	2580.02	1.89	ppb
Barium	137-1	2537.68	2657.26	2650.39	2615.11	2.57	ppb
Beryllium	9-1	503.54	528.81	527.45	519.94	2.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	436.13	506.06	545.88	496.02	11.20	ppb
Boron	11-1	436.37	503.77	539.54	493.23	10.62	ppb
Bromine	81-1						cps
Cadmium	111-1	485.78	503.95	512.52	500.75	2.73	ppb
Cadmium	106-1	488.04	509.89	518.26	505.40	3.09	ppb
Cadmium	108-1	488.83	500.60	518.45	502.63	2.97	ppb
Calcium	43-1	230872.84	232370.11	233662.62	232301.86	0.60	ppb
Calcium	44-1	229904.71	232881.22	231999.97	231595.30	0.66	ppb
Chromium	52-2	512.37	511.84	578.72	534.31	7.20	ppb
Cobalt	59-2	502.97	504.65	567.70	525.11	7.03	ppb
Copper	63-2	5065.62	5047.58	5704.04	5272.42	7.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	120672.26	121502.90	137948.71	126707.96	7.69	ppb
Iron	56-2	123074.13	122123.75	138592.36	127930.08	7.23	ppb
Iron	57-2	124783.07	123893.94	141500.89	130059.30	7.63	ppb
Krypton	83-1						cps
Lead	206-1	2586.01	2609.22	2646.70	2613.98	1.17	ppb
Lead	207-1	2625.11	2585.70	2642.65	2617.82	1.11	ppb
Lead	208-1	2603.88	2580.03	2644.96	2609.62	1.26	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:44:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	254079.91	250878.22	280099.87	261686.00	6.12	ppb
Manganese	55-2	5210.91	5250.26	5940.20	5467.12	7.50	ppb
Molybdenum	94-1	2522.48	2615.54	2713.53	2617.18	3.65	ppb
Molybdenum	95-1	2518.26	2581.64	2660.25	2586.72	2.75	ppb
Molybdenum	96-1	2521.93	2584.76	2700.32	2602.34	3.48	ppb
Molybdenum	97-1	2502.61	2578.44	2673.01	2584.69	3.30	ppb
Molybdenum	98-1	2496.78	2540.70	2633.06	2556.85	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.42	507.24	571.64	526.10	7.53	ppb
Phosphorus	31-2	10354.22	9905.19	11431.22	10563.54	7.42	ppb
Potassium	39-2	123314.88	122229.14	137936.02	127826.68	6.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	497.48	498.08	517.09	504.22	2.21	ppb
Selenium	77-2	515.71	513.64	518.66	516.00	0.49	ppb
Selenium	78-2	487.80	510.29	594.94	531.01	10.64	ppb
Silicon	28-1	558.80	597.91	609.22	588.65	4.49	ppb
Silver	109-1	499.14	514.23	517.20	510.19	1.90	ppb
Silver	107-1	495.68	516.79	513.19	508.55	2.22	ppb
Sodium	23-2	222912.24	221702.46	248048.34	230887.68	6.44	ppb
Strontium	86-1	497.74	509.24	521.85	509.61	2.37	ppb
Strontium	88-1	510.05	524.01	539.47	524.51	2.81	ppb
Sulfur	34-1	7760.22	6913.89	5778.90	6817.67	14.58	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	514.28	508.42	525.42	516.04	1.67	ppb
Thallium	205-1	510.28	521.29	532.64	521.41	2.14	ppb
Tin	118-1	494.66	509.35	518.59	507.53	2.38	ppb
Titanium	47-1	2525.11	2602.92	2513.80	2547.28	1.90	ppb
Uranium	238-1	523.91	518.99	529.41	524.10	0.99	ppb
Vanadium	51-2	512.77	514.79	584.16	537.24	7.57	ppb
Yttrium	89-1				105		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:44:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	4985.44	4984.48	5649.71	5206.55	7.37	ppb
Zirconium	90-1	507.02	517.42	526.18	516.88	1.86	ppb
Zirconium	91-1	493.30	506.37	523.18	507.62	2.95	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:53:33	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.59	-0.34	-0.09	-0.67		ppb
Antimony	121-1	0.05	0.02	0.04	0.03	35.04	ppb
Arsenic	75-2	0.00	0.04	0.00	0.01	151.54	ppb
Barium	135-1	0.06	-0.01	0.01	0.02	164.75	ppb
Barium	137-1	0.03	0.00	0.01	0.01	90.66	ppb
Beryllium	9-1	0.14	0.15	0.09	0.13	23.19	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	11.68	12.12	10.64	11.48	6.60	ppb
Boron	11-1	12.57	11.69	11.05	11.77	6.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.15	-0.14	-0.09		ppb
Cadmium	106-1	-0.22	-2.36	-1.84	-1.47		ppb
Cadmium	108-1	-0.08	-0.17	0.14	-0.04		ppb
Calcium	43-1	-7.08	-8.60	-6.14	-7.27		ppb
Calcium	44-1	-13.95	-17.82	-22.44	-18.07		ppb
Chromium	52-2	0.01	-0.03	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.03	-0.01		ppb
Copper	63-2	0.20	0.18	0.21	0.19	8.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	54-2	-1.87	0.09	0.53	-0.42		ppb
Iron	56-2	1.51	1.28	0.98	1.26	21.04	ppb
Iron	57-2	0.84	0.84	2.40	1.36	66.20	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.08	0.12	0.11	24.96	ppb
Lead	207-1	0.14	0.14	0.13	0.14	4.19	ppb
Lead	208-1	0.16	0.11	0.13	0.13	18.44	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:53:33	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	2.62	7.54	4.93	5.03	49.00	ppb
Manganese	55-2	0.11	-0.01	0.20	0.10	106.67	ppb
Molybdenum	94-1	0.02	0.02	0.01	0.01	25.91	ppb
Molybdenum	95-1	0.04	0.01	0.00	0.02	134.52	ppb
Molybdenum	96-1	0.03	0.01	0.01	0.01	67.05	ppb
Molybdenum	97-1	0.08	0.02	0.01	0.04	113.21	ppb
Molybdenum	98-1	0.05	0.02	0.03	0.03	54.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.19	-0.16	-0.18		ppb
Phosphorus	31-2	-64.66	-87.40	-75.75	-75.93		ppb
Potassium	39-2	22.07	-3.21	37.67	18.84	109.51	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	-0.04	0.14	1.94	0.68	161.71	ppb
Selenium	77-2	-0.87	-0.87	-0.90	-0.88		ppb
Selenium	78-2	0.70	1.09	1.14	0.98	24.85	ppb
Silicon	28-1	9.87	-41.52	-39.12	-23.59		ppb
Silver	109-1	0.03	0.01	0.02	0.02	49.77	ppb
Silver	107-1	0.02	0.01	0.01	0.01	47.09	ppb
Sodium	23-2	223.47	234.68	218.33	225.49	3.71	ppb
Strontium	86-1	0.10	0.04	-0.05	0.03	243.04	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	63.41	ppb
Sulfur	34-1	-1683.01	-3996.77	-4744.45	-3474.74		ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.06	0.04	38.52	ppb
Thallium	205-1	0.04	0.02	0.04	0.03	30.97	ppb
Tin	118-1	-0.09	-0.10	-0.05	-0.08		ppb
Titanium	47-1	-0.46	-0.31	-0.46	-0.41		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	47.78	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	73.33	ppb
Yttrium	89-1				101		%

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:53:33	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	-0.07	-0.49	-0.49	-0.35		ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	198.37	ppb
Zirconium	91-1	0.01	0.02	-0.01	0.01	211.64	ppb

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:46:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376	376	391	381	2.27	cps
Antimony	121-1	58	58	25	47	40.76	cps
Arsenic	75-2	9	6	7	7	20.83	cps
Barium	135-1	25	50	17	31	56.77	cps
Barium	137-1	58	33	67	53	32.88	cps
Beryllium	9-1	68	60	56	61	9.96	cps
Bismuth	209-1	2150185	2009065	1992782	2050677	4.22	cps
Bismuth	209-2	1182432	1181493	1192796	1185574	0.53	cps
Boron	10-1	208	168	158	178	14.86	cps
Boron	11-1	882	808	760	817	7.53	cps
Bromine	81-1	3244	3094	2983	3107	4.21	cps
Cadmium	111-1	1102	1111	1102	1105	0.49	cps
Cadmium	106-1	1567	1600	1583	1583	1.05	cps
Cadmium	108-1	4	13	33	17	90.12	cps
Calcium	43-1	287	259	311	286	9.20	cps
Calcium	44-1	16968	16395	17007	16790	2.04	cps
Chromium	52-2	470	533	480	494	6.89	cps
Cobalt	59-2	93	90	70	84	14.94	cps
Copper	63-2	610	567	657	611	7.37	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	33	8	33	25	57.74	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	3788635	3596454	3589677	3658255	3.09	cps
Holmium	165-2	1729989	1681265	1714191	1708482	1.46	cps
Indium	115-1	3839600	3487700	3498781	3608694	5.54	cps
Indium	115-2	567262	563718	565376	565452	0.31	cps
Iron	54-2	417	417	411	415	0.77	cps
Iron	56-2	2984	2817	2817	2873	3.35	cps
Iron	57-2	100	128	106	111	13.23	cps
Krypton	83-1	1803	1763	1823	1797	1.70	cps
Lead	206-1	156	150	239	181	27.44	cps
Lead	207-1	122	144	156	141	12.06	cps
Lead	208-1	661	683	750	698	6.63	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:46:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1351661	1342478	1302574	1332238	1.96	cps
Magnesium	24-2	683	642	700	675	4.45	cps
Manganese	55-2	127	150	170	149	14.57	cps
Molybdenum	94-1	100	108	92	100	8.33	cps
Molybdenum	95-1	25	25	42	31	31.50	cps
Molybdenum	96-1	108	92	58	86	29.57	cps
Molybdenum	97-1	0	8	17	8	100.02	cps
Molybdenum	98-1	17	17	50	28	69.27	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	150	180	160	163	9.35	cps
Phosphorus	31-2	325	267	217	269	20.12	cps
Potassium	39-2	28454	27051	26909	27471	3.11	cps
Rhodium	103-1	3656403	3512370	3434533	3534435	3.18	cps
Rhodium	103-2	1601528	1607824	1590935	1600095	0.53	cps
Scandium	45-1	2617919	2474397	2449128	2513815	3.62	cps
Scandium	45-2	93562	93132	93776	93490	0.35	cps
Selenium	82-1	-69	39	-30	-20	-276.90	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	47	51	36	45	17.40	cps
Silicon	28-1	1268848	1272253	1261609	1267570	0.43	cps
Silver	109-1	25	25	17	22	21.64	cps
Silver	107-1	67	83	50	67	25.00	cps
Sodium	23-2	27034	27218	26458	26903	1.47	cps
Strontium	86-1	2634	3059	3184	2959	9.75	cps
Strontium	88-1	208	217	225	217	3.85	cps
Sulfur	34-1	576534	571668	576217	574806	0.47	cps
Terbium	159-1	4146915	3836088	3901740	3961581	4.14	cps
Terbium	159-2	1719462	1688489	1702611	1703521	0.91	cps
Thallium	203-1	58	108	50	72	43.68	cps
Thallium	205-1	175	292	175	214	31.49	cps
Tin	118-1	233	525	167	308	61.86	cps
Titanium	47-1	517	433	442	464	9.89	cps
Uranium	238-1	0	33	8	14	124.91	cps
Vanadium	51-2	13	3	17	11	62.48	cps
Yttrium	89-1	7260780	6878780	6945107	7028222	2.90	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:46:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	770177	767269	758217	765221	0.82	cps
Zinc	66-2	230	223	150	201	22.07	cps
Zirconium	90-1	200	250	250	233	12.37	cps
Zirconium	91-1	17	75	67	53	59.77	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:49:22	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	751	802	791	782	3.45	cps
Antimony	121-1	6327	6285	6193	6268	1.09	cps
Arsenic	75-2	109	110	115	111	2.89	cps
Barium	135-1	6077	6535	6393	6335	3.71	cps
Barium	137-1	11013	10496	11113	10874	3.05	cps
Beryllium	9-1	808	824	794	809	1.86	cps
Bismuth	209-1	2071234	2112053	2026873	2070054	2.06	cps
Bismuth	209-2	1178441	1178091	1138873	1165135	1.95	cps
Boron	10-1	1406	1486	1520	1470	3.98	cps
Boron	11-1	6464	7232	7468	7055	7.44	cps
Bromine	81-1	3404	3324	3184	3304	3.37	cps
Cadmium	111-1	2000	2024	2034	2019	0.86	cps
Cadmium	106-1	1783	1475	1975	1745	14.46	cps
Cadmium	108-1	46	96	100	81	37.42	cps
Calcium	43-1	4114	4435	4205	4251	3.89	cps
Calcium	44-1	82190	85008	82708	83302	1.80	cps
Chromium	52-2	2234	2304	2190	2242	2.55	cps
Cobalt	59-2	1470	1590	1587	1549	4.41	cps
Copper	63-2	3080	2887	2807	2925	4.81	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	58	0	42	33	90.14	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	3726060	3640028	3609289	3658459	1.65	cps
Holmium	165-2	1714087	1685492	1637217	1678932	2.31	cps
Indium	115-1	3593042	3622019	3592020	3602360	0.47	cps
Indium	115-2	559394	565284	548569	557749	1.52	cps
Iron	54-2	2239	2067	2278	2195	5.12	cps
Iron	56-2	35712	35444	34848	35335	1.25	cps
Iron	57-2	1017	872	911	933	8.01	cps
Krypton	83-1	1850	1947	1770	1856	4.77	cps
Lead	206-1	1600	1656	1678	1645	2.44	cps
Lead	207-1	1372	2296	1567	1745	27.90	cps
Lead	208-1	6228	7274	6862	6788	7.76	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:49:22	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1333383	1329952	1340794	1334710	0.42	cps
Magnesium	24-2	30316	31284	30867	30822	1.58	cps
Manganese	55-2	523	590	557	557	5.99	cps
Molybdenum	94-1	6402	6060	6043	6168	3.28	cps
Molybdenum	95-1	7611	7736	7027	7458	5.07	cps
Molybdenum	96-1	8394	8019	8003	8139	2.72	cps
Molybdenum	97-1	4626	4676	4759	4687	1.44	cps
Molybdenum	98-1	11305	12089	11855	11750	3.43	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	613	587	617	606	2.72	cps
Phosphorus	31-2	233	317	258	269	15.87	cps
Potassium	39-2	51308	50615	51116	51013	0.70	cps
Rhodium	103-1	3595394	3620543	3516082	3577340	1.52	cps
Rhodium	103-2	1589771	1606453	1546385	1580869	1.96	cps
Scandium	45-1	2581017	2513959	2473207	2522728	2.16	cps
Scandium	45-2	94605	95045	92322	93991	1.56	cps
Selenium	82-1	286	58	209	184	62.79	cps
Selenium	77-2	23	13	10	16	44.60	cps
Selenium	78-2	75	75	62	71	10.62	cps
Silicon	28-1	1289894	1283320	1299503	1290906	0.63	cps
Silver	109-1	3292	3409	3526	3409	3.42	cps
Silver	107-1	3692	3867	3576	3712	3.96	cps
Sodium	23-2	86498	86112	84578	85729	1.18	cps
Strontium	86-1	3859	4059	3984	3967	2.55	cps
Strontium	88-1	8253	9062	8319	8545	5.26	cps
Sulfur	34-1	584958	578316	583887	582387	0.61	cps
Terbium	159-1	4016354	3965816	3923714	3968628	1.17	cps
Terbium	159-2	1710832	1683967	1665088	1686629	1.36	cps
Thallium	203-1	1692	2042	1825	1853	9.54	cps
Thallium	205-1	4443	4393	4451	4429	0.71	cps
Tin	118-1	10813	11313	10955	11027	2.34	cps
Titanium	47-1	2534	3068	2600	2734	10.65	cps
Uranium	238-1	5043	5502	5401	5315	4.54	cps
Vanadium	51-2	3387	3564	3634	3528	3.60	cps
Yttrium	89-1	7097110	7080706	6827607	7001808	2.16	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:49:22	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	764956	761742	747132	757943	1.25	cps
Zinc	66-2	503	413	397	438	13.11	cps
Zirconium	90-1	5251	6104	5510	5622	7.78	cps
Zirconium	91-1	1067	1133	1075	1092	3.33	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:52:32	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21512	21159	21289	21320	0.84	cps
Antimony	121-1	154449	157214	156394	156019	0.91	cps
Arsenic	75-2	5697	5607	5733	5679	1.14	cps
Barium	135-1	160063	163596	165486	163048	1.69	cps
Barium	137-1	277828	282001	281728	280519	0.83	cps
Beryllium	9-1	37694	37648	37374	37572	0.46	cps
Bismuth	209-1	2070455	2224814	2219796	2171688	4.04	cps
Bismuth	209-2	1141343	1187548	1194833	1174575	2.47	cps
Boron	10-1	2702	3072	3340	3038	10.55	cps
Boron	11-1	13812	14871	15945	14876	7.17	cps
Bromine	81-1	3234	3134	3214	3194	1.66	cps
Cadmium	111-1	36303	37086	37592	36994	1.76	cps
Cadmium	106-1	5476	5476	5276	5410	2.14	cps
Cadmium	108-1	2742	2638	2579	2653	3.10	cps
Calcium	43-1	40375	40919	40239	40511	0.89	cps
Calcium	44-1	695678	699935	696439	697351	0.33	cps
Chromium	52-2	45489	44800	44619	44969	1.02	cps
Cobalt	59-2	78398	79303	79175	78958	0.62	cps
Copper	63-2	570633	569995	565759	568795	0.47	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	8	50	33	66.15	cps
Erbium	164-2	17	10	0	9	94.38	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	3649771	3879197	3872780	3800582	3.44	cps
Holmium	165-2	1647233	1706796	1688745	1680925	1.82	cps
Indium	115-1	3573018	3843317	3870289	3762208	4.37	cps
Indium	115-2	540441	565271	570179	558630	2.85	cps
Iron	54-2	97256	94477	94231	95321	1.76	cps
Iron	56-2	1718921	1679971	1703990	1700961	1.16	cps
Iron	57-2	43143	42090	42876	42703	1.28	cps
Krypton	83-1	1890	1793	1843	1842	2.62	cps
Lead	206-1	387916	394937	394626	392493	1.01	cps
Lead	207-1	351595	354143	355392	353710	0.55	cps
Lead	208-1	1574827	1599288	1598977	1591031	0.88	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:52:32	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1339282	1380110	1383854	1367749	1.81	cps
Magnesium	24-2	326896	321933	321270	323366	0.95	cps
Manganese	55-2	215018	213801	212472	213764	0.60	cps
Molybdenum	94-1	306987	308722	307706	307805	0.28	cps
Molybdenum	95-1	370894	368228	379744	372955	1.62	cps
Molybdenum	96-1	410833	414919	411884	412545	0.51	cps
Molybdenum	97-1	229638	232032	232330	231333	0.64	cps
Molybdenum	98-1	589019	596728	597700	594482	0.80	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21256	21276	21420	21317	0.42	cps
Phosphorus	31-2	1633	1633	1784	1683	5.15	cps
Potassium	39-2	156635	152095	155893	154874	1.57	cps
Rhodium	103-1	3612239	3752798	3768118	3711051	2.32	cps
Rhodium	103-2	1501841	1589460	1603875	1565059	3.53	cps
Scandium	45-1	2526727	2736452	2659651	2640944	4.02	cps
Scandium	45-2	91452	93099	93388	92646	1.13	cps
Selenium	82-1	2538	2566	2450	2518	2.41	cps
Selenium	77-2	70	53	93	72	27.82	cps
Selenium	78-2	324	334	350	336	3.90	cps
Silicon	28-1	1396863	1383585	1372826	1384424	0.87	cps
Silver	109-1	169466	171635	170064	170388	0.66	cps
Silver	107-1	178850	180604	184801	181418	1.69	cps
Sodium	23-2	654032	656241	652229	654167	0.31	cps
Strontium	86-1	54022	53353	52892	53422	1.06	cps
Strontium	88-1	428115	426245	435750	430036	1.17	cps
Sulfur	34-1	585489	587192	586469	586383	0.15	cps
Terbium	159-1	4047216	4267919	4196674	4170603	2.70	cps
Terbium	159-2	1649962	1732654	1691892	1691503	2.44	cps
Thallium	203-1	91707	95021	94695	93808	1.95	cps
Thallium	205-1	219062	221741	221909	220904	0.72	cps
Tin	118-1	110351	114089	113703	112714	1.82	cps
Titanium	47-1	111844	108954	111391	110730	1.40	cps
Uranium	238-1	258858	261477	260074	260136	0.50	cps
Vanadium	51-2	37770	37325	36904	37333	1.16	cps
Yttrium	89-1	7044523	7499513	7426029	7323355	3.34	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:52:32	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	734320	769536	775208	759688	2.92	cps
Zinc	66-2	78144	77494	76542	77393	1.04	cps
Zirconium	90-1	257744	260004	258573	258774	0.44	cps
Zirconium	91-1	56774	57661	57494	57310	0.82	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 14:55:42 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53611	53789	53062	53487	0.71	cps
Antimony	121-1	395018	397637	406217	399624	1.47	cps
Arsenic	75-2	14237	14108	14338	14228	0.81	cps
Barium	135-1	404083	408681	422274	411679	2.30	cps
Barium	137-1	703311	696466	713776	704517	1.24	cps
Beryllium	9-1	93879	92917	94613	93803	0.91	cps
Bismuth	209-1	2045487	2056309	2138605	2080134	2.45	cps
Bismuth	209-2	1202003	1212985	1213470	1209486	0.54	cps
Boron	10-1	6722	7310	8133	7388	9.59	cps
Boron	11-1	32331	36195	38915	35814	9.24	cps
Bromine	81-1	3464	3304	3514	3427	3.21	cps
Cadmium	111-1	91890	88632	90230	90250	1.80	cps
Cadmium	106-1	11564	10638	11096	11099	4.17	cps
Cadmium	108-1	6743	6835	6527	6702	2.36	cps
Calcium	43-1	101300	102552	103683	102512	1.16	cps
Calcium	44-1	1735061	1729426	1748447	1737645	0.56	cps
Chromium	52-2	115320	113630	113536	114162	0.88	cps
Cobalt	59-2	200877	198209	198674	199253	0.72	cps
Copper	63-2	1447039	1431316	1432338	1436898	0.61	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	67	25	25	39	61.86	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	3617037	3635660	3723472	3658723	1.55	cps
Holmium	165-2	1751190	1753112	1745815	1750039	0.22	cps
Indium	115-1	3652904	3566583	3611700	3610396	1.20	cps
Indium	115-2	574850	574104	575506	574820	0.12	cps
Iron	54-2	243034	242006	240617	241886	0.50	cps
Iron	56-2	4319709	4258908	4285382	4288000	0.71	cps
Iron	57-2	108112	107480	107608	107733	0.31	cps
Krypton	83-1	1984	1843	1907	1911	3.67	cps
Lead	206-1	994798	979542	1003530	992623	1.22	cps
Lead	207-1	877648	889815	906587	891350	1.63	cps
Lead	208-1	4010299	4078518	4128026	4072281	1.45	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:55:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1292527	1300527	1344440	1312498	2.13	cps
Magnesium	24-2	819729	809444	810635	813269	0.69	cps
Manganese	55-2	546939	541073	536638	541550	0.95	cps
Molybdenum	94-1	777349	771330	777333	775337	0.45	cps
Molybdenum	95-1	930375	943313	956187	943292	1.37	cps
Molybdenum	96-1	1020863	1030852	1070216	1040644	2.51	cps
Molybdenum	97-1	571861	573859	583441	576387	1.07	cps
Molybdenum	98-1	1483734	1452974	1486604	1474438	1.26	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	54092	53905	52888	53628	1.21	cps
Phosphorus	31-2	3842	3701	3642	3728	2.76	cps
Potassium	39-2	349946	343426	346880	346751	0.94	cps
Rhodium	103-1	3528046	3523132	3576600	3542593	0.83	cps
Rhodium	103-2	1620720	1618928	1613812	1617820	0.22	cps
Scandium	45-1	2508780	2503852	2555664	2522765	1.13	cps
Scandium	45-2	96874	95505	96108	96162	0.71	cps
Selenium	82-1	6104	6256	6313	6224	1.74	cps
Selenium	77-2	203	227	180	203	11.48	cps
Selenium	78-2	724	719	665	703	4.66	cps
Silicon	28-1	1521602	1520759	1552561	1531641	1.18	cps
Silver	109-1	424347	425530	433026	427634	1.10	cps
Silver	107-1	453923	452175	454394	453497	0.26	cps
Sodium	23-2	1584061	1554055	1577894	1572003	1.01	cps
Strontium	86-1	129043	128521	128446	128670	0.25	cps
Strontium	88-1	1058838	1063512	1093258	1071869	1.74	cps
Sulfur	34-1	606091	599543	605413	603683	0.60	cps
Terbium	159-1	3905595	3995827	4063199	3988207	1.98	cps
Terbium	159-2	1741945	1773181	1786459	1767195	1.29	cps
Thallium	203-1	232641	236409	240686	236579	1.70	cps
Thallium	205-1	548724	555904	567932	557520	1.74	cps
Tin	118-1	283344	282834	285417	283865	0.48	cps
Titanium	47-1	279848	275251	276233	277111	0.87	cps
Uranium	238-1	654163	653948	680588	662900	2.31	cps
Vanadium	51-2	95442	94613	93761	94605	0.89	cps
Yttrium	89-1	6838731	6986834	7001446	6942337	1.30	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:55:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	775744	779680	784356	779927	0.55	cps
Zinc	66-2	196019	194198	193978	194732	0.58	cps
Zirconium	90-1	649182	647146	660465	652265	1.10	cps
Zirconium	91-1	144898	143772	146305	144992	0.88	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 14:58:46 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108153	106609	105507	106756	1.25	cps
Antimony	121-1	821596	817759	817953	819103	0.26	cps
Arsenic	75-2	28954	28617	28628	28733	0.67	cps
Barium	135-1	846089	843631	851925	847215	0.50	cps
Barium	137-1	1459833	1467679	1453648	1460386	0.48	cps
Beryllium	9-1	191676	189881	189185	190247	0.68	cps
Bismuth	209-1	2136029	2108796	2102547	2115791	0.84	cps
Bismuth	209-2	1208736	1201386	1235159	1215094	1.46	cps
Boron	10-1	14140	15055	15966	15053	6.06	cps
Boron	11-1	67265	73682	78017	72988	7.41	cps
Bromine	81-1	3704	3374	3134	3404	8.42	cps
Cadmium	111-1	183618	185203	184548	184457	0.43	cps
Cadmium	106-1	20941	21258	21617	21272	1.59	cps
Cadmium	108-1	13674	13503	13277	13485	1.47	cps
Calcium	43-1	210075	210820	209697	210197	0.27	cps
Calcium	44-1	3498618	3558373	3523845	3526945	0.85	cps
Chromium	52-2	229384	229896	226922	228734	0.70	cps
Cobalt	59-2	407660	398027	397396	401028	1.43	cps
Copper	63-2	2918704	2826767	2857217	2867563	1.63	cps
Dysprosium	156-1	67	50	58	58	14.29	cps
Dysprosium	156-2	23	10	7	13	66.12	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	3759316	3826096	3786765	3790726	0.89	cps
Holmium	165-2	1753446	1729904	1791158	1758169	1.76	cps
Indium	115-1	3676222	3677200	3677283	3676902	0.02	cps
Indium	115-2	567006	571406	591866	576759	2.30	cps
Iron	54-2	490196	479672	483334	484401	1.10	cps
Iron	56-2	8695439	8437607	8414465	8515837	1.83	cps
Iron	57-2	218286	214750	216305	216447	0.82	cps
Krypton	83-1	1780	2000	1867	1882	5.89	cps
Lead	206-1	2078887	2063352	2072556	2071599	0.38	cps
Lead	207-1	1871183	1858966	1857120	1862423	0.41	cps
Lead	208-1	8408170	8362354	8348447	8372990	0.37	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:58:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1353899	1375299	1339912	1356370	1.31	cps
Magnesium	24-2	1648844	1608084	1611292	1622740	1.40	cps
Manganese	55-2	1103689	1093819	1082596	1093368	0.97	cps
Molybdenum	94-1	1569609	1606638	1553631	1576626	1.72	cps
Molybdenum	95-1	1888397	1950538	1931544	1923493	1.66	cps
Molybdenum	96-1	2078075	2128265	2112475	2106272	1.22	cps
Molybdenum	97-1	1187824	1194580	1189362	1190589	0.30	cps
Molybdenum	98-1	3024404	3028986	3009184	3020858	0.34	cps
Neodymium	150-1	47	47	27	40	28.87	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	107866	107169	106814	107283	0.50	cps
Phosphorus	31-2	7452	6952	7260	7221	3.50	cps
Potassium	39-2	678664	678846	670472	675994	0.71	cps
Rhodium	103-1	3569634	3599986	3559568	3576396	0.59	cps
Rhodium	103-2	1580027	1606887	1667683	1618199	2.78	cps
Scandium	45-1	2595450	2557512	2531781	2561581	1.25	cps
Scandium	45-2	95746	95558	98521	96608	1.72	cps
Selenium	82-1	12847	12793	12895	12845	0.40	cps
Selenium	77-2	400	323	387	370	11.07	cps
Selenium	78-2	1348	1385	1358	1364	1.40	cps
Silicon	28-1	1734925	1778429	1814237	1775864	2.24	cps
Silver	109-1	890092	885396	879527	885005	0.60	cps
Silver	107-1	926382	942679	926095	931719	1.02	cps
Sodium	23-2	3110956	3090873	3076201	3092677	0.56	cps
Strontium	86-1	261819	265912	259835	262522	1.18	cps
Strontium	88-1	2160983	2224218	2153175	2179458	1.79	cps
Sulfur	34-1	644810	630176	636287	637091	1.15	cps
Terbium	159-1	4055596	4131240	3937670	4041502	2.41	cps
Terbium	159-2	1780651	1737817	1810015	1776161	2.04	cps
Thallium	203-1	486319	493105	490179	489867	0.69	cps
Thallium	205-1	1142440	1155522	1158468	1152143	0.74	cps
Tin	118-1	592586	592197	580302	588362	1.19	cps
Titanium	47-1	568048	572042	571740	570610	0.39	cps
Uranium	238-1	1386565	1385790	1356651	1376335	1.24	cps
Vanadium	51-2	191483	188258	187420	189054	1.13	cps
Yttrium	89-1	7131565	7209953	7001001	7114173	1.48	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 14:58:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	776953	778609	803549	786370	1.89	cps
Zinc	66-2	394273	386329	386265	388956	1.18	cps
Zirconium	90-1	1338443	1357643	1327977	1341354	1.12	cps
Zirconium	91-1	297903	299424	300091	299139	0.37	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:01:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214159	213033	212455	213216	0.41	cps
Antimony	121-1	1581037	1565829	1551034	1565967	0.96	cps
Arsenic	75-2	57669	57312	57672	57551	0.36	cps
Barium	135-1	1652524	1616895	1627661	1632360	1.12	cps
Barium	137-1	2832511	2709229	2803601	2781780	2.32	cps
Beryllium	9-1	374495	361948	366334	367592	1.73	cps
Bismuth	209-1	2079794	2054346	2088160	2074100	0.85	cps
Bismuth	209-2	1208757	1225519	1208732	1214336	0.80	cps
Boron	10-1	26655	28842	30646	28714	6.96	cps
Boron	11-1	131468	140868	150031	140789	6.59	cps
Bromine	81-1	3504	3194	3354	3351	4.63	cps
Cadmium	111-1	359734	349998	353194	354309	1.40	cps
Cadmium	106-1	39156	38596	39332	39028	0.98	cps
Cadmium	108-1	26000	25787	25524	25770	0.92	cps
Calcium	43-1	412684	404562	404197	407148	1.18	cps
Calcium	44-1	6968530	6735683	6693171	6799128	2.18	cps
Chromium	52-2	458759	453688	450911	454453	0.88	cps
Cobalt	59-2	793436	784105	795367	790969	0.76	cps
Copper	63-2	5648349	5511476	5634726	5598184	1.35	cps
Dysprosium	156-1	83	25	33	47	66.82	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	58	67	33	53	32.88	cps
Gadolinium	160-2	23	30	17	23	28.56	cps
Holmium	165-1	3770946	3719715	3715850	3735504	0.82	cps
Holmium	165-2	1752502	1780071	1757525	1763366	0.83	cps
Indium	115-1	3665767	3605940	3668376	3646694	0.97	cps
Indium	115-2	578072	578091	569373	575179	0.87	cps
Iron	54-2	965107	957143	965310	962520	0.48	cps
Iron	56-2	17005571	16920438	17024593	16983534	0.33	cps
Iron	57-2	429991	424727	432282	429000	0.90	cps
Krypton	83-1	1770	1860	1750	1793	3.27	cps
Lead	206-1	4036676	3944143	3981933	3987584	1.17	cps
Lead	207-1	3645350	3573796	3626712	3615286	1.03	cps
Lead	208-1	16242726	15884032	16047012	16057923	1.12	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:01:47 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1365750	1338232	1353058	1352347	1.02	cps
Magnesium	24-2	3194156	3220609	3167640	3194135	0.83	cps
Manganese	55-2	2169629	2157765	2170998	2166131	0.34	cps
Molybdenum	94-1	3081393	3014936	3025946	3040758	1.17	cps
Molybdenum	95-1	3765515	3650994	3742867	3719792	1.63	cps
Molybdenum	96-1	4158078	4077031	4058469	4097859	1.29	cps
Molybdenum	97-1	2315086	2314668	2312255	2314003	0.07	cps
Molybdenum	98-1	5943984	5840343	5898033	5894120	0.88	cps
Neodymium	150-1	93	47	60	67	36.06	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	211600	211278	209017	210632	0.67	cps
Phosphorus	31-2	14007	14749	14783	14513	3.02	cps
Potassium	39-2	1275457	1293979	1314700	1294712	1.52	cps
Rhodium	103-1	3557415	3491593	3544027	3531012	0.99	cps
Rhodium	103-2	1646681	1624845	1610104	1627210	1.13	cps
Scandium	45-1	2615959	2542630	2461182	2539924	3.05	cps
Scandium	45-2	95005	97303	95014	95774	1.38	cps
Selenium	82-1	25135	24718	24979	24944	0.84	cps
Selenium	77-2	863	777	733	791	8.37	cps
Selenium	78-2	2732	2798	2691	2740	1.97	cps
Silicon	28-1	2218779	2186462	2239981	2215074	1.22	cps
Silver	109-1	1698528	1677401	1679523	1685151	0.69	cps
Silver	107-1	1804060	1774889	1763718	1780889	1.17	cps
Sodium	23-2	6140719	6244158	6130961	6171946	1.02	cps
Strontium	86-1	509503	498299	500621	502808	1.18	cps
Strontium	88-1	4190488	4149648	4165026	4168387	0.49	cps
Sulfur	34-1	710466	699699	690955	700373	1.40	cps
Terbium	159-1	4071688	4050166	4083797	4068550	0.42	cps
Terbium	159-2	1789321	1747422	1761278	1766007	1.21	cps
Thallium	203-1	943246	930024	935276	936182	0.71	cps
Thallium	205-1	2253765	2163791	2218853	2212136	2.05	cps
Tin	118-1	1152142	1122750	1130031	1134974	1.35	cps
Titanium	47-1	1117224	1106813	1104562	1109533	0.61	cps
Uranium	238-1	2664149	2647273	2626478	2645966	0.71	cps
Vanadium	51-2	378123	382225	379651	379999	0.55	cps
Yttrium	89-1	7110553	6959422	6961446	7010474	1.24	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:01:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	789257	788757	775219	784411	1.02	cps
Zinc	66-2	771296	771172	769426	770631	0.14	cps
Zirconium	90-1	2573157	2528553	2545565	2549092	0.88	cps
Zirconium	91-1	587359	584058	581113	584177	0.53	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:04:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427815	427263	433195	429424	0.76	cps
Antimony	121-1	3147877	3160655	3181268	3163267	0.53	cps
Arsenic	75-2	114857	114861	116016	115245	0.58	cps
Barium	135-1	3300191	3279513	3328873	3302859	0.75	cps
Barium	137-1	5581769	5598148	5630729	5603548	0.44	cps
Beryllium	9-1	733281	744219	750180	742560	1.15	cps
Bismuth	209-1	2039181	2061425	2086500	2062369	1.15	cps
Bismuth	209-2	1218369	1209568	1220434	1216124	0.47	cps
Boron	10-1	54814	59182	64270	59422	7.96	cps
Boron	11-1	267759	295040	313928	292242	7.94	cps
Bromine	81-1	3774	3875	3374	3674	7.21	cps
Cadmium	111-1	711135	720923	716820	716293	0.69	cps
Cadmium	106-1	76336	77442	76730	76836	0.73	cps
Cadmium	108-1	52386	52863	52554	52601	0.46	cps
Calcium	43-1	818418	829739	835279	827812	1.04	cps
Calcium	44-1	13462891	13644402	13754203	13620499	1.08	cps
Chromium	52-2	925815	917305	919795	920972	0.48	cps
Cobalt	59-2	1625836	1581784	1585341	1597654	1.53	cps
Copper	63-2	11065252	11199025	11292685	11185654	1.02	cps
Dysprosium	156-1	83	108	67	86	24.35	cps
Dysprosium	156-2	17	20	47	28	59.19	cps
Erbium	164-1	75	42	17	44	65.84	cps
Erbium	164-2	20	30	23	24	20.83	cps
Gadolinium	160-1	42	92	108	81	43.07	cps
Gadolinium	160-2	27	47	30	34	31.11	cps
Holmium	165-1	3746607	3756062	3720038	3740903	0.50	cps
Holmium	165-2	1789480	1763374	1799435	1784096	1.04	cps
Indium	115-1	3632295	3650230	3607190	3629905	0.60	cps
Indium	115-2	571923	566656	573322	570634	0.62	cps
Iron	54-2	1948101	1918933	1958163	1941732	1.05	cps
Iron	56-2	34367256	34353335	34668361	34462984	0.52	cps
Iron	57-2	866062	860715	870768	865849	0.58	cps
Krypton	83-1	1697	1673	1927	1766	7.93	cps
Lead	206-1	7984959	8098920	7958721	8014200	0.93	cps
Lead	207-1	7131991	7233662	7223583	7196412	0.78	cps
Lead	208-1	31939630	32392775	32560862	32297756	0.99	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:04:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1373050	1381777	1397325	1384051	0.89	cps
Magnesium	24-2	6388173	6297856	6445959	6377329	1.17	cps
Manganese	55-2	4338188	4289252	4345521	4324321	0.71	cps
Molybdenum	94-1	6087397	6167895	6072691	6109328	0.84	cps
Molybdenum	95-1	7364038	7553021	7482226	7466428	1.28	cps
Molybdenum	96-1	8063806	8288241	8348637	8233561	1.82	cps
Molybdenum	97-1	4563383	4691395	4662296	4639025	1.45	cps
Molybdenum	98-1	11893425	12257213	12023912	12058183	1.53	cps
Neodymium	150-1	200	200	113	171	29.24	cps
Neodymium	150-2	30	37	10	26	54.31	cps
Nickel	60-2	421342	419729	425161	422077	0.66	cps
Phosphorus	31-2	29030	28737	28996	28921	0.55	cps
Potassium	39-2	2627993	2572165	2621857	2607338	1.17	cps
Rhodium	103-1	3538960	3588513	3483882	3537119	1.48	cps
Rhodium	103-2	1624577	1601995	1614054	1613542	0.70	cps
Scandium	45-1	2569173	2578861	2604466	2584167	0.71	cps
Scandium	45-2	97958	96844	99132	97978	1.17	cps
Selenium	82-1	49823	51012	50340	50392	1.18	cps
Selenium	77-2	1503	1553	1587	1548	2.71	cps
Selenium	78-2	5357	5237	5290	5294	1.14	cps
Silicon	28-1	3007565	3024333	3118173	3050024	1.95	cps
Silver	109-1	3349491	3359082	3351575	3353383	0.15	cps
Silver	107-1	3575731	3540260	3550366	3555452	0.51	cps
Sodium	23-2	12455899	12299843	12346494	12367412	0.65	cps
Strontium	86-1	1022435	1032241	1025328	1026668	0.49	cps
Strontium	88-1	8433960	8533176	8382676	8449937	0.91	cps
Sulfur	34-1	845593	844460	840983	843678	0.28	cps
Terbium	159-1	4034835	4134353	4057425	4075537	1.28	cps
Terbium	159-2	1803602	1789071	1799660	1797445	0.42	cps
Thallium	203-1	1858425	1934676	1881263	1891455	2.07	cps
Thallium	205-1	4436209	4476081	4452787	4455025	0.45	cps
Tin	118-1	2256857	2301190	2270070	2276039	1.00	cps
Titanium	47-1	2281796	2242841	2280478	2268372	0.98	cps
Uranium	238-1	5377950	5404011	5397070	5393010	0.25	cps
Vanadium	51-2	774366	760752	770071	768396	0.91	cps
Yttrium	89-1	7178723	7270208	7009623	7152851	1.85	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:04:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	799023	784467	796441	793310	0.98	cps
Zinc	66-2	1533276	1542986	1522765	1533009	0.66	cps
Zirconium	90-1	5196010	5257547	5205265	5219607	0.64	cps
Zirconium	91-1	1184102	1201433	1184421	1189985	0.83	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:07:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2165432	2143079	2132010	2146840	0.79	cps
Antimony	121-1	2234	2017	2234	2161	5.79	cps
Arsenic	75-2	66	70	48	61	19.10	cps
Barium	135-1	842	867	908	872	3.86	cps
Barium	137-1	1608	1575	1583	1589	1.09	cps
Beryllium	9-1	530	414	436	460	13.39	cps
Bismuth	209-1	1970774	2009604	2023245	2001207	1.36	cps
Bismuth	209-2	1156203	1150431	1165586	1157406	0.66	cps
Boron	10-1	10830	9365	8777	9657	10.95	cps
Boron	11-1	50606	45792	43156	46518	8.12	cps
Bromine	81-1	3965	3324	3424	3571	9.65	cps
Cadmium	111-1	1203	1494	1249	1315	11.91	cps
Cadmium	106-1	1442	1692	1450	1528	9.29	cps
Cadmium	108-1	63	33	71	56	35.45	cps
Calcium	43-1	4337001	4310705	4405837	4351181	1.13	cps
Calcium	44-1	72665589	71827182	73565899	72686224	1.20	cps
Chromium	52-2	3771	3584	3851	3735	3.67	cps
Cobalt	59-2	2307	2264	2267	2279	1.06	cps
Copper	63-2	5995	5878	5768	5880	1.93	cps
Dysprosium	156-1	700	708	675	694	2.50	cps
Dysprosium	156-2	443	383	380	402	8.86	cps
Erbium	164-1	133	67	133	111	34.64	cps
Erbium	164-2	60	83	43	62	32.29	cps
Gadolinium	160-1	708	767	758	744	4.24	cps
Gadolinium	160-2	440	450	423	438	3.08	cps
Holmium	165-1	3650993	3718439	3774344	3714592	1.66	cps
Holmium	165-2	1774720	1745720	1770367	1763602	0.89	cps
Indium	115-1	3537805	3607935	3649032	3598257	1.56	cps
Indium	115-2	561052	555414	564909	560458	0.85	cps
Iron	54-2	9613760	9595054	9510947	9573254	0.57	cps
Iron	56-2	171205737	171900493	171063376	171389869	0.26	cps
Iron	57-2	4355011	4279976	4322181	4319056	0.87	cps
Krypton	83-1	1863	2013	1733	1870	7.49	cps
Lead	206-1	8970	9037	9042	9016	0.45	cps
Lead	207-1	8164	8125	7669	7986	3.44	cps
Lead	208-1	36209	36076	36306	36197	0.32	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:07:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1420722	1402304	1409939	1410988	0.66	cps
Magnesium	24-2	31973886	31476874	31724876	31725212	0.78	cps
Manganese	55-2	2584	2410	2584	2526	3.96	cps
Molybdenum	94-1	1708	1633	1925	1756	8.63	cps
Molybdenum	95-1	1759	1892	1792	1814	3.83	cps
Molybdenum	96-1	2550	3042	3076	2889	10.18	cps
Molybdenum	97-1	1250	1300	1601	1384	13.71	cps
Molybdenum	98-1	2967	3175	3267	3137	4.90	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	1223	1097	1193	1171	5.65	cps
Phosphorus	31-2	242	283	283	269	8.93	cps
Potassium	39-2	12988323	12820455	12887599	12898792	0.66	cps
Rhodium	103-1	3358068	3442396	3365253	3388572	1.38	cps
Rhodium	103-2	1546974	1520301	1540901	1536058	0.91	cps
Scandium	45-1	2524095	2520651	2584741	2543162	1.42	cps
Scandium	45-2	96172	94834	94387	95131	0.98	cps
Selenium	82-1	42	-276	105	-43	-472.23	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	60	53	50	54	9.44	cps
Silicon	28-1	1330349	1332951	1354748	1339349	1.00	cps
Silver	109-1	1175	1167	1183	1175	0.71	cps
Silver	107-1	1217	1167	1050	1145	7.47	cps
Sodium	23-2	74171508	73887941	74030095	74029848	0.19	cps
Strontium	86-1	8761	9170	9153	9028	2.56	cps
Strontium	88-1	50542	50316	51604	50821	1.35	cps
Sulfur	34-1	545957	544060	550824	546947	0.64	cps
Terbium	159-1	3901703	4090368	4035649	4009240	2.42	cps
Terbium	159-2	1777511	1773060	1774320	1774963	0.13	cps
Thallium	203-1	1150	1208	1167	1175	2.56	cps
Thallium	205-1	2992	3034	2834	2953	3.57	cps
Tin	118-1	783	742	800	775	3.88	cps
Titanium	47-1	567	883	775	742	21.70	cps
Uranium	238-1	808	800	1275	961	28.30	cps
Vanadium	51-2	77	107	90	91	16.50	cps
Yttrium	89-1	6938838	7076082	7030569	7015163	1.00	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:07:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	780966	783304	778721	780997	0.29	cps
Zinc	66-2	1403	1577	1503	1495	5.82	cps
Zirconium	90-1	2075	1875	1884	1945	5.82	cps
Zirconium	91-1	542	542	458	514	9.36	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:12:22 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10639	10594	10745	10659	0.73	cps
Antimony	121-1	603171	630133	620541	617948	2.21	cps
Arsenic	75-2	22530	22194	22747	22490	1.24	cps
Barium	135-1	64755	66556	64847	65386	1.55	cps
Barium	137-1	113247	113885	112759	113297	0.50	cps
Beryllium	9-1	73204	74212	73165	73527	0.81	cps
Bismuth	209-1	2038890	2114107	2100302	2084433	1.92	cps
Bismuth	209-2	1185570	1187965	1197998	1190511	0.55	cps
Boron	10-1	36510	39573	40876	38986	5.75	cps
Boron	11-1	178287	193047	199509	190281	5.72	cps
Bromine	81-1	3464	3464	3474	3467	0.17	cps
Cadmium	111-1	73449	76731	75440	75207	2.20	cps
Cadmium	106-1	13674	14299	14450	14141	2.91	cps
Cadmium	108-1	7235	7665	7452	7451	2.88	cps
Calcium	43-1	17323	17788	17645	17585	1.35	cps
Calcium	44-1	290941	299372	295667	295327	1.43	cps
Chromium	52-2	90142	89944	90008	90031	0.11	cps
Cobalt	59-2	158157	155742	160473	158124	1.50	cps
Copper	63-2	118123	118510	121011	119215	1.31	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	50	25	58	44	39.04	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	3692877	3725845	3631220	3683314	1.30	cps
Holmium	165-2	1712127	1730645	1729906	1724226	0.61	cps
Indium	115-1	3592928	3635009	3614392	3614110	0.58	cps
Indium	115-2	563412	554108	564704	560741	1.03	cps
Iron	54-2	77051	76225	77766	77014	1.00	cps
Iron	56-2	1330182	1313848	1324116	1322715	0.62	cps
Iron	57-2	33189	33640	33673	33501	0.81	cps
Krypton	83-1	1733	1817	1837	1796	3.05	cps
Lead	206-1	316626	325827	322606	321687	1.45	cps
Lead	207-1	263426	270257	265851	266511	1.30	cps
Lead	208-1	1234854	1267374	1260433	1254220	1.37	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:12:22	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1456000	1490306	1421538	1455948	2.36	cps
Magnesium	24-2	75119	74331	77180	75543	1.95	cps
Manganese	55-2	44252	43292	44339	43961	1.32	cps
Molybdenum	94-1	3230078	3246498	3224811	3233795	0.35	cps
Molybdenum	95-1	3773796	3898343	3848546	3840228	1.63	cps
Molybdenum	96-1	4184371	4282952	4286487	4251270	1.36	cps
Molybdenum	97-1	2342690	2397768	2395693	2378717	1.31	cps
Molybdenum	98-1	6010839	6140710	6101543	6084364	1.09	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	42336	42283	42587	42402	0.38	cps
Phosphorus	31-2	217	167	300	228	29.57	cps
Potassium	39-2	126997	128654	128502	128051	0.72	cps
Rhodium	103-1	3528046	3587547	3548535	3554710	0.85	cps
Rhodium	103-2	1613005	1617409	1649534	1626649	1.23	cps
Scandium	45-1	2491434	2565295	2469497	2508742	2.00	cps
Scandium	45-2	93317	93455	96193	94322	1.72	cps
Selenium	82-1	10048	9741	10061	9950	1.82	cps
Selenium	77-2	313	290	257	287	9.94	cps
Selenium	78-2	1113	1051	1076	1080	2.89	cps
Silicon	28-1	2161928	2215497	2236391	2204605	1.74	cps
Silver	109-1	160985	164661	164618	163421	1.29	cps
Silver	107-1	174266	175970	174190	174809	0.58	cps
Sodium	23-2	285488	284246	290654	286796	1.18	cps
Strontium	86-1	563689	578841	571867	571465	1.33	cps
Strontium	88-1	4697113	4850097	4743788	4763666	1.65	cps
Sulfur	34-1	554831	556580	556040	555817	0.16	cps
Terbium	159-1	3930067	4025983	4000461	3985504	1.25	cps
Terbium	159-2	1725280	1692558	1717723	1711854	1.00	cps
Thallium	203-1	398226	408571	404404	403734	1.29	cps
Thallium	205-1	940147	960873	959390	953470	1.21	cps
Tin	118-1	1226088	1244997	1240161	1237082	0.79	cps
Titanium	47-1	1147084	1196608	1152757	1165483	2.33	cps
Uranium	238-1	2879356	2969981	2987305	2945547	1.97	cps
Vanadium	51-2	72791	72141	73635	72855	1.03	cps
Yttrium	89-1	7036723	7129064	6845987	7003925	2.06	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:12:22	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	769509	758885	779607	769334	1.35	cps
Zinc	66-2	30633	29778	30940	30450	1.98	cps
Zirconium	90-1	2781875	2873668	2812147	2822563	1.66	cps
Zirconium	91-1	643883	656412	643041	647779	1.16	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:23:02	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	781	760	819	787	3.78	cps
Antimony	121-1	5968	5843	6177	5996	2.81	cps
Arsenic	75-2	113	125	116	118	5.29	cps
Barium	135-1	6418	6110	6393	6307	2.72	cps
Barium	137-1	10629	10313	10096	10346	2.59	cps
Beryllium	9-1	852	928	850	877	5.07	cps
Bismuth	209-1	2044781	2016154	1965472	2008803	2.00	cps
Bismuth	209-2	1157112	1155258	1143877	1152082	0.62	cps
Boron	10-1	2376	2412	2600	2462	4.89	cps
Boron	11-1	11120	12139	12763	12007	6.91	cps
Bromine	81-1	3384	3144	3604	3377	6.82	cps
Cadmium	111-1	1865	1805	2005	1891	5.43	cps
Cadmium	106-1	1600	1533	1642	1592	3.43	cps
Cadmium	108-1	79	104	88	90	14.10	cps
Calcium	43-1	4055	4083	3918	4018	2.20	cps
Calcium	44-1	79945	79172	78340	79152	1.01	cps
Chromium	52-2	2217	2300	2150	2222	3.38	cps
Cobalt	59-2	1487	1627	1550	1555	4.51	cps
Copper	63-2	3367	3340	3127	3278	4.01	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	0	42	25	22	94.38	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	3615707	3583080	3568160	3588982	0.68	cps
Holmium	165-2	1675499	1627210	1651990	1651566	1.46	cps
Indium	115-1	3599320	3513159	3510766	3541082	1.42	cps
Indium	115-2	546397	544531	542756	544561	0.33	cps
Iron	54-2	2239	2039	2111	2130	4.76	cps
Iron	56-2	35589	36363	36675	36209	1.54	cps
Iron	57-2	811	844	839	832	2.15	cps
Krypton	83-1	1773	1753	1777	1768	0.71	cps
Lead	206-1	1828	1628	1711	1722	5.83	cps
Lead	207-1	1461	1695	1439	1532	9.24	cps
Lead	208-1	6984	7062	6745	6930	2.38	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:23:02	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1399720	1384367	1381459	1388515	0.71	cps
Magnesium	24-2	31827	30324	30791	30981	2.48	cps
Manganese	55-2	617	580	617	604	3.50	cps
Molybdenum	94-1	6310	5918	6093	6107	3.21	cps
Molybdenum	95-1	7419	6894	7010	7108	3.88	cps
Molybdenum	96-1	7577	7819	7427	7608	2.60	cps
Molybdenum	97-1	4242	4176	4309	4242	1.57	cps
Molybdenum	98-1	11455	11822	11905	11728	2.04	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	477	473	460	470	1.88	cps
Phosphorus	31-2	275	192	233	233	17.86	cps
Potassium	39-2	51877	51668	51066	51537	0.82	cps
Rhodium	103-1	3478985	3464800	3423144	3455643	0.84	cps
Rhodium	103-2	1540600	1515223	1541611	1532478	0.98	cps
Scandium	45-1	2440533	2457724	2436445	2444900	0.46	cps
Scandium	45-2	90516	90741	90650	90636	0.12	cps
Selenium	82-1	254	373	253	293	23.48	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	76	43	66	62	27.45	cps
Silicon	28-1	1318354	1313069	1333675	1321700	0.81	cps
Silver	109-1	3050	3376	3142	3189	5.26	cps
Silver	107-1	3384	3342	3492	3406	2.27	cps
Sodium	23-2	91285	89097	90312	90231	1.21	cps
Strontium	86-1	3592	3667	3734	3664	1.94	cps
Strontium	88-1	7944	8261	7652	7953	3.83	cps
Sulfur	34-1	561018	558621	554654	558098	0.58	cps
Terbium	159-1	3887639	3779432	3834495	3833855	1.41	cps
Terbium	159-2	1658953	1637061	1651787	1649267	0.68	cps
Thallium	203-1	2025	2075	2067	2056	1.30	cps
Thallium	205-1	4801	4376	4568	4582	4.65	cps
Tin	118-1	10463	11021	10513	10666	2.90	cps
Titanium	47-1	2675	2525	2450	2550	4.49	cps
Uranium	238-1	4776	5193	4876	4948	4.40	cps
Vanadium	51-2	3617	3527	3414	3519	2.90	cps
Yttrium	89-1	6908677	6777751	6748611	6811680	1.25	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:23:02	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	745684	736233	735817	739245	0.75	cps
Zinc	66-2	393	447	423	421	6.35	cps
Zirconium	90-1	5410	4926	5001	5112	5.09	cps
Zirconium	91-1	1117	1208	1200	1175	4.31	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:25:52 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422	377	345	382	10.20	cps
Antimony	121-1	50	92	83	75	29.40	cps
Arsenic	75-2	8	7	7	7	7.87	cps
Barium	135-1	42	75	42	53	36.46	cps
Barium	137-1	83	33	42	53	50.76	cps
Beryllium	9-1	132	162	158	151	10.81	cps
Bismuth	209-1	2098645	1998368	1895326	1997447	5.09	cps
Bismuth	209-2	1140832	1166450	1171987	1159757	1.43	cps
Boron	10-1	1290	1298	1184	1257	5.06	cps
Boron	11-1	6408	6106	5810	6108	4.90	cps
Bromine	81-1	3855	3043	3444	3447	11.76	cps
Cadmium	111-1	1029	863	934	942	8.83	cps
Cadmium	106-1	1467	1242	1325	1345	8.46	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	275	250	257	261	4.92	cps
Calcium	44-1	16048	16026	15944	16006	0.34	cps
Chromium	52-2	507	490	503	500	1.76	cps
Cobalt	59-2	100	77	93	90	13.35	cps
Copper	63-2	927	873	830	877	5.52	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	3686244	3579018	3321980	3529081	5.30	cps
Holmium	165-2	1660149	1697533	1716113	1691265	1.69	cps
Indium	115-1	3638341	3470075	3248388	3452268	5.67	cps
Indium	115-2	548871	553789	554701	552454	0.57	cps
Iron	54-2	494	333	428	419	19.34	cps
Iron	56-2	3367	3489	3617	3491	3.58	cps
Iron	57-2	133	78	122	111	26.46	cps
Krypton	83-1	1870	1623	1907	1800	8.56	cps
Lead	206-1	267	228	250	248	7.86	cps
Lead	207-1	267	233	228	243	8.67	cps
Lead	208-1	1239	1122	1078	1146	7.26	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:25:52 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1411497	1370247	1320880	1367541	3.32	cps
Magnesium	24-2	958	967	975	967	0.86	cps
Manganese	55-2	157	163	150	157	4.26	cps
Molybdenum	94-1	117	175	67	119	45.39	cps
Molybdenum	95-1	100	25	83	69	56.71	cps
Molybdenum	96-1	92	108	92	97	9.90	cps
Molybdenum	97-1	67	8	8	28	121.26	cps
Molybdenum	98-1	17	75	33	42	72.11	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	127	103	117	116	10.13	cps
Phosphorus	31-2	250	292	142	228	33.99	cps
Potassium	39-2	28462	27786	28562	28270	1.49	cps
Rhodium	103-1	3581396	3470308	3236066	3429257	5.14	cps
Rhodium	103-2	1573030	1587362	1582063	1580818	0.46	cps
Scandium	45-1	2519671	2439567	2279721	2412986	5.06	cps
Scandium	45-2	91724	92042	91714	91826	0.20	cps
Selenium	82-1	-21	161	-76	21	578.49	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	37	52	50	46	17.59	cps
Silicon	28-1	1278332	1294128	1294019	1288826	0.71	cps
Silver	109-1	42	25	83	50	60.09	cps
Silver	107-1	67	117	33	72	58.08	cps
Sodium	23-2	31326	31134	31501	31320	0.59	cps
Strontium	86-1	2900	2609	2934	2814	6.35	cps
Strontium	88-1	242	133	217	197	28.76	cps
Sulfur	34-1	562842	559016	559439	560432	0.37	cps
Terbium	159-1	4014091	3779487	3573029	3788869	5.82	cps
Terbium	159-2	1664761	1689447	1666274	1673494	0.83	cps
Thallium	203-1	100	183	175	153	30.04	cps
Thallium	205-1	492	500	358	450	17.67	cps
Tin	118-1	167	108	142	139	21.07	cps
Titanium	47-1	375	333	367	358	6.15	cps
Uranium	238-1	17	8	33	19	65.47	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	7002630	6796065	6269449	6689381	5.65	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:25:52	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	739682	747310	755587	747526	1.06	cps
Zinc	66-2	177	210	163	183	13.11	cps
Zirconium	90-1	192	267	242	233	16.37	cps
Zirconium	91-1	58	100	92	83	26.46	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:28:46 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1973871	1991321	2029902	1998365	1.43	cps
Antimony	121-1	3275	3592	3401	3423	4.66	cps
Arsenic	75-2	42	36	48	42	14.30	cps
Barium	135-1	892	1000	975	956	5.94	cps
Barium	137-1	1642	1650	1767	1686	4.15	cps
Beryllium	9-1	326	350	272	316	12.64	cps
Bismuth	209-1	2025522	2053579	2038562	2039221	0.69	cps
Bismuth	209-2	1173716	1159029	1169149	1167298	0.64	cps
Boron	10-1	1154	1152	1144	1150	0.46	cps
Boron	11-1	5504	5406	5338	5416	1.54	cps
Bromine	81-1	3724	3744	3855	3774	1.86	cps
Cadmium	111-1	1208	1232	1456	1299	10.51	cps
Cadmium	106-1	1550	1475	1650	1558	5.63	cps
Cadmium	108-1	604	513	571	563	8.25	cps
Calcium	43-1	767962	787230	795246	783479	1.79	cps
Calcium	44-1	12552351	13202404	13082080	12945612	2.67	cps
Chromium	52-2	18001	18162	18068	18077	0.45	cps
Cobalt	59-2	1780	1843	1880	1835	2.76	cps
Copper	63-2	10341	10371	10347	10353	0.15	cps
Dysprosium	156-1	58	8	17	28	96.44	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	42	17	75	44	65.84	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	17	7	27	17	59.99	cps
Holmium	165-1	3655164	3790738	3667351	3704417	2.02	cps
Holmium	165-2	1720917	1733555	1725149	1726540	0.37	cps
Indium	115-1	3586946	3656624	3620772	3621447	0.96	cps
Indium	115-2	568708	564395	568191	567098	0.42	cps
Iron	54-2	3642669	3668180	3716303	3675718	1.02	cps
Iron	56-2	65259829	65968453	65827040	65685107	0.57	cps
Iron	57-2	1653871	1681558	1684118	1673183	1.00	cps
Krypton	83-1	1773	1857	1743	1791	3.28	cps
Lead	206-1	6807	7213	6996	7006	2.90	cps
Lead	207-1	5485	5701	5879	5688	3.47	cps
Lead	208-1	25633	27401	27417	26817	3.82	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:28:46 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1389691	1390883	1382086	1387553	0.34	cps
Magnesium	24-2	5876622	5957445	6097049	5977039	1.87	cps
Manganese	55-2	3380	3234	3247	3287	2.47	cps
Molybdenum	94-1	1604048	1655602	1631933	1630527	1.58	cps
Molybdenum	95-1	2755091	2827984	2895768	2826281	2.49	cps
Molybdenum	96-1	2952350	3026696	3043811	3007619	1.62	cps
Molybdenum	97-1	1722969	1775486	1742798	1747085	1.52	cps
Molybdenum	98-1	4426107	4513363	4496054	4478508	1.03	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	2347	2210	2294	2284	3.02	cps
Phosphorus	31-2	134201	133208	134587	133999	0.53	cps
Potassium	39-2	4837163	4845205	4868308	4850225	0.33	cps
Rhodium	103-1	3450768	3567736	3431415	3483306	2.12	cps
Rhodium	103-2	1594953	1572091	1555916	1574320	1.25	cps
Scandium	45-1	2487893	2536597	2518705	2514398	0.98	cps
Scandium	45-2	93595	94444	96038	94693	1.31	cps
Selenium	82-1	118	-43	89	55	157.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	49	37	56	47	20.31	cps
Silicon	28-1	1382425	1394196	1391359	1389327	0.44	cps
Silver	109-1	108	117	142	122	14.19	cps
Silver	107-1	142	125	117	128	9.96	cps
Sodium	23-2	12019544	11984410	12035362	12013105	0.22	cps
Strontium	86-1	34376	36390	35479	35415	2.85	cps
Strontium	88-1	279369	286897	286561	284276	1.50	cps
Sulfur	34-1	1519053	1512986	1546350	1526129	1.16	cps
Terbium	159-1	3956603	3984641	4070421	4003888	1.48	cps
Terbium	159-2	1746405	1745260	1768533	1753399	0.75	cps
Thallium	203-1	275	342	442	353	23.78	cps
Thallium	205-1	575	750	800	708	16.68	cps
Tin	118-1	558	658	725	647	12.96	cps
Titanium	47-1	844238	875650	862591	860826	1.83	cps
Uranium	238-1	108	108	142	119	16.11	cps
Vanadium	51-2	120	87	143	117	24.41	cps
Yttrium	89-1	6961643	6975283	6941717	6959548	0.24	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:28:46	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	771264	782470	778211	777315	0.73	cps
Zinc	66-2	1917	1860	1997	1925	3.57	cps
Zirconium	90-1	300	367	342	336	10.02	cps
Zirconium	91-1	50	67	108	75	40.06	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:31:34 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2060154	2033556	1964065	2019258	2.46	cps
Antimony	121-1	64318	65851	64435	64868	1.31	cps
Arsenic	75-2	2232	2288	2311	2277	1.78	cps
Barium	135-1	14066	14099	14158	14108	0.33	cps
Barium	137-1	24456	24222	24314	24331	0.48	cps
Beryllium	9-1	14474	14494	15081	14683	2.35	cps
Bismuth	209-1	2060613	2076972	2061497	2066361	0.45	cps
Bismuth	209-2	1158444	1175348	1175593	1169795	0.84	cps
Boron	10-1	3574	3928	4000	3834	5.95	cps
Boron	11-1	17931	18766	19739	18812	4.81	cps
Bromine	81-1	4165	4205	3754	4041	6.17	cps
Cadmium	111-1	14596	15275	15362	15078	2.78	cps
Cadmium	106-1	3200	3626	3384	3403	6.27	cps
Cadmium	108-1	1608	1642	1496	1582	4.83	cps
Calcium	43-1	778398	783683	791574	784552	0.85	cps
Calcium	44-1	12996032	12961924	13063602	13007186	0.40	cps
Chromium	52-2	35126	35969	35608	35568	1.19	cps
Cobalt	59-2	33048	32534	32497	32693	0.94	cps
Copper	63-2	33459	33683	33707	33616	0.41	cps
Dysprosium	156-1	17	8	67	31	103.26	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	58	17	17	31	78.72	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	3815508	3862336	3778280	3818708	1.10	cps
Holmium	165-2	1701105	1739761	1759635	1733500	1.72	cps
Indium	115-1	3728529	3790158	3739600	3752762	0.88	cps
Indium	115-2	570383	575727	577779	574630	0.66	cps
Iron	54-2	3671431	3663360	3684675	3673155	0.29	cps
Iron	56-2	66446329	66068295	67283165	66599263	0.93	cps
Iron	57-2	1683676	1667529	1705782	1685662	1.14	cps
Krypton	83-1	1840	1817	1893	1850	2.12	cps
Lead	206-1	36084	36061	37772	36639	2.68	cps
Lead	207-1	29656	30698	31171	30508	2.54	cps
Lead	208-1	139058	141596	144384	141679	1.88	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:31:34	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1463071	1478571	1434643	1458762	1.53	cps
Magnesium	24-2	5886634	5927221	5910149	5908001	0.34	cps
Manganese	55-2	11535	11408	11231	11391	1.34	cps
Molybdenum	94-1	1744560	1742291	1757765	1748205	0.48	cps
Molybdenum	95-1	2856030	2890146	2903376	2883184	0.85	cps
Molybdenum	96-1	3063322	3098936	3079522	3080593	0.58	cps
Molybdenum	97-1	1770858	1785198	1807589	1787882	1.04	cps
Molybdenum	98-1	4542572	4579456	4554440	4558823	0.41	cps
Neodymium	150-1	7	20	33	20	66.65	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	10884	10441	10230	10518	3.17	cps
Phosphorus	31-2	135536	135815	134815	135389	0.38	cps
Potassium	39-2	4910997	4857817	4876208	4881674	0.55	cps
Rhodium	103-1	3548315	3689297	3583378	3606997	2.03	cps
Rhodium	103-2	1549710	1605876	1589414	1581666	1.83	cps
Scandium	45-1	2610276	2647878	2649978	2636044	0.85	cps
Scandium	45-2	97159	97068	95773	96666	0.80	cps
Selenium	82-1	892	1024	860	925	9.41	cps
Selenium	77-2	23	33	27	28	18.33	cps
Selenium	78-2	165	146	131	147	11.57	cps
Silicon	28-1	1453456	1450779	1455955	1453397	0.18	cps
Silver	109-1	62258	61906	64167	62777	1.94	cps
Silver	107-1	66009	67088	66904	66667	0.87	cps
Sodium	23-2	12120974	11936814	12115316	12057701	0.87	cps
Strontium	86-1	85671	87238	85294	86068	1.20	cps
Strontium	88-1	716167	736618	731099	727961	1.45	cps
Sulfur	34-1	1522120	1528510	1520626	1523752	0.27	cps
Terbium	159-1	4065045	4117700	4137484	4106743	0.91	cps
Terbium	159-2	1755575	1761559	1760813	1759316	0.19	cps
Thallium	203-1	36486	37872	36861	37073	1.93	cps
Thallium	205-1	87796	85632	87066	86832	1.27	cps
Tin	118-1	105941	111226	109032	108733	2.44	cps
Titanium	47-1	881162	897172	894978	891104	0.97	cps
Uranium	238-1	253496	255710	255466	254891	0.48	cps
Vanadium	51-2	14651	14985	14447	14694	1.85	cps
Yttrium	89-1	7156016	7372207	7182228	7236817	1.63	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:31:34	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	786504	780089	784165	783586	0.41	cps
Zinc	66-2	5044	4794	5071	4970	3.07	cps
Zirconium	90-1	254799	259109	264995	259634	1.97	cps
Zirconium	91-1	56331	59034	59611	58325	3.00	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:34:24	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1086467	1093087	1096449	1092001	0.47	cps
Antimony	121-1	1614412	1653363	1732780	1666851	3.62	cps
Arsenic	75-2	61866	61159	60811	61279	0.88	cps
Barium	135-1	1696045	1738122	1735666	1723278	1.37	cps
Barium	137-1	2934172	2975365	3044410	2984649	1.87	cps
Beryllium	9-1	389038	395014	402495	395515	1.70	cps
Bismuth	209-1	2012748	1950672	2010823	1991414	1.77	cps
Bismuth	209-2	1149962	1157873	1181667	1163167	1.42	cps
Boron	10-1	26877	30662	32772	30104	9.92	cps
Boron	11-1	133965	152632	162040	149546	9.56	cps
Bromine	81-1	3855	3604	3724	3728	3.36	cps
Cadmium	111-1	365965	376260	380522	374249	2.00	cps
Cadmium	106-1	40594	41036	41965	41198	1.70	cps
Cadmium	108-1	27143	27732	27883	27586	1.42	cps
Calcium	43-1	2082975	2133727	2162185	2126296	1.89	cps
Calcium	44-1	34429262	35292533	35967519	35229772	2.19	cps
Chromium	52-2	487296	489987	487543	488275	0.30	cps
Cobalt	59-2	834602	840052	834637	836430	0.37	cps
Copper	63-2	5806132	5817826	5743473	5789144	0.69	cps
Dysprosium	156-1	242	225	308	258	17.07	cps
Dysprosium	156-2	170	177	157	168	6.07	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	37	30	33	33	10.01	cps
Gadolinium	160-1	333	333	267	311	12.37	cps
Gadolinium	160-2	170	163	183	172	5.91	cps
Holmium	165-1	3745492	3617324	3681552	3681456	1.74	cps
Holmium	165-2	1758243	1739148	1781773	1759721	1.21	cps
Indium	115-1	3748420	3578682	3618438	3648513	2.43	cps
Indium	115-2	562872	565146	573720	567246	1.01	cps
Iron	54-2	4943290	4916434	4942970	4934231	0.31	cps
Iron	56-2	88781416	88396108	87395958	88191160	0.81	cps
Iron	57-2	2275617	2285361	2249722	2270234	0.81	cps
Krypton	83-1	1750	1787	1843	1793	2.62	cps
Lead	206-1	4096682	4192940	4301834	4197152	2.45	cps
Lead	207-1	3595018	3790550	3841178	3742248	3.47	cps
Lead	208-1	16245561	16858759	17203916	16769412	2.89	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:34:24	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1442027	1436090	1414520	1430879	1.01	cps
Magnesium	24-2	16254867	16401671	16643848	16433462	1.20	cps
Manganese	55-2	2358733	2303519	2314234	2325496	1.26	cps
Molybdenum	94-1	3268661	3312669	3364912	3315414	1.45	cps
Molybdenum	95-1	3943366	4052217	4066856	4020813	1.68	cps
Molybdenum	96-1	4295584	4464300	4488696	4416193	2.38	cps
Molybdenum	97-1	2440202	2517190	2544873	2500755	2.17	cps
Molybdenum	98-1	6284165	6394283	6568615	6415688	2.24	cps
Neodymium	150-1	120	93	60	91	32.99	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	219268	224145	218445	220620	1.40	cps
Phosphorus	31-2	15192	15434	16034	15553	2.79	cps
Potassium	39-2	6641460	6703523	6664477	6669820	0.47	cps
Rhodium	103-1	3540740	3455547	3502795	3499694	1.22	cps
Rhodium	103-2	1543559	1547255	1560604	1550473	0.58	cps
Scandium	45-1	2569593	2516353	2621139	2569029	2.04	cps
Scandium	45-2	95532	96840	98169	96847	1.36	cps
Selenium	82-1	26614	26877	27179	26890	1.05	cps
Selenium	77-2	837	803	877	839	4.38	cps
Selenium	78-2	2847	2785	2729	2787	2.12	cps
Silicon	28-1	2222191	2218145	2235737	2225357	0.41	cps
Silver	109-1	1733521	1805900	1811020	1783481	2.43	cps
Silver	107-1	1867061	1891640	1895674	1884791	0.82	cps
Sodium	23-2	32383049	33117293	32822758	32774367	1.13	cps
Strontium	86-1	542457	551801	561866	552042	1.76	cps
Strontium	88-1	4594431	4622868	4654295	4623865	0.65	cps
Sulfur	34-1	676470	682753	685227	681483	0.66	cps
Terbium	159-1	4105591	3842133	4062529	4003418	3.53	cps
Terbium	159-2	1743839	1752849	1770153	1755614	0.76	cps
Thallium	203-1	957386	998390	997536	984438	2.38	cps
Thallium	205-1	2213837	2300646	2333873	2282785	2.72	cps
Tin	118-1	1189667	1208752	1225116	1207845	1.47	cps
Titanium	47-1	1191305	1206696	1212241	1203414	0.90	cps
Uranium	238-1	2707646	2838888	2802331	2782955	2.43	cps
Vanadium	51-2	403748	413298	406918	407988	1.19	cps
Yttrium	89-1	7376321	6991261	7197366	7188316	2.68	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:34:24	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	790757	784534	790421	788571	0.44	cps
Zinc	66-2	796854	805629	792666	798383	0.83	cps
Zirconium	90-1	2782269	2819305	2891390	2830988	1.96	cps
Zirconium	91-1	627581	638015	645241	636946	1.39	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:40:53 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	367	391	375	3.65	cps
Antimony	121-1	142	192	217	183	20.83	cps
Arsenic	75-2	3	3	12	6	86.60	cps
Barium	135-1	25	58	67	50	44.10	cps
Barium	137-1	83	125	100	103	20.41	cps
Beryllium	9-1	170	176	186	177	4.56	cps
Bismuth	209-1	2031534	2027803	2042530	2033956	0.38	cps
Bismuth	209-2	1170763	1171790	1159218	1167257	0.60	cps
Boron	10-1	1560	1356	1352	1422	8.36	cps
Boron	11-1	6834	6510	6278	6541	4.27	cps
Bromine	81-1	3995	3634	3504	3711	6.85	cps
Cadmium	111-1	1073	1216	1307	1199	9.85	cps
Cadmium	106-1	1533	1725	1817	1692	8.55	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	267	300	305	291	7.00	cps
Calcium	44-1	16844	16791	17999	17211	3.97	cps
Chromium	52-2	467	453	517	479	6.97	cps
Cobalt	59-2	103	87	133	108	21.94	cps
Copper	63-2	1200	1117	1117	1145	4.20	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	3652791	3575081	3574362	3600744	1.25	cps
Holmium	165-2	1719259	1687662	1698161	1701694	0.95	cps
Indium	115-1	3655946	3663997	3628503	3649482	0.51	cps
Indium	115-2	566420	566538	561295	564751	0.53	cps
Iron	54-2	456	478	339	424	17.59	cps
Iron	56-2	4784	4756	4684	4742	1.09	cps
Iron	57-2	183	122	128	144	23.40	cps
Krypton	83-1	1793	1850	1900	1848	2.89	cps
Lead	206-1	339	267	489	365	31.07	cps
Lead	207-1	356	283	417	352	18.97	cps
Lead	208-1	1439	1194	2134	1589	30.66	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:40:53 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1397694	1437708	1402869	1412757	1.54	cps
Magnesium	24-2	1108	967	1033	1036	6.84	cps
Manganese	55-2	157	173	190	173	9.61	cps
Molybdenum	94-1	208	92	292	197	50.94	cps
Molybdenum	95-1	83	92	275	150	72.22	cps
Molybdenum	96-1	133	225	325	228	42.09	cps
Molybdenum	97-1	108	25	267	133	92.07	cps
Molybdenum	98-1	175	83	358	206	68.12	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	120	130	130	127	4.56	cps
Phosphorus	31-2	250	242	308	267	13.62	cps
Potassium	39-2	29506	28362	29055	28974	1.99	cps
Rhodium	103-1	3484272	3598715	3541180	3541389	1.62	cps
Rhodium	103-2	1572401	1568465	1576299	1572388	0.25	cps
Scandium	45-1	2470085	2473221	2509830	2484379	0.89	cps
Scandium	45-2	94428	95102	92764	94098	1.28	cps
Selenium	82-1	125	-55	-49	7	1475.41	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	44	35	53	44	20.46	cps
Silicon	28-1	1282842	1293157	1301962	1292654	0.74	cps
Silver	109-1	92	92	42	75	38.49	cps
Silver	107-1	108	83	75	89	19.52	cps
Sodium	23-2	37607	36003	36379	36663	2.29	cps
Strontium	86-1	3117	2992	2992	3034	2.38	cps
Strontium	88-1	192	175	517	294	65.43	cps
Sulfur	34-1	537426	541396	542364	540395	0.48	cps
Terbium	159-1	3893286	3982252	3900545	3925361	1.26	cps
Terbium	159-2	1726586	1701630	1720608	1716275	0.76	cps
Thallium	203-1	208	233	342	261	27.14	cps
Thallium	205-1	525	758	692	658	18.26	cps
Tin	118-1	133	133	183	150	19.24	cps
Titanium	47-1	292	400	425	372	19.04	cps
Uranium	238-1	33	33	183	83	103.93	cps
Vanadium	51-2	23	17	13	18	28.64	cps
Yttrium	89-1	6902211	6966711	6916591	6928504	0.49	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:40:53	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	774082	766464	761754	767433	0.81	cps
Zinc	66-2	250	227	207	228	9.52	cps
Zirconium	90-1	292	242	333	289	15.89	cps
Zirconium	91-1	50	142	58	83	60.83	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:43:44	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	786	757	825	790	4.29	cps
Antimony	121-1	6001	6235	6018	6085	2.14	cps
Arsenic	75-2	116	112	118	115	2.65	cps
Barium	135-1	6210	6585	6285	6360	3.12	cps
Barium	137-1	10196	10488	10796	10493	2.86	cps
Beryllium	9-1	760	900	848	836	8.47	cps
Bismuth	209-1	2061963	2026768	2078767	2055833	1.29	cps
Bismuth	209-2	1206975	1228380	1215578	1216977	0.89	cps
Boron	10-1	1928	2122	2156	2068	5.95	cps
Boron	11-1	9621	10296	11210	10376	7.69	cps
Bromine	81-1	3594	3644	3504	3581	1.98	cps
Cadmium	111-1	1982	1963	1930	1958	1.35	cps
Cadmium	106-1	1742	1675	1642	1686	3.02	cps
Cadmium	108-1	83	79	88	83	5.00	cps
Calcium	43-1	4124	4138	3965	4075	2.35	cps
Calcium	44-1	80126	80034	82435	80865	1.68	cps
Chromium	52-2	2317	2274	2237	2276	1.76	cps
Cobalt	59-2	1570	1667	1597	1611	3.10	cps
Copper	63-2	3477	3567	3701	3582	3.14	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	3702368	3575207	3593021	3623532	1.90	cps
Holmium	165-2	1763027	1786636	1769612	1773092	0.69	cps
Indium	115-1	3688324	3582650	3597978	3622984	1.58	cps
Indium	115-2	581685	588772	582689	584382	0.66	cps
Iron	54-2	2256	2428	2245	2309	4.45	cps
Iron	56-2	38124	38335	38992	38484	1.18	cps
Iron	57-2	1050	961	967	993	5.02	cps
Krypton	83-1	1887	1810	1873	1857	2.21	cps
Lead	206-1	1695	1828	1661	1728	5.10	cps
Lead	207-1	1472	1600	1450	1508	5.37	cps
Lead	208-1	6862	7223	6679	6921	4.00	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:43:44	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1410932	1381344	1414237	1402171	1.29	cps
Magnesium	24-2	30566	32295	32278	31713	3.13	cps
Manganese	55-2	550	563	610	574	5.48	cps
Molybdenum	94-1	6018	5334	6410	5921	9.19	cps
Molybdenum	95-1	7227	7110	7594	7310	3.45	cps
Molybdenum	96-1	7986	8061	8161	8069	1.09	cps
Molybdenum	97-1	4317	4351	4284	4317	0.77	cps
Molybdenum	98-1	11171	11088	11555	11272	2.21	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	603	693	560	619	10.99	cps
Phosphorus	31-2	233	275	258	256	8.21	cps
Potassium	39-2	53048	54102	55273	54141	2.06	cps
Rhodium	103-1	3573125	3452395	3539740	3521753	1.77	cps
Rhodium	103-2	1644134	1670275	1657086	1657165	0.79	cps
Scandium	45-1	2543036	2446314	2492722	2494024	1.94	cps
Scandium	45-2	97528	96897	96763	97063	0.42	cps
Selenium	82-1	143	176	128	149	16.66	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	88	77	56	74	22.07	cps
Silicon	28-1	1315598	1334578	1316212	1322129	0.82	cps
Silver	109-1	2934	3084	3359	3125	6.90	cps
Silver	107-1	3167	3567	3509	3414	6.33	cps
Sodium	23-2	96409	96283	93960	95550	1.44	cps
Strontium	86-1	3359	3801	3892	3684	7.74	cps
Strontium	88-1	7894	8561	7978	8144	4.46	cps
Sulfur	34-1	547437	543753	544659	545283	0.35	cps
Terbium	159-1	4018073	3881394	3889377	3929615	1.95	cps
Terbium	159-2	1796632	1802779	1755030	1784814	1.46	cps
Thallium	203-1	1650	2025	1975	1884	10.81	cps
Thallium	205-1	4501	4726	4659	4629	2.50	cps
Tin	118-1	10871	10863	11080	10938	1.12	cps
Titanium	47-1	2192	2375	2542	2370	7.39	cps
Uranium	238-1	5034	4776	5026	4946	2.97	cps
Vanadium	51-2	3741	3737	3574	3684	2.59	cps
Yttrium	89-1	6957447	6911474	6927994	6932305	0.34	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:43:44	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	786415	796670	790642	791242	0.65	cps
Zinc	66-2	500	420	430	450	9.69	cps
Zirconium	90-1	4951	5209	4876	5012	3.49	cps
Zirconium	91-1	1183	875	1217	1092	17.26	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : PB133717BL Instrumnet Name : P8
 Client Sample ID : PB133717BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:48:01 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351	331	380	354	6.92	cps
Antimony	121-1	42	67	117	75	50.92	cps
Arsenic	75-2	9	5	10	8	33.07	cps
Barium	135-1	25	8	33	22	57.29	cps
Barium	137-1	42	67	17	42	60.00	cps
Beryllium	9-1	130	136	122	129	5.43	cps
Bismuth	209-1	2085235	2058709	2034293	2059412	1.24	cps
Bismuth	209-2	1182367	1163453	1156354	1167391	1.15	cps
Boron	10-1	770	796	758	775	2.51	cps
Boron	11-1	3918	3666	3686	3756	3.73	cps
Bromine	81-1	3564	3524	3524	3537	0.65	cps
Cadmium	111-1	1010	1047	1143	1067	6.44	cps
Cadmium	106-1	1425	1492	1625	1514	6.73	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	219	261	255	245	9.36	cps
Calcium	44-1	16177	16077	16260	16171	0.57	cps
Chromium	52-2	503	517	557	526	5.28	cps
Cobalt	59-2	97	77	63	79	21.27	cps
Copper	63-2	757	890	933	860	10.71	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	50	50	17	39	49.48	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	3700103	3647380	3666039	3671174	0.73	cps
Holmium	165-2	1734610	1712322	1638424	1695118	2.97	cps
Indium	115-1	3651088	3590100	3693009	3644732	1.42	cps
Indium	115-2	561644	569380	559985	563670	0.89	cps
Iron	54-2	478	506	467	483	4.14	cps
Iron	56-2	4117	4140	3867	4041	3.74	cps
Iron	57-2	117	139	133	130	8.92	cps
Krypton	83-1	1813	1740	1920	1825	4.96	cps
Lead	206-1	344	300	267	304	12.85	cps
Lead	207-1	228	300	317	281	16.79	cps
Lead	208-1	1111	1256	1217	1194	6.26	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BL	Instrumnet Name :	P8
Client Sample ID :	PB133717BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:48:01	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1407140	1422803	1419658	1416534	0.58	cps
Magnesium	24-2	1158	942	867	989	15.32	cps
Manganese	55-2	160	177	137	158	12.73	cps
Molybdenum	94-1	108	75	75	86	22.35	cps
Molybdenum	95-1	33	25	42	33	25.01	cps
Molybdenum	96-1	50	67	58	58	14.29	cps
Molybdenum	97-1	8	25	50	28	75.51	cps
Molybdenum	98-1	33	50	67	50	33.34	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	137	103	124	14.76	cps
Phosphorus	31-2	250	192	183	208	17.44	cps
Potassium	39-2	29297	28779	28997	29024	0.90	cps
Rhodium	103-1	3576972	3595445	3570634	3581017	0.36	cps
Rhodium	103-2	1579122	1634885	1574050	1596019	2.11	cps
Scandium	45-1	2521197	2546606	2534119	2533974	0.50	cps
Scandium	45-2	94451	93642	93756	93950	0.47	cps
Selenium	82-1	20	59	-124	-15	-641.41	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	47	53	50	50	6.01	cps
Silicon	28-1	1306445	1308012	1300495	1304984	0.30	cps
Silver	109-1	125	50	67	81	48.89	cps
Silver	107-1	142	117	100	119	17.56	cps
Sodium	23-2	33038	32428	33113	32860	1.14	cps
Strontium	86-1	2650	2925	2925	2834	5.60	cps
Strontium	88-1	175	225	150	183	20.83	cps
Sulfur	34-1	543066	543768	546846	544560	0.37	cps
Terbium	159-1	3987374	3934176	4008118	3976556	0.96	cps
Terbium	159-2	1709440	1708272	1713762	1710491	0.17	cps
Thallium	203-1	192	300	192	228	27.46	cps
Thallium	205-1	492	400	375	422	14.55	cps
Tin	118-1	183	208	142	178	18.94	cps
Titanium	47-1	308	333	400	347	13.65	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-2	13	13	10	12	15.73	cps
Yttrium	89-1	7163750	7028562	7034881	7075731	1.08	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BL	Instrumnet Name :	P8
Client Sample ID :	PB133717BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:48:01	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	757148	767150	756959	760419	0.77	cps
Zinc	66-2	157	167	147	157	6.38	cps
Zirconium	90-1	225	317	242	261	18.70	cps
Zirconium	91-1	67	67	75	69	6.93	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BS	Instrumnet Name :	P8
Client Sample ID :	PB133717BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:50:51	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220043	223129	222250	221807	0.72	cps
Antimony	121-1	1564137	1572901	1602830	1579956	1.28	cps
Arsenic	75-2	58914	59226	59490	59210	0.49	cps
Barium	135-1	1624669	1621907	1676937	1641171	1.89	cps
Barium	137-1	2801942	2838194	2821250	2820462	0.64	cps
Beryllium	9-1	371602	374735	377063	374467	0.73	cps
Bismuth	209-1	2078612	2059913	2088800	2075775	0.71	cps
Bismuth	209-2	1205142	1242518	1253607	1233755	2.06	cps
Boron	10-1	22907	26262	28754	25975	11.30	cps
Boron	11-1	111801	129261	140994	127352	11.53	cps
Bromine	81-1	3254	3464	3744	3487	7.06	cps
Cadmium	111-1	355017	355796	360714	357176	0.86	cps
Cadmium	106-1	37836	39206	39699	38914	2.48	cps
Cadmium	108-1	25632	26709	26233	26192	2.06	cps
Calcium	43-1	405981	412477	417060	411839	1.35	cps
Calcium	44-1	6822110	6944524	6963606	6910080	1.11	cps
Chromium	52-2	471176	474605	472294	472692	0.37	cps
Cobalt	59-2	818558	823335	811502	817798	0.73	cps
Copper	63-2	5706133	5907525	5847467	5820375	1.78	cps
Dysprosium	156-1	42	42	83	56	43.30	cps
Dysprosium	156-2	17	20	13	17	20.01	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	117	92	50	86	39.11	cps
Gadolinium	160-2	17	23	30	23	28.56	cps
Holmium	165-1	3753186	3716407	3630716	3700103	1.70	cps
Holmium	165-2	1816723	1805088	1797362	1806391	0.54	cps
Indium	115-1	3635651	3632695	3554047	3607465	1.28	cps
Indium	115-2	578632	588048	590296	585659	1.06	cps
Iron	54-2	992324	1006298	993580	997401	0.78	cps
Iron	56-2	17654341	17946017	17785857	17795405	0.82	cps
Iron	57-2	442490	452433	447207	447376	1.11	cps
Krypton	83-1	1867	1753	1940	1853	5.07	cps
Lead	206-1	3963679	4070168	3997309	4010385	1.36	cps
Lead	207-1	3581350	3639986	3568983	3596773	1.05	cps
Lead	208-1	15972090	16212790	16115648	16100176	0.75	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BS	Instrumnet Name :	P8
Client Sample ID :	PB133717BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:50:51	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1431359	1389230	1410578	1410389	1.49	cps
Magnesium	24-2	3267715	3362949	3383048	3337904	1.85	cps
Manganese	55-2	2242561	2291261	2284668	2272830	1.16	cps
Molybdenum	94-1	3062609	3109426	3109363	3093800	0.87	cps
Molybdenum	95-1	3699541	3784191	3748249	3743993	1.13	cps
Molybdenum	96-1	4145784	4137523	4138021	4140443	0.11	cps
Molybdenum	97-1	2273906	2329193	2368958	2324019	2.05	cps
Molybdenum	98-1	5906388	6050054	5922045	5959496	1.32	cps
Neodymium	150-1	67	120	80	89	31.22	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	216138	216981	217847	216989	0.39	cps
Phosphorus	31-2	14591	15342	14349	14761	3.51	cps
Potassium	39-2	1356324	1379586	1369578	1368496	0.85	cps
Rhodium	103-1	3519149	3655878	3507371	3560799	2.32	cps
Rhodium	103-2	1655617	1644443	1664282	1654781	0.60	cps
Scandium	45-1	2557722	2549476	2563769	2556989	0.28	cps
Scandium	45-2	98937	99085	99810	99277	0.47	cps
Selenium	82-1	24842	25280	25204	25109	0.93	cps
Selenium	77-2	763	840	800	801	4.79	cps
Selenium	78-2	2697	2830	2828	2785	2.74	cps
Silicon	28-1	2163654	2181464	2174651	2173256	0.41	cps
Silver	109-1	1686821	1702487	1698606	1695971	0.48	cps
Silver	107-1	1799312	1835379	1835044	1823245	1.14	cps
Sodium	23-2	6360899	6461373	6426735	6416336	0.80	cps
Strontium	86-1	509619	513174	511042	511278	0.35	cps
Strontium	88-1	4296683	4298939	4297566	4297729	0.03	cps
Sulfur	34-1	683709	685933	690864	686835	0.53	cps
Terbium	159-1	3943064	3967807	3992370	3967747	0.62	cps
Terbium	159-2	1761321	1821473	1807557	1796783	1.75	cps
Thallium	203-1	940936	952351	936142	943143	0.88	cps
Thallium	205-1	2216524	2220130	2230651	2222435	0.33	cps
Tin	118-1	1127907	1132923	1141431	1134087	0.60	cps
Titanium	47-1	1121596	1134141	1135045	1130261	0.67	cps
Uranium	238-1	2658723	2635805	2690584	2661704	1.03	cps
Vanadium	51-2	389741	397176	396267	394395	1.03	cps
Yttrium	89-1	7124227	7157530	7002746	7094834	1.15	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133717BS	Instrumnet Name :	P8
Client Sample ID :	PB133717BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:50:51	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	796259	801298	818423	805326	1.44	cps
Zinc	66-2	784871	799627	800398	794965	1.10	cps
Zirconium	90-1	2563318	2630263	2626826	2606803	1.45	cps
Zirconium	91-1	584368	592802	592041	589737	0.79	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-02	Instrumnet Name :	P8
Client Sample ID :	49-IW5676-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:53:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22847	23069	23157	23024	0.69	cps
Antimony	121-1	1625	1492	1542	1553	4.34	cps
Arsenic	75-2	3710	3726	3777	3738	0.94	cps
Barium	135-1	11455	11047	11997	11500	4.15	cps
Barium	137-1	19406	19690	19223	19439	1.21	cps
Beryllium	9-1	322	270	270	287	10.45	cps
Bismuth	209-1	2093628	1816159	2170950	2026912	9.20	cps
Bismuth	209-2	1258324	1267035	1267851	1264404	0.42	cps
Boron	10-1	4682	4404	3972	4352	8.22	cps
Boron	11-1	22917	21197	19413	21176	8.27	cps
Bromine	81-1	7570	8772	9032	8458	9.22	cps
Cadmium	111-1	1261	1147	1239	1215	4.97	cps
Cadmium	106-1	1525	1358	1600	1495	8.28	cps
Cadmium	108-1	46	0	21	22	103.27	cps
Calcium	43-1	130568	131755	133175	131833	0.99	cps
Calcium	44-1	2209118	2221409	2319705	2250077	2.69	cps
Chromium	52-2	6705	6518	6445	6556	2.05	cps
Cobalt	59-2	4121	4174	4024	4106	1.85	cps
Copper	63-2	16279	16016	15482	15926	2.55	cps
Dysprosium	156-1	358	342	433	378	12.93	cps
Dysprosium	156-2	180	127	183	163	19.47	cps
Erbium	164-1	325	350	242	306	18.56	cps
Erbium	164-2	97	117	177	130	32.02	cps
Gadolinium	160-1	408	350	483	414	16.15	cps
Gadolinium	160-2	193	220	203	206	6.55	cps
Holmium	165-1	3817270	3391996	3772097	3660454	6.38	cps
Holmium	165-2	1806465	1879942	1834178	1840195	2.02	cps
Indium	115-1	3807512	3333195	3774645	3638451	7.28	cps
Indium	115-2	598432	605333	608994	604253	0.89	cps
Iron	54-2	365346	368065	369627	367679	0.59	cps
Iron	56-2	6663140	6539849	6734434	6645808	1.48	cps
Iron	57-2	167550	168280	170095	168642	0.78	cps
Krypton	83-1	1910	1807	1783	1833	3.68	cps
Lead	206-1	4295	3951	4073	4106	4.25	cps
Lead	207-1	3267	3351	3062	3226	4.61	cps
Lead	208-1	15949	15159	15220	15443	2.84	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-02	Instrumnet Name :	P8
Client Sample ID :	49-IW5676-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:53:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1459724	1325627	1447905	1411085	5.26	cps
Magnesium	24-2	147702	150823	152534	150353	1.63	cps
Manganese	55-2	204498	203879	202589	203655	0.48	cps
Molybdenum	94-1	2159	2175	1708	2014	13.15	cps
Molybdenum	95-1	1342	908	925	1058	23.20	cps
Molybdenum	96-1	1333	1292	1275	1300	2.31	cps
Molybdenum	97-1	650	533	450	544	18.45	cps
Molybdenum	98-1	1708	1467	1350	1508	12.12	cps
Neodymium	150-1	613	607	660	627	4.64	cps
Neodymium	150-2	170	187	283	213	28.68	cps
Nickel	60-2	2610	2600	2524	2578	1.84	cps
Phosphorus	31-2	517	533	450	500	8.82	cps
Potassium	39-2	145790	146380	150175	147448	1.61	cps
Rhodium	103-1	3676180	3214713	3710600	3533831	7.84	cps
Rhodium	103-2	1698338	1697450	1746074	1713954	1.62	cps
Scandium	45-1	2649208	2317800	2673203	2546737	7.80	cps
Scandium	45-2	99619	100277	102217	100704	1.34	cps
Selenium	82-1	-58	60	3	2	3618.25	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	47	51	58	52	10.71	cps
Silicon	28-1	11684670	11909595	12073961	11889409	1.64	cps
Silver	109-1	408	267	183	286	39.76	cps
Silver	107-1	558	317	308	394	36.00	cps
Sodium	23-2	5389014	5437851	5513705	5446857	1.15	cps
Strontium	86-1	84087	84631	84044	84254	0.39	cps
Strontium	88-1	689478	706555	694329	696787	1.26	cps
Sulfur	34-1	550776	546795	549949	549174	0.38	cps
Terbium	159-1	4113121	3655731	4167695	3978849	7.07	cps
Terbium	159-2	1829761	1878361	1897700	1868607	1.87	cps
Thallium	203-1	708	742	508	653	19.33	cps
Thallium	205-1	1800	1825	1358	1661	15.80	cps
Tin	118-1	933	1075	900	970	9.58	cps
Titanium	47-1	15033	15342	14858	15078	1.62	cps
Uranium	238-1	1358	1358	1300	1339	2.52	cps
Vanadium	51-2	2300	2517	2220	2346	6.54	cps
Yttrium	89-1	7347822	6406841	7252191	7002285	7.40	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-02	Instrumnet Name :	P8
Client Sample ID :	49-IW5676-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:53:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	820803	823332	826904	823679	0.37	cps
Zinc	66-2	8209	8416	8529	8385	1.94	cps
Zirconium	90-1	3901	3626	3876	3801	4.00	cps
Zirconium	91-1	1008	1025	792	942	13.82	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:56:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5533	5655	5278	5489	3.51	cps
Antimony	121-1	1517	1875	2167	1853	17.57	cps
Arsenic	75-2	937	845	875	886	5.30	cps
Barium	135-1	68758	68859	71103	69573	1.91	cps
Barium	137-1	115750	120450	120040	118747	2.19	cps
Beryllium	9-1	206	180	194	193	6.73	cps
Bismuth	209-1	1998497	1919153	1979128	1965593	2.10	cps
Bismuth	209-2	1154520	1063641	1123645	1113935	4.15	cps
Boron	10-1	2876	2724	2794	2798	2.72	cps
Boron	11-1	13872	13297	12801	13323	4.02	cps
Bromine	81-1	117048	146981	172622	145550	19.11	cps
Cadmium	111-1	1218	1438	1277	1311	8.70	cps
Cadmium	106-1	1500	1650	1375	1508	9.13	cps
Cadmium	108-1	88	42	63	64	35.92	cps
Calcium	43-1	407706	416980	417523	414069	1.33	cps
Calcium	44-1	6843646	6956254	7034445	6944781	1.38	cps
Chromium	52-2	2124	1927	2057	2036	4.91	cps
Cobalt	59-2	3510	3497	3274	3427	3.88	cps
Copper	63-2	4567	4774	4737	4693	2.35	cps
Dysprosium	156-1	167	58	117	114	47.60	cps
Dysprosium	156-2	47	40	47	44	8.66	cps
Erbium	164-1	92	133	75	100	30.05	cps
Erbium	164-2	77	37	53	56	36.17	cps
Gadolinium	160-1	175	100	100	125	34.64	cps
Gadolinium	160-2	67	50	57	58	14.52	cps
Holmium	165-1	3784752	3644630	3640405	3689929	2.23	cps
Holmium	165-2	1725105	1595840	1703952	1674966	4.14	cps
Indium	115-1	3500487	3545330	3714219	3586679	3.14	cps
Indium	115-2	607952	581395	617052	602133	3.08	cps
Iron	54-2	214978	217706	210196	214293	1.77	cps
Iron	56-2	3956627	3998180	3755477	3903428	3.33	cps
Iron	57-2	98677	97693	94226	96865	2.41	cps
Krypton	83-1	1747	1813	1757	1772	2.03	cps
Lead	206-1	978	1056	1072	1035	4.87	cps
Lead	207-1	822	950	744	839	12.37	cps
Lead	208-1	3956	4134	4011	4034	2.25	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:56:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1415095	1466422	1517426	1466315	3.49	cps
Magnesium	24-2	332737	330038	323296	328691	1.48	cps
Manganese	55-2	178472	180058	170103	176211	3.04	cps
Molybdenum	94-1	1050	1208	1033	1097	8.80	cps
Molybdenum	95-1	942	983	658	861	20.54	cps
Molybdenum	96-1	1083	1150	925	1053	10.98	cps
Molybdenum	97-1	617	508	442	522	16.91	cps
Molybdenum	98-1	1467	1417	1250	1378	8.24	cps
Neodymium	150-1	180	207	153	180	14.81	cps
Neodymium	150-2	67	43	40	50	29.06	cps
Nickel	60-2	1990	1987	1787	1921	6.06	cps
Phosphorus	31-2	225	358	317	300	22.74	cps
Potassium	39-2	267182	267455	258865	264500	1.85	cps
Rhodium	103-1	3409960	3399639	3374523	3394707	0.54	cps
Rhodium	103-2	1528619	1424883	1506525	1486676	3.68	cps
Scandium	45-1	2546494	2515625	2560340	2540820	0.90	cps
Scandium	45-2	96434	90731	95441	94202	3.23	cps
Selenium	82-1	88	21	121	77	66.29	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	43	42	41	42	2.38	cps
Silicon	28-1	3729037	3782467	3789250	3766918	0.88	cps
Silver	109-1	450	567	650	556	18.08	cps
Silver	107-1	483	625	842	650	27.77	cps
Sodium	23-2	328756099	331933141	318684899	326458046	2.12	cps
Strontium	86-1	411304	424523	429883	421903	2.27	cps
Strontium	88-1	3437383	3541159	3595531	3524691	2.28	cps
Sulfur	34-1	752106	760916	758649	757223	0.60	cps
Terbium	159-1	4037079	3895549	3906663	3946430	1.99	cps
Terbium	159-2	1757830	1622281	1695884	1691998	4.01	cps
Thallium	203-1	508	525	492	508	3.28	cps
Thallium	205-1	1483	1383	1208	1358	10.25	cps
Tin	118-1	392	525	667	528	26.06	cps
Titanium	47-1	3726	3609	3692	3676	1.63	cps
Uranium	238-1	308	300	275	294	5.89	cps
Vanadium	51-2	437	457	557	483	13.30	cps
Yttrium	89-1	7008784	7019084	7049887	7025918	0.30	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:56:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	782554	736293	772147	763665	3.18	cps
Zinc	66-2	12642	12466	12055	12388	2.43	cps
Zirconium	90-1	1517	1650	1500	1556	5.29	cps
Zirconium	91-1	558	325	392	425	28.28	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-03DUP Instrumnet Name : P8
 Client Sample ID : 49-IW5677-121220DUP Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 15:59:21 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5753	5782	5543	5693	2.29	cps
Antimony	121-1	1350	1500	2100	1650	24.05	cps
Arsenic	75-2	944	955	891	930	3.68	cps
Barium	135-1	69411	70417	70090	69973	0.73	cps
Barium	137-1	119038	118482	117777	118432	0.53	cps
Beryllium	9-1	184	138	120	147	22.40	cps
Bismuth	209-1	1930559	1998058	2029791	1986136	2.55	cps
Bismuth	209-2	1220638	1226272	1230429	1225780	0.40	cps
Boron	10-1	1838	1944	1910	1897	2.85	cps
Boron	11-1	9399	9367	9827	9531	2.70	cps
Bromine	81-1	150969	183042	202068	178693	14.45	cps
Cadmium	111-1	1247	1479	1178	1301	12.12	cps
Cadmium	106-1	1525	1792	1383	1567	13.23	cps
Cadmium	108-1	42	83	75	67	33.07	cps
Calcium	43-1	412988	418337	422692	418005	1.16	cps
Calcium	44-1	6846228	7040155	7023445	6969943	1.54	cps
Chromium	52-2	2487	2377	2437	2434	2.26	cps
Cobalt	59-2	3624	3490	3537	3550	1.91	cps
Copper	63-2	4904	5148	5288	5113	3.80	cps
Dysprosium	156-1	167	100	125	131	25.80	cps
Dysprosium	156-2	63	67	43	58	21.85	cps
Erbium	164-1	92	108	100	100	8.33	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-1	117	158	150	142	15.56	cps
Gadolinium	160-2	57	33	43	44	26.35	cps
Holmium	165-1	3688167	3728433	3683817	3700139	0.66	cps
Holmium	165-2	1845933	1857992	1852477	1852134	0.33	cps
Indium	115-1	3789846	3806757	3903426	3833343	1.60	cps
Indium	115-2	659480	669029	668238	665583	0.80	cps
Iron	54-2	224172	223979	220656	222936	0.89	cps
Iron	56-2	4127474	4063229	3993851	4061518	1.65	cps
Iron	57-2	103031	100899	100882	101604	1.22	cps
Krypton	83-1	1827	2010	1913	1917	4.79	cps
Lead	206-1	950	928	1011	963	4.48	cps
Lead	207-1	906	778	733	806	11.10	cps
Lead	208-1	3639	3673	3650	3654	0.46	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03DUP	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:59:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1617331	1646930	1716859	1660373	3.08	cps
Magnesium	24-2	348307	351708	338664	346226	1.95	cps
Manganese	55-2	183559	187209	181982	184250	1.46	cps
Molybdenum	94-1	1075	883	1000	986	9.80	cps
Molybdenum	95-1	858	642	725	742	14.74	cps
Molybdenum	96-1	883	858	733	825	9.74	cps
Molybdenum	97-1	367	417	450	411	10.20	cps
Molybdenum	98-1	892	842	958	897	6.52	cps
Neodymium	150-1	173	167	173	171	2.25	cps
Neodymium	150-2	63	77	47	62	24.16	cps
Nickel	60-2	2144	2180	2084	2136	2.29	cps
Phosphorus	31-2	250	283	225	253	11.58	cps
Potassium	39-2	280871	285023	281160	282352	0.82	cps
Rhodium	103-1	3356915	3332868	3439329	3376371	1.65	cps
Rhodium	103-2	1659016	1635388	1671652	1655352	1.11	cps
Scandium	45-1	2546942	2519363	2581829	2549378	1.23	cps
Scandium	45-2	104936	103687	104604	104409	0.62	cps
Selenium	82-1	-45	-167	-87	-100	-61.86	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	52	47	61	53	13.31	cps
Silicon	28-1	3748622	3857366	3772045	3792678	1.51	cps
Silver	109-1	1033	1242	1133	1136	9.17	cps
Silver	107-1	1125	1158	1308	1197	8.16	cps
Sodium	23-2	343450374	349328791	340035749	344271638	1.37	cps
Strontium	86-1	423518	416227	429000	422915	1.52	cps
Strontium	88-1	3525306	3480250	3622056	3542537	2.05	cps
Sulfur	34-1	751078	756797	764123	757333	0.86	cps
Terbium	159-1	4018019	3965346	3935081	3972815	1.06	cps
Terbium	159-2	1892477	1850394	1885724	1876198	1.20	cps
Thallium	203-1	133	150	125	136	9.35	cps
Thallium	205-1	383	375	325	361	8.74	cps
Tin	118-1	667	558	767	664	15.69	cps
Titanium	47-1	3451	3517	3942	3637	7.34	cps
Uranium	238-1	292	242	250	261	10.26	cps
Vanadium	51-2	463	520	470	484	6.39	cps
Yttrium	89-1	7128225	7013654	7159949	7100609	1.08	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03DUP	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 15:59:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	833060	840298	840905	838088	0.52	cps
Zinc	66-2	12919	12876	12752	12849	0.67	cps
Zirconium	90-1	1392	1500	1642	1511	8.30	cps
Zirconium	91-1	433	367	342	381	12.45	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03LX5	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 16:02:09	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1346	1345	1377	1356	1.36	cps
Antimony	121-1	333	433	392	386	13.01	cps
Arsenic	75-2	178	173	174	175	1.51	cps
Barium	135-1	14016	13707	14199	13974	1.78	cps
Barium	137-1	23463	24247	24005	23905	1.68	cps
Beryllium	9-1	154	126	136	139	10.23	cps
Bismuth	209-1	2050756	2036204	2038783	2041914	0.38	cps
Bismuth	209-2	1191076	1190496	1233291	1204954	2.04	cps
Boron	10-1	996	1056	986	1013	3.74	cps
Boron	11-1	4910	4756	4736	4801	1.98	cps
Bromine	81-1	67369	70619	71976	69988	3.38	cps
Cadmium	111-1	1304	1138	1236	1226	6.84	cps
Cadmium	106-1	1783	1567	1683	1678	6.46	cps
Cadmium	108-1	33	25	13	24	44.41	cps
Calcium	43-1	83272	84599	84935	84269	1.04	cps
Calcium	44-1	1389089	1409894	1439603	1412862	1.80	cps
Chromium	52-2	867	907	873	882	2.43	cps
Cobalt	59-2	667	813	800	760	10.67	cps
Copper	63-2	1950	1997	1877	1941	3.12	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	23	17	20	20	16.65	cps
Holmium	165-1	3868537	3689336	3742347	3766740	2.44	cps
Holmium	165-2	1766821	1777244	1806709	1783591	1.16	cps
Indium	115-1	3915049	3813874	3843349	3857424	1.35	cps
Indium	115-2	602956	605984	622341	610427	1.71	cps
Iron	54-2	42062	42965	44151	43059	2.43	cps
Iron	56-2	781014	782858	793183	785685	0.83	cps
Iron	57-2	19591	19703	19853	19716	0.67	cps
Krypton	83-1	1920	1737	1810	1822	5.06	cps
Lead	206-1	311	344	278	311	10.71	cps
Lead	207-1	228	267	272	256	9.47	cps
Lead	208-1	1239	1239	1094	1191	7.00	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03LX5	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 16:02:09	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1749637	1727590	1711943	1729723	1.09	cps
Magnesium	24-2	66083	66980	68419	67161	1.75	cps
Manganese	55-2	34843	35003	35755	35200	1.38	cps
Molybdenum	94-1	275	267	283	275	3.03	cps
Molybdenum	95-1	108	225	150	161	36.70	cps
Molybdenum	96-1	292	242	242	258	11.17	cps
Molybdenum	97-1	150	83	58	97	48.73	cps
Molybdenum	98-1	308	158	283	250	32.15	cps
Neodymium	150-1	53	80	53	62	24.75	cps
Neodymium	150-2	23	10	17	17	39.99	cps
Nickel	60-2	533	463	497	498	7.03	cps
Phosphorus	31-2	283	200	192	225	22.53	cps
Potassium	39-2	82788	82771	81865	82475	0.64	cps
Rhodium	103-1	3671096	3552721	3519759	3581192	2.22	cps
Rhodium	103-2	1606926	1629574	1655525	1630675	1.49	cps
Scandium	45-1	2561935	2547348	2616911	2575398	1.42	cps
Scandium	45-2	97410	98360	101525	99098	2.17	cps
Selenium	82-1	-61	99	-5	11	731.25	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	47	37	55	46	19.47	cps
Silicon	28-1	1806562	1886459	1845504	1846175	2.16	cps
Silver	109-1	842	767	575	728	18.90	cps
Silver	107-1	958	875	700	844	15.61	cps
Sodium	23-2	65466991	67233045	67551495	66750511	1.68	cps
Strontium	86-1	86442	86526	88320	87096	1.22	cps
Strontium	88-1	723875	727224	740162	730420	1.18	cps
Sulfur	34-1	591452	592088	589341	590960	0.24	cps
Terbium	159-1	4085372	4001728	3929035	4005379	1.95	cps
Terbium	159-2	1800113	1798454	1860908	1819825	1.96	cps
Thallium	203-1	67	58	133	86	47.74	cps
Thallium	205-1	225	267	192	228	16.50	cps
Tin	118-1	225	208	233	222	5.73	cps
Titanium	47-1	983	1150	1050	1061	7.91	cps
Uranium	238-1	33	83	67	61	41.67	cps
Vanadium	51-2	87	100	77	88	13.33	cps
Yttrium	89-1	7251319	7165543	7198747	7205203	0.60	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03LX5	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 16:02:09	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	798479	802356	825578	808805	1.81	cps
Zinc	66-2	2844	2740	2887	2824	2.67	cps
Zirconium	90-1	525	558	567	550	4.01	cps
Zirconium	91-1	158	108	133	133	18.75	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-06	Instrumnet Name :	P8
Client Sample ID :	49-MW027-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:05:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34353	34604	34501	34486	0.37	cps
Antimony	121-1	1767	2034	1975	1925	7.28	cps
Arsenic	75-2	23631	23824	24380	23945	1.62	cps
Barium	135-1	17628	17846	17854	17776	0.72	cps
Barium	137-1	29057	32072	31855	30995	5.43	cps
Beryllium	9-1	200	234	158	197	19.29	cps
Bismuth	209-1	2065364	2176729	2199813	2147302	3.35	cps
Bismuth	209-2	1239296	1252524	1268719	1253513	1.18	cps
Boron	10-1	2046	2356	2368	2256	8.09	cps
Boron	11-1	10244	11236	12175	11218	8.61	cps
Bromine	81-1	46866	49718	53346	49977	6.50	cps
Cadmium	111-1	1319	1513	1353	1395	7.42	cps
Cadmium	106-1	1650	1892	1742	1761	6.93	cps
Cadmium	108-1	46	46	58	50	14.43	cps
Calcium	43-1	181949	188589	186396	185645	1.82	cps
Calcium	44-1	3066610	3207082	3186387	3153360	2.40	cps
Chromium	52-2	10601	10647	10971	10740	1.88	cps
Cobalt	59-2	5564	5361	5788	5571	3.83	cps
Copper	63-2	16069	15959	16189	16073	0.72	cps
Dysprosium	156-1	1167	1167	992	1108	9.12	cps
Dysprosium	156-2	413	410	450	424	5.23	cps
Erbium	164-1	767	750	858	792	7.37	cps
Erbium	164-2	393	457	417	422	7.59	cps
Gadolinium	160-1	900	983	1067	983	8.48	cps
Gadolinium	160-2	520	510	473	501	4.90	cps
Holmium	165-1	3684644	3878136	3859514	3807431	2.80	cps
Holmium	165-2	1845057	1833727	1914907	1864563	2.36	cps
Indium	115-1	3750065	3892718	3815227	3819337	1.87	cps
Indium	115-2	608675	619214	624185	617358	1.28	cps
Iron	54-2	441592	444501	446085	444059	0.51	cps
Iron	56-2	8035226	8108756	8112973	8085652	0.54	cps
Iron	57-2	201127	201948	204365	202480	0.83	cps
Krypton	83-1	1733	1817	1927	1826	5.31	cps
Lead	206-1	4084	3967	4279	4110	3.83	cps
Lead	207-1	3162	3534	3384	3360	5.58	cps
Lead	208-1	15682	15937	16093	15904	1.31	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-06	Instrumnet Name :	P8
Client Sample ID :	49-MW027-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:05:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1737160	1782709	1695345	1738404	2.51	cps
Magnesium	24-2	814874	817492	823054	818473	0.51	cps
Manganese	55-2	74584	74832	76936	75450	1.71	cps
Molybdenum	94-1	11630	11580	11138	11449	2.37	cps
Molybdenum	95-1	4459	4317	4501	4426	2.17	cps
Molybdenum	96-1	6235	6702	6677	6538	4.02	cps
Molybdenum	97-1	2775	2909	2700	2795	3.78	cps
Molybdenum	98-1	7352	7152	7802	7436	4.48	cps
Neodymium	150-1	1620	1553	1607	1593	2.21	cps
Neodymium	150-2	550	550	467	522	9.21	cps
Nickel	60-2	12436	12419	12365	12407	0.29	cps
Phosphorus	31-2	2084	1875	2134	2031	6.75	cps
Potassium	39-2	246900	249878	249743	248841	0.68	cps
Rhodium	103-1	3574990	3821399	3745968	3714119	3.40	cps
Rhodium	103-2	1651144	1711419	1721762	1694775	2.25	cps
Scandium	45-1	2613453	2738972	2750970	2701132	2.82	cps
Scandium	45-2	101351	102754	103043	102383	0.88	cps
Selenium	82-1	91	60	-37	38	174.37	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	53	45	49	49	8.17	cps
Silicon	28-1	21817205	22461181	22379012	22219133	1.58	cps
Silver	109-1	600	483	475	519	13.45	cps
Silver	107-1	658	525	583	589	11.35	cps
Sodium	23-2	49729091	49368588	49793143	49630274	0.46	cps
Strontium	86-1	203745	211795	206348	207296	1.98	cps
Strontium	88-1	1682347	1769578	1722605	1724844	2.53	cps
Sulfur	34-1	559186	561980	558402	559856	0.34	cps
Terbium	159-1	4209960	4357391	4323688	4297013	1.80	cps
Terbium	159-2	1859581	1880056	1906633	1882090	1.25	cps
Thallium	203-1	92	83	67	81	15.80	cps
Thallium	205-1	242	167	258	222	21.98	cps
Tin	118-1	767	650	858	758	13.77	cps
Titanium	47-1	29957	31017	30441	30472	1.74	cps
Uranium	238-1	1967	1800	1992	1920	5.43	cps
Vanadium	51-2	8703	8489	8433	8542	1.67	cps
Yttrium	89-1	7202548	7608111	7498509	7436390	2.82	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-06	Instrumnet Name :	P8
Client Sample ID :	49-MW027-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:05:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	829323	835865	839025	834738	0.59	cps
Zinc	66-2	7615	7716	7846	7726	1.49	cps
Zirconium	90-1	23145	24857	23128	23710	4.19	cps
Zirconium	91-1	5401	5760	5410	5523	3.70	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-07	Instrumnet Name :	P8
Client Sample ID :	49-MW022-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:07:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10879	13555	10679	11704	13.72	cps
Antimony	121-1	292	167	442	300	45.90	cps
Arsenic	75-2	1096	1128	1028	1084	4.71	cps
Barium	135-1	36049	36392	35447	35962	1.33	cps
Barium	137-1	58736	61533	61072	60447	2.48	cps
Beryllium	9-1	178	156	152	162	8.64	cps
Bismuth	209-1	2161947	2133521	2145720	2147063	0.66	cps
Bismuth	209-2	1294731	1389142	1321550	1335141	3.64	cps
Boron	10-1	3598	4426	4688	4237	13.43	cps
Boron	11-1	18908	21708	23232	21283	10.30	cps
Bromine	81-1	48654	59767	66756	58392	15.63	cps
Cadmium	111-1	1204	1113	1168	1161	3.97	cps
Cadmium	106-1	1733	1558	1658	1650	5.32	cps
Cadmium	108-1	25	17	8	17	50.01	cps
Calcium	43-1	599503	621411	614542	611819	1.83	cps
Calcium	44-1	10121637	10409891	10298013	10276513	1.41	cps
Chromium	52-2	1940	2447	1837	2075	15.75	cps
Cobalt	59-2	830	1481	687	999	42.35	cps
Copper	63-2	2064	5251	2070	3128	58.76	cps
Dysprosium	156-1	342	283	275	300	12.11	cps
Dysprosium	156-2	127	120	120	122	3.15	cps
Erbium	164-1	367	183	183	244	43.30	cps
Erbium	164-2	120	153	123	132	13.89	cps
Gadolinium	160-1	300	250	350	300	16.67	cps
Gadolinium	160-2	160	160	153	158	2.44	cps
Holmium	165-1	3883385	3919068	3895537	3899330	0.47	cps
Holmium	165-2	1932959	2104621	1962690	2000090	4.59	cps
Indium	115-1	3896584	3879942	3918667	3898398	0.50	cps
Indium	115-2	640394	652161	646834	646463	0.91	cps
Iron	54-2	80715	83062	76045	79941	4.47	cps
Iron	56-2	1479686	1511862	1413402	1468317	3.42	cps
Iron	57-2	37745	37755	35461	36987	3.57	cps
Krypton	83-1	1767	1877	1770	1805	3.47	cps
Lead	206-1	956	933	828	906	7.54	cps
Lead	207-1	806	750	761	772	3.81	cps
Lead	208-1	3561	3745	3161	3489	8.55	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-07	Instrumnet Name :	P8
Client Sample ID :	49-MW022-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:07:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1711629	1748184	1693138	1717650	1.63	cps
Magnesium	24-2	2252394	2282125	2171118	2235212	2.57	cps
Manganese	55-2	141659	142124	136327	140037	2.30	cps
Molybdenum	94-1	1683	1859	1617	1720	7.26	cps
Molybdenum	95-1	1217	1175	1250	1214	3.10	cps
Molybdenum	96-1	1442	1583	1583	1536	5.33	cps
Molybdenum	97-1	658	833	942	811	17.63	cps
Molybdenum	98-1	1975	1850	2217	2014	9.26	cps
Neodymium	150-1	473	533	640	549	15.38	cps
Neodymium	150-2	183	180	170	178	3.90	cps
Nickel	60-2	810	1147	777	911	22.47	cps
Phosphorus	31-2	358	392	275	342	17.59	cps
Potassium	39-2	415154	412308	400245	409236	1.93	cps
Rhodium	103-1	3749696	3660216	3728784	3712899	1.26	cps
Rhodium	103-2	1748997	1805561	1784060	1779539	1.60	cps
Scandium	45-1	2651742	2742738	2703834	2699438	1.69	cps
Scandium	45-2	106195	109478	107751	107808	1.52	cps
Selenium	82-1	86	-47	114	51	168.53	cps
Selenium	77-2	17	0	3	7	132.33	cps
Selenium	78-2	54	52	42	49	13.04	cps
Silicon	28-1	14004320	14626707	14326664	14319230	2.17	cps
Silver	109-1	267	267	367	300	19.24	cps
Silver	107-1	283	317	350	317	10.53	cps
Sodium	23-2	24814573	24589821	24198121	24534172	1.27	cps
Strontium	86-1	547795	562168	551342	553768	1.35	cps
Strontium	88-1	4593271	4609548	4670687	4624502	0.88	cps
Sulfur	34-1	628079	625188	630247	627838	0.40	cps
Terbium	159-1	4241275	4224061	4242433	4235923	0.24	cps
Terbium	159-2	1955072	2065591	1987751	2002805	2.83	cps
Thallium	203-1	42	42	75	53	36.46	cps
Thallium	205-1	133	125	133	131	3.69	cps
Tin	118-1	358	433	417	403	9.78	cps
Titanium	47-1	9770	10204	10496	10157	3.60	cps
Uranium	238-1	8503	8945	8420	8623	3.27	cps
Vanadium	51-2	787	1194	620	867	34.04	cps
Yttrium	89-1	7449822	7435572	7544877	7476757	0.79	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-07	Instrumnet Name :	P8
Client Sample ID :	49-MW022-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:07:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	863710	879195	876774	873226	0.95	cps
Zinc	66-2	4934	5074	4314	4774	8.48	cps
Zirconium	90-1	3000	3117	3017	3045	2.07	cps
Zirconium	91-1	775	675	808	753	9.22	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-08	Instrumnet Name :	P8
Client Sample ID :	49-MW021-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:10:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7937	7979	7945	7954	0.28	cps
Antimony	121-1	325	425	350	367	14.19	cps
Arsenic	75-2	4590	4593	4500	4561	1.16	cps
Barium	135-1	110448	111978	107307	109911	2.17	cps
Barium	137-1	190893	188669	186972	188845	1.04	cps
Beryllium	9-1	128	108	142	126	13.56	cps
Bismuth	209-1	2187186	2129685	2106249	2141040	1.95	cps
Bismuth	209-2	1227199	1245818	1214400	1229139	1.29	cps
Boron	10-1	11256	12215	13299	12257	8.34	cps
Boron	11-1	54853	60634	65200	60229	8.61	cps
Bromine	81-1	80714	95299	105470	93828	13.26	cps
Cadmium	111-1	1172	1234	1134	1180	4.30	cps
Cadmium	106-1	1650	1750	1617	1672	4.15	cps
Cadmium	108-1	0	17	21	13	88.19	cps
Calcium	43-1	1681788	1722651	1724812	1709750	1.42	cps
Calcium	44-1	27928166	28435152	28077364	28146894	0.93	cps
Chromium	52-2	2364	2344	2460	2389	2.61	cps
Cobalt	59-2	893	960	843	899	6.51	cps
Copper	63-2	2024	1867	1970	1953	4.08	cps
Dysprosium	156-1	217	200	150	189	18.37	cps
Dysprosium	156-2	87	67	67	73	15.75	cps
Erbium	164-1	158	183	175	172	7.39	cps
Erbium	164-2	77	70	53	67	18.03	cps
Gadolinium	160-1	167	158	150	158	5.26	cps
Gadolinium	160-2	80	83	97	87	10.18	cps
Holmium	165-1	4015113	3900391	3902907	3939470	1.66	cps
Holmium	165-2	1887643	1925824	1823139	1878869	2.76	cps
Indium	115-1	3950093	3916170	3866326	3910863	1.08	cps
Indium	115-2	609250	628596	604527	614125	2.08	cps
Iron	54-2	137971	139883	140271	139375	0.88	cps
Iron	56-2	2541411	2573888	2522099	2545800	1.03	cps
Iron	57-2	62096	64618	62994	63236	2.02	cps
Krypton	83-1	2003	1793	1830	1876	5.98	cps
Lead	206-1	389	461	511	454	13.54	cps
Lead	207-1	433	344	367	381	12.13	cps
Lead	208-1	1872	1728	1811	1804	4.02	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-08	Instrumnet Name :	P8
Client Sample ID :	49-MW021-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:10:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1664187	1630687	1636251	1643708	1.09	cps
Magnesium	24-2	5890391	5941141	5921799	5917777	0.43	cps
Manganese	55-2	343046	346430	339902	343126	0.95	cps
Molybdenum	94-1	842	800	917	853	6.93	cps
Molybdenum	95-1	825	767	783	792	3.80	cps
Molybdenum	96-1	758	658	808	742	10.30	cps
Molybdenum	97-1	358	392	542	431	22.68	cps
Molybdenum	98-1	1142	1125	1200	1156	3.41	cps
Neodymium	150-1	133	260	147	180	38.67	cps
Neodymium	150-2	80	83	70	78	8.92	cps
Nickel	60-2	1110	1077	1130	1106	2.44	cps
Phosphorus	31-2	275	342	333	317	11.47	cps
Potassium	39-2	658912	668059	668280	665084	0.80	cps
Rhodium	103-1	3817722	3677977	3668079	3721259	2.25	cps
Rhodium	103-2	1648961	1687011	1632948	1656307	1.68	cps
Scandium	45-1	2749850	2723447	2728683	2733993	0.51	cps
Scandium	45-2	101113	104084	100975	102057	1.72	cps
Selenium	82-1	-197	93	-24	-43	-342.39	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	41	52	49	47	12.02	cps
Silicon	28-1	18439082	18669194	18379315	18495863	0.83	cps
Silver	109-1	258	292	442	331	29.54	cps
Silver	107-1	283	283	492	353	34.10	cps
Sodium	23-2	63745168	63949368	64035445	63909994	0.23	cps
Strontium	86-1	1696008	1736047	1666239	1699431	2.06	cps
Strontium	88-1	14359294	14619487	14034188	14337656	2.05	cps
Sulfur	34-1	679271	676401	672246	675973	0.52	cps
Terbium	159-1	4313533	4263719	4146173	4241142	2.03	cps
Terbium	159-2	1845477	1856598	1850081	1850719	0.30	cps
Thallium	203-1	67	33	67	56	34.65	cps
Thallium	205-1	167	125	83	125	33.33	cps
Tin	118-1	283	342	267	297	13.25	cps
Titanium	47-1	3559	3334	3459	3451	3.27	cps
Uranium	238-1	29594	29669	29201	29488	0.85	cps
Vanadium	51-2	537	427	447	470	12.47	cps
Yttrium	89-1	7571747	7549188	7513220	7544718	0.39	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-08	Instrumnet Name :	P8
Client Sample ID :	49-MW021-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:10:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	827136	839656	817530	828107	1.34	cps
Zinc	66-2	2840	2824	2697	2787	2.81	cps
Zirconium	90-1	1042	1108	1192	1114	6.75	cps
Zirconium	91-1	233	408	225	289	35.84	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P8
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:13:37 DataFile Name : 029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1113040	1112363	1120008	1115137	0.38	cps
Antimony	121-1	1639796	1645438	1702638	1662624	2.09	cps
Arsenic	75-2	62232	62345	62623	62400	0.32	cps
Barium	135-1	1693617	1738484	1759934	1730678	1.96	cps
Barium	137-1	2874622	2974218	2978189	2942343	1.99	cps
Beryllium	9-1	391428	402552	406259	400080	1.93	cps
Bismuth	209-1	2022616	1987176	2068674	2026155	2.02	cps
Bismuth	209-2	1180912	1204063	1192916	1192631	0.97	cps
Boron	10-1	27402	31323	33876	30867	10.56	cps
Boron	11-1	135139	155539	166716	152465	10.50	cps
Bromine	81-1	28809	26231	25519	26853	6.45	cps
Cadmium	111-1	362212	366165	373812	367396	1.61	cps
Cadmium	106-1	39265	41020	40853	40379	2.40	cps
Cadmium	108-1	26517	27753	27085	27118	2.28	cps
Calcium	43-1	2040310	2112339	2123925	2092192	2.17	cps
Calcium	44-1	34165309	35277955	35409336	34950867	1.96	cps
Chromium	52-2	494272	491437	499077	494929	0.78	cps
Cobalt	59-2	847631	843274	852995	847967	0.57	cps
Copper	63-2	6016738	5841439	5915155	5924444	1.49	cps
Dysprosium	156-1	308	433	333	358	18.46	cps
Dysprosium	156-2	173	147	173	164	9.36	cps
Erbium	164-1	83	58	92	78	22.30	cps
Erbium	164-2	23	20	20	21	9.11	cps
Gadolinium	160-1	383	308	300	331	13.88	cps
Gadolinium	160-2	163	210	190	188	12.47	cps
Holmium	165-1	3735552	3836720	3756727	3776333	1.41	cps
Holmium	165-2	1795826	1815736	1812973	1808179	0.60	cps
Indium	115-1	3611720	3696650	3595961	3634777	1.49	cps
Indium	115-2	579882	591828	591479	587730	1.16	cps
Iron	54-2	5024338	5007267	5002351	5011319	0.23	cps
Iron	56-2	89968671	90574069	90312921	90285221	0.34	cps
Iron	57-2	2303695	2263657	2308158	2291836	1.07	cps
Krypton	83-1	1903	1733	1783	1807	4.84	cps
Lead	206-1	4059188	4198854	4313583	4190542	3.04	cps
Lead	207-1	3703690	3805874	3893207	3800924	2.50	cps
Lead	208-1	16539154	16813890	17135558	16829534	1.77	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:13:37	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1587910	1589531	1583203	1586881	0.21	cps
Magnesium	24-2	16836195	16774424	16866797	16825805	0.28	cps
Manganese	55-2	2377521	2328317	2365326	2357055	1.09	cps
Molybdenum	94-1	3234980	3309037	3310988	3285001	1.32	cps
Molybdenum	95-1	3936911	4000146	4044032	3993696	1.35	cps
Molybdenum	96-1	4321603	4385760	4486831	4398065	1.89	cps
Molybdenum	97-1	2388438	2459023	2497613	2448358	2.26	cps
Molybdenum	98-1	6138718	6303061	6509582	6317120	2.94	cps
Neodymium	150-1	67	80	67	71	10.82	cps
Neodymium	150-2	30	13	10	18	60.28	cps
Nickel	60-2	222246	222964	224291	223167	0.46	cps
Phosphorus	31-2	15634	15442	16118	15731	2.21	cps
Potassium	39-2	6701317	6617674	6783663	6700885	1.24	cps
Rhodium	103-1	3396978	3480086	3499796	3458953	1.58	cps
Rhodium	103-2	1600604	1648448	1632168	1627073	1.50	cps
Scandium	45-1	2527679	2598908	2612067	2579551	1.76	cps
Scandium	45-2	99307	98253	99763	99107	0.78	cps
Selenium	82-1	25800	26740	26243	26261	1.79	cps
Selenium	77-2	763	727	810	767	5.45	cps
Selenium	78-2	2891	2843	3041	2925	3.53	cps
Silicon	28-1	2208496	2229896	2250145	2229512	0.93	cps
Silver	109-1	1727708	1771739	1788386	1762611	1.78	cps
Silver	107-1	1864609	1854275	1889382	1869422	0.97	cps
Sodium	23-2	33384149	33298192	33782712	33488351	0.77	cps
Strontium	86-1	534886	544156	543656	540899	0.96	cps
Strontium	88-1	4480457	4552610	4566633	4533233	1.02	cps
Sulfur	34-1	688141	697375	706252	697256	1.30	cps
Terbium	159-1	3974052	4019322	4030201	4007858	0.74	cps
Terbium	159-2	1790140	1864802	1823936	1826292	2.05	cps
Thallium	203-1	953047	985551	996658	978419	2.32	cps
Thallium	205-1	2230031	2304825	2311455	2282103	1.98	cps
Tin	118-1	1160175	1195300	1200439	1185305	1.85	cps
Titanium	47-1	1167392	1191351	1203826	1187523	1.56	cps
Uranium	238-1	2748918	2822238	2853500	2808218	1.91	cps
Vanadium	51-2	415239	413226	417503	415323	0.52	cps
Yttrium	89-1	7136073	7189928	7097160	7141054	0.65	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:13:37	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	802225	813585	816856	810889	0.95	cps
Zinc	66-2	811515	810107	812087	811236	0.13	cps
Zirconium	90-1	2748718	2774433	2784476	2769209	0.67	cps
Zirconium	91-1	624736	623028	635196	627654	1.05	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:19:03 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370	390	365	375	3.53	cps
Antimony	121-1	150	317	225	231	36.21	cps
Arsenic	75-2	11	6	6	8	37.65	cps
Barium	135-1	67	42	42	50	28.87	cps
Barium	137-1	100	58	108	89	30.13	cps
Beryllium	9-1	184	198	170	184	7.61	cps
Bismuth	209-1	2042320	2030658	2018903	2030627	0.58	cps
Bismuth	209-2	1168612	1174002	1163611	1168742	0.44	cps
Boron	10-1	1964	1744	1688	1798	8.11	cps
Boron	11-1	9107	8573	8099	8593	5.87	cps
Bromine	81-1	7580	8081	7430	7697	4.43	cps
Cadmium	111-1	1122	1041	1043	1069	4.30	cps
Cadmium	106-1	1575	1500	1467	1514	3.67	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	255	279	255	263	5.22	cps
Calcium	44-1	16668	17226	16635	16843	1.97	cps
Chromium	52-2	527	487	540	518	5.36	cps
Cobalt	59-2	87	60	93	80	22.05	cps
Copper	63-2	1257	1220	1193	1223	2.60	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	3665248	3619769	3560718	3615245	1.45	cps
Holmium	165-2	1724420	1712175	1720980	1719192	0.37	cps
Indium	115-1	3678816	3634748	3676886	3663483	0.68	cps
Indium	115-2	568110	574546	568825	570494	0.62	cps
Iron	54-2	522	417	439	459	12.12	cps
Iron	56-2	4823	5023	4568	4805	4.75	cps
Iron	57-2	117	133	161	137	16.39	cps
Krypton	83-1	1960	1827	1933	1907	3.70	cps
Lead	206-1	283	283	328	298	8.61	cps
Lead	207-1	306	306	233	281	14.81	cps
Lead	208-1	1144	1400	1183	1243	11.09	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:19:03	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1555727	1530500	1511465	1532564	1.45	cps
Magnesium	24-2	1200	1125	1342	1222	9.00	cps
Manganese	55-2	270	203	273	249	15.87	cps
Molybdenum	94-1	167	242	183	197	19.97	cps
Molybdenum	95-1	108	100	142	117	18.90	cps
Molybdenum	96-1	183	150	117	150	22.22	cps
Molybdenum	97-1	75	117	67	86	31.12	cps
Molybdenum	98-1	225	500	92	272	76.51	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	107	97	108	10.86	cps
Phosphorus	31-2	250	308	183	247	25.30	cps
Potassium	39-2	29740	30449	31168	30452	2.34	cps
Rhodium	103-1	3564211	3552806	3548468	3555162	0.23	cps
Rhodium	103-2	1644341	1643217	1631504	1639687	0.43	cps
Scandium	45-1	2578973	2526111	2433659	2512914	2.93	cps
Scandium	45-2	94236	94977	93710	94308	0.68	cps
Selenium	82-1	-53	-59	-156	-89	-64.89	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	41	47	45	44	6.89	cps
Silicon	28-1	1290965	1268534	1273340	1277613	0.92	cps
Silver	109-1	192	192	158	181	10.66	cps
Silver	107-1	300	283	267	283	5.88	cps
Sodium	23-2	79978	79089	77531	78866	1.57	cps
Strontium	86-1	2734	2617	2709	2686	2.29	cps
Strontium	88-1	283	367	217	289	26.02	cps
Sulfur	34-1	541986	548854	545802	545548	0.63	cps
Terbium	159-1	3924963	3927624	3955481	3936022	0.43	cps
Terbium	159-2	1755336	1710170	1744952	1736819	1.36	cps
Thallium	203-1	217	83	100	133	54.49	cps
Thallium	205-1	383	358	392	378	4.59	cps
Tin	118-1	142	300	192	211	38.34	cps
Titanium	47-1	392	333	433	386	13.01	cps
Uranium	238-1	33	33	50	39	24.75	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	7033827	6967846	7028348	7010007	0.52	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:19:03	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	768878	777412	767572	771287	0.69	cps
Zinc	66-2	267	283	283	278	3.46	cps
Zirconium	90-1	292	425	367	361	18.51	cps
Zirconium	91-1	83	58	100	81	26.03	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-09	Instrumnet Name :	P8
Client Sample ID :	49-IW5675-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:22:14	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21245	20843	20623	20904	1.51	cps
Antimony	121-1	600	625	600	608	2.37	cps
Arsenic	75-2	3463	3539	3564	3522	1.49	cps
Barium	135-1	8736	9270	8670	8892	3.70	cps
Barium	137-1	16043	15484	16410	15979	2.92	cps
Beryllium	9-1	144	166	192	167	14.36	cps
Bismuth	209-1	2106750	2104172	2136931	2115951	0.86	cps
Bismuth	209-2	1271580	1327062	1235581	1278074	3.61	cps
Boron	10-1	1530	1472	1462	1488	2.47	cps
Boron	11-1	7234	7460	7090	7262	2.57	cps
Bromine	81-1	15936	18752	21057	18582	13.80	cps
Cadmium	111-1	1276	1373	1241	1297	5.28	cps
Cadmium	106-1	1700	1884	1675	1753	6.49	cps
Cadmium	108-1	38	17	21	25	44.09	cps
Calcium	43-1	83293	83303	85183	83926	1.30	cps
Calcium	44-1	1433802	1449435	1456555	1446598	0.80	cps
Chromium	52-2	4321	4297	4397	4338	1.21	cps
Cobalt	59-2	2287	2274	2394	2318	2.84	cps
Copper	63-2	9417	9163	9380	9320	1.47	cps
Dysprosium	156-1	433	500	583	506	14.87	cps
Dysprosium	156-2	187	167	197	183	8.33	cps
Erbium	164-1	333	258	342	311	14.75	cps
Erbium	164-2	133	160	163	152	10.80	cps
Gadolinium	160-1	350	425	417	397	10.35	cps
Gadolinium	160-2	253	173	200	209	19.50	cps
Holmium	165-1	3816012	3811320	3867603	3831645	0.82	cps
Holmium	165-2	1882859	1981371	1850023	1904751	3.59	cps
Indium	115-1	3763019	3894044	3842714	3833259	1.72	cps
Indium	115-2	627616	646263	602520	625466	3.51	cps
Iron	54-2	143232	142570	141190	142331	0.73	cps
Iron	56-2	2646340	2586441	2642703	2625161	1.28	cps
Iron	57-2	64662	65271	64769	64901	0.50	cps
Krypton	83-1	1903	1837	1780	1840	3.36	cps
Lead	206-1	2111	1872	2178	2054	7.82	cps
Lead	207-1	1622	1617	1589	1609	1.11	cps
Lead	208-1	8101	7562	8007	7890	3.65	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-09	Instrumnet Name :	P8
Client Sample ID :	49-IW5675-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:22:14	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1570715	1591612	1616504	1592944	1.44	cps
Magnesium	24-2	181225	180078	182008	181104	0.54	cps
Manganese	55-2	37051	36219	37392	36888	1.64	cps
Molybdenum	94-1	5059	5868	5259	5396	7.81	cps
Molybdenum	95-1	1442	1425	1517	1461	3.34	cps
Molybdenum	96-1	2142	2209	2167	2172	1.55	cps
Molybdenum	97-1	875	808	750	811	7.71	cps
Molybdenum	98-1	2292	2300	2242	2278	1.38	cps
Neodymium	150-1	607	520	580	569	7.80	cps
Neodymium	150-2	193	227	207	209	8.03	cps
Nickel	60-2	2354	2440	2494	2429	2.91	cps
Phosphorus	31-2	725	658	875	753	14.74	cps
Potassium	39-2	99039	100439	99878	99786	0.71	cps
Rhodium	103-1	3678468	3742528	3736122	3719039	0.95	cps
Rhodium	103-2	1737967	1827107	1659724	1741599	4.81	cps
Scandium	45-1	2626697	2694398	2700250	2673781	1.53	cps
Scandium	45-2	104507	108500	100643	104550	3.76	cps
Selenium	82-1	-47	4	-52	-31	-98.14	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	48	42	51	47	9.76	cps
Silicon	28-1	9873735	10036474	10089964	10000058	1.13	cps
Silver	109-1	158	167	133	153	11.35	cps
Silver	107-1	200	242	225	222	9.44	cps
Sodium	23-2	18444330	18078844	18185460	18236211	1.03	cps
Strontium	86-1	54424	54967	55845	55079	1.30	cps
Strontium	88-1	437933	443151	446905	442663	1.02	cps
Sulfur	34-1	548329	547985	550174	548829	0.21	cps
Terbium	159-1	4040229	4252642	4173125	4155332	2.58	cps
Terbium	159-2	1924115	2004896	1888762	1939257	3.07	cps
Thallium	203-1	125	100	125	117	12.37	cps
Thallium	205-1	333	258	317	303	13.01	cps
Tin	118-1	483	492	533	503	5.33	cps
Titanium	47-1	10237	10421	10045	10234	1.83	cps
Uranium	238-1	1450	1550	1717	1572	8.57	cps
Vanadium	51-2	2357	2494	2347	2399	3.42	cps
Yttrium	89-1	7317629	7530760	7555211	7467866	1.75	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-09	Instrumnet Name :	P8
Client Sample ID :	49-IW5675-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:22:14	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	846485	880956	818271	848571	3.70	cps
Zinc	66-2	17504	17528	17901	17644	1.26	cps
Zirconium	90-1	12798	12398	14016	13071	6.45	cps
Zirconium	91-1	3017	2734	2942	2898	5.07	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-10	Instrumnet Name :	P8
Client Sample ID :	49-IW5678-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:25:01	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12729	12681	12940	12784	1.08	cps
Antimony	121-1	375	300	458	378	20.97	cps
Arsenic	75-2	904	901	893	899	0.63	cps
Barium	135-1	5160	5234	5293	5229	1.28	cps
Barium	137-1	9645	9203	9987	9612	4.09	cps
Beryllium	9-1	140	132	158	143	9.29	cps
Bismuth	209-1	2171116	2175112	2192174	2179467	0.51	cps
Bismuth	209-2	1254501	1239726	1240390	1244873	0.67	cps
Boron	10-1	1050	908	992	983	7.26	cps
Boron	11-1	4970	4908	4828	4902	1.45	cps
Bromine	81-1	9082	9042	8531	8885	3.46	cps
Cadmium	111-1	1132	1198	1248	1193	4.87	cps
Cadmium	106-1	1608	1625	1750	1661	4.66	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	39792	40081	40573	40149	0.98	cps
Calcium	44-1	690703	694723	696476	693968	0.43	cps
Chromium	52-2	2474	2364	2447	2428	2.36	cps
Cobalt	59-2	1610	1430	1557	1532	6.03	cps
Copper	63-2	6695	6478	6432	6535	2.15	cps
Dysprosium	156-1	267	250	258	258	3.23	cps
Dysprosium	156-2	87	90	87	88	2.19	cps
Erbium	164-1	192	200	175	189	6.74	cps
Erbium	164-2	70	73	73	72	2.66	cps
Gadolinium	160-1	217	250	200	222	11.46	cps
Gadolinium	160-2	113	127	147	129	13.02	cps
Holmium	165-1	3839632	3840369	3873912	3851304	0.51	cps
Holmium	165-2	1847155	1784213	1827439	1819603	1.77	cps
Indium	115-1	3837644	3876262	3843631	3852512	0.54	cps
Indium	115-2	606067	597894	603884	602615	0.70	cps
Iron	54-2	88288	87136	87633	87686	0.66	cps
Iron	56-2	1607243	1576869	1589187	1591100	0.96	cps
Iron	57-2	40346	40346	39455	40049	1.29	cps
Krypton	83-1	1837	1787	2000	1875	5.95	cps
Lead	206-1	1545	1578	1711	1611	5.47	cps
Lead	207-1	1272	1272	1145	1230	6.00	cps
Lead	208-1	5840	6101	6184	6041	2.98	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-10	Instrumnet Name :	P8
Client Sample ID :	49-IW5678-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:25:01	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1558426	1562536	1537403	1552788	0.87	cps
Magnesium	24-2	43716	44184	43691	43864	0.63	cps
Manganese	55-2	26117	26314	25977	26136	0.65	cps
Molybdenum	94-1	1934	2117	2042	2031	4.54	cps
Molybdenum	95-1	375	350	358	361	3.53	cps
Molybdenum	96-1	825	750	633	736	13.12	cps
Molybdenum	97-1	275	275	233	261	9.21	cps
Molybdenum	98-1	742	558	592	631	15.49	cps
Neodymium	150-1	447	407	327	393	15.53	cps
Neodymium	150-2	123	123	103	117	9.90	cps
Nickel	60-2	950	1160	1053	1054	9.96	cps
Phosphorus	31-2	342	283	425	350	20.34	cps
Potassium	39-2	68513	66277	67809	67533	1.69	cps
Rhodium	103-1	3720615	3685433	3706600	3704216	0.48	cps
Rhodium	103-2	1681199	1691488	1714007	1695565	0.99	cps
Scandium	45-1	2681883	2670235	2650244	2667454	0.60	cps
Scandium	45-2	100428	99179	100330	99979	0.69	cps
Selenium	82-1	-6	32	-168	-47	-224.42	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	43	40	36	40	8.85	cps
Silicon	28-1	6343444	6365964	6284550	6331319	0.66	cps
Silver	109-1	142	192	150	161	16.63	cps
Silver	107-1	225	200	208	211	6.03	cps
Sodium	23-2	1870456	1894012	1829203	1864557	1.76	cps
Strontium	86-1	21985	21642	21300	21642	1.58	cps
Strontium	88-1	155441	155703	161509	157551	2.18	cps
Sulfur	34-1	545492	537795	545808	543032	0.84	cps
Terbium	159-1	4162427	4146571	4179478	4162826	0.40	cps
Terbium	159-2	1855710	1820021	1791824	1822518	1.76	cps
Thallium	203-1	83	142	125	117	25.75	cps
Thallium	205-1	167	192	158	172	10.07	cps
Tin	118-1	542	517	342	467	23.35	cps
Titanium	47-1	5493	5843	5543	5626	3.37	cps
Uranium	238-1	775	842	808	808	4.12	cps
Vanadium	51-2	840	873	933	882	5.36	cps
Yttrium	89-1	7440657	7228974	7410365	7359998	1.56	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-10	Instrumnet Name :	P8
Client Sample ID :	49-IW5678-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:25:01	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	813808	812286	815472	813855	0.20	cps
Zinc	66-2	10084	10334	10551	10323	2.26	cps
Zirconium	90-1	5335	5351	4843	5176	5.58	cps
Zirconium	91-1	1025	1275	1217	1172	11.16	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-11	Instrumnet Name :	P8
Client Sample ID :	49-FD02-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:27:53	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12575	12444	12535	12518	0.54	cps
Antimony	121-1	508	467	442	472	7.13	cps
Arsenic	75-2	904	960	876	913	4.68	cps
Barium	135-1	5743	5635	6035	5804	3.57	cps
Barium	137-1	9712	9445	9837	9665	2.07	cps
Beryllium	9-1	136	140	148	141	4.32	cps
Bismuth	209-1	2164436	2165405	2154409	2161417	0.28	cps
Bismuth	209-2	1256214	1256399	1153979	1222197	4.83	cps
Boron	10-1	812	856	852	840	2.90	cps
Boron	11-1	4082	4152	4054	4096	1.23	cps
Bromine	81-1	5977	6278	6228	6161	2.61	cps
Cadmium	111-1	1045	1098	1188	1110	6.55	cps
Cadmium	106-1	1467	1525	1625	1539	5.20	cps
Cadmium	108-1	46	17	17	26	63.80	cps
Calcium	43-1	40943	42724	42634	42100	2.38	cps
Calcium	44-1	713202	729066	726731	722999	1.18	cps
Chromium	52-2	2430	2634	2530	2531	4.02	cps
Cobalt	59-2	1500	1370	1543	1471	6.13	cps
Copper	63-2	6395	6478	6578	6484	1.42	cps
Dysprosium	156-1	267	292	217	258	14.78	cps
Dysprosium	156-2	63	83	80	76	14.18	cps
Erbium	164-1	217	233	175	208	14.42	cps
Erbium	164-2	93	107	97	99	7.02	cps
Gadolinium	160-1	158	208	275	214	27.37	cps
Gadolinium	160-2	70	107	70	82	25.75	cps
Holmium	165-1	3875350	3821512	3785525	3827462	1.18	cps
Holmium	165-2	1791163	1804550	1701432	1765715	3.18	cps
Indium	115-1	3943800	3820159	3806472	3856810	1.96	cps
Indium	115-2	605929	598843	558993	587922	4.30	cps
Iron	54-2	88505	89892	90160	89519	0.99	cps
Iron	56-2	1644587	1634430	1637960	1638992	0.31	cps
Iron	57-2	40235	41015	39884	40378	1.43	cps
Krypton	83-1	1837	1987	1763	1862	6.11	cps
Lead	206-1	1661	1600	1839	1700	7.30	cps
Lead	207-1	1272	1345	1200	1272	5.68	cps
Lead	208-1	6084	6312	6295	6230	2.04	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-11	Instrumnet Name :	P8
Client Sample ID :	49-FD02-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:27:53	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1555162	1580170	1569638	1568323	0.80	cps
Magnesium	24-2	43248	43181	44218	43549	1.33	cps
Manganese	55-2	26655	27363	27276	27098	1.43	cps
Molybdenum	94-1	2217	2217	2159	2197	1.53	cps
Molybdenum	95-1	508	458	458	475	6.08	cps
Molybdenum	96-1	808	817	650	758	12.38	cps
Molybdenum	97-1	275	225	233	244	10.96	cps
Molybdenum	98-1	767	633	558	653	16.17	cps
Neodymium	150-1	353	287	380	340	14.14	cps
Neodymium	150-2	87	150	117	118	26.90	cps
Nickel	60-2	1230	1150	1180	1187	3.41	cps
Phosphorus	31-2	342	308	292	314	8.11	cps
Potassium	39-2	68086	65490	68036	67204	2.21	cps
Rhodium	103-1	3761102	3760814	3751527	3757814	0.14	cps
Rhodium	103-2	1710851	1692989	1605414	1669751	3.38	cps
Scandium	45-1	2636258	2726331	2676255	2679615	1.68	cps
Scandium	45-2	100011	100519	93194	97908	4.18	cps
Selenium	82-1	-42	-136	-23	-67	-91.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	53	39	44	45	15.66	cps
Silicon	28-1	6151858	6184612	6088511	6141660	0.80	cps
Silver	109-1	100	92	83	92	9.09	cps
Silver	107-1	125	142	233	167	35.00	cps
Sodium	23-2	1917521	1877071	1894981	1896524	1.07	cps
Strontium	86-1	21834	21918	21976	21909	0.32	cps
Strontium	88-1	161940	164933	162741	163204	0.95	cps
Sulfur	34-1	550426	557740	553727	553964	0.66	cps
Terbium	159-1	4149160	4209960	4052664	4137261	1.92	cps
Terbium	159-2	1859816	1842176	1693807	1798600	5.07	cps
Thallium	203-1	92	117	67	92	27.27	cps
Thallium	205-1	250	233	258	247	5.15	cps
Tin	118-1	542	725	542	603	17.56	cps
Titanium	47-1	5443	5676	5526	5548	2.13	cps
Uranium	238-1	967	942	583	831	25.82	cps
Vanadium	51-2	907	933	923	921	1.46	cps
Yttrium	89-1	7422508	7495663	7418164	7445445	0.58	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-11	Instrumnet Name :	P8
Client Sample ID :	49-FD02-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:27:53	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	825572	815748	755584	798968	4.74	cps
Zinc	66-2	10674	10507	10160	10447	2.51	cps
Zirconium	90-1	4784	5401	5526	5237	7.58	cps
Zirconium	91-1	1042	1192	1125	1120	6.71	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-12	Instrumnet Name :	P8
Client Sample ID :	49-MW028-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:30:43	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358832	356540	358592	357988	0.35	cps
Antimony	121-1	6802	7044	7411	7085	4.33	cps
Arsenic	75-2	2419	2543	2520	2494	2.65	cps
Barium	135-1	237524	245462	241772	241586	1.64	cps
Barium	137-1	406167	420939	419677	415595	1.97	cps
Beryllium	9-1	804	738	744	762	4.79	cps
Bismuth	209-1	2104290	2058694	2088634	2083873	1.11	cps
Bismuth	209-2	1223940	1232284	1248497	1234907	1.01	cps
Boron	10-1	2414	2756	2698	2622	6.98	cps
Boron	11-1	12501	13045	13656	13067	4.42	cps
Bromine	81-1	16446	18531	21017	18665	12.26	cps
Cadmium	111-1	3227	2882	3199	3103	6.19	cps
Cadmium	106-1	2509	2342	2442	2431	3.45	cps
Cadmium	108-1	488	446	396	443	10.36	cps
Calcium	43-1	2905463	2996440	3002812	2968238	1.83	cps
Calcium	44-1	48674681	49567950	51160350	49800994	2.53	cps
Chromium	52-2	86272	86150	84769	85730	0.97	cps
Cobalt	59-2	11915	12109	11972	11998	0.83	cps
Copper	63-2	704134	704103	702077	703438	0.17	cps
Dysprosium	156-1	10196	10304	10021	10174	1.41	cps
Dysprosium	156-2	3787	3677	3931	3798	3.35	cps
Erbium	164-1	7244	8445	7819	7836	7.66	cps
Erbium	164-2	3667	3814	3694	3725	2.10	cps
Gadolinium	160-1	7752	8028	7944	7908	1.78	cps
Gadolinium	160-2	4648	4281	4417	4449	4.17	cps
Holmium	165-1	3934599	3888437	3940261	3921099	0.72	cps
Holmium	165-2	1872154	1869917	1930168	1890746	1.81	cps
Indium	115-1	3784955	3833056	3793821	3803944	0.67	cps
Indium	115-2	606682	602434	616912	608676	1.22	cps
Iron	54-2	1364328	1337180	1365380	1355629	1.18	cps
Iron	56-2	24677618	24197087	24206148	24360285	1.13	cps
Iron	57-2	610573	614121	610379	611691	0.34	cps
Krypton	83-1	1737	1880	1823	1813	3.98	cps
Lead	206-1	42297	44030	44013	43447	2.29	cps
Lead	207-1	34418	35872	34908	35066	2.11	cps
Lead	208-1	163213	168123	167998	166445	1.68	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-12	Instrumnet Name :	P8
Client Sample ID :	49-MW028-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:30:43	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1533554	1545519	1523994	1534356	0.70	cps
Magnesium	24-2	1438168	1423522	1439836	1433842	0.63	cps
Manganese	55-2	649059	643916	643090	645355	0.50	cps
Molybdenum	94-1	111991	112789	114402	113061	1.09	cps
Molybdenum	95-1	7744	7969	8103	7939	2.28	cps
Molybdenum	96-1	25307	26367	26276	25983	2.26	cps
Molybdenum	97-1	4584	4951	4859	4798	3.98	cps
Molybdenum	98-1	11689	12206	12523	12139	3.47	cps
Neodymium	150-1	12152	12206	12453	12270	1.31	cps
Neodymium	150-2	4094	4281	4304	4226	2.72	cps
Nickel	60-2	22611	22772	22902	22762	0.64	cps
Phosphorus	31-2	14366	15066	15450	14961	3.68	cps
Potassium	39-2	469366	472146	469511	470341	0.33	cps
Rhodium	103-1	3687840	3601630	3633677	3641049	1.20	cps
Rhodium	103-2	1690517	1669066	1706444	1688676	1.11	cps
Scandium	45-1	2743214	2674141	2735234	2717530	1.39	cps
Scandium	45-2	103583	103540	105571	104231	1.11	cps
Selenium	82-1	244	-81	130	97	169.28	cps
Selenium	77-2	13	27	17	19	36.75	cps
Selenium	78-2	69	70	69	69	0.83	cps
Silicon	28-1	56746980	58009403	57760760	57505714	1.16	cps
Silver	109-1	1050	1108	900	1020	10.54	cps
Silver	107-1	1250	1150	1250	1217	4.75	cps
Sodium	23-2	95216258	94402110	94276985	94631785	0.54	cps
Strontium	86-1	1851162	1906553	1904695	1887470	1.67	cps
Strontium	88-1	15656629	16137824	16016692	15937048	1.57	cps
Sulfur	34-1	603115	602233	602489	602612	0.08	cps
Terbium	159-1	4294744	4169143	4174736	4212874	1.68	cps
Terbium	159-2	1900932	1899025	1943210	1914389	1.30	cps
Thallium	203-1	475	583	533	531	10.22	cps
Thallium	205-1	1042	1175	1033	1083	7.34	cps
Tin	118-1	6952	7360	7677	7330	4.96	cps
Titanium	47-1	167194	171241	171206	169881	1.37	cps
Uranium	238-1	31740	33771	33186	32899	3.18	cps
Vanadium	51-2	36814	36389	36590	36598	0.58	cps
Yttrium	89-1	7514882	7492306	7484589	7497259	0.21	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-12	Instrumnet Name :	P8
Client Sample ID :	49-MW028-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:30:43	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	856778	848270	867722	857590	1.14	cps
Zinc	66-2	143986	142248	142518	142917	0.65	cps
Zirconium	90-1	289159	301384	299755	296766	2.24	cps
Zirconium	91-1	66367	67330	67103	66933	0.75	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-13	Instrumnet Name :	P8
Client Sample ID :	49-MW032-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:33:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5730	5934	5828	5831	1.75	cps
Antimony	121-1	183	442	417	347	41.03	cps
Arsenic	75-2	8867	8925	8774	8855	0.86	cps
Barium	135-1	105048	106476	109642	107055	2.20	cps
Barium	137-1	180196	179275	186135	181869	2.05	cps
Beryllium	9-1	160	132	130	141	11.92	cps
Bismuth	209-1	2032904	2052558	2127741	2071068	2.42	cps
Bismuth	209-2	1194951	1213683	1224728	1211121	1.24	cps
Boron	10-1	3084	3358	3554	3332	7.09	cps
Boron	11-1	15333	16004	17601	16312	7.14	cps
Bromine	81-1	77615	99027	114488	97043	19.08	cps
Cadmium	111-1	1113	1210	1195	1173	4.48	cps
Cadmium	106-1	1558	1692	1708	1653	4.97	cps
Cadmium	108-1	17	17	25	19	24.73	cps
Calcium	43-1	1348854	1366128	1391517	1368833	1.57	cps
Calcium	44-1	22558560	22149885	22931683	22546709	1.73	cps
Chromium	52-2	1473	1433	1467	1458	1.47	cps
Cobalt	59-2	6588	6535	6772	6632	1.87	cps
Copper	63-2	2527	2410	2907	2615	9.93	cps
Dysprosium	156-1	2759	2492	2900	2717	7.63	cps
Dysprosium	156-2	1167	1113	1310	1197	8.50	cps
Erbium	164-1	2409	2550	2775	2578	7.17	cps
Erbium	164-2	1223	1080	1263	1189	8.11	cps
Gadolinium	160-1	2475	2650	2717	2614	4.78	cps
Gadolinium	160-2	1533	1483	1527	1515	1.79	cps
Holmium	165-1	3798971	3760412	3886891	3815425	1.70	cps
Holmium	165-2	1864712	1833834	1883174	1860573	1.34	cps
Indium	115-1	3727043	3661128	3867947	3752039	2.82	cps
Indium	115-2	606011	606725	614889	609208	0.81	cps
Iron	54-2	581364	578966	580177	580169	0.21	cps
Iron	56-2	10464740	10443819	10671250	10526603	1.19	cps
Iron	57-2	260739	258973	266717	262143	1.55	cps
Krypton	83-1	1793	1753	1843	1797	2.51	cps
Lead	206-1	1483	1672	1395	1517	9.35	cps
Lead	207-1	1267	1356	1356	1326	3.87	cps
Lead	208-1	5773	6162	5873	5936	3.40	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-13	Instrumnet Name :	P8
Client Sample ID :	49-MW032-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:33:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1571290	1544630	1590326	1568749	1.46	cps
Magnesium	24-2	2645813	2649999	2669946	2655253	0.49	cps
Manganese	55-2	773787	777273	787105	779389	0.89	cps
Molybdenum	94-1	2442	2692	2925	2686	9.00	cps
Molybdenum	95-1	2559	2909	3009	2825	8.37	cps
Molybdenum	96-1	3275	3159	3217	3217	1.81	cps
Molybdenum	97-1	1700	1917	2017	1878	8.62	cps
Molybdenum	98-1	4584	4776	4676	4679	2.05	cps
Neodymium	150-1	3327	3414	3007	3249	6.59	cps
Neodymium	150-2	1107	927	1073	1036	9.25	cps
Nickel	60-2	2270	2030	2190	2164	5.65	cps
Phosphorus	31-2	1242	1292	1350	1295	4.19	cps
Potassium	39-2	646148	644321	644257	644909	0.17	cps
Rhodium	103-1	3577481	3565093	3643303	3595292	1.17	cps
Rhodium	103-2	1661483	1658782	1655937	1658734	0.17	cps
Scandium	45-1	2725337	2611927	2707417	2681561	2.27	cps
Scandium	45-2	100954	100673	103002	101543	1.25	cps
Selenium	82-1	88	115	42	82	45.16	cps
Selenium	77-2	3	17	20	13	66.16	cps
Selenium	78-2	57	37	65	53	27.22	cps
Silicon	28-1	15516700	15790562	16334401	15880554	2.62	cps
Silver	109-1	183	150	142	158	13.92	cps
Silver	107-1	133	158	250	181	34.02	cps
Sodium	23-2	91076790	92710219	90939473	91575494	1.08	cps
Strontium	86-1	1146776	1137750	1173600	1152708	1.62	cps
Strontium	88-1	9445346	9440182	9703250	9529593	1.58	cps
Sulfur	34-1	545842	548979	552546	549122	0.61	cps
Terbium	159-1	4169215	4114877	4243591	4175894	1.55	cps
Terbium	159-2	1871606	1880767	1884863	1879079	0.36	cps
Thallium	203-1	75	58	83	72	17.62	cps
Thallium	205-1	150	167	200	172	14.79	cps
Tin	118-1	500	517	375	464	16.69	cps
Titanium	47-1	21183	21625	21525	21444	1.08	cps
Uranium	238-1	16336	16144	17145	16542	3.21	cps
Vanadium	51-2	1207	1127	1177	1170	3.45	cps
Yttrium	89-1	7394371	7235292	7349731	7326465	1.12	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-13	Instrumnet Name :	P8
Client Sample ID :	49-MW032-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:33:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	834139	836799	844652	838530	0.65	cps
Zinc	66-2	1097	1230	1037	1121	8.83	cps
Zirconium	90-1	2709	2875	2684	2756	3.78	cps
Zirconium	91-1	667	608	708	661	7.60	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-14	Instrumnet Name :	P8
Client Sample ID :	49-FD01-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:36:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6768	6684	6754	6736	0.67	cps
Antimony	121-1	976	358	433	589	57.20	cps
Arsenic	75-2	9034	9057	9125	9072	0.52	cps
Barium	135-1	107677	109618	106661	107985	1.39	cps
Barium	137-1	189286	186474	181430	185730	2.14	cps
Beryllium	9-1	168	174	160	167	4.20	cps
Bismuth	209-1	2199243	2138416	2089707	2142455	2.56	cps
Bismuth	209-2	1261102	1259883	1241932	1254306	0.86	cps
Boron	10-1	3230	3438	3630	3432	5.83	cps
Boron	11-1	15992	17759	17731	17161	5.90	cps
Bromine	81-1	101176	114055	130056	115096	12.57	cps
Cadmium	111-1	1326	1314	1068	1236	11.78	cps
Cadmium	106-1	1859	1850	1467	1725	12.97	cps
Cadmium	108-1	42	21	13	25	60.10	cps
Calcium	43-1	1383630	1435668	1386475	1401924	2.09	cps
Calcium	44-1	23177256	23807442	23115284	23366661	1.64	cps
Chromium	52-2	1750	1737	1737	1741	0.44	cps
Cobalt	59-2	6945	6752	6872	6856	1.42	cps
Copper	63-2	2667	2870	2774	2770	3.67	cps
Dysprosium	156-1	2834	2967	2809	2870	2.97	cps
Dysprosium	156-2	1357	1333	1243	1311	4.56	cps
Erbium	164-1	2909	2925	2592	2809	6.69	cps
Erbium	164-2	1340	1310	1450	1367	5.39	cps
Gadolinium	160-1	2959	3017	2834	2937	3.19	cps
Gadolinium	160-2	1553	1643	1477	1558	5.36	cps
Holmium	165-1	4103554	3999042	3900103	4000900	2.54	cps
Holmium	165-2	1972100	1913990	1894019	1926703	2.11	cps
Indium	115-1	4023681	3952484	3867611	3947925	1.98	cps
Indium	115-2	639861	641640	635022	638841	0.54	cps
Iron	54-2	598476	598283	599370	598709	0.10	cps
Iron	56-2	10893386	10889314	10898488	10893730	0.04	cps
Iron	57-2	272719	272269	273477	272822	0.22	cps
Krypton	83-1	1823	1893	1797	1838	2.72	cps
Lead	206-1	1745	1628	1778	1717	4.59	cps
Lead	207-1	1417	1239	1239	1298	7.91	cps
Lead	208-1	7012	6145	5923	6360	9.05	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-14	Instrumnet Name :	P8
Client Sample ID :	49-FD01-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:36:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1617822	1625583	1613879	1619095	0.37	cps
Magnesium	24-2	2710672	2799375	2717468	2742505	1.80	cps
Manganese	55-2	806145	801217	787319	798227	1.22	cps
Molybdenum	94-1	3434	3084	3142	3220	5.83	cps
Molybdenum	95-1	3484	3292	3042	3273	6.77	cps
Molybdenum	96-1	3667	3867	3392	3642	6.55	cps
Molybdenum	97-1	1909	2000	1742	1884	6.95	cps
Molybdenum	98-1	5335	5743	4676	5251	10.25	cps
Neodymium	150-1	3601	3567	3381	3516	3.37	cps
Neodymium	150-2	1163	1263	1383	1270	8.67	cps
Nickel	60-2	2224	2270	2354	2282	2.89	cps
Phosphorus	31-2	1517	1550	1683	1583	5.57	cps
Potassium	39-2	670864	665775	666936	667858	0.40	cps
Rhodium	103-1	3861021	3736749	3691060	3762943	2.34	cps
Rhodium	103-2	1782599	1756160	1723766	1754175	1.68	cps
Scandium	45-1	2771591	2801886	2761791	2778423	0.75	cps
Scandium	45-2	106148	105634	103801	105194	1.17	cps
Selenium	82-1	-16	7	-4	-4	-253.58	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	56	60	60	59	3.94	cps
Silicon	28-1	16519532	16504231	16109872	16377878	1.42	cps
Silver	109-1	258	367	458	361	27.72	cps
Silver	107-1	325	392	417	378	12.54	cps
Sodium	23-2	94699221	95130265	94361427	94730304	0.41	cps
Strontium	86-1	1172332	1204568	1168978	1181959	1.66	cps
Strontium	88-1	9650186	10140762	9564958	9785302	3.18	cps
Sulfur	34-1	563831	564481	561895	563402	0.24	cps
Terbium	159-1	4446013	4336014	4237618	4339882	2.40	cps
Terbium	159-2	1951832	1939926	1912417	1934725	1.04	cps
Thallium	203-1	192	117	58	122	54.69	cps
Thallium	205-1	292	233	183	236	22.96	cps
Tin	118-1	400	342	275	339	18.46	cps
Titanium	47-1	42204	41878	42990	42358	1.35	cps
Uranium	238-1	16928	16444	16553	16642	1.53	cps
Vanadium	51-2	1727	1593	1577	1632	5.04	cps
Yttrium	89-1	7693261	7661126	7533063	7629150	1.11	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-14	Instrumnet Name :	P8
Client Sample ID :	49-FD01-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:36:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	879956	868822	862060	870279	1.04	cps
Zinc	66-2	1003	970	1087	1020	5.89	cps
Zirconium	90-1	3242	3534	3376	3384	4.32	cps
Zirconium	91-1	758	650	783	731	9.70	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-18 Instrumnet Name : P8
 Client Sample ID : 49-6665(SBR)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:39:11 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	497	524	511	511	2.57	cps
Antimony	121-1	150	150	283	194	39.59	cps
Arsenic	75-2	12930	13170	13151	13084	1.02	cps
Barium	135-1	112021	114490	118507	115006	2.85	cps
Barium	137-1	195085	198112	200191	197796	1.30	cps
Beryllium	9-1	116	114	108	113	3.70	cps
Bismuth	209-1	2143752	2106382	2036106	2095413	2.61	cps
Bismuth	209-2	1270260	1290977	1289474	1283570	0.90	cps
Boron	10-1	3146	3480	3494	3373	5.84	cps
Boron	11-1	15841	17305	17997	17048	6.46	cps
Bromine	81-1	104694	120676	134524	119965	12.44	cps
Cadmium	111-1	1215	1280	1211	1235	3.12	cps
Cadmium	106-1	1658	1725	1642	1675	2.63	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	1467505	1483715	1497742	1482987	1.02	cps
Calcium	44-1	24380947	24626196	24772421	24593188	0.80	cps
Chromium	52-2	727	707	790	741	5.87	cps
Cobalt	59-2	560	660	610	610	8.20	cps
Copper	63-2	1307	1217	1280	1268	3.65	cps
Dysprosium	156-1	108	92	58	86	29.56	cps
Dysprosium	156-2	57	30	40	42	31.91	cps
Erbium	164-1	125	83	75	94	28.36	cps
Erbium	164-2	50	70	23	48	49.01	cps
Gadolinium	160-1	75	150	83	103	40.00	cps
Gadolinium	160-2	60	87	40	62	37.63	cps
Holmium	165-1	4001361	3871791	3759873	3877675	3.12	cps
Holmium	165-2	1927506	1917386	1952724	1932539	0.94	cps
Indium	115-1	3944557	3833603	3782754	3853638	2.15	cps
Indium	115-2	631632	643516	646051	640399	1.20	cps
Iron	54-2	647360	654252	668031	656548	1.60	cps
Iron	56-2	11826912	11894826	12117381	11946373	1.27	cps
Iron	57-2	296081	297848	299663	297864	0.60	cps
Krypton	83-1	1933	1943	1933	1937	0.30	cps
Lead	206-1	211	283	294	263	17.21	cps
Lead	207-1	200	272	322	265	23.20	cps
Lead	208-1	922	1067	1128	1039	10.16	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-18	Instrumnet Name :	P8
Client Sample ID :	49-6665(SBR)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:39:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1596570	1659355	1537915	1597947	3.80	cps
Magnesium	24-2	2993298	3032057	3041514	3022290	0.85	cps
Manganese	55-2	1066458	1079675	1082541	1076225	0.80	cps
Molybdenum	94-1	2509	2317	2450	2425	4.05	cps
Molybdenum	95-1	3317	3817	4076	3737	10.32	cps
Molybdenum	96-1	3876	3884	4192	3984	4.53	cps
Molybdenum	97-1	2234	2425	2184	2281	5.59	cps
Molybdenum	98-1	5568	5768	5976	5771	3.54	cps
Neodymium	150-1	80	133	113	109	24.75	cps
Neodymium	150-2	43	17	27	29	46.62	cps
Nickel	60-2	393	417	337	382	10.76	cps
Phosphorus	31-2	333	342	433	369	15.02	cps
Potassium	39-2	673735	681373	688214	681107	1.06	cps
Rhodium	103-1	3720378	3713769	3520386	3651511	3.11	cps
Rhodium	103-2	1729022	1730366	1738464	1732617	0.29	cps
Scandium	45-1	2733652	2763373	2653562	2716862	2.09	cps
Scandium	45-2	102244	106004	106790	105012	2.31	cps
Selenium	82-1	-83	-30	-57	-56	-46.93	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	50	57	39	49	18.65	cps
Silicon	28-1	15732561	16152414	16311019	16065331	1.86	cps
Silver	109-1	400	375	567	447	23.30	cps
Silver	107-1	425	517	508	483	10.49	cps
Sodium	23-2	86511592	86923392	88520062	87318348	1.21	cps
Strontium	86-1	1189918	1222976	1237068	1216654	1.99	cps
Strontium	88-1	9872692	10102732	10345585	10107003	2.34	cps
Sulfur	34-1	568649	568919	566634	568068	0.22	cps
Terbium	159-1	4247791	4260787	4021929	4176836	3.22	cps
Terbium	159-2	1918078	1946261	1950274	1938204	0.91	cps
Thallium	203-1	25	58	75	53	48.24	cps
Thallium	205-1	100	100	150	117	24.74	cps
Tin	118-1	350	192	250	264	30.34	cps
Titanium	47-1	700	692	575	656	10.66	cps
Uranium	238-1	5135	5877	5518	5510	6.74	cps
Vanadium	51-2	143	130	150	141	7.22	cps
Yttrium	89-1	7442796	7460896	7231014	7378235	1.73	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-18	Instrumnet Name :	P8
Client Sample ID :	49-6665(SBR)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:39:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	854435	868251	868028	863571	0.92	cps
Zinc	66-2	877	780	937	864	9.14	cps
Zirconium	90-1	758	708	817	761	7.12	cps
Zirconium	91-1	233	217	258	236	8.88	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-19	Instrumnet Name :	P8
Client Sample ID :	49-5573(D)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:41:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1332	1385	1385	1367	2.22	cps
Antimony	121-1	392	492	425	436	11.68	cps
Arsenic	75-2	6349	6441	6359	6383	0.79	cps
Barium	135-1	128514	133824	130366	130901	2.06	cps
Barium	137-1	219002	224091	225811	222968	1.59	cps
Beryllium	9-1	112	110	106	109	2.79	cps
Bismuth	209-1	2029211	2051824	2104155	2061730	1.86	cps
Bismuth	209-2	1224871	1263972	1256386	1248410	1.66	cps
Boron	10-1	3510	3848	4062	3806	7.31	cps
Boron	11-1	17717	19491	20392	19200	7.09	cps
Bromine	81-1	113320	131180	147293	130598	13.01	cps
Cadmium	111-1	1202	1145	1168	1172	2.45	cps
Cadmium	106-1	1542	1542	1525	1536	0.63	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	1357332	1363394	1370611	1363779	0.49	cps
Calcium	44-1	22596302	22882928	22440776	22640002	0.99	cps
Chromium	52-2	1090	1140	1090	1107	2.61	cps
Cobalt	59-2	10144	10227	10300	10224	0.77	cps
Copper	63-2	2410	2440	2514	2455	2.17	cps
Dysprosium	156-1	333	367	442	381	14.58	cps
Dysprosium	156-2	180	167	207	184	11.04	cps
Erbium	164-1	325	392	425	381	13.38	cps
Erbium	164-2	147	163	150	153	5.75	cps
Gadolinium	160-1	333	358	417	369	11.58	cps
Gadolinium	160-2	183	173	177	178	2.86	cps
Holmium	165-1	3742041	3851874	3868879	3820931	1.80	cps
Holmium	165-2	1908208	1945082	1905665	1919652	1.15	cps
Indium	115-1	3701932	3865804	3849292	3805676	2.37	cps
Indium	115-2	622753	634274	623714	626914	1.02	cps
Iron	54-2	455546	465348	451440	457445	1.56	cps
Iron	56-2	8158436	8286089	8281502	8242009	0.88	cps
Iron	57-2	206191	209951	203976	206706	1.46	cps
Krypton	83-1	1903	2014	1850	1922	4.33	cps
Lead	206-1	728	772	744	748	3.00	cps
Lead	207-1	622	689	583	632	8.45	cps
Lead	208-1	2756	3011	2934	2900	4.52	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-19	Instrumnet Name :	P8
Client Sample ID :	49-5573(D)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:41:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1561082	1579595	1615354	1585344	1.74	cps
Magnesium	24-2	2213748	2218968	2202362	2211693	0.38	cps
Manganese	55-2	865655	875327	873014	871332	0.58	cps
Molybdenum	94-1	5351	5376	5801	5510	4.59	cps
Molybdenum	95-1	9028	8795	8828	8884	1.42	cps
Molybdenum	96-1	9387	8928	9562	9292	3.52	cps
Molybdenum	97-1	4834	5184	5268	5096	4.51	cps
Molybdenum	98-1	13791	13907	14608	14102	3.14	cps
Neodymium	150-1	373	393	400	389	3.57	cps
Neodymium	150-2	187	183	167	179	5.99	cps
Nickel	60-2	2804	3037	2874	2905	4.12	cps
Phosphorus	31-2	650	458	442	517	22.41	cps
Potassium	39-2	775275	781959	781165	779466	0.47	cps
Rhodium	103-1	3509845	3597038	3623627	3576837	1.66	cps
Rhodium	103-2	1660348	1703219	1713081	1692216	1.66	cps
Scandium	45-1	2651966	2653184	2687944	2664365	0.77	cps
Scandium	45-2	102818	103435	103361	103205	0.33	cps
Selenium	82-1	-93	-139	-38	-90	-56.45	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	45	59	43	49	17.80	cps
Silicon	28-1	12825440	13253940	13243766	13107716	1.87	cps
Silver	109-1	317	467	475	419	21.24	cps
Silver	107-1	425	483	533	481	11.28	cps
Sodium	23-2	83715737	83612225	82536060	83288007	0.78	cps
Strontium	86-1	1249630	1266462	1252990	1256360	0.71	cps
Strontium	88-1	10299728	10422494	10624686	10448969	1.57	cps
Sulfur	34-1	633068	628661	628239	629990	0.42	cps
Terbium	159-1	4147965	4134552	4203715	4162077	0.88	cps
Terbium	159-2	1905221	1970343	1886682	1920749	2.29	cps
Thallium	203-1	217	183	242	214	13.68	cps
Thallium	205-1	525	475	542	514	6.75	cps
Tin	118-1	250	375	308	311	20.10	cps
Titanium	47-1	1500	1517	1475	1497	1.40	cps
Uranium	238-1	12707	13015	12740	12821	1.32	cps
Vanadium	51-2	1097	1200	1233	1177	6.06	cps
Yttrium	89-1	7197267	7241002	7344120	7260796	1.04	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-19	Instrumnet Name :	P8
Client Sample ID :	49-5573(D)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:41:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	840122	857672	846156	847983	1.05	cps
Zinc	66-2	1257	1347	1323	1309	3.57	cps
Zirconium	90-1	1259	1208	1125	1197	5.63	cps
Zirconium	91-1	292	217	283	264	15.58	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-04	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:44:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224154	222045	220009	222069	0.93	cps
Antimony	121-1	1243007	1278891	1298136	1273345	2.20	cps
Arsenic	75-2	59519	58571	58535	58875	0.95	cps
Barium	135-1	1619196	1685652	1727667	1677505	3.26	cps
Barium	137-1	2870623	2854625	2938496	2887915	1.54	cps
Beryllium	9-1	347602	356319	359774	354565	1.77	cps
Bismuth	209-1	2026390	2039861	2083337	2049863	1.45	cps
Bismuth	209-2	1229920	1224723	1208640	1221094	0.91	cps
Boron	10-1	36189	39028	40076	38431	5.23	cps
Boron	11-1	178588	189663	196474	188241	4.80	cps
Bromine	81-1	146710	178115	194423	173083	14.01	cps
Cadmium	111-1	312620	321146	329987	321251	2.70	cps
Cadmium	106-1	34585	36632	36607	35942	3.27	cps
Cadmium	108-1	23491	24017	24885	24131	2.92	cps
Calcium	43-1	1227842	1218630	1253007	1233160	1.44	cps
Calcium	44-1	19948540	20281802	20832618	20354320	2.19	cps
Chromium	52-2	452923	445040	439624	445862	1.50	cps
Cobalt	59-2	769761	757556	755236	760851	1.03	cps
Copper	63-2	1123249	1115354	1094973	1111192	1.31	cps
Dysprosium	156-1	175	225	208	203	12.55	cps
Dysprosium	156-2	80	97	80	86	11.25	cps
Erbium	164-1	117	142	183	147	22.88	cps
Erbium	164-2	47	70	37	51	33.46	cps
Gadolinium	160-1	208	275	275	253	15.23	cps
Gadolinium	160-2	97	77	110	94	17.76	cps
Holmium	165-1	3899456	3879143	3968555	3915718	1.20	cps
Holmium	165-2	1917635	1891795	1843652	1884361	1.99	cps
Indium	115-1	3819611	3804557	3895741	3839970	1.27	cps
Indium	115-2	636402	637914	633037	635784	0.39	cps
Iron	54-2	1175427	1142740	1136616	1151594	1.81	cps
Iron	56-2	21005071	20747707	20522496	20758424	1.16	cps
Iron	57-2	527337	521576	514179	521031	1.27	cps
Krypton	83-1	1903	1877	1887	1889	0.71	cps
Lead	206-1	673524	692893	698329	688249	1.89	cps
Lead	207-1	594839	619589	623983	612803	2.56	cps
Lead	208-1	2685747	2794348	2818470	2766188	2.56	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-04	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:44:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1610982	1619778	1633281	1621347	0.69	cps
Magnesium	24-2	7256186	7203898	7029581	7163222	1.66	cps
Manganese	55-2	617873	611309	606555	611912	0.93	cps
Molybdenum	94-1	3017538	3149723	3241564	3136275	3.59	cps
Molybdenum	95-1	3677694	3821254	3869144	3789364	2.63	cps
Molybdenum	96-1	4008069	4207128	4273229	4162809	3.32	cps
Molybdenum	97-1	2325397	2383323	2391189	2366636	1.52	cps
Molybdenum	98-1	5931193	6056612	6225682	6071162	2.43	cps
Neodymium	150-1	227	253	220	233	7.56	cps
Neodymium	150-2	70	63	53	62	13.48	cps
Nickel	60-2	215270	212990	209916	212726	1.26	cps
Phosphorus	31-2	367	267	317	317	15.79	cps
Potassium	39-2	1607138	1569407	1560517	1579021	1.57	cps
Rhodium	103-1	3551365	3637236	3606765	3598456	1.21	cps
Rhodium	103-2	1668068	1662802	1641002	1657291	0.87	cps
Scandium	45-1	2711883	2724287	2743242	2726471	0.58	cps
Scandium	45-2	105282	106209	105010	105500	0.60	cps
Selenium	82-1	22950	23481	23603	23345	1.49	cps
Selenium	77-2	860	747	680	762	11.94	cps
Selenium	78-2	2677	2502	2585	2588	3.36	cps
Silicon	28-1	4633587	4758654	4854447	4748896	2.33	cps
Silver	109-1	1438159	1470828	1484945	1464644	1.64	cps
Silver	107-1	1509481	1540488	1566529	1538833	1.86	cps
Sodium	23-2	340496899	336650374	338785916	338644396	0.57	cps
Strontium	86-1	886036	918420	933164	912540	2.64	cps
Strontium	88-1	7404090	7668434	7824637	7632387	2.79	cps
Sulfur	34-1	765760	766556	772158	768158	0.45	cps
Terbium	159-1	4197688	4147657	4266634	4203993	1.42	cps
Terbium	159-2	1888552	1885154	1871316	1881674	0.49	cps
Thallium	203-1	847823	868929	887465	868072	2.28	cps
Thallium	205-1	2027518	2056071	2062883	2048824	0.92	cps
Tin	118-1	1043932	1083960	1104772	1077555	2.87	cps
Titanium	47-1	1079718	1135650	1133894	1116420	2.85	cps
Uranium	238-1	2476150	2548753	2550025	2524976	1.67	cps
Vanadium	51-2	385334	380203	378791	381443	0.90	cps
Yttrium	89-1	7470044	7530990	7669584	7556873	1.35	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-04	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:44:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	854246	856013	848033	852764	0.49	cps
Zinc	66-2	160164	157693	157059	158306	1.04	cps
Zirconium	90-1	2477548	2527938	2629491	2544992	3.04	cps
Zirconium	91-1	554982	571146	589559	571895	3.03	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-05 Instrumnet Name : P8
 Client Sample ID : 49-IW5677-121220MSD Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:47:38 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217683	214928	217490	216701	0.71	cps
Antimony	121-1	1236377	1291455	1286031	1271288	2.39	cps
Arsenic	75-2	58220	57115	58503	57946	1.27	cps
Barium	135-1	1640707	1692363	1684053	1672374	1.66	cps
Barium	137-1	2782669	2885724	2855790	2841394	1.87	cps
Beryllium	9-1	344417	359164	358316	353966	2.34	cps
Bismuth	209-1	2029891	2057311	2014189	2033797	1.07	cps
Bismuth	209-2	1197522	1175995	1190992	1188170	0.93	cps
Boron	10-1	37947	40345	41726	40006	4.78	cps
Boron	11-1	183512	196573	199904	193330	4.48	cps
Bromine	81-1	160432	190346	210065	186948	13.37	cps
Cadmium	111-1	316791	326712	325160	322888	1.65	cps
Cadmium	106-1	35680	36365	35697	35914	1.09	cps
Cadmium	108-1	23266	24334	24580	24060	2.90	cps
Calcium	43-1	1209730	1244285	1221289	1225101	1.44	cps
Calcium	44-1	19995512	20647853	20829546	20490971	2.14	cps
Chromium	52-2	441128	431573	440038	437580	1.20	cps
Cobalt	59-2	750166	736470	749896	745511	1.05	cps
Copper	63-2	1093367	1074129	1094073	1087189	1.04	cps
Dysprosium	156-1	133	283	242	219	35.28	cps
Dysprosium	156-2	57	63	97	72	29.67	cps
Erbium	164-1	108	100	100	103	4.68	cps
Erbium	164-2	60	53	53	56	6.93	cps
Gadolinium	160-1	158	258	225	214	23.80	cps
Gadolinium	160-2	123	137	80	113	26.14	cps
Holmium	165-1	3765553	3837151	3793488	3798731	0.95	cps
Holmium	165-2	1874040	1806674	1855111	1845275	1.88	cps
Indium	115-1	3805062	3817365	3788994	3803807	0.37	cps
Indium	115-2	614869	610288	615349	613502	0.46	cps
Iron	54-2	1134541	1126543	1133763	1131616	0.39	cps
Iron	56-2	20784995	20328153	20376144	20496430	1.22	cps
Iron	57-2	516697	504678	510934	510770	1.18	cps
Krypton	83-1	1833	2017	1910	1920	4.80	cps
Lead	206-1	665091	692661	668836	675529	2.21	cps
Lead	207-1	597135	619623	605592	607450	1.87	cps
Lead	208-1	2712981	2794670	2735137	2747596	1.54	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-05 Instrumnet Name : P8
 Client Sample ID : 49-IW5677-121220MSD Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 16:47:38 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1734922	1740883	1717110	1730971	0.71	cps
Magnesium	24-2	7099976	6980672	7013076	7031241	0.88	cps
Manganese	55-2	604219	593016	600757	599330	0.96	cps
Molybdenum	94-1	2991631	3138348	3091626	3073868	2.44	cps
Molybdenum	95-1	3628747	3844238	3811419	3761468	3.09	cps
Molybdenum	96-1	4103597	4265997	4177396	4182330	1.94	cps
Molybdenum	97-1	2298405	2355413	2392395	2348738	2.02	cps
Molybdenum	98-1	5999553	6090209	6053244	6047669	0.75	cps
Neodymium	150-1	220	207	247	224	9.07	cps
Neodymium	150-2	67	60	83	70	17.17	cps
Nickel	60-2	208144	205678	207149	206990	0.60	cps
Phosphorus	31-2	233	275	250	253	8.30	cps
Potassium	39-2	1534827	1542439	1559041	1545436	0.80	cps
Rhodium	103-1	3564991	3505812	3525521	3532108	0.85	cps
Rhodium	103-2	1612230	1574611	1605217	1597353	1.25	cps
Scandium	45-1	2685242	2717735	2722775	2708584	0.75	cps
Scandium	45-2	101351	102203	102727	102094	0.68	cps
Selenium	82-1	23319	23673	23660	23551	0.85	cps
Selenium	77-2	763	723	737	741	2.75	cps
Selenium	78-2	2522	2430	2538	2497	2.33	cps
Silicon	28-1	4702090	4768332	4790763	4753729	0.97	cps
Silver	109-1	1430520	1492337	1472355	1465070	2.15	cps
Silver	107-1	1502156	1594723	1531888	1542922	3.06	cps
Sodium	23-2	331791357	329739099	332837124	331455860	0.48	cps
Strontium	86-1	884519	936240	912761	911174	2.84	cps
Strontium	88-1	7451843	7869073	7578271	7633062	2.80	cps
Sulfur	34-1	764116	766214	768397	766242	0.28	cps
Terbium	159-1	4124090	4182718	4073679	4126829	1.32	cps
Terbium	159-2	1865804	1835859	1836578	1846081	0.93	cps
Thallium	203-1	843699	873919	867299	861639	1.84	cps
Thallium	205-1	1998663	2079687	2016530	2031627	2.10	cps
Tin	118-1	1053353	1093207	1062287	1069616	1.96	cps
Titanium	47-1	1077817	1122144	1119903	1106621	2.26	cps
Uranium	238-1	2448148	2542897	2477248	2489431	1.95	cps
Vanadium	51-2	376748	370341	372859	373316	0.86	cps
Yttrium	89-1	7235819	7293013	7308497	7279110	0.53	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-05	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 16:47:38	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	828629	816036	820704	821790	0.77	cps
Zinc	66-2	156440	153612	156061	155371	0.99	cps
Zirconium	90-1	2452779	2551036	2538186	2514000	2.12	cps
Zirconium	91-1	556663	580154	575437	570751	2.18	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:02:47	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1107627	1095624	1089733	1097661	0.83	cps
Antimony	121-1	1624744	1651126	1659753	1645207	1.11	cps
Arsenic	75-2	60463	59797	59847	60036	0.62	cps
Barium	135-1	1687044	1722838	1750486	1720123	1.85	cps
Barium	137-1	2890383	2896349	2963664	2916799	1.40	cps
Beryllium	9-1	393538	398276	406854	399556	1.69	cps
Bismuth	209-1	2062317	2112168	2096611	2090365	1.22	cps
Bismuth	209-2	1201075	1197938	1196985	1198666	0.18	cps
Boron	10-1	27570	31046	33545	30721	9.77	cps
Boron	11-1	131860	150834	162138	148277	10.32	cps
Bromine	81-1	6498	6729	6328	6518	3.08	cps
Cadmium	111-1	356260	360706	363733	360233	1.04	cps
Cadmium	106-1	38780	39248	40853	39627	2.74	cps
Cadmium	108-1	26759	26926	27348	27011	1.12	cps
Calcium	43-1	2070859	2086851	2101324	2086345	0.73	cps
Calcium	44-1	34541224	34696469	35407021	34881571	1.32	cps
Chromium	52-2	483213	481649	477573	480811	0.61	cps
Cobalt	59-2	826675	816175	819311	820720	0.66	cps
Copper	63-2	5735533	5784413	5745540	5755162	0.45	cps
Dysprosium	156-1	292	283	292	289	1.67	cps
Dysprosium	156-2	167	177	150	164	8.19	cps
Erbium	164-1	33	50	92	58	51.51	cps
Erbium	164-2	23	37	17	26	39.85	cps
Gadolinium	160-1	350	392	425	389	9.66	cps
Gadolinium	160-2	197	167	190	184	8.54	cps
Holmium	165-1	3787736	3720704	3937007	3815149	2.90	cps
Holmium	165-2	1863566	1836890	1829172	1843209	0.98	cps
Indium	115-1	3722208	3656484	3690542	3689745	0.89	cps
Indium	115-2	592026	585318	585227	587524	0.66	cps
Iron	54-2	4894750	4880225	4978137	4917704	1.07	cps
Iron	56-2	89278635	87152416	89106499	88512517	1.33	cps
Iron	57-2	2274878	2237152	2247892	2253308	0.86	cps
Krypton	83-1	1870	1667	1723	1753	5.99	cps
Lead	206-1	4102359	4129544	4208691	4146865	1.33	cps
Lead	207-1	3693513	3721007	3773115	3729212	1.08	cps
Lead	208-1	16507345	16777184	16857806	16714112	1.10	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:02:47	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1607729	1619705	1646365	1624600	1.22	cps
Magnesium	24-2	16578346	16273680	16371763	16407930	0.95	cps
Manganese	55-2	2340890	2307091	2334139	2327373	0.77	cps
Molybdenum	94-1	3194715	3255937	3314938	3255197	1.85	cps
Molybdenum	95-1	3901338	3989142	4004711	3965063	1.41	cps
Molybdenum	96-1	4274129	4396865	4410332	4360442	1.72	cps
Molybdenum	97-1	2372577	2427414	2454873	2418288	1.73	cps
Molybdenum	98-1	6213215	6269366	6303320	6261967	0.73	cps
Neodymium	150-1	60	73	80	71	14.32	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	218581	217468	217504	217851	0.29	cps
Phosphorus	31-2	15534	16159	15567	15753	2.23	cps
Potassium	39-2	6685075	6620877	6611368	6639107	0.60	cps
Rhodium	103-1	3613730	3533113	3540282	3562375	1.25	cps
Rhodium	103-2	1662106	1634441	1618677	1638408	1.34	cps
Scandium	45-1	2609169	2646632	2662703	2639502	1.04	cps
Scandium	45-2	100972	99401	99602	99992	0.85	cps
Selenium	82-1	25294	26304	26516	26038	2.51	cps
Selenium	77-2	860	843	753	819	7.01	cps
Selenium	78-2	2856	2838	2774	2822	1.53	cps
Silicon	28-1	2340930	2496143	2571796	2469623	4.77	cps
Silver	109-1	1745753	1743729	1737123	1742201	0.26	cps
Silver	107-1	1795727	1833254	1844863	1824615	1.41	cps
Sodium	23-2	36900756	36288935	36124834	36438175	1.12	cps
Strontium	86-1	521514	526413	535132	527686	1.31	cps
Strontium	88-1	4420381	4493237	4517800	4477140	1.13	cps
Sulfur	34-1	694322	700420	699452	698065	0.47	cps
Terbium	159-1	4160219	4082838	4167043	4136700	1.13	cps
Terbium	159-2	1832015	1834343	1845364	1837241	0.39	cps
Thallium	203-1	942542	958513	986660	962572	2.32	cps
Thallium	205-1	2253948	2245591	2349765	2283101	2.54	cps
Tin	118-1	1147769	1163662	1180141	1163857	1.39	cps
Titanium	47-1	1155470	1192567	1202782	1183606	2.10	cps
Uranium	238-1	2759283	2827551	2834791	2807208	1.48	cps
Vanadium	51-2	409032	403017	403469	405173	0.83	cps
Yttrium	89-1	7325840	7178065	7369196	7291034	1.37	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:02:47	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	815727	814425	808734	812962	0.46	cps
Zinc	66-2	792832	780055	788167	787018	0.82	cps
Zirconium	90-1	2666605	2700898	2805194	2724232	2.65	cps
Zirconium	91-1	595656	618016	622961	612211	2.38	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:07:59 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	424	386	364	391	7.75	cps
Antimony	121-1	308	367	283	319	13.39	cps
Arsenic	75-2	8	6	6	7	17.32	cps
Barium	135-1	250	200	233	228	11.18	cps
Barium	137-1	367	475	367	403	15.53	cps
Beryllium	9-1	252	256	232	247	5.21	cps
Bismuth	209-1	2081505	2062618	2076846	2073656	0.47	cps
Bismuth	209-2	1216494	1171932	1192172	1193533	1.87	cps
Boron	10-1	1938	1888	1822	1882	3.09	cps
Boron	11-1	9343	9001	8869	9071	2.70	cps
Bromine	81-1	5286	5186	5226	5233	0.96	cps
Cadmium	111-1	1103	1275	1219	1199	7.32	cps
Cadmium	106-1	1550	1742	1667	1653	5.84	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	539	496	445	493	9.52	cps
Calcium	44-1	20332	19818	19289	19813	2.63	cps
Chromium	52-2	627	533	543	568	9.03	cps
Cobalt	59-2	133	90	103	109	20.39	cps
Copper	63-2	1437	1273	1137	1282	11.71	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	0	58	33	31	95.79	cps
Gadolinium	160-2	17	7	23	16	53.90	cps
Holmium	165-1	3607887	3594081	3659783	3620584	0.96	cps
Holmium	165-2	1771670	1722809	1746516	1746998	1.40	cps
Indium	115-1	3606075	3641141	3733853	3660356	1.80	cps
Indium	115-2	578940	569366	570881	573062	0.90	cps
Iron	54-2	889	733	578	733	21.21	cps
Iron	56-2	9548	7674	6418	7880	19.99	cps
Iron	57-2	289	250	217	252	14.35	cps
Krypton	83-1	1707	2000	1893	1867	7.95	cps
Lead	206-1	817	794	711	774	7.19	cps
Lead	207-1	750	678	533	654	16.88	cps
Lead	208-1	3150	2967	2572	2896	10.19	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:07:59 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1537476	1552882	1589416	1559925	1.71	cps
Magnesium	24-2	2100	1825	1300	1742	23.34	cps
Manganese	55-2	353	313	260	309	15.16	cps
Molybdenum	94-1	542	483	358	461	20.31	cps
Molybdenum	95-1	542	475	458	492	8.97	cps
Molybdenum	96-1	692	533	517	581	16.64	cps
Molybdenum	97-1	433	375	242	350	28.07	cps
Molybdenum	98-1	892	825	567	761	22.55	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	130	103	117	117	11.43	cps
Phosphorus	31-2	133	225	208	189	25.85	cps
Potassium	39-2	31260	31093	31619	31324	0.86	cps
Rhodium	103-1	3512167	3499677	3534384	3515409	0.50	cps
Rhodium	103-2	1646857	1599699	1644428	1630328	1.63	cps
Scandium	45-1	2478611	2492484	2524697	2498597	0.95	cps
Scandium	45-2	94531	93552	94441	94175	0.57	cps
Selenium	82-1	112	-215	-159	-87	-200.19	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	43	43	52	46	11.31	cps
Silicon	28-1	1301010	1302240	1294768	1299340	0.31	cps
Silver	109-1	458	417	358	411	12.22	cps
Silver	107-1	492	400	383	425	13.73	cps
Sodium	23-2	98724	94808	95613	96382	2.15	cps
Strontium	86-1	3092	3109	2900	3034	3.82	cps
Strontium	88-1	850	717	775	781	8.56	cps
Sulfur	34-1	554580	547932	548667	550393	0.66	cps
Terbium	159-1	4022689	3889395	3934502	3948862	1.72	cps
Terbium	159-2	1777625	1711324	1753453	1747467	1.92	cps
Thallium	203-1	317	225	225	256	20.71	cps
Thallium	205-1	817	567	508	631	25.98	cps
Tin	118-1	325	242	267	278	15.39	cps
Titanium	47-1	450	400	467	439	7.90	cps
Uranium	238-1	292	358	275	308	14.30	cps
Vanadium	51-2	47	20	20	29	53.30	cps
Yttrium	89-1	6880804	6842794	6970824	6898141	0.95	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:07:59	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	780699	763956	769404	771353	1.11	cps
Zinc	66-2	267	250	333	283	15.56	cps
Zirconium	90-1	558	550	500	536	5.89	cps
Zirconium	91-1	133	150	108	131	16.06	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-03A Instrumnet Name : P8
 Client Sample ID : 49-IW5677-121220A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:14:45 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221291	221737	221043	221357	0.16	cps
Antimony	121-1	1220742	1241115	1248816	1236891	1.17	cps
Arsenic	75-2	57979	58561	58230	58257	0.50	cps
Barium	135-1	1582159	1639349	1645985	1622498	2.16	cps
Barium	137-1	2731485	2857308	2851184	2813326	2.52	cps
Beryllium	9-1	341481	352307	351581	348456	1.74	cps
Bismuth	209-1	1955741	1951515	1869748	1925668	2.52	cps
Bismuth	209-2	1154714	1189449	1212994	1185719	2.47	cps
Boron	10-1	35099	38350	39403	37617	5.96	cps
Boron	11-1	169465	184077	190992	181511	6.06	cps
Bromine	81-1	112162	147728	165509	141800	19.16	cps
Cadmium	111-1	309632	317227	318021	314960	1.47	cps
Cadmium	106-1	33876	35363	35078	34772	2.27	cps
Cadmium	108-1	23211	23403	23741	23452	1.14	cps
Calcium	43-1	1171335	1197592	1225488	1198138	2.26	cps
Calcium	44-1	19601836	19843410	20321424	19922223	1.84	cps
Chromium	52-2	445569	443170	447587	445442	0.50	cps
Cobalt	59-2	750019	752192	758962	753724	0.62	cps
Copper	63-2	1101827	1094541	1108456	1101608	0.63	cps
Dysprosium	156-1	142	233	225	200	25.35	cps
Dysprosium	156-2	90	87	97	91	5.59	cps
Erbium	164-1	100	150	167	139	24.98	cps
Erbium	164-2	60	73	60	64	11.94	cps
Gadolinium	160-1	150	208	133	164	24.03	cps
Gadolinium	160-2	77	103	87	89	15.15	cps
Holmium	165-1	3701433	3677651	3544450	3641178	2.32	cps
Holmium	165-2	1804490	1873334	1859067	1845631	1.97	cps
Indium	115-1	3592998	3569200	3350462	3504220	3.82	cps
Indium	115-2	589621	609883	618424	605976	2.44	cps
Iron	54-2	1148978	1146517	1157755	1151083	0.51	cps
Iron	56-2	20619908	20605956	20923848	20716571	0.87	cps
Iron	57-2	513512	516666	520976	517052	0.72	cps
Krypton	83-1	1840	1984	1937	1920	3.81	cps
Lead	206-1	648530	669446	669132	662369	1.81	cps
Lead	207-1	585692	605239	608184	599705	2.04	cps
Lead	208-1	2633984	2716949	2726515	2692483	1.89	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03A	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:14:45	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1529130	1539181	1515408	1527906	0.78	cps
Magnesium	24-2	7128535	7253299	7185426	7189087	0.87	cps
Manganese	55-2	609028	610379	608295	609234	0.17	cps
Molybdenum	94-1	2917574	3022012	3058009	2999198	2.43	cps
Molybdenum	95-1	3581994	3687737	3806934	3692222	3.05	cps
Molybdenum	96-1	3980266	4075328	4173491	4076361	2.37	cps
Molybdenum	97-1	2185516	2301863	2325655	2271011	3.30	cps
Molybdenum	98-1	5679482	5923195	5924053	5842243	2.41	cps
Neodymium	150-1	200	253	200	218	14.14	cps
Neodymium	150-2	57	57	67	60	9.62	cps
Nickel	60-2	209770	208834	210156	209587	0.32	cps
Phosphorus	31-2	258	325	242	275	16.03	cps
Potassium	39-2	1585287	1568947	1588214	1580816	0.66	cps
Rhodium	103-1	3400910	3462512	3215001	3359474	3.84	cps
Rhodium	103-2	1592085	1627914	1653992	1624664	1.91	cps
Scandium	45-1	2663375	2630183	2457752	2583770	4.27	cps
Scandium	45-2	99910	101633	103781	101775	1.91	cps
Selenium	82-1	22327	22722	23062	22704	1.62	cps
Selenium	77-2	750	767	853	790	7.02	cps
Selenium	78-2	2526	2502	2574	2534	1.43	cps
Silicon	28-1	4531706	4775184	4732117	4679669	2.78	cps
Silver	109-1	1319037	1408614	1424277	1383976	4.10	cps
Silver	107-1	1433849	1494617	1472378	1466948	2.10	cps
Sodium	23-2	335033999	338334874	340289391	337886088	0.79	cps
Strontium	86-1	871051	893873	898821	887915	1.67	cps
Strontium	88-1	7351646	7488026	7607214	7482295	1.71	cps
Sulfur	34-1	744541	773308	767338	761729	1.99	cps
Terbium	159-1	4070113	4034473	3789243	3964610	3.86	cps
Terbium	159-2	1789164	1875834	1923775	1862925	3.66	cps
Thallium	203-1	820404	848509	857044	841985	2.28	cps
Thallium	205-1	1904990	2007860	2008154	1973668	3.01	cps
Tin	118-1	1027121	1067028	1052795	1048981	1.93	cps
Titanium	47-1	1066005	1107255	1086128	1086463	1.90	cps
Uranium	238-1	2418042	2449737	2490307	2452695	1.48	cps
Vanadium	51-2	379229	378117	380716	379354	0.34	cps
Yttrium	89-1	7204408	7268382	6755505	7076098	3.95	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-03A	Instrumnet Name :	P8
Client Sample ID :	49-IW5677-121220A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:14:45	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	806314	827306	838758	824126	2.00	cps
Zinc	66-2	157579	156719	156173	156824	0.45	cps
Zirconium	90-1	2432534	2505581	2551919	2496678	2.41	cps
Zirconium	91-1	538744	558260	564421	553808	2.42	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : PB133718BL Instrumnet Name : P8
 Client Sample ID : PB133718BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:23:13 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	410	360	360	377	7.66	cps
Antimony	121-1	192	183	175	183	4.55	cps
Arsenic	75-2	9	9	6	8	21.65	cps
Barium	135-1	92	108	42	81	43.07	cps
Barium	137-1	150	133	83	122	28.39	cps
Beryllium	9-1	192	188	184	188	2.13	cps
Bismuth	209-1	2019260	2077608	2105158	2067342	2.12	cps
Bismuth	209-2	1214553	1225278	1216889	1218907	0.46	cps
Boron	10-1	972	1032	966	990	3.69	cps
Boron	11-1	5098	4856	4686	4880	4.24	cps
Bromine	81-1	7680	7359	7129	7390	3.74	cps
Cadmium	111-1	1057	1023	1046	1042	1.69	cps
Cadmium	106-1	1475	1442	1500	1472	1.99	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	259	251	259	256	1.69	cps
Calcium	44-1	16197	16011	15972	16060	0.75	cps
Chromium	52-2	543	553	517	538	3.52	cps
Cobalt	59-2	107	93	60	87	27.74	cps
Copper	63-2	760	943	840	848	10.84	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	3576411	3755020	3724640	3685357	2.59	cps
Holmium	165-2	1809693	1845459	1780847	1812000	1.79	cps
Indium	115-1	3614113	3764885	3725395	3701464	2.11	cps
Indium	115-2	601094	600091	591148	597444	0.92	cps
Iron	54-2	506	517	439	487	8.64	cps
Iron	56-2	4001	3778	3978	3919	3.12	cps
Iron	57-2	94	89	172	119	39.31	cps
Krypton	83-1	1690	1920	1790	1800	6.41	cps
Lead	206-1	217	183	233	211	12.06	cps
Lead	207-1	200	194	178	191	6.06	cps
Lead	208-1	961	894	817	891	8.12	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : PB133718BL Instrumnet Name : P8
 Client Sample ID : PB133718BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:23:13 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1535813	1524214	1547454	1535827	0.76	cps
Magnesium	24-2	1042	1150	1283	1158	10.45	cps
Manganese	55-2	200	153	160	171	14.75	cps
Molybdenum	94-1	200	183	250	211	16.43	cps
Molybdenum	95-1	150	167	142	153	8.33	cps
Molybdenum	96-1	142	258	83	161	55.31	cps
Molybdenum	97-1	75	75	42	64	30.12	cps
Molybdenum	98-1	267	242	208	239	12.25	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	80	80	117	92	22.96	cps
Phosphorus	31-2	208	158	167	178	15.07	cps
Potassium	39-2	32612	32429	32947	32663	0.80	cps
Rhodium	103-1	3461733	3604833	3687077	3584548	3.18	cps
Rhodium	103-2	1699018	1693267	1667487	1686591	1.00	cps
Scandium	45-1	2434583	2584685	2609674	2542980	3.72	cps
Scandium	45-2	98847	100025	98702	99191	0.73	cps
Selenium	82-1	172	-16	15	57	177.45	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	63	43	38	48	27.57	cps
Silicon	28-1	1289527	1292353	1275783	1285888	0.69	cps
Silver	109-1	425	325	417	389	14.27	cps
Silver	107-1	467	433	442	447	3.88	cps
Sodium	23-2	113464	112171	108703	111446	2.21	cps
Strontium	86-1	2834	2917	2642	2798	5.04	cps
Strontium	88-1	342	392	342	358	8.06	cps
Sulfur	34-1	550930	547071	550782	549594	0.40	cps
Terbium	159-1	3879584	4101156	4059416	4013385	2.93	cps
Terbium	159-2	1862629	1832974	1824043	1839882	1.10	cps
Thallium	203-1	67	92	83	81	15.80	cps
Thallium	205-1	208	208	225	214	4.50	cps
Tin	118-1	200	200	158	186	12.93	cps
Titanium	47-1	425	392	442	419	6.07	cps
Uranium	238-1	83	58	50	64	27.15	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	7001808	7089048	7008669	7033175	0.69	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BL	Instrumnet Name :	P8
Client Sample ID :	PB133718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:23:13	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	815244	808427	798325	807332	1.05	cps
Zinc	66-2	280	207	217	234	16.96	cps
Zirconium	90-1	242	250	225	239	5.33	cps
Zirconium	91-1	100	108	117	108	7.69	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : PB133718BS Instrumnet Name : P8
 Client Sample ID : PB133718BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:28:57 DataFile Name : 046LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225768	224190	225131	225030	0.35	cps
Antimony	121-1	1623677	1650116	1670368	1648054	1.42	cps
Arsenic	75-2	59793	59675	60487	59985	0.73	cps
Barium	135-1	1652870	1705450	1699103	1685808	1.70	cps
Barium	137-1	2843824	2922541	2896084	2887483	1.39	cps
Beryllium	9-1	375576	387982	388171	383910	1.88	cps
Bismuth	209-1	2069838	2122532	2140800	2111057	1.75	cps
Bismuth	209-2	1217927	1247155	1204462	1223181	1.78	cps
Boron	10-1	22869	26647	29017	26178	11.84	cps
Boron	11-1	110955	131878	142047	128293	12.36	cps
Bromine	81-1	5216	4996	5747	5320	7.26	cps
Cadmium	111-1	357766	366347	365517	363210	1.30	cps
Cadmium	106-1	39022	40159	40602	39928	2.04	cps
Cadmium	108-1	26171	26755	27356	26761	2.21	cps
Calcium	43-1	413477	425152	425627	421419	1.63	cps
Calcium	44-1	6961571	7109633	7068496	7046567	1.08	cps
Chromium	52-2	481038	475233	484673	480314	0.99	cps
Cobalt	59-2	822057	824229	822997	823094	0.13	cps
Copper	63-2	5819014	5954269	5905475	5892919	1.16	cps
Dysprosium	156-1	58	33	75	56	37.75	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	50	58	50	53	9.11	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	50	58	33	47	26.96	cps
Gadolinium	160-2	7	20	20	16	49.47	cps
Holmium	165-1	3782595	3836990	3784230	3801272	0.81	cps
Holmium	165-2	1860775	1848309	1781547	1830210	2.33	cps
Indium	115-1	3646268	3755193	3765953	3722471	1.78	cps
Indium	115-2	592882	608937	579208	593675	2.51	cps
Iron	54-2	1008754	1005690	1012863	1009102	0.36	cps
Iron	56-2	18133569	18000880	18082087	18072178	0.37	cps
Iron	57-2	448500	450275	453118	450631	0.52	cps
Krypton	83-1	1683	1853	1873	1803	5.79	cps
Lead	206-1	3980514	4134117	4137094	4083908	2.19	cps
Lead	207-1	3651425	3726943	3749072	3709147	1.38	cps
Lead	208-1	16194595	16535121	16542539	16424085	1.21	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BS	Instrumnet Name :	P8
Client Sample ID :	PB133718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:28:57	DataFile Name :	046LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1496770	1523702	1524842	1515104	1.05	cps
Magnesium	24-2	3385393	3421694	3330986	3379358	1.35	cps
Manganese	55-2	2309844	2341535	2315729	2322369	0.73	cps
Molybdenum	94-1	3151055	3183055	3255128	3196413	1.67	cps
Molybdenum	95-1	3798141	3872796	3919261	3863399	1.58	cps
Molybdenum	96-1	4218988	4300084	4351335	4290136	1.56	cps
Molybdenum	97-1	2382759	2403382	2474449	2420197	1.99	cps
Molybdenum	98-1	5991377	6237567	6223237	6150727	2.25	cps
Neodymium	150-1	113	153	60	109	43.00	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	221530	220479	220874	220961	0.24	cps
Phosphorus	31-2	14608	14816	14941	14788	1.14	cps
Potassium	39-2	1394753	1403756	1390846	1396452	0.47	cps
Rhodium	103-1	3561347	3641998	3692839	3632061	1.83	cps
Rhodium	103-2	1705392	1730404	1619146	1684981	3.46	cps
Scandium	45-1	2594904	2641536	2670613	2635684	1.45	cps
Scandium	45-2	100670	101864	97615	100050	2.19	cps
Selenium	82-1	25084	26095	25834	25671	2.04	cps
Selenium	77-2	833	803	787	808	2.93	cps
Selenium	78-2	2848	2846	2739	2811	2.22	cps
Silicon	28-1	2159052	2174701	2196963	2176905	0.88	cps
Silver	109-1	1726240	1776758	1794575	1765858	2.01	cps
Silver	107-1	1829730	1855546	1852588	1845955	0.77	cps
Sodium	23-2	6676898	6673153	6602603	6650885	0.63	cps
Strontium	86-1	515637	526811	529309	523919	1.39	cps
Strontium	88-1	4327097	4428095	4435074	4396755	1.37	cps
Sulfur	34-1	693796	701146	696203	697048	0.54	cps
Terbium	159-1	4017730	4087273	4109483	4071495	1.18	cps
Terbium	159-2	1816159	1866479	1802305	1828314	1.85	cps
Thallium	203-1	931267	966548	960817	952878	1.99	cps
Thallium	205-1	2202610	2295020	2266136	2254589	2.10	cps
Tin	118-1	1155921	1151142	1175463	1160842	1.11	cps
Titanium	47-1	1128197	1176931	1164907	1156678	2.19	cps
Uranium	238-1	2634532	2715504	2739994	2696677	2.05	cps
Vanadium	51-2	396255	397790	398747	397597	0.32	cps
Yttrium	89-1	7293458	7327304	7213408	7278057	0.80	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	PB133718BS	Instrumnet Name :	P8
Client Sample ID :	PB133718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:28:57	DataFile Name :	046LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	815734	829411	796138	813761	2.06	cps
Zinc	66-2	802106	801419	805375	802967	0.26	cps
Zirconium	90-1	2657429	2741103	2713038	2703857	1.57	cps
Zirconium	91-1	589761	603567	597818	597048	1.16	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5094-17DLX5	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320DL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:31:45	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	646	1727	997	63.46	cps
Antimony	121-1	1650	1392	1333	1458	11.56	cps
Arsenic	75-2	3416	3423	3357	3398	1.07	cps
Barium	135-1	72612	74061	74958	73877	1.60	cps
Barium	137-1	125629	126101	127649	126460	0.84	cps
Beryllium	9-1	450	498	404	451	10.43	cps
Bismuth	209-1	2123149	2086992	2134545	2114895	1.17	cps
Bismuth	209-2	1249610	1203021	1266018	1239550	2.64	cps
Boron	10-1	4800	4388	4044	4410	8.58	cps
Boron	11-1	23134	21119	19493	21249	8.58	cps
Bromine	81-1	18642	22050	24196	21629	12.95	cps
Cadmium	111-1	1265	1321	1381	1322	4.40	cps
Cadmium	106-1	1525	1608	1658	1597	4.22	cps
Cadmium	108-1	33	25	13	24	44.41	cps
Calcium	43-1	132337	135398	136079	134605	1.48	cps
Calcium	44-1	2201387	2352228	2293749	2282455	3.33	cps
Chromium	52-2	763	730	1034	842	19.76	cps
Cobalt	59-2	4024	4167	4578	4256	6.75	cps
Copper	63-2	3580	2824	3749	3384	14.56	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	20	3	17	13	66.16	cps
Erbium	164-1	58	33	33	42	34.64	cps
Erbium	164-2	27	7	10	14	74.18	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	3831327	3720596	3847326	3799750	1.82	cps
Holmium	165-2	1859800	1801239	1875216	1845419	2.11	cps
Indium	115-1	3841203	3766874	3822815	3810297	1.02	cps
Indium	115-2	613178	595850	616681	608570	1.83	cps
Iron	54-2	343347	340520	342341	342069	0.42	cps
Iron	56-2	6286524	6275902	6262191	6274872	0.19	cps
Iron	57-2	157448	154684	156752	156295	0.92	cps
Krypton	83-1	1923	1827	1743	1831	4.92	cps
Lead	206-1	2839	2773	2417	2676	8.48	cps
Lead	207-1	2384	2145	2034	2187	8.18	cps
Lead	208-1	11202	10313	9379	10298	8.85	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5094-17DLX5	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320DL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:31:45	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1537016	1513107	1541210	1530444	0.99	cps
Magnesium	24-2	210657	209059	238432	219383	7.53	cps
Manganese	55-2	1047794	1051008	1040853	1046552	0.50	cps
Molybdenum	94-1	3059	2884	2342	2761	13.53	cps
Molybdenum	95-1	3651	3442	3467	3520	3.23	cps
Molybdenum	96-1	4101	4801	3459	4120	16.29	cps
Molybdenum	97-1	2350	2434	2284	2356	3.19	cps
Molybdenum	98-1	5735	5668	5518	5640	1.97	cps
Neodymium	150-1	47	27	20	31	44.61	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	257	187	287	243	21.09	cps
Phosphorus	31-2	267	183	242	231	18.55	cps
Potassium	39-2	91531	91062	96906	93166	3.49	cps
Rhodium	103-1	3698635	3622170	3652912	3657906	1.05	cps
Rhodium	103-2	1747251	1697972	1721483	1722235	1.43	cps
Scandium	45-1	2609254	2667057	2657692	2644667	1.17	cps
Scandium	45-2	100079	98847	102292	100406	1.74	cps
Selenium	82-1	-64	19	88	14	536.87	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	57	47	61	55	13.12	cps
Silicon	28-1	3132433	3165246	3104548	3134076	0.97	cps
Silver	109-1	1292	933	992	1072	17.93	cps
Silver	107-1	1300	1267	967	1178	15.59	cps
Sodium	23-2	16532149	16481233	16816276	16609886	1.09	cps
Strontium	86-1	117601	121541	120684	119942	1.73	cps
Strontium	88-1	981166	1006983	1001006	996385	1.36	cps
Sulfur	34-1	543947	540528	546959	543811	0.59	cps
Terbium	159-1	4110713	4159929	4164256	4144966	0.72	cps
Terbium	159-2	1859858	1811241	1899053	1856717	2.37	cps
Thallium	203-1	808	692	733	744	7.94	cps
Thallium	205-1	1934	2000	1375	1770	19.40	cps
Tin	118-1	892	1025	842	920	10.31	cps
Titanium	47-1	1400	1100	1117	1206	13.99	cps
Uranium	238-1	1734	1650	1517	1633	6.69	cps
Vanadium	51-2	283	237	450	323	34.69	cps
Yttrium	89-1	7388727	7327123	7264943	7326931	0.84	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5094-17DLX5	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320DL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:31:45	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	836914	810439	827917	825090	1.63	cps
Zinc	66-2	617	530	683	610	12.61	cps
Zirconium	90-1	2059	1967	1950	1992	2.93	cps
Zirconium	91-1	392	442	475	436	9.62	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:34:35 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1179	1145	1174	1166	1.56	cps
Antimony	121-1	242	358	333	311	19.74	cps
Arsenic	75-2	2328	2391	2371	2364	1.36	cps
Barium	135-1	174767	178524	177840	177044	1.13	cps
Barium	137-1	304642	300179	304935	303252	0.88	cps
Beryllium	9-1	238	232	184	218	13.58	cps
Bismuth	209-1	2122657	2115531	2127523	2121904	0.28	cps
Bismuth	209-2	1231141	1228234	1236452	1231942	0.34	cps
Boron	10-1	3574	3878	4132	3861	7.24	cps
Boron	11-1	17837	19119	19881	18946	5.45	cps
Bromine	81-1	49638	61486	70387	60504	17.20	cps
Cadmium	111-1	1236	1082	1141	1153	6.75	cps
Cadmium	106-1	1717	1492	1592	1600	7.05	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Calcium	43-1	926048	932383	942067	933499	0.86	cps
Calcium	44-1	15237770	15697797	15883756	15606441	2.13	cps
Chromium	52-2	1017	873	893	928	8.37	cps
Cobalt	59-2	1177	1153	1117	1149	2.63	cps
Copper	63-2	1227	1320	1220	1256	4.45	cps
Dysprosium	156-1	50	58	100	69	38.57	cps
Dysprosium	156-2	30	40	27	32	21.53	cps
Erbium	164-1	50	75	83	69	24.98	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	58	92	50	67	33.08	cps
Gadolinium	160-2	27	53	23	34	47.73	cps
Holmium	165-1	3870946	3887897	3921171	3893338	0.66	cps
Holmium	165-2	1835419	1835474	1871463	1847452	1.13	cps
Indium	115-1	3812532	3791849	3858519	3820967	0.89	cps
Indium	115-2	605231	605121	611161	607171	0.57	cps
Iron	54-2	109555	108772	107747	108691	0.83	cps
Iron	56-2	1971406	1987994	2033807	1997736	1.62	cps
Iron	57-2	50255	49112	49302	49556	1.24	cps
Krypton	83-1	1853	1680	1900	1811	6.40	cps
Lead	206-1	489	372	394	419	14.80	cps
Lead	207-1	383	422	394	400	5.01	cps
Lead	208-1	1778	1706	1617	1700	4.75	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:34:35 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1554378	1569188	1568184	1563917	0.53	cps
Magnesium	24-2	2455168	2497382	2451600	2468050	1.03	cps
Manganese	55-2	499763	502819	500451	501011	0.32	cps
Molybdenum	94-1	600	725	550	625	14.42	cps
Molybdenum	95-1	683	842	817	781	10.91	cps
Molybdenum	96-1	925	875	933	911	3.46	cps
Molybdenum	97-1	558	567	492	539	7.63	cps
Molybdenum	98-1	1500	1308	1192	1333	11.68	cps
Neodymium	150-1	93	47	107	82	38.32	cps
Neodymium	150-2	33	23	33	30	19.25	cps
Nickel	60-2	940	873	1017	943	7.60	cps
Phosphorus	31-2	192	142	292	208	36.66	cps
Potassium	39-2	581577	588009	589538	586375	0.72	cps
Rhodium	103-1	3684874	3686586	3751798	3707752	1.03	cps
Rhodium	103-2	1679106	1646748	1701249	1675701	1.64	cps
Scandium	45-1	2678733	2703330	2748968	2710343	1.31	cps
Scandium	45-2	102942	102065	102908	102639	0.48	cps
Selenium	82-1	-88	232	-63	27	656.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	44	42	51	46	10.36	cps
Silicon	28-1	17397823	17386290	17703717	17495943	1.03	cps
Silver	109-1	175	292	200	222	27.64	cps
Silver	107-1	308	292	267	289	7.26	cps
Sodium	23-2	41515407	42011137	41539034	41688526	0.67	cps
Strontium	86-1	870623	881550	870241	874138	0.73	cps
Strontium	88-1	7351270	7353869	7292404	7332514	0.47	cps
Sulfur	34-1	605642	609695	604118	606485	0.48	cps
Terbium	159-1	4235718	4147567	4170935	4184740	1.09	cps
Terbium	159-2	1861179	1825130	1871288	1852533	1.31	cps
Thallium	203-1	92	92	100	94	5.09	cps
Thallium	205-1	250	133	217	200	30.05	cps
Tin	118-1	833	1100	933	956	14.10	cps
Titanium	47-1	1367	1308	1433	1370	4.57	cps
Uranium	238-1	2392	2384	2342	2373	1.13	cps
Vanadium	51-2	130	77	100	102	26.15	cps
Yttrium	89-1	7529081	7439818	7344647	7437849	1.24	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:34:35	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	826554	812701	839749	826335	1.64	cps
Zinc	66-2	930	890	1037	952	7.96	cps
Zirconium	90-1	433	500	567	500	13.33	cps
Zirconium	91-1	183	92	142	139	33.05	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15DUP Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:37:23 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1151	1160	1095	1135	3.11	cps
Antimony	121-1	183	175	283	214	28.18	cps
Arsenic	75-2	2490	2448	2385	2441	2.17	cps
Barium	135-1	180151	184822	180423	181799	1.44	cps
Barium	137-1	304595	313303	311045	309648	1.46	cps
Beryllium	9-1	172	162	138	157	11.11	cps
Bismuth	209-1	2215615	1623577	2057771	1965655	15.60	cps
Bismuth	209-2	1273925	1247298	1252708	1257977	1.12	cps
Boron	10-1	3242	3500	3524	3422	4.57	cps
Boron	11-1	16050	17281	17699	17010	5.04	cps
Bromine	81-1	60552	71896	80531	70993	14.11	cps
Cadmium	111-1	1227	925	1070	1074	14.07	cps
Cadmium	106-1	1742	1317	1533	1531	13.89	cps
Cadmium	108-1	13	25	17	18	35.25	cps
Calcium	43-1	931674	961609	953628	948971	1.63	cps
Calcium	44-1	15498412	16061954	15830917	15797095	1.79	cps
Chromium	52-2	760	770	790	773	1.98	cps
Cobalt	59-2	1263	1190	1147	1200	4.91	cps
Copper	63-2	1133	1070	1097	1100	2.89	cps
Dysprosium	156-1	83	167	58	103	55.19	cps
Dysprosium	156-2	20	20	17	19	10.18	cps
Erbium	164-1	108	83	50	81	36.33	cps
Erbium	164-2	47	33	30	37	24.06	cps
Gadolinium	160-1	117	75	108	100	22.05	cps
Gadolinium	160-2	30	37	43	37	18.18	cps
Holmium	165-1	4021728	3031796	3719805	3591109	14.13	cps
Holmium	165-2	1866475	1884824	1895832	1882377	0.79	cps
Indium	115-1	3954291	2975780	3670424	3533498	14.25	cps
Indium	115-2	621512	617339	616731	618527	0.42	cps
Iron	54-2	110031	111834	109734	110533	1.03	cps
Iron	56-2	2020374	2048950	2032617	2033980	0.70	cps
Iron	57-2	49681	50049	50757	50162	1.09	cps
Krypton	83-1	1677	1843	1807	1776	4.93	cps
Lead	206-1	344	367	322	344	6.45	cps
Lead	207-1	394	278	294	322	19.58	cps
Lead	208-1	1450	1422	1378	1417	2.57	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15DUP Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:37:23 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1618188	1284933	1560821	1487981	11.97	cps
Magnesium	24-2	2573892	2544728	2491557	2536726	1.65	cps
Manganese	55-2	511185	514755	501461	509134	1.35	cps
Molybdenum	94-1	625	642	533	600	9.72	cps
Molybdenum	95-1	742	683	675	700	5.19	cps
Molybdenum	96-1	725	833	700	753	9.42	cps
Molybdenum	97-1	475	333	508	439	21.17	cps
Molybdenum	98-1	1342	1067	1083	1164	13.25	cps
Neodymium	150-1	100	160	60	107	47.19	cps
Neodymium	150-2	23	33	20	26	27.15	cps
Nickel	60-2	897	897	797	863	6.69	cps
Phosphorus	31-2	217	208	200	208	4.00	cps
Potassium	39-2	592502	595341	584320	590721	0.97	cps
Rhodium	103-1	3786099	2813781	3492458	3364112	14.82	cps
Rhodium	103-2	1689505	1678174	1715878	1694519	1.14	cps
Scandium	45-1	2722733	2063612	2558086	2448144	14.01	cps
Scandium	45-2	103459	102818	102388	102888	0.52	cps
Selenium	82-1	164	132	48	115	52.49	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	54	38	46	46	17.40	cps
Silicon	28-1	17542981	18021321	17840842	17801714	1.36	cps
Silver	109-1	233	308	300	281	14.65	cps
Silver	107-1	275	367	383	342	17.07	cps
Sodium	23-2	42336729	42922561	42177519	42478936	0.92	cps
Strontium	86-1	874570	899295	901610	891825	1.68	cps
Strontium	88-1	7354048	7512083	7539179	7468437	1.34	cps
Sulfur	34-1	615357	609801	609394	611517	0.54	cps
Terbium	159-1	4303161	3243865	3984297	3843775	14.14	cps
Terbium	159-2	1957786	1918057	1905529	1927124	1.42	cps
Thallium	203-1	67	83	75	75	11.11	cps
Thallium	205-1	150	192	92	144	34.77	cps
Tin	118-1	758	783	683	742	7.02	cps
Titanium	47-1	1333	1258	1367	1320	4.20	cps
Uranium	238-1	2009	2192	2284	2161	6.48	cps
Vanadium	51-2	107	90	100	99	8.48	cps
Yttrium	89-1	7687765	5643796	7143774	6825112	15.51	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15DUP	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:37:23	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	846966	842621	843099	844228	0.28	cps
Zinc	66-2	1090	1123	1170	1128	3.56	cps
Zirconium	90-1	492	342	500	444	20.05	cps
Zirconium	91-1	125	108	133	122	10.41	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15LX5 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 5
 Date & Time Acquired :: 2020-12-24 17:40:14 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	526	546	537	537	1.87	cps
Antimony	121-1	108	167	142	139	21.07	cps
Arsenic	75-2	445	438	429	437	1.83	cps
Barium	135-1	32490	32832	33592	32971	1.71	cps
Barium	137-1	54435	55431	56560	55476	1.92	cps
Beryllium	9-1	166	154	170	163	5.10	cps
Bismuth	209-1	2019786	2108343	2126101	2084743	2.73	cps
Bismuth	209-2	1228148	1225268	1239224	1230880	0.60	cps
Boron	10-1	1588	1468	1424	1493	5.68	cps
Boron	11-1	7214	7404	7208	7276	1.53	cps
Bromine	81-1	28498	29742	29942	29394	2.66	cps
Cadmium	111-1	1112	1023	1019	1051	4.99	cps
Cadmium	106-1	1575	1442	1475	1497	4.63	cps
Cadmium	108-1	17	17	25	19	24.73	cps
Calcium	43-1	171793	174145	175019	173652	0.96	cps
Calcium	44-1	2889449	3030622	2934711	2951594	2.44	cps
Chromium	52-2	610	583	637	610	4.37	cps
Cobalt	59-2	257	250	257	254	1.51	cps
Copper	63-2	1107	963	1047	1039	6.93	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	67	17	25	36	74.18	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	3747955	3704993	3788814	3747254	1.12	cps
Holmium	165-2	1828951	1855886	1815476	1833438	1.12	cps
Indium	115-1	3628606	3700344	3771401	3700117	1.93	cps
Indium	115-2	598076	598933	609077	602028	1.02	cps
Iron	54-2	21166	20765	20615	20849	1.37	cps
Iron	56-2	371420	371550	370452	371141	0.16	cps
Iron	57-2	9159	9009	9086	9085	0.83	cps
Krypton	83-1	2054	2024	1953	2010	2.55	cps
Lead	206-1	228	167	228	207	17.01	cps
Lead	207-1	294	150	222	222	32.50	cps
Lead	208-1	944	850	850	882	6.19	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15LX5 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 5
 Date & Time Acquired :: 2020-12-24 17:40:14 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1550916	1520334	1508797	1526682	1.43	cps
Magnesium	24-2	462907	468310	463643	464953	0.63	cps
Manganese	55-2	94115	92980	93778	93625	0.62	cps
Molybdenum	94-1	142	183	217	181	20.81	cps
Molybdenum	95-1	225	125	200	183	28.39	cps
Molybdenum	96-1	192	150	167	169	12.37	cps
Molybdenum	97-1	58	133	75	89	44.31	cps
Molybdenum	98-1	258	267	233	253	6.86	cps
Neodymium	150-1	47	33	33	38	20.39	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	270	287	257	271	5.54	cps
Phosphorus	31-2	233	175	142	183	25.31	cps
Potassium	39-2	136727	135691	135028	135815	0.63	cps
Rhodium	103-1	3563533	3672435	3603715	3613228	1.52	cps
Rhodium	103-2	1669043	1675649	1694387	1679693	0.78	cps
Scandium	45-1	2636594	2660281	2607154	2634677	1.01	cps
Scandium	45-2	99937	99914	101630	100494	0.98	cps
Selenium	82-1	17	8	38	21	74.82	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	46	42	44	44	4.55	cps
Silicon	28-1	4213199	4215589	4238099	4222295	0.33	cps
Silver	109-1	300	333	283	306	8.33	cps
Silver	107-1	350	267	308	308	13.51	cps
Sodium	23-2	7997104	7854894	7925515	7925838	0.90	cps
Strontium	86-1	163870	164991	166743	165201	0.88	cps
Strontium	88-1	1350531	1391485	1431906	1391307	2.92	cps
Sulfur	34-1	562633	561828	557315	560592	0.51	cps
Terbium	159-1	4030508	4051832	4110496	4064279	1.02	cps
Terbium	159-2	1822696	1848236	1838239	1836390	0.70	cps
Thallium	203-1	75	50	33	53	39.74	cps
Thallium	205-1	92	75	125	97	26.19	cps
Tin	118-1	325	233	217	258	22.58	cps
Titanium	47-1	567	633	650	617	7.15	cps
Uranium	238-1	467	475	400	447	9.19	cps
Vanadium	51-2	17	20	40	26	49.38	cps
Yttrium	89-1	7143396	7186506	7324063	7217988	1.31	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15LX5	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 17:40:14	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	811457	812724	823023	815735	0.78	cps
Zinc	66-2	367	340	343	350	4.15	cps
Zirconium	90-1	300	275	317	297	7.06	cps
Zirconium	91-1	42	108	25	58	75.59	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-16	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:43:02	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	211790	213461	212801	212684	0.40	cps
Antimony	121-1	1506933	1533146	1479345	1506475	1.79	cps
Arsenic	75-2	58678	59669	59267	59205	0.84	cps
Barium	135-1	1806541	1833318	1758325	1799395	2.11	cps
Barium	137-1	3056835	3159238	3061407	3092493	1.87	cps
Beryllium	9-1	360168	372718	358575	363820	2.13	cps
Bismuth	209-1	2177280	2199474	2124782	2167179	1.77	cps
Bismuth	209-2	1243387	1257570	1252161	1251040	0.57	cps
Boron	10-1	32812	35796	36201	34936	5.30	cps
Boron	11-1	159756	175354	178180	171097	5.80	cps
Bromine	81-1	50301	61708	69482	60497	15.95	cps
Cadmium	111-1	333062	344557	333398	337006	1.94	cps
Cadmium	106-1	36583	37343	36014	36647	1.82	cps
Cadmium	108-1	25148	25111	24443	24900	1.59	cps
Calcium	43-1	1710130	1807925	1675154	1731070	3.98	cps
Calcium	44-1	27942855	29810574	28550495	28767975	3.31	cps
Chromium	52-2	436474	441817	438345	438879	0.62	cps
Cobalt	59-2	741648	754270	750155	748691	0.86	cps
Copper	63-2	1093643	1096935	1100976	1097185	0.33	cps
Dysprosium	156-1	142	242	150	178	31.21	cps
Dysprosium	156-2	63	93	110	89	26.61	cps
Erbium	164-1	75	142	108	108	30.77	cps
Erbium	164-2	37	20	70	42	60.29	cps
Gadolinium	160-1	108	192	233	178	35.80	cps
Gadolinium	160-2	127	113	83	108	20.60	cps
Holmium	165-1	4030015	4036846	3952233	4006365	1.17	cps
Holmium	165-2	1850491	1923712	1865465	1879889	2.06	cps
Indium	115-1	3917888	3921362	3779843	3873031	2.08	cps
Indium	115-2	604108	611684	607522	607771	0.62	cps
Iron	54-2	1031375	1048169	1036401	1038648	0.83	cps
Iron	56-2	18334977	18934743	18548455	18606059	1.63	cps
Iron	57-2	461858	472834	461649	465447	1.37	cps
Krypton	83-1	1743	1857	1680	1760	5.09	cps
Lead	206-1	707176	722981	704088	711415	1.42	cps
Lead	207-1	635320	647902	627189	636804	1.64	cps
Lead	208-1	2862369	2905554	2849225	2872383	1.03	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-16 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:43:02 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1555194	1544933	1546032	1548720	0.36	cps
Magnesium	24-2	8636671	8739709	8523330	8633237	1.25	cps
Manganese	55-2	907513	915553	915569	912878	0.51	cps
Molybdenum	94-1	3070986	3150881	2997580	3073149	2.49	cps
Molybdenum	95-1	3803683	3852150	3743219	3799684	1.44	cps
Molybdenum	96-1	4184741	4284173	4143293	4204069	1.72	cps
Molybdenum	97-1	2338974	2384143	2315215	2346110	1.49	cps
Molybdenum	98-1	6053665	6149291	5989174	6064043	1.33	cps
Neodymium	150-1	133	153	153	147	7.87	cps
Neodymium	150-2	20	33	30	28	24.98	cps
Nickel	60-2	206869	211127	210900	209632	1.14	cps
Phosphorus	31-2	267	250	225	247	8.48	cps
Potassium	39-2	1835471	1844874	1852453	1844266	0.46	cps
Rhodium	103-1	3820772	3858191	3666114	3781692	2.69	cps
Rhodium	103-2	1683607	1701845	1705301	1696918	0.69	cps
Scandium	45-1	2751726	2788138	2656348	2732070	2.49	cps
Scandium	45-2	101404	104154	102348	102635	1.36	cps
Selenium	82-1	23641	24873	24028	24181	2.61	cps
Selenium	77-2	780	757	797	778	2.58	cps
Selenium	78-2	2518	2639	2532	2563	2.56	cps
Silicon	28-1	17596579	18248131	17114173	17652961	3.22	cps
Silver	109-1	1256925	1231871	1581009	1356601	14.36	cps
Silver	107-1	1297755	1315137	1293745	1302212	0.87	cps
Sodium	23-2	51353363	52176992	51739264	51756539	0.80	cps
Strontium	86-1	1331213	1364615	1308231	1334686	2.12	cps
Strontium	88-1	11042309	11752858	11016209	11270458	3.71	cps
Sulfur	34-1	619068	622308	605651	615676	1.43	cps
Terbium	159-1	4408635	4323615	4187352	4306534	2.59	cps
Terbium	159-2	1865328	1887661	1929096	1894028	1.71	cps
Thallium	203-1	890111	926185	895384	903893	2.16	cps
Thallium	205-1	2150759	2175603	2099673	2142012	1.81	cps
Tin	118-1	1095571	1117312	1087261	1100048	1.41	cps
Titanium	47-1	1102263	1134488	1093440	1110064	1.95	cps
Uranium	238-1	2574926	2633503	2589089	2599173	1.18	cps
Vanadium	51-2	368294	373094	371743	371044	0.67	cps
Yttrium	89-1	7577424	7921859	7431640	7643641	3.29	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-16	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:43:02	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	827747	845232	843277	838752	1.14	cps
Zinc	66-2	148300	150458	148977	149245	0.74	cps
Zirconium	90-1	2534529	2634284	2508797	2559203	2.59	cps
Zirconium	91-1	562966	590404	563096	572155	2.76	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-17 Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:45:52 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217385	218261	218742	218129	0.32	cps
Antimony	121-1	1054564	1076943	1082982	1071496	1.40	cps
Arsenic	75-2	44336	44211	44481	44343	0.30	cps
Barium	135-1	1775867	1817084	1835229	1809393	1.68	cps
Barium	137-1	3075756	3075297	3125121	3092058	0.93	cps
Beryllium	9-1	259914	262947	267007	263289	1.35	cps
Bismuth	209-1	2063271	2120200	2134619	2106030	1.79	cps
Bismuth	209-2	1243641	1242153	1271843	1252545	1.34	cps
Boron	10-1	35313	37374	39260	37316	5.29	cps
Boron	11-1	170344	182083	190773	181066	5.66	cps
Bromine	81-1	62111	70991	79957	71020	12.56	cps
Cadmium	111-1	239609	245226	243713	242850	1.20	cps
Cadmium	106-1	26868	27854	27336	27353	1.80	cps
Cadmium	108-1	17528	18220	17933	17894	1.94	cps
Calcium	43-1	1778392	1741515	1749463	1756457	1.10	cps
Calcium	44-1	29075889	28982980	28966130	29008333	0.20	cps
Chromium	52-2	320210	320600	320941	320584	0.11	cps
Cobalt	59-2	552305	550103	551635	551348	0.20	cps
Copper	63-2	1124428	1123205	1123230	1123621	0.06	cps
Dysprosium	156-1	200	208	242	217	10.17	cps
Dysprosium	156-2	87	113	113	104	14.74	cps
Erbium	164-1	58	133	33	75	69.39	cps
Erbium	164-2	37	37	33	36	5.42	cps
Gadolinium	160-1	225	175	150	183	20.83	cps
Gadolinium	160-2	110	107	153	123	21.11	cps
Holmium	165-1	3841322	3878550	3974433	3898102	1.76	cps
Holmium	165-2	1913732	1909746	1926064	1916514	0.44	cps
Indium	115-1	3673274	3827369	3771854	3757499	2.08	cps
Indium	115-2	607095	612396	615627	611706	0.70	cps
Iron	54-2	1048566	1060979	1071243	1060263	1.07	cps
Iron	56-2	18679390	19334260	19123068	19045573	1.75	cps
Iron	57-2	474565	477869	475158	475864	0.37	cps
Krypton	83-1	1757	1873	1733	1788	4.20	cps
Lead	206-1	507448	513384	517790	512874	1.01	cps
Lead	207-1	456633	460145	463156	459978	0.71	cps
Lead	208-1	2039303	2069664	2082464	2063811	1.07	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-17	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:45:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1500721	1568320	1539265	1536102	2.21	cps
Magnesium	24-2	8839470	8966112	8923482	8909688	0.72	cps
Manganese	55-2	923063	936443	935152	931553	0.79	cps
Molybdenum	94-1	2821910	2853956	2886733	2854200	1.14	cps
Molybdenum	95-1	3780859	3803363	3851029	3811750	0.94	cps
Molybdenum	96-1	4123493	4188485	4176175	4162718	0.83	cps
Molybdenum	97-1	2323933	2345858	2392926	2354239	1.50	cps
Molybdenum	98-1	6019614	6099697	6074033	6064448	0.67	cps
Neodymium	150-1	53	107	133	98	41.66	cps
Neodymium	150-2	43	30	43	39	19.79	cps
Nickel	60-2	169730	169605	172098	170477	0.82	cps
Phosphorus	31-2	250	233	292	258	11.63	cps
Potassium	39-2	1862517	1936567	1887427	1895504	1.99	cps
Rhodium	103-1	3539977	3687941	3706498	3644806	2.50	cps
Rhodium	103-2	1669120	1713005	1710620	1697582	1.45	cps
Scandium	45-1	2623379	2740260	2729859	2697833	2.40	cps
Scandium	45-2	101868	104378	103999	103415	1.31	cps
Selenium	82-1	16970	17150	17597	17239	1.87	cps
Selenium	77-2	670	627	507	601	14.08	cps
Selenium	78-2	1846	1882	1877	1869	1.04	cps
Silicon	28-1	17076252	17539252	17564549	17393351	1.58	cps
Silver	109-1	978191	794300	1280609	1017700	24.13	cps
Silver	107-1	743788	1023693	924616	897366	15.82	cps
Sodium	23-2	52767036	53064066	53642551	53157884	0.84	cps
Strontium	86-1	1187671	1206342	1209065	1201026	0.97	cps
Strontium	88-1	9921034	10111165	10133554	10055251	1.16	cps
Sulfur	34-1	614836	608286	614062	612395	0.58	cps
Terbium	159-1	4158680	4237672	4303541	4233298	1.71	cps
Terbium	159-2	1893089	1878817	1893899	1888602	0.45	cps
Thallium	203-1	638176	647438	647493	644369	0.83	cps
Thallium	205-1	1489819	1532107	1569903	1530610	2.62	cps
Tin	118-1	1096747	1105100	1108491	1103446	0.55	cps
Titanium	47-1	1095543	1119304	1121237	1112028	1.29	cps
Uranium	238-1	1809504	1856505	1849613	1838541	1.38	cps
Vanadium	51-2	270191	269124	271201	270172	0.38	cps
Yttrium	89-1	7310011	7571928	7409739	7430559	1.78	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-17	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:45:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	840801	843778	844261	842947	0.22	cps
Zinc	66-2	151938	151834	150627	151466	0.48	cps
Zirconium	90-1	1791834	1796991	1831058	1806628	1.18	cps
Zirconium	91-1	402966	408333	410177	407159	0.92	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15A Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:48:40 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216591	217882	217491	217321	0.30	cps
Antimony	121-1	1306617	1318988	1331962	1319189	0.96	cps
Arsenic	75-2	54993	55444	54486	54974	0.87	cps
Barium	135-1	1705234	1773711	1784614	1754520	2.45	cps
Barium	137-1	2961581	3023937	3036697	3007405	1.34	cps
Beryllium	9-1	319758	329492	328929	326060	1.68	cps
Bismuth	209-1	2086094	2087961	2134948	2103001	1.32	cps
Bismuth	209-2	1261473	1185849	1234059	1227127	3.12	cps
Boron	10-1	35327	37346	39290	37321	5.31	cps
Boron	11-1	172171	184572	192181	182975	5.52	cps
Bromine	81-1	62452	71835	78267	70851	11.23	cps
Cadmium	111-1	295879	299609	303819	299769	1.33	cps
Cadmium	106-1	33007	33032	32622	32887	0.70	cps
Cadmium	108-1	21630	22769	22101	22167	2.58	cps
Calcium	43-1	1692474	1719904	1777098	1729825	2.50	cps
Calcium	44-1	27494614	28494738	29158191	28382514	2.95	cps
Chromium	52-2	406302	403143	402426	403957	0.51	cps
Cobalt	59-2	682602	697411	689631	689881	1.07	cps
Copper	63-2	1106306	1126562	1105881	1112916	1.06	cps
Dysprosium	156-1	258	292	250	267	8.27	cps
Dysprosium	156-2	77	93	100	90	13.35	cps
Erbium	164-1	75	42	150	89	62.42	cps
Erbium	164-2	43	30	23	32	31.61	cps
Gadolinium	160-1	267	217	225	236	11.34	cps
Gadolinium	160-2	123	133	140	132	6.34	cps
Holmium	165-1	3862282	3883457	3885039	3876926	0.33	cps
Holmium	165-2	1958198	1817793	1853513	1876501	3.89	cps
Indium	115-1	3745059	3760340	3840052	3781817	1.35	cps
Indium	115-2	617949	582436	607698	602694	3.03	cps
Iron	54-2	1052311	1057192	1061607	1057037	0.44	cps
Iron	56-2	18918553	19203148	18728668	18950123	1.26	cps
Iron	57-2	471017	472400	470112	471177	0.24	cps
Krypton	83-1	1867	1833	1817	1839	1.38	cps
Lead	206-1	621493	631949	641036	631493	1.55	cps
Lead	207-1	554609	566333	574530	565157	1.77	cps
Lead	208-1	2506397	2554177	2597129	2552568	1.78	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5096-15A Instrumnet Name : P8
 Client Sample ID : 49-MW031(DOB)-121220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:48:40 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1531044	1530563	1544275	1535294	0.51	cps
Magnesium	24-2	8945232	8887093	8659732	8830686	1.71	cps
Manganese	55-2	928927	935094	930345	931455	0.35	cps
Molybdenum	94-1	2936723	2940435	2942339	2939832	0.10	cps
Molybdenum	95-1	3617839	3729301	3744277	3697139	1.87	cps
Molybdenum	96-1	4100849	4176673	4144434	4140652	0.92	cps
Molybdenum	97-1	2326218	2325815	2326636	2326223	0.02	cps
Molybdenum	98-1	5812753	5932634	5985580	5910323	1.50	cps
Neodymium	150-1	160	100	120	127	24.12	cps
Neodymium	150-2	53	23	40	39	38.65	cps
Nickel	60-2	198566	200167	199317	199350	0.40	cps
Phosphorus	31-2	183	258	217	219	17.12	cps
Potassium	39-2	1887383	1914550	1892939	1898291	0.76	cps
Rhodium	103-1	3604613	3608901	3723123	3645546	1.84	cps
Rhodium	103-2	1740674	1595911	1693974	1676853	4.41	cps
Scandium	45-1	2652232	2701132	2698500	2683954	1.02	cps
Scandium	45-2	103439	99236	101579	101418	2.08	cps
Selenium	82-1	20929	21600	21724	21418	2.00	cps
Selenium	77-2	637	773	700	703	9.72	cps
Selenium	78-2	2358	2479	2360	2399	2.89	cps
Silicon	28-1	17412360	17496859	17398438	17435886	0.31	cps
Silver	109-1	1183865	1218109	1177556	1193176	1.83	cps
Silver	107-1	1402902	1477625	961649	1280725	21.77	cps
Sodium	23-2	53142430	53319574	52477524	52979843	0.84	cps
Strontium	86-1	1236653	1276880	1292775	1268769	2.28	cps
Strontium	88-1	10483387	10782753	10707838	10657993	1.46	cps
Sulfur	34-1	613340	608056	609958	610452	0.44	cps
Terbium	159-1	4141448	4162717	4298346	4200837	2.03	cps
Terbium	159-2	1885610	1788574	1886379	1853521	3.03	cps
Thallium	203-1	781973	804498	814810	800427	2.10	cps
Thallium	205-1	1877305	1890402	1934395	1900701	1.57	cps
Tin	118-1	1056955	1076945	1087020	1073640	1.43	cps
Titanium	47-1	1070472	1097579	1097405	1088485	1.43	cps
Uranium	238-1	2244926	2287036	2305081	2279014	1.35	cps
Vanadium	51-2	340065	343724	344307	342699	0.67	cps
Yttrium	89-1	7338361	7441891	7499612	7426621	1.10	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5096-15A	Instrumnet Name :	P8
Client Sample ID :	49-MW031(DOB)-121220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:48:40	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	847263	797937	833016	826072	3.07	cps
Zinc	66-2	151335	150886	151937	151386	0.35	cps
Zirconium	90-1	2194632	2317911	2277249	2263264	2.78	cps
Zirconium	91-1	500300	509277	506424	505334	0.91	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCV20 Instrumnet Name : P8
 Client Sample ID : CCV20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 17:57:12 DataFile Name : 056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1084314	1081750	1085100	1083721	0.16	cps
Antimony	121-1	1615579	1660125	1669804	1648503	1.75	cps
Arsenic	75-2	59757	60336	59985	60026	0.49	cps
Barium	135-1	1667130	1698751	1755697	1707193	2.63	cps
Barium	137-1	2888618	2937437	3040951	2955669	2.63	cps
Beryllium	9-1	389214	398480	399553	395749	1.44	cps
Bismuth	209-1	2050170	2083695	2041694	2058520	1.08	cps
Bismuth	209-2	1287176	1206890	1197231	1230432	4.01	cps
Boron	10-1	28472	31225	33539	31079	8.16	cps
Boron	11-1	139120	155499	164434	153018	8.39	cps
Bromine	81-1	8031	7159	7350	7513	6.10	cps
Cadmium	111-1	355230	363851	365945	361675	1.57	cps
Cadmium	106-1	38647	40092	39800	39513	1.93	cps
Cadmium	108-1	27085	27039	26459	26861	1.30	cps
Calcium	43-1	2100264	2071263	2122001	2097843	1.21	cps
Calcium	44-1	34023785	34678875	34826924	34509862	1.24	cps
Chromium	52-2	476364	479895	476688	477649	0.41	cps
Cobalt	59-2	823630	820888	816023	820180	0.47	cps
Copper	63-2	5812366	5723632	5821047	5785682	0.93	cps
Dysprosium	156-1	267	350	308	308	13.51	cps
Dysprosium	156-2	153	140	150	148	4.70	cps
Erbium	164-1	75	50	92	72	29.04	cps
Erbium	164-2	23	33	23	27	21.65	cps
Gadolinium	160-1	375	383	342	367	6.01	cps
Gadolinium	160-2	153	190	163	169	11.22	cps
Holmium	165-1	3750615	3826132	3830500	3802416	1.18	cps
Holmium	165-2	1961151	1859535	1843538	1888074	3.38	cps
Indium	115-1	3687142	3712938	3629623	3676568	1.16	cps
Indium	115-2	631907	589927	583104	601646	4.39	cps
Iron	54-2	4840398	4919781	4889049	4883076	0.82	cps
Iron	56-2	88214305	88159263	88013827	88129132	0.12	cps
Iron	57-2	2208721	2223362	2284061	2238715	1.78	cps
Krypton	83-1	2014	1683	1707	1801	10.23	cps
Lead	206-1	4224047	4196903	4196745	4205898	0.37	cps
Lead	207-1	3713631	3813527	3820587	3782582	1.58	cps
Lead	208-1	16638755	16905936	16959638	16834776	1.02	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:57:12	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1495117	1522446	1481363	1499642	1.39	cps
Magnesium	24-2	16374171	16430356	16534417	16446315	0.49	cps
Manganese	55-2	2337491	2321850	2318986	2326109	0.43	cps
Molybdenum	94-1	3195001	3280654	3278941	3251532	1.51	cps
Molybdenum	95-1	3905582	3962330	4008090	3958667	1.30	cps
Molybdenum	96-1	4302495	4377145	4406556	4362065	1.23	cps
Molybdenum	97-1	2395484	2439816	2480417	2438572	1.74	cps
Molybdenum	98-1	6138054	6312597	6238376	6229676	1.41	cps
Neodymium	150-1	87	80	100	89	11.46	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	217662	217345	217920	217642	0.13	cps
Phosphorus	31-2	15450	14766	15792	15336	3.41	cps
Potassium	39-2	6609916	6516979	6645816	6590904	1.01	cps
Rhodium	103-1	3442820	3546010	3544892	3511241	1.69	cps
Rhodium	103-2	1768174	1623427	1630245	1673949	4.88	cps
Scandium	45-1	2642292	2604690	2616141	2621041	0.74	cps
Scandium	45-2	106656	100189	99737	102194	3.79	cps
Selenium	82-1	24730	26316	25959	25668	3.24	cps
Selenium	77-2	803	830	790	808	2.52	cps
Selenium	78-2	2806	2765	2770	2780	0.80	cps
Silicon	28-1	2330558	2438935	2508826	2426106	3.70	cps
Silver	109-1	1734057	1756774	1767434	1752755	0.97	cps
Silver	107-1	1808546	1854560	1845771	1836292	1.33	cps
Sodium	23-2	36443586	36189584	35946604	36193258	0.69	cps
Strontium	86-1	521720	522929	538138	527596	1.73	cps
Strontium	88-1	4424451	4475734	4470276	4456820	0.63	cps
Sulfur	34-1	698058	704828	698500	700462	0.54	cps
Terbium	159-1	4074964	4091563	4106025	4090851	0.38	cps
Terbium	159-2	1953906	1864013	1825155	1881024	3.51	cps
Thallium	203-1	959099	994202	980924	978075	1.81	cps
Thallium	205-1	2280397	2328960	2295189	2301515	1.08	cps
Tin	118-1	1142576	1182520	1184439	1169845	2.02	cps
Titanium	47-1	1153868	1173549	1218954	1182124	2.82	cps
Uranium	238-1	2786186	2786971	2802949	2792035	0.34	cps
Vanadium	51-2	400631	402306	401369	401436	0.21	cps
Yttrium	89-1	7070668	7157694	7170578	7132980	0.76	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 17:57:12	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	875883	815228	807876	832995	4.48	cps
Zinc	66-2	790240	786277	783356	786624	0.44	cps
Zirconium	90-1	2673007	2785328	2733582	2730639	2.06	cps
Zirconium	91-1	606689	620616	612441	613249	1.14	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:17:05 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	376	354	373	4.90	cps
Antimony	121-1	75	25	92	64	54.31	cps
Arsenic	75-2	10	7	5	7	34.32	cps
Barium	135-1	33	67	83	61	41.67	cps
Barium	137-1	58	67	117	81	39.17	cps
Beryllium	9-1	148	168	226	181	22.43	cps
Bismuth	209-1	2038691	2051630	2065879	2052067	0.66	cps
Bismuth	209-2	1173284	1216295	1197821	1195800	1.80	cps
Boron	10-1	834	822	786	814	3.07	cps
Boron	11-1	3864	3712	3640	3738	3.06	cps
Bromine	81-1	4085	3604	4075	3921	7.00	cps
Cadmium	111-1	1080	873	1195	1050	15.53	cps
Cadmium	106-1	1533	1250	1692	1492	15.00	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	242	190	254	229	14.87	cps
Calcium	44-1	14944	14672	14680	14765	1.05	cps
Chromium	52-2	580	577	603	587	2.48	cps
Cobalt	59-2	100	103	67	90	22.53	cps
Copper	63-2	733	800	780	771	4.44	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	17	8	58	28	96.44	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	3636199	3657734	3658651	3650861	0.35	cps
Holmium	165-2	1734952	1806431	1756553	1765979	2.08	cps
Indium	115-1	3552392	3568248	3637859	3586166	1.27	cps
Indium	115-2	565109	586109	578773	576664	1.85	cps
Iron	54-2	433	444	400	426	5.43	cps
Iron	56-2	3656	3545	3450	3551	2.90	cps
Iron	57-2	150	150	189	163	13.78	cps
Krypton	83-1	1900	1793	1717	1803	5.11	cps
Lead	206-1	278	283	356	306	14.20	cps
Lead	207-1	178	261	378	272	36.91	cps
Lead	208-1	1000	1122	1389	1170	16.99	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:17:05 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1441274	1382024	1419687	1414328	2.12	cps
Magnesium	24-2	1050	992	883	975	8.67	cps
Manganese	55-2	180	147	133	153	15.67	cps
Molybdenum	94-1	108	125	117	117	7.14	cps
Molybdenum	95-1	8	17	33	19	65.47	cps
Molybdenum	96-1	58	42	75	58	28.57	cps
Molybdenum	97-1	0	25	0	8	173.21	cps
Molybdenum	98-1	33	50	75	53	39.74	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	90	100	77	89	13.17	cps
Phosphorus	31-2	217	158	125	167	27.84	cps
Potassium	39-2	30466	29130	30759	30118	2.88	cps
Rhodium	103-1	3507032	3494102	3468257	3489797	0.57	cps
Rhodium	103-2	1619615	1670531	1652826	1647658	1.57	cps
Scandium	45-1	2530045	2513848	2536471	2526788	0.46	cps
Scandium	45-2	93213	96149	95810	95057	1.69	cps
Selenium	82-1	27	7	133	56	121.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	51	45	49	7.68	cps
Silicon	28-1	1291947	1286271	1283867	1287362	0.32	cps
Silver	109-1	117	117	108	114	4.22	cps
Silver	107-1	142	125	150	139	9.17	cps
Sodium	23-2	66067	64728	65104	65299	1.06	cps
Strontium	86-1	2800	2834	3226	2953	8.01	cps
Strontium	88-1	200	217	192	203	6.28	cps
Sulfur	34-1	555889	550992	555776	554219	0.50	cps
Terbium	159-1	3962449	3937670	3848559	3916226	1.53	cps
Terbium	159-2	1718990	1794816	1775512	1763106	2.24	cps
Thallium	203-1	100	117	150	122	20.83	cps
Thallium	205-1	167	225	275	222	24.40	cps
Tin	118-1	250	175	175	200	21.65	cps
Titanium	47-1	283	475	300	353	30.10	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	6935925	6831079	6883749	6883584	0.76	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:17:05	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	757216	787492	778871	774526	2.01	cps
Zinc	66-2	160	180	257	199	25.66	cps
Zirconium	90-1	183	283	292	253	23.85	cps
Zirconium	91-1	58	83	58	67	21.66	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-01 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SBR)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:19:56 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5084	4855	4941	4960	2.33	cps
Antimony	121-1	642	608	425	558	20.90	cps
Arsenic	75-2	5968	6142	6030	6047	1.46	cps
Barium	135-1	104317	107929	101807	104684	2.94	cps
Barium	137-1	179166	186474	175977	180539	2.98	cps
Beryllium	9-1	180	166	190	179	6.75	cps
Bismuth	209-1	2231462	2249006	2125632	2202033	3.03	cps
Bismuth	209-2	1223231	1235377	1239634	1232747	0.69	cps
Boron	10-1	4198	4308	4584	4363	4.56	cps
Boron	11-1	19631	22172	22477	21427	7.29	cps
Bromine	81-1	49839	64685	70629	61718	17.35	cps
Cadmium	111-1	1901	2313	1886	2033	11.91	cps
Cadmium	106-1	1709	2100	1525	1778	16.52	cps
Cadmium	108-1	71	58	63	64	9.96	cps
Calcium	43-1	1210748	1215530	1153441	1193240	2.90	cps
Calcium	44-1	20087272	20298863	19118197	19834777	3.17	cps
Chromium	52-2	1500	1493	1537	1510	1.55	cps
Cobalt	59-2	927	893	897	906	2.03	cps
Copper	63-2	3054	3250	3120	3141	3.18	cps
Dysprosium	156-1	175	142	175	164	11.74	cps
Dysprosium	156-2	50	63	40	51	22.90	cps
Erbium	164-1	150	67	133	117	37.80	cps
Erbium	164-2	43	20	60	41	48.87	cps
Gadolinium	160-1	92	175	133	133	31.25	cps
Gadolinium	160-2	73	70	50	64	19.58	cps
Holmium	165-1	4022375	4045402	3888994	3985590	2.12	cps
Holmium	165-2	1867757	1902740	1889857	1886785	0.94	cps
Indium	115-1	4005455	4019130	3810651	3945079	2.96	cps
Indium	115-2	605131	612462	610778	609457	0.63	cps
Iron	54-2	384431	387163	381753	384449	0.70	cps
Iron	56-2	6966419	7022424	7027702	7005515	0.48	cps
Iron	57-2	174498	177823	173682	175335	1.25	cps
Krypton	83-1	1867	1713	1750	1777	4.51	cps
Lead	206-1	1967	1628	1839	1811	9.45	cps
Lead	207-1	1533	1422	1456	1470	3.88	cps
Lead	208-1	7073	6606	6851	6843	3.41	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-01	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:19:56	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1557348	1535709	1463981	1519012	3.22	cps
Magnesium	24-2	2886792	2874347	2861990	2874376	0.43	cps
Manganese	55-2	331004	331801	325661	329489	1.01	cps
Molybdenum	94-1	1075	1233	1233	1181	7.74	cps
Molybdenum	95-1	1433	1558	1308	1433	8.72	cps
Molybdenum	96-1	1700	1834	1500	1678	10.00	cps
Molybdenum	97-1	850	842	775	822	5.00	cps
Molybdenum	98-1	2192	2500	2309	2334	6.67	cps
Neodymium	150-1	100	207	220	176	37.47	cps
Neodymium	150-2	63	67	83	71	15.07	cps
Nickel	60-2	1677	1613	1557	1616	3.72	cps
Phosphorus	31-2	233	292	317	281	15.24	cps
Potassium	39-2	600595	605237	592687	599506	1.06	cps
Rhodium	103-1	3829720	3863123	3671876	3788239	2.70	cps
Rhodium	103-2	1698409	1708899	1682524	1696611	0.78	cps
Scandium	45-1	2849988	2800794	2607938	2752906	4.65	cps
Scandium	45-2	102985	103576	101753	102772	0.90	cps
Selenium	82-1	-30	155	34	53	176.70	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	46	40	35	40	13.66	cps
Silicon	28-1	17055794	17549357	16576402	17060518	2.85	cps
Silver	109-1	258	250	133	214	32.67	cps
Silver	107-1	283	292	158	244	30.56	cps
Sodium	23-2	44045565	44253966	44196294	44165275	0.24	cps
Strontium	86-1	1271567	1296749	1248349	1272222	1.90	cps
Strontium	88-1	10750640	10963259	10507999	10740632	2.12	cps
Sulfur	34-1	606107	606908	598475	603830	0.77	cps
Terbium	159-1	4457760	4431605	4209833	4366399	3.12	cps
Terbium	159-2	1876527	1889361	1914442	1893444	1.02	cps
Thallium	203-1	225	100	142	156	40.92	cps
Thallium	205-1	317	342	258	306	14.00	cps
Tin	118-1	867	892	1017	925	8.69	cps
Titanium	47-1	5268	4851	4626	4915	6.63	cps
Uranium	238-1	14141	14550	13983	14225	2.06	cps
Vanadium	51-2	607	567	687	620	9.86	cps
Yttrium	89-1	7859333	7849033	7512611	7740326	2.55	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-01	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:19:56	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	828572	842116	831674	834121	0.85	cps
Zinc	66-2	14231	14150	13854	14078	1.41	cps
Zirconium	90-1	1108	933	942	995	9.93	cps
Zirconium	91-1	242	250	183	225	16.14	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-02	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(DOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:22:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1454	1459	1429	1447	1.11	cps
Antimony	121-1	233	333	267	278	18.33	cps
Arsenic	75-2	8454	8677	8611	8580	1.33	cps
Barium	135-1	118716	125687	121895	122100	2.86	cps
Barium	137-1	205847	210300	213184	209777	1.76	cps
Beryllium	9-1	146	180	146	157	12.48	cps
Bismuth	209-1	2150799	2140388	2144617	2145268	0.24	cps
Bismuth	209-2	1229986	1121943	1202467	1184799	4.74	cps
Boron	10-1	4756	5088	5310	5051	5.52	cps
Boron	11-1	23212	26216	26949	25459	7.78	cps
Bromine	81-1	76696	92607	101054	90119	13.72	cps
Cadmium	111-1	1295	1161	1325	1260	6.94	cps
Cadmium	106-1	1759	1542	1775	1692	7.70	cps
Cadmium	108-1	33	8	25	22	57.29	cps
Calcium	43-1	2157458	2270451	2249411	2225773	2.70	cps
Calcium	44-1	36894462	37088275	37786201	37256313	1.26	cps
Chromium	52-2	880	923	860	888	3.65	cps
Cobalt	59-2	1943	1980	1960	1961	0.94	cps
Copper	63-2	1113	1087	1080	1093	1.61	cps
Dysprosium	156-1	125	117	92	111	15.61	cps
Dysprosium	156-2	50	27	33	37	32.78	cps
Erbium	164-1	92	150	142	128	24.69	cps
Erbium	164-2	40	50	53	48	14.52	cps
Gadolinium	160-1	92	117	175	128	33.47	cps
Gadolinium	160-2	50	67	80	66	22.93	cps
Holmium	165-1	3963684	3976357	3965895	3968645	0.17	cps
Holmium	165-2	1883703	1752508	1824665	1820292	3.61	cps
Indium	115-1	3799241	3909252	3916734	3875076	1.70	cps
Indium	115-2	606080	565554	600147	590593	3.71	cps
Iron	54-2	508603	519426	516613	514880	1.09	cps
Iron	56-2	9183598	9416517	9339446	9313187	1.27	cps
Iron	57-2	230321	236378	230660	232453	1.46	cps
Krypton	83-1	1887	1740	1750	1792	4.57	cps
Lead	206-1	400	378	411	396	4.28	cps
Lead	207-1	322	372	417	370	12.76	cps
Lead	208-1	1583	1522	1700	1602	5.64	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-02 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(DOB)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:22:46 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1527059	1507135	1492994	1509062	1.13	cps
Magnesium	24-2	5791046	5855149	5862526	5836241	0.67	cps
Manganese	55-2	732451	736383	733772	734202	0.27	cps
Molybdenum	94-1	1083	1225	1275	1195	8.32	cps
Molybdenum	95-1	1717	1834	2092	1881	10.21	cps
Molybdenum	96-1	1884	2175	1900	1986	8.25	cps
Molybdenum	97-1	1108	1333	1017	1153	14.14	cps
Molybdenum	98-1	3167	3167	3050	3128	2.15	cps
Neodymium	150-1	147	53	100	100	46.67	cps
Neodymium	150-2	30	50	43	41	24.77	cps
Nickel	60-2	1523	1557	1543	1541	1.09	cps
Phosphorus	31-2	333	258	225	272	20.38	cps
Potassium	39-2	757301	754440	763632	758458	0.62	cps
Rhodium	103-1	3649573	3711091	3670537	3677067	0.85	cps
Rhodium	103-2	1654093	1556193	1644319	1618202	3.33	cps
Scandium	45-1	2748576	2724917	2745216	2739569	0.47	cps
Scandium	45-2	102676	95425	102099	100067	4.03	cps
Selenium	82-1	1	67	87	52	87.05	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	40	55	53	49	16.52	cps
Silicon	28-1	15358304	15727157	15695166	15593542	1.31	cps
Silver	109-1	175	258	383	272	38.52	cps
Silver	107-1	175	383	300	286	36.65	cps
Sodium	23-2	65310112	66017626	65947601	65758447	0.59	cps
Strontium	86-1	1879569	1916826	1896948	1897781	0.98	cps
Strontium	88-1	15742689	16164185	16073287	15993387	1.39	cps
Sulfur	34-1	727256	730300	730056	729204	0.23	cps
Terbium	159-1	4175279	4291396	4241618	4236098	1.38	cps
Terbium	159-2	1925341	1710641	1883042	1839675	6.18	cps
Thallium	203-1	58	50	58	56	8.67	cps
Thallium	205-1	208	225	183	206	10.20	cps
Tin	118-1	1075	1108	1092	1092	1.53	cps
Titanium	47-1	1608	1617	1450	1558	6.03	cps
Uranium	238-1	9037	9854	9279	9390	4.47	cps
Vanadium	51-2	130	127	140	132	5.25	cps
Yttrium	89-1	7457851	7515145	7461932	7478309	0.43	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-02	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(DOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:22:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	829819	774147	821581	808516	3.72	cps
Zinc	66-2	383	423	397	401	5.08	cps
Zirconium	90-1	625	508	567	567	10.29	cps
Zirconium	91-1	125	175	83	128	35.92	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-03 Instrumnet Name : P8
 Client Sample ID : 49-MW009(DOB)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:25:34 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4555	4541	4566	4554	0.28	cps
Antimony	121-1	858	942	908	903	4.64	cps
Arsenic	75-2	240	233	232	235	1.85	cps
Barium	135-1	48772	49048	49809	49210	1.09	cps
Barium	137-1	83599	84950	86099	84883	1.47	cps
Beryllium	9-1	160	150	160	157	3.69	cps
Bismuth	209-1	2153817	2099036	2170587	2141146	1.75	cps
Bismuth	209-2	1046402	1217653	1319245	1194434	11.54	cps
Boron	10-1	3410	3712	3846	3656	6.11	cps
Boron	11-1	17207	18608	18868	18228	4.90	cps
Bromine	81-1	55465	61054	63498	60006	6.86	cps
Cadmium	111-1	15377	14821	15109	15102	1.84	cps
Cadmium	106-1	3317	3025	3075	3139	4.97	cps
Cadmium	108-1	1021	946	971	979	3.90	cps
Calcium	43-1	544026	555214	564513	554584	1.85	cps
Calcium	44-1	9138995	9286201	9504948	9310048	1.98	cps
Chromium	52-2	1233	1250	1350	1278	4.94	cps
Cobalt	59-2	1400	1500	1467	1456	3.50	cps
Copper	63-2	9830	9717	10407	9985	3.71	cps
Dysprosium	156-1	317	167	292	258	31.11	cps
Dysprosium	156-2	77	70	117	88	28.75	cps
Erbium	164-1	250	217	267	244	10.42	cps
Erbium	164-2	140	97	100	112	21.49	cps
Gadolinium	160-1	233	175	250	219	17.95	cps
Gadolinium	160-2	127	123	87	112	19.78	cps
Holmium	165-1	4014178	4009684	3985363	4003075	0.39	cps
Holmium	165-2	1638166	1908151	2052758	1866358	11.27	cps
Indium	115-1	3848425	3934423	4034218	3939022	2.36	cps
Indium	115-2	530923	617420	668110	605484	11.46	cps
Iron	54-2	20331	20665	21082	20693	1.82	cps
Iron	56-2	361159	357479	361440	360026	0.61	cps
Iron	57-2	9014	8792	8986	8931	1.36	cps
Krypton	83-1	1843	1907	1867	1872	1.71	cps
Lead	206-1	956	1045	1022	1007	4.59	cps
Lead	207-1	850	872	900	874	2.87	cps
Lead	208-1	3817	3984	3839	3880	2.33	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-03 Instrumnet Name : P8
 Client Sample ID : 49-MW009(DOB)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:25:34 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1500985	1530458	1562191	1531211	2.00	cps
Magnesium	24-2	355299	356918	354750	355656	0.32	cps
Manganese	55-2	215970	214166	215134	215090	0.42	cps
Molybdenum	94-1	2267	2067	2175	2170	4.62	cps
Molybdenum	95-1	3042	3192	3209	3148	2.92	cps
Molybdenum	96-1	3417	3509	3225	3384	4.27	cps
Molybdenum	97-1	1900	1892	1892	1895	0.25	cps
Molybdenum	98-1	4943	4668	4726	4779	3.03	cps
Neodymium	150-1	240	247	267	251	5.53	cps
Neodymium	150-2	63	80	90	78	17.32	cps
Nickel	60-2	4301	4161	4371	4277	2.50	cps
Phosphorus	31-2	225	400	267	297	30.76	cps
Potassium	39-2	805844	811037	801532	806137	0.59	cps
Rhodium	103-1	3658284	3710142	3741240	3703222	1.13	cps
Rhodium	103-2	1426544	1652431	1829719	1636231	12.35	cps
Scandium	45-1	2765333	2722873	2815045	2767750	1.67	cps
Scandium	45-2	88537	102341	112284	101054	11.80	cps
Selenium	82-1	-20	-91	-44	-52	-69.53	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	53	47	50	50	6.01	cps
Silicon	28-1	4266292	4289546	4394184	4316674	1.58	cps
Silver	109-1	375	592	517	494	22.25	cps
Silver	107-1	675	775	600	683	12.85	cps
Sodium	23-2	188091017	185095296	183897562	185694625	1.16	cps
Strontium	86-1	325904	333033	333139	330692	1.25	cps
Strontium	88-1	2812567	2831672	2814741	2819660	0.37	cps
Sulfur	34-1	1076000	1079113	1102321	1085811	1.32	cps
Terbium	159-1	4228151	4304501	4354929	4295860	1.49	cps
Terbium	159-2	1612867	1911814	2097687	1874123	13.05	cps
Thallium	203-1	517	600	467	528	12.76	cps
Thallium	205-1	1092	1258	1217	1189	7.30	cps
Tin	118-1	617	667	817	700	14.87	cps
Titanium	47-1	4526	4092	4126	4248	5.68	cps
Uranium	238-1	39244	39094	39453	39264	0.46	cps
Vanadium	51-2	1130	1090	1153	1125	2.85	cps
Yttrium	89-1	7696848	7665783	7604869	7655833	0.61	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-03	Instrumnet Name :	P8
Client Sample ID :	49-MW009(DOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:25:34	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	727983	832555	904495	821678	10.80	cps
Zinc	66-2	10621	10567	10391	10526	1.14	cps
Zirconium	90-1	1325	1417	1267	1336	5.66	cps
Zirconium	91-1	242	267	383	297	25.44	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-04 Instrumnet Name : P8
 Client Sample ID : 49-MW009(SBR)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:28:24 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2235	2304	2306	2282	1.77	cps
Antimony	121-1	517	458	442	472	8.34	cps
Arsenic	75-2	130	111	109	117	9.93	cps
Barium	135-1	77941	80212	78771	78975	1.46	cps
Barium	137-1	136309	136399	139700	137469	1.41	cps
Beryllium	9-1	144	164	152	153	6.57	cps
Bismuth	209-1	2180938	2127858	2157004	2155266	1.23	cps
Bismuth	209-2	1245378	1213320	1235150	1231283	1.33	cps
Boron	10-1	2286	2278	2176	2246	2.73	cps
Boron	11-1	10648	11210	11344	11067	3.34	cps
Bromine	81-1	44155	52029	56199	50794	12.04	cps
Cadmium	111-1	1286	1347	1481	1371	7.27	cps
Cadmium	106-1	1517	1650	1808	1658	8.81	cps
Cadmium	108-1	38	29	21	29	28.58	cps
Calcium	43-1	1287152	1294086	1285193	1288810	0.36	cps
Calcium	44-1	21650616	21526727	21278251	21485198	0.88	cps
Chromium	52-2	923	893	987	934	5.10	cps
Cobalt	59-2	930	1000	937	956	4.04	cps
Copper	63-2	1687	1737	1763	1729	2.25	cps
Dysprosium	156-1	58	108	108	92	31.50	cps
Dysprosium	156-2	40	33	23	32	26.04	cps
Erbium	164-1	83	125	67	92	32.77	cps
Erbium	164-2	40	40	47	42	9.12	cps
Gadolinium	160-1	117	142	133	131	9.75	cps
Gadolinium	160-2	53	50	50	51	3.76	cps
Holmium	165-1	4063108	3971773	3928649	3987843	1.72	cps
Holmium	165-2	1905007	1847056	1897086	1883050	1.67	cps
Indium	115-1	3929773	3938720	3839722	3902738	1.40	cps
Indium	115-2	625480	611436	619020	618645	1.14	cps
Iron	54-2	21912	21633	21839	21795	0.66	cps
Iron	56-2	392101	394490	389775	392122	0.60	cps
Iron	57-2	9837	9815	9698	9783	0.76	cps
Krypton	83-1	1770	1637	1873	1760	6.74	cps
Lead	206-1	567	522	600	563	6.93	cps
Lead	207-1	367	422	467	419	11.97	cps
Lead	208-1	2156	2150	2245	2183	2.43	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-04	Instrumnet Name :	P8
Client Sample ID :	49-MW009(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:28:24	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1555121	1524549	1557181	1545617	1.18	cps
Magnesium	24-2	2092035	2069239	2069743	2077006	0.63	cps
Manganese	55-2	203032	202794	202932	202920	0.06	cps
Molybdenum	94-1	475	567	408	483	16.45	cps
Molybdenum	95-1	392	383	358	378	4.59	cps
Molybdenum	96-1	492	533	583	536	8.56	cps
Molybdenum	97-1	242	242	283	256	9.41	cps
Molybdenum	98-1	758	775	608	714	12.86	cps
Neodymium	150-1	107	80	107	98	15.75	cps
Neodymium	150-2	33	37	33	34	5.60	cps
Nickel	60-2	1263	1323	1303	1297	2.36	cps
Phosphorus	31-2	317	417	283	339	20.48	cps
Potassium	39-2	607727	604929	603749	605468	0.34	cps
Rhodium	103-1	3774795	3769541	3684196	3742844	1.36	cps
Rhodium	103-2	1686391	1637914	1695985	1673430	1.86	cps
Scandium	45-1	2786164	2778660	2698710	2754511	1.76	cps
Scandium	45-2	104180	100266	104295	102914	2.23	cps
Selenium	82-1	61	160	-120	33	424.90	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	46	46	48	47	2.49	cps
Silicon	28-1	11197097	11415339	11104012	11238816	1.42	cps
Silver	109-1	575	592	758	642	15.80	cps
Silver	107-1	792	692	775	753	7.12	cps
Sodium	23-2	93286158	93688288	92734087	93236178	0.51	cps
Strontium	86-1	1085029	1094131	1082227	1087129	0.57	cps
Strontium	88-1	9157681	9136240	9000350	9098090	0.94	cps
Sulfur	34-1	890917	888228	872988	884044	1.09	cps
Terbium	159-1	4271992	4229382	4248859	4250078	0.50	cps
Terbium	159-2	1915506	1856266	1888056	1886609	1.57	cps
Thallium	203-1	150	83	117	117	28.57	cps
Thallium	205-1	242	317	117	225	44.91	cps
Tin	118-1	375	308	317	333	10.90	cps
Titanium	47-1	2425	2392	2359	2392	1.39	cps
Uranium	238-1	11923	11597	11222	11581	3.03	cps
Vanadium	51-2	337	293	307	312	7.11	cps
Yttrium	89-1	7789518	7711706	7457868	7653031	2.27	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-04	Instrumnet Name :	P8
Client Sample ID :	49-MW009(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:28:24	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	842283	822628	834740	833217	1.19	cps
Zinc	66-2	8333	8049	8399	8260	2.25	cps
Zirconium	90-1	700	758	758	739	4.56	cps
Zirconium	91-1	167	158	133	153	11.35	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:31:12	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	595	614	680	630	7.09	cps
Antimony	121-1	267	242	200	236	14.26	cps
Arsenic	75-2	1499	1513	1497	1503	0.58	cps
Barium	135-1	88354	90442	90820	89872	1.48	cps
Barium	137-1	153321	155681	151154	153385	1.48	cps
Beryllium	9-1	146	96	144	129	22.00	cps
Bismuth	209-1	2182765	2255971	2157100	2198612	2.33	cps
Bismuth	209-2	1251737	1269326	1269433	1263499	0.81	cps
Boron	10-1	4040	4472	4690	4400	7.52	cps
Boron	11-1	20232	22120	23847	22066	8.19	cps
Bromine	81-1	64594	78377	87480	76817	15.00	cps
Cadmium	111-1	1378	1163	1278	1273	8.45	cps
Cadmium	106-1	1942	1592	1817	1784	9.95	cps
Cadmium	108-1	33	8	21	21	60.01	cps
Calcium	43-1	1395323	1401055	1396369	1397582	0.22	cps
Calcium	44-1	22892833	23459771	22846884	23066496	1.48	cps
Chromium	52-2	740	877	727	781	10.63	cps
Cobalt	59-2	240	310	313	288	14.39	cps
Copper	63-2	1143	1170	1050	1121	5.62	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	33	75	42	50	44.10	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	58	67	25	50	44.10	cps
Gadolinium	160-2	23	17	13	18	28.64	cps
Holmium	165-1	3975242	4119966	4006448	4033886	1.89	cps
Holmium	165-2	1905548	1923692	1932020	1920420	0.70	cps
Indium	115-1	3990183	4033123	3891702	3971670	1.83	cps
Indium	115-2	619076	632683	632828	628196	1.26	cps
Iron	54-2	135800	131790	132485	133358	1.61	cps
Iron	56-2	2466529	2492536	2460687	2473251	0.69	cps
Iron	57-2	59898	60885	60852	60545	0.93	cps
Krypton	83-1	1927	1820	1877	1875	2.85	cps
Lead	206-1	300	339	344	328	7.39	cps
Lead	207-1	222	339	283	281	20.73	cps
Lead	208-1	1172	1306	1300	1259	5.99	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-05 Instrumnet Name : P8
 Client Sample ID : 49-PZ004(SBR)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:31:12 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1597093	1589018	1619496	1601869	0.99	cps
Magnesium	24-2	4137153	4149472	4098028	4128218	0.65	cps
Manganese	55-2	288571	290209	286392	288391	0.66	cps
Molybdenum	94-1	3009	3342	3017	3123	6.09	cps
Molybdenum	95-1	4734	5118	4784	4879	4.27	cps
Molybdenum	96-1	5026	5418	5201	5215	3.76	cps
Molybdenum	97-1	2950	2825	2792	2856	2.92	cps
Molybdenum	98-1	7377	7877	7602	7619	3.29	cps
Neodymium	150-1	7	67	33	36	84.55	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	450	417	387	418	7.58	cps
Phosphorus	31-2	183	167	242	197	19.97	cps
Potassium	39-2	724729	725452	718311	722831	0.54	cps
Rhodium	103-1	3837143	3849108	3769507	3818586	1.12	cps
Rhodium	103-2	1727914	1732786	1727182	1729294	0.18	cps
Scandium	45-1	2758977	2886470	2745356	2796934	2.78	cps
Scandium	45-2	104826	105057	104446	104776	0.29	cps
Selenium	82-1	-101	0	46	-18	-404.71	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	49	52	37	46	17.26	cps
Silicon	28-1	13157265	13302056	13295828	13251716	0.62	cps
Silver	109-1	542	658	558	586	10.77	cps
Silver	107-1	500	558	608	556	9.76	cps
Sodium	23-2	45313143	45647005	45434583	45464910	0.37	cps
Strontium	86-1	1235765	1267479	1258385	1253876	1.30	cps
Strontium	88-1	10369380	10731567	10409109	10503352	1.89	cps
Sulfur	34-1	658164	664587	659264	660672	0.52	cps
Terbium	159-1	4336955	4395602	4279051	4337203	1.34	cps
Terbium	159-2	1916606	1942198	1900964	1919923	1.08	cps
Thallium	203-1	17	92	17	42	103.91	cps
Thallium	205-1	92	75	167	111	43.95	cps
Tin	118-1	542	467	600	536	12.47	cps
Titanium	47-1	683	875	817	792	12.41	cps
Uranium	238-1	4518	4192	4709	4473	5.84	cps
Vanadium	51-2	70	30	67	56	39.95	cps
Yttrium	89-1	7554059	7802583	7567798	7641480	1.83	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SBR)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:31:12	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	836658	859218	858378	851418	1.50	cps
Zinc	66-2	513	507	450	490	7.10	cps
Zirconium	90-1	292	358	283	311	13.21	cps
Zirconium	91-1	75	67	100	81	21.53	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-06 Instrumnet Name : P8
 Client Sample ID : 49-PZ004(SOB)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:34:02 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3206	3039	3072	3106	2.85	cps
Antimony	121-1	1517	1567	1367	1483	7.02	cps
Arsenic	75-2	827	783	785	798	3.11	cps
Barium	135-1	4401	4518	4334	4418	2.10	cps
Barium	137-1	7436	7586	7853	7625	2.77	cps
Beryllium	9-1	152	132	142	142	7.04	cps
Bismuth	209-1	2292607	2233462	2258543	2261537	1.31	cps
Bismuth	209-2	1285463	1276705	1294455	1285541	0.69	cps
Boron	10-1	1156	1158	1128	1147	1.46	cps
Boron	11-1	5690	5708	5478	5625	2.27	cps
Bromine	81-1	31949	34167	34447	33521	4.08	cps
Cadmium	111-1	2350	2201	2242	2264	3.40	cps
Cadmium	106-1	1900	1675	1675	1750	7.42	cps
Cadmium	108-1	67	67	133	89	43.30	cps
Calcium	43-1	42052	43415	42923	42797	1.61	cps
Calcium	44-1	725198	738906	742440	735515	1.24	cps
Chromium	52-2	1513	1440	1503	1486	2.68	cps
Cobalt	59-2	1430	1400	1477	1436	2.69	cps
Copper	63-2	3154	3157	3154	3155	0.06	cps
Dysprosium	156-1	108	108	92	103	9.36	cps
Dysprosium	156-2	37	67	20	41	57.52	cps
Erbium	164-1	83	108	117	103	16.88	cps
Erbium	164-2	63	40	40	48	28.19	cps
Gadolinium	160-1	133	92	100	108	20.35	cps
Gadolinium	160-2	37	23	40	33	26.47	cps
Holmium	165-1	4010565	3956511	4055037	4007371	1.23	cps
Holmium	165-2	1902979	1888558	1927200	1906245	1.02	cps
Indium	115-1	3918464	4011799	3999903	3976722	1.28	cps
Indium	115-2	628140	625091	628710	627314	0.31	cps
Iron	54-2	40235	39054	39622	39637	1.49	cps
Iron	56-2	710274	711324	720309	713969	0.77	cps
Iron	57-2	17622	18334	17967	17975	1.98	cps
Krypton	83-1	1747	1873	1887	1836	4.21	cps
Lead	206-1	1222	1311	1078	1204	9.78	cps
Lead	207-1	895	1083	1028	1002	9.69	cps
Lead	208-1	4306	4967	4834	4702	7.44	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5145-06 Instrumnet Name : P8
 Client Sample ID : 49-PZ004(SOB)-121520 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:34:02 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1587397	1578674	1600115	1588729	0.68	cps
Magnesium	24-2	70412	69332	68528	69424	1.36	cps
Manganese	55-2	125233	122759	125190	124394	1.14	cps
Molybdenum	94-1	583	867	742	731	19.44	cps
Molybdenum	95-1	883	975	950	936	5.06	cps
Molybdenum	96-1	1175	1100	1158	1145	3.44	cps
Molybdenum	97-1	558	533	625	572	8.28	cps
Molybdenum	98-1	1358	1617	1442	1472	8.96	cps
Neodymium	150-1	133	173	80	129	36.33	cps
Neodymium	150-2	27	37	57	40	38.18	cps
Nickel	60-2	663	783	683	710	9.05	cps
Phosphorus	31-2	358	208	342	303	27.15	cps
Potassium	39-2	77986	75908	75916	76603	1.56	cps
Rhodium	103-1	3845413	3885679	3858530	3863207	0.53	cps
Rhodium	103-2	1765185	1748605	1782794	1765528	0.97	cps
Scandium	45-1	2767937	2842428	2739770	2783378	1.91	cps
Scandium	45-2	104375	104245	102901	103840	0.79	cps
Selenium	82-1	35	2	-47	-3	-1186.90	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	43	53	55	50	12.78	cps
Silicon	28-1	2392119	2412488	2377145	2393917	0.74	cps
Silver	109-1	483	383	467	444	12.05	cps
Silver	107-1	575	550	575	567	2.55	cps
Sodium	23-2	9624178	9566753	9641332	9610755	0.41	cps
Strontium	86-1	39156	38595	39983	39245	1.78	cps
Strontium	88-1	312041	315891	317629	315187	0.91	cps
Sulfur	34-1	591698	595920	593842	593820	0.36	cps
Terbium	159-1	4360269	4339978	4316646	4338965	0.50	cps
Terbium	159-2	1906988	1885542	1957149	1916560	1.92	cps
Thallium	203-1	83	100	83	89	10.82	cps
Thallium	205-1	225	283	200	236	18.11	cps
Tin	118-1	1125	1208	1367	1233	9.95	cps
Titanium	47-1	3359	2975	2925	3087	7.69	cps
Uranium	238-1	425	383	383	397	6.06	cps
Vanadium	51-2	703	697	580	660	10.51	cps
Yttrium	89-1	7613623	7684014	7596692	7631443	0.61	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5145-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(SOB)-121520	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:34:02	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	843424	844089	849285	845599	0.38	cps
Zinc	66-2	8299	8146	8049	8165	1.54	cps
Zirconium	90-1	692	617	608	639	7.18	cps
Zirconium	91-1	100	175	83	119	40.88	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-02 Instrumnet Name : P8
 Client Sample ID : 49-MW033(SOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:36:52 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4556	4515	4486	4519	0.78	cps
Antimony	121-1	433	458	400	431	6.80	cps
Arsenic	75-2	3732	3619	3705	3685	1.60	cps
Barium	135-1	24965	26276	26276	25839	2.93	cps
Barium	137-1	43947	44123	45209	44426	1.54	cps
Beryllium	9-1	162	164	140	155	8.57	cps
Bismuth	209-1	2190236	2244359	1926140	2120245	8.03	cps
Bismuth	209-2	1279197	1302166	1294416	1291926	0.90	cps
Boron	10-1	1330	1374	1606	1436	10.32	cps
Boron	11-1	6344	6838	7008	6730	5.13	cps
Bromine	81-1	25830	29762	31528	29040	10.04	cps
Cadmium	111-1	1137	1041	965	1047	8.23	cps
Cadmium	106-1	1625	1450	1358	1478	9.17	cps
Cadmium	108-1	25	17	4	15	68.61	cps
Calcium	43-1	426082	440977	446653	437904	2.43	cps
Calcium	44-1	7208730	7417950	7452324	7359668	1.79	cps
Chromium	52-2	1503	1613	1563	1560	3.53	cps
Cobalt	59-2	2540	2530	2394	2488	3.29	cps
Copper	63-2	3140	3107	3104	3117	0.65	cps
Dysprosium	156-1	408	350	367	375	8.01	cps
Dysprosium	156-2	137	210	183	177	21.01	cps
Erbium	164-1	267	300	367	311	16.37	cps
Erbium	164-2	153	133	117	134	13.66	cps
Gadolinium	160-1	400	400	358	386	6.23	cps
Gadolinium	160-2	193	207	180	193	6.90	cps
Holmium	165-1	3896040	4012201	3428398	3778880	8.18	cps
Holmium	165-2	1914274	1934822	1930983	1926693	0.57	cps
Indium	115-1	3882049	3934638	3334606	3717098	8.94	cps
Indium	115-2	623720	626207	625178	625035	0.20	cps
Iron	54-2	132222	131762	131134	131706	0.41	cps
Iron	56-2	2435984	2448682	2465741	2450135	0.61	cps
Iron	57-2	61114	59764	59541	60140	1.42	cps
Krypton	83-1	1787	1883	1667	1779	6.10	cps
Lead	206-1	967	950	800	906	10.14	cps
Lead	207-1	783	833	783	800	3.61	cps
Lead	208-1	3600	3750	3556	3635	2.80	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-02 Instrumnet Name : P8
 Client Sample ID : 49-MW033(SOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:36:52 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1595168	1607855	1428755	1543926	6.47	cps
Magnesium	24-2	482314	472865	478257	477812	0.99	cps
Manganese	55-2	278019	275604	274587	276070	0.64	cps
Molybdenum	94-1	942	1092	1042	1025	7.45	cps
Molybdenum	95-1	1100	1192	992	1095	9.15	cps
Molybdenum	96-1	1542	1375	1575	1497	7.16	cps
Molybdenum	97-1	575	758	650	661	13.94	cps
Molybdenum	98-1	1734	1608	1758	1700	4.73	cps
Neodymium	150-1	440	600	540	527	15.35	cps
Neodymium	150-2	183	173	183	180	3.21	cps
Nickel	60-2	1010	1030	1057	1032	2.27	cps
Phosphorus	31-2	333	333	283	317	9.12	cps
Potassium	39-2	407326	406252	402259	405279	0.66	cps
Rhodium	103-1	3837041	3814315	3258691	3636682	9.01	cps
Rhodium	103-2	1751815	1756014	1741223	1749684	0.44	cps
Scandium	45-1	2739546	2806995	2404204	2650249	8.14	cps
Scandium	45-2	102703	103550	103741	103331	0.53	cps
Selenium	82-1	49	-60	173	54	215.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	47	58	42	49	16.71	cps
Silicon	28-1	8259553	8493879	8517698	8423710	1.69	cps
Silver	109-1	317	250	300	289	12.01	cps
Silver	107-1	475	283	425	394	25.21	cps
Sodium	23-2	15178616	15045950	15163625	15129397	0.48	cps
Strontium	86-1	359946	371799	373578	368441	2.01	cps
Strontium	88-1	3050125	3162988	3197194	3136769	2.45	cps
Sulfur	34-1	639445	639400	634697	637847	0.43	cps
Terbium	159-1	4289875	4394896	3663370	4116047	9.61	cps
Terbium	159-2	1967484	1935196	1947413	1950031	0.84	cps
Thallium	203-1	58	42	25	42	40.00	cps
Thallium	205-1	167	125	92	128	29.41	cps
Tin	118-1	425	625	542	531	18.94	cps
Titanium	47-1	3526	4209	3867	3867	8.84	cps
Uranium	238-1	7311	7561	8011	7627	4.65	cps
Vanadium	51-2	987	1043	970	1000	3.84	cps
Yttrium	89-1	7660863	7712957	6599372	7324397	8.58	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-02	Instrumnet Name :	P8
Client Sample ID :	49-MW033(SOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:36:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	841269	844498	851186	845651	0.60	cps
Zinc	66-2	4781	4881	4604	4755	2.95	cps
Zirconium	90-1	775	1008	883	889	13.14	cps
Zirconium	91-1	158	183	200	181	11.62	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-03	Instrumnet Name :	P8
Client Sample ID :	49-PZ001(SBR)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:39:43	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81900	81705	80451	81352	0.97	cps
Antimony	121-1	1325	1417	1492	1411	5.92	cps
Arsenic	75-2	1647	1575	1567	1597	2.76	cps
Barium	135-1	24206	23796	23713	23905	1.10	cps
Barium	137-1	41038	40954	42585	41526	2.21	cps
Beryllium	9-1	348	328	354	343	3.97	cps
Bismuth	209-1	2234948	2261421	2141427	2212599	2.85	cps
Bismuth	209-2	1251098	1323511	1274770	1283126	2.88	cps
Boron	10-1	1208	1242	1272	1240	2.58	cps
Boron	11-1	5840	6036	6500	6125	5.53	cps
Bromine	81-1	23975	27645	29993	27204	11.15	cps
Cadmium	111-1	1586	1483	1736	1602	7.97	cps
Cadmium	106-1	1725	1558	1859	1714	8.77	cps
Cadmium	108-1	38	42	63	47	28.36	cps
Calcium	43-1	79698	81201	81955	80952	1.42	cps
Calcium	44-1	1380016	1395866	1371632	1382505	0.89	cps
Chromium	52-2	8129	8443	8226	8266	1.94	cps
Cobalt	59-2	6605	6568	6855	6676	2.34	cps
Copper	63-2	14658	14875	14267	14600	2.11	cps
Dysprosium	156-1	2025	2117	1817	1986	7.74	cps
Dysprosium	156-2	757	757	837	783	5.90	cps
Erbium	164-1	1400	1742	1483	1542	11.56	cps
Erbium	164-2	670	657	683	670	1.99	cps
Gadolinium	160-1	1500	1809	1550	1620	10.22	cps
Gadolinium	160-2	970	850	960	927	7.19	cps
Holmium	165-1	4066290	3972582	3921297	3986723	1.84	cps
Holmium	165-2	1890088	1975582	1941466	1935712	2.22	cps
Indium	115-1	3951098	4003420	3840175	3931565	2.12	cps
Indium	115-2	610202	640492	626226	625640	2.42	cps
Iron	54-2	239516	239853	238339	239236	0.33	cps
Iron	56-2	4408995	4325309	4376937	4370414	0.97	cps
Iron	57-2	109002	109259	106607	108290	1.35	cps
Krypton	83-1	1820	1830	1860	1837	1.13	cps
Lead	206-1	15176	15854	15593	15541	2.20	cps
Lead	207-1	12818	12751	12745	12771	0.31	cps
Lead	208-1	59053	61325	60584	60321	1.92	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-03 Instrumnet Name : P8
 Client Sample ID : 49-PZ001(SBR)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:39:43 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1587543	1634567	1608263	1610124	1.46	cps
Magnesium	24-2	114011	113632	114868	114170	0.55	cps
Manganese	55-2	44569	42898	43279	43582	2.01	cps
Molybdenum	94-1	2175	2292	2342	2270	3.77	cps
Molybdenum	95-1	2309	2650	2525	2495	6.93	cps
Molybdenum	96-1	2734	3292	2534	2853	13.78	cps
Molybdenum	97-1	1533	1558	1533	1542	0.94	cps
Molybdenum	98-1	3726	3934	4251	3970	6.66	cps
Neodymium	150-1	3207	3214	3040	3154	3.11	cps
Neodymium	150-2	1097	1023	1037	1052	3.71	cps
Nickel	60-2	4547	4647	4407	4534	2.66	cps
Phosphorus	31-2	483	383	492	453	13.31	cps
Potassium	39-2	292311	296741	292810	293954	0.83	cps
Rhodium	103-1	3818196	3760831	3631559	3736862	2.56	cps
Rhodium	103-2	1741125	1791715	1757202	1763347	1.47	cps
Scandium	45-1	2811013	2821667	2694440	2775707	2.54	cps
Scandium	45-2	101580	106484	103969	104011	2.36	cps
Selenium	82-1	-31	-20	-119	-57	-95.60	cps
Selenium	77-2	3	3	20	9	108.30	cps
Selenium	78-2	66	60	51	59	12.79	cps
Silicon	28-1	18531791	19096335	18670621	18766249	1.57	cps
Silver	109-1	317	400	308	342	14.84	cps
Silver	107-1	708	433	408	517	32.23	cps
Sodium	23-2	31438229	31160138	30947601	31181989	0.79	cps
Strontium	86-1	53327	57201	55653	55394	3.52	cps
Strontium	88-1	449130	458490	460613	456078	1.34	cps
Sulfur	34-1	632233	630484	627858	630191	0.35	cps
Terbium	159-1	4333661	4331561	4216277	4293833	1.56	cps
Terbium	159-2	1912572	1971894	1932381	1938949	1.56	cps
Thallium	203-1	175	158	158	164	5.87	cps
Thallium	205-1	275	258	333	289	13.63	cps
Tin	118-1	1192	1367	1175	1245	8.53	cps
Titanium	47-1	65182	66354	64538	65358	1.41	cps
Uranium	238-1	3584	3859	4293	3912	9.13	cps
Vanadium	51-2	9647	9540	9590	9592	0.56	cps
Yttrium	89-1	7704549	7667856	7392528	7588311	2.25	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-03	Instrumnet Name :	P8
Client Sample ID :	49-PZ001(SBR)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:39:43	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	833375	870854	853019	852416	2.20	cps
Zinc	66-2	10401	9837	9964	10067	2.94	cps
Zirconium	90-1	2142	2434	2650	2409	10.59	cps
Zirconium	91-1	633	508	617	586	11.58	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-04 Instrumnet Name : P8
 Client Sample ID : 49-PZ003(DOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:42:31 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3010	2852	2806	2890	3.70	cps
Antimony	121-1	675	783	808	756	9.38	cps
Arsenic	75-2	16780	16935	16873	16862	0.46	cps
Barium	135-1	104124	106483	104737	105115	1.16	cps
Barium	137-1	175208	183855	181279	180114	2.46	cps
Beryllium	9-1	152	162	132	149	10.28	cps
Bismuth	209-1	2170556	2118540	2122700	2137266	1.35	cps
Bismuth	209-2	1247525	1237755	1252782	1246021	0.61	cps
Boron	10-1	3790	4400	4518	4236	9.23	cps
Boron	11-1	19217	21209	22503	20976	7.89	cps
Bromine	81-1	130991	162494	183460	158982	16.61	cps
Cadmium	111-1	1756	1709	1760	1742	1.62	cps
Cadmium	106-1	1942	1792	1758	1831	5.34	cps
Cadmium	108-1	46	58	54	53	12.06	cps
Calcium	43-1	1517312	1540382	1564271	1540655	1.52	cps
Calcium	44-1	25245117	25739644	26423988	25802916	2.29	cps
Chromium	52-2	2757	2804	2977	2846	4.07	cps
Cobalt	59-2	943	883	977	934	5.06	cps
Copper	63-2	1627	1613	1720	1653	3.52	cps
Dysprosium	156-1	317	442	308	356	21.01	cps
Dysprosium	156-2	133	143	160	146	9.25	cps
Erbium	164-1	425	383	400	403	5.21	cps
Erbium	164-2	153	190	140	161	16.07	cps
Gadolinium	160-1	283	383	325	331	15.20	cps
Gadolinium	160-2	137	167	147	150	10.18	cps
Holmium	165-1	3984572	3995933	3889965	3956823	1.47	cps
Holmium	165-2	1915430	1898150	1950634	1921405	1.39	cps
Indium	115-1	3846088	3870261	3862100	3859483	0.32	cps
Indium	115-2	616662	621193	620688	619514	0.40	cps
Iron	54-2	1327140	1340709	1329090	1332313	0.55	cps
Iron	56-2	24426981	24292779	24603702	24441154	0.64	cps
Iron	57-2	602815	609218	610310	607448	0.67	cps
Krypton	83-1	1723	1733	1767	1741	1.30	cps
Lead	206-1	650	761	878	763	14.93	cps
Lead	207-1	683	528	644	619	13.09	cps
Lead	208-1	3028	2967	3361	3119	6.81	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-04	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:42:31	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1605627	1551627	1590462	1582572	1.76	cps
Magnesium	24-2	580704	576722	579195	578874	0.35	cps
Manganese	55-2	2066277	2056211	2085635	2069374	0.72	cps
Molybdenum	94-1	6018	6485	6735	6413	5.68	cps
Molybdenum	95-1	8111	8344	8403	8286	1.86	cps
Molybdenum	96-1	9253	9403	9212	9289	1.08	cps
Molybdenum	97-1	4851	4859	5359	5023	5.80	cps
Molybdenum	98-1	12539	13415	13599	13184	4.29	cps
Neodymium	150-1	513	447	593	518	14.18	cps
Neodymium	150-2	143	177	160	160	10.42	cps
Nickel	60-2	2050	1967	1970	1996	2.36	cps
Phosphorus	31-2	383	475	408	422	11.22	cps
Potassium	39-2	960133	961200	958870	960068	0.12	cps
Rhodium	103-1	3677536	3689314	3669757	3678869	0.27	cps
Rhodium	103-2	1695289	1693288	1668666	1685748	0.88	cps
Scandium	45-1	2753700	2755464	2765585	2758249	0.23	cps
Scandium	45-2	103781	104533	104493	104269	0.41	cps
Selenium	82-1	101	78	88	89	13.32	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	47	50	55	51	7.98	cps
Silicon	28-1	9195112	9445483	9541454	9394016	1.90	cps
Silver	109-1	183	367	300	283	32.75	cps
Silver	107-1	258	325	408	331	22.74	cps
Sodium	23-2	161157829	162341233	161027683	161508915	0.45	cps
Strontium	86-1	1556252	1560417	1565614	1560761	0.30	cps
Strontium	88-1	12982452	13174920	13285544	13147639	1.17	cps
Sulfur	34-1	678294	682016	687455	682589	0.67	cps
Terbium	159-1	4261964	4275919	4269059	4268981	0.16	cps
Terbium	159-2	1960225	1919214	1926343	1935261	1.13	cps
Thallium	203-1	58	8	50	39	68.89	cps
Thallium	205-1	150	92	75	106	37.31	cps
Tin	118-1	567	583	633	594	5.84	cps
Titanium	47-1	2817	2959	3159	2978	5.77	cps
Uranium	238-1	2375	1884	1917	2059	13.35	cps
Vanadium	51-2	1290	1223	1220	1245	3.17	cps
Yttrium	89-1	7636807	7542245	7614972	7598008	0.65	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-04	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:42:31	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	848608	848258	841110	845992	0.50	cps
Zinc	66-2	1263	1313	1250	1276	2.62	cps
Zirconium	90-1	4459	4984	4959	4801	6.17	cps
Zirconium	91-1	1142	975	1158	1092	9.29	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-05 Instrumnet Name : P8
 Client Sample ID : 49-PZ004(DOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 18:45:21 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2627	2665	2601	2631	1.22	cps
Antimony	121-1	408	350	483	414	16.15	cps
Arsenic	75-2	274	288	307	290	5.72	cps
Barium	135-1	29508	30986	29040	29845	3.40	cps
Barium	137-1	51013	50729	52477	51406	1.82	cps
Beryllium	9-1	160	116	124	133	17.58	cps
Bismuth	209-1	2239178	2218497	2163016	2206897	1.78	cps
Bismuth	209-2	1264867	1287401	1283282	1278517	0.94	cps
Boron	10-1	934	1024	950	969	4.95	cps
Boron	11-1	4690	4638	4508	4612	2.03	cps
Bromine	81-1	63488	68626	73495	68536	7.30	cps
Cadmium	111-1	18252	18635	19095	18660	2.26	cps
Cadmium	106-1	3426	3459	3409	3431	0.74	cps
Cadmium	108-1	1283	1204	1158	1215	5.20	cps
Calcium	43-1	478640	491039	489138	486272	1.37	cps
Calcium	44-1	8100596	8193392	8067148	8120379	0.81	cps
Chromium	52-2	1493	1477	1423	1465	2.50	cps
Cobalt	59-2	2914	3070	2894	2959	3.27	cps
Copper	63-2	2044	1880	2037	1987	4.65	cps
Dysprosium	156-1	100	92	75	89	14.32	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	67	108	42	72	46.63	cps
Erbium	164-2	40	27	33	33	20.00	cps
Gadolinium	160-1	58	83	100	81	26.04	cps
Gadolinium	160-2	37	47	37	40	14.43	cps
Holmium	165-1	4029889	3968303	4023490	4007227	0.84	cps
Holmium	165-2	1964045	1925814	1978593	1956151	1.39	cps
Indium	115-1	4041283	4007479	3921514	3990092	1.55	cps
Indium	115-2	628333	630381	628876	629197	0.17	cps
Iron	54-2	69998	68982	68469	69150	1.13	cps
Iron	56-2	1250522	1254794	1252474	1252597	0.17	cps
Iron	57-2	32265	31296	30477	31346	2.85	cps
Krypton	83-1	1800	1677	1790	1756	3.90	cps
Lead	206-1	1322	1495	1306	1374	7.61	cps
Lead	207-1	1033	1111	1078	1074	3.63	cps
Lead	208-1	5100	5445	5156	5234	3.53	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:45:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1672628	1594572	1611076	1626092	2.53	cps
Magnesium	24-2	389338	387616	387778	388244	0.24	cps
Manganese	55-2	48218	48195	48776	48396	0.68	cps
Molybdenum	94-1	300	300	358	319	10.54	cps
Molybdenum	95-1	275	233	208	239	14.10	cps
Molybdenum	96-1	300	392	275	322	19.06	cps
Molybdenum	97-1	142	117	142	133	10.83	cps
Molybdenum	98-1	375	500	375	417	17.32	cps
Neodymium	150-1	133	113	113	120	9.62	cps
Neodymium	150-2	43	30	20	31	37.62	cps
Nickel	60-2	4121	4191	4501	4271	4.74	cps
Phosphorus	31-2	175	175	183	178	2.71	cps
Potassium	39-2	290380	292589	293753	292241	0.59	cps
Rhodium	103-1	3805469	3793030	3683027	3760508	1.79	cps
Rhodium	103-2	1754911	1762647	1724964	1747508	1.14	cps
Scandium	45-1	2873675	2828960	2744082	2815572	2.34	cps
Scandium	45-2	104412	103510	104469	104131	0.52	cps
Selenium	82-1	-25	191	108	91	119.17	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	55	49	60	55	10.07	cps
Silicon	28-1	3255734	3328194	3325626	3303185	1.24	cps
Silver	109-1	550	492	583	542	8.57	cps
Silver	107-1	600	633	558	597	6.29	cps
Sodium	23-2	70882247	70085029	70567989	70511755	0.57	cps
Strontium	86-1	266075	269657	272280	269337	1.16	cps
Strontium	88-1	2242124	2276526	2328512	2282387	1.91	cps
Sulfur	34-1	630895	639392	639717	636668	0.79	cps
Terbium	159-1	4389665	4386823	4268625	4348371	1.59	cps
Terbium	159-2	1948871	1964178	1930734	1947927	0.86	cps
Thallium	203-1	42	92	92	75	38.49	cps
Thallium	205-1	217	233	267	239	10.66	cps
Tin	118-1	983	1183	1208	1125	10.96	cps
Titanium	47-1	2800	3059	2617	2825	7.86	cps
Uranium	238-1	183	300	217	233	25.75	cps
Vanadium	51-2	250	307	243	267	13.05	cps
Yttrium	89-1	7678469	7549172	7603257	7610299	0.85	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-05	Instrumnet Name :	P8
Client Sample ID :	49-PZ004(DOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 18:45:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	855933	856138	851434	854502	0.31	cps
Zinc	66-2	28395	28489	27974	28286	0.97	cps
Zirconium	90-1	442	608	525	525	15.87	cps
Zirconium	91-1	100	92	142	111	24.11	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCV21 Instrumnet Name : P8
 Client Sample ID : CCV21 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:02:06 DataFile Name : 069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1132971	1135220	1133757	1133982	0.10	cps
Antimony	121-1	1680711	1770445	1749921	1733692	2.71	cps
Arsenic	75-2	62874	62914	62974	62921	0.08	cps
Barium	135-1	1764277	1811593	1817469	1797779	1.62	cps
Barium	137-1	3096600	3095594	3128616	3106936	0.60	cps
Beryllium	9-1	398989	413763	414254	409002	2.12	cps
Bismuth	209-1	2144359	2153265	2150308	2149311	0.21	cps
Bismuth	209-2	1220776	1243181	1229661	1231206	0.92	cps
Boron	10-1	27891	31942	33287	31040	9.05	cps
Boron	11-1	135188	150759	162912	149620	9.29	cps
Bromine	81-1	4766	4896	4686	4782	2.22	cps
Cadmium	111-1	371328	373514	379370	374737	1.11	cps
Cadmium	106-1	41647	41438	42608	41898	1.49	cps
Cadmium	108-1	26943	28446	27953	27781	2.76	cps
Calcium	43-1	2141214	2219754	2190001	2183657	1.82	cps
Calcium	44-1	35771291	36432357	36338621	36180757	0.99	cps
Chromium	52-2	501604	501418	501338	501453	0.03	cps
Cobalt	59-2	865952	855586	849772	857103	0.96	cps
Copper	63-2	6035803	6036716	6011261	6027927	0.24	cps
Dysprosium	156-1	283	283	358	308	14.04	cps
Dysprosium	156-2	200	177	173	183	7.92	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	33	23	23	27	21.65	cps
Gadolinium	160-1	275	400	392	356	19.66	cps
Gadolinium	160-2	190	177	240	202	16.51	cps
Holmium	165-1	3911176	3974110	3940531	3941939	0.80	cps
Holmium	165-2	1911866	1898189	1911315	1907123	0.41	cps
Indium	115-1	3776942	3761562	3846663	3795056	1.19	cps
Indium	115-2	601225	606339	610896	606153	0.80	cps
Iron	54-2	5151925	5194427	5183201	5176517	0.43	cps
Iron	56-2	91946749	93177616	92472005	92532123	0.67	cps
Iron	57-2	2363992	2381202	2325576	2356923	1.21	cps
Krypton	83-1	2110	1780	1723	1871	11.16	cps
Lead	206-1	4284467	4338481	4350427	4324458	0.81	cps
Lead	207-1	3849541	3867686	3927308	3881511	1.05	cps
Lead	208-1	17153528	17319541	17569629	17347566	1.21	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:02:06	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1502376	1499290	1497178	1499614	0.17	cps
Magnesium	24-2	17267263	17151578	17159496	17192779	0.38	cps
Manganese	55-2	2424065	2450406	2447888	2440786	0.60	cps
Molybdenum	94-1	3337720	3446949	3385996	3390222	1.61	cps
Molybdenum	95-1	4036792	4061763	4172647	4090401	1.77	cps
Molybdenum	96-1	4443439	4572925	4602111	4539492	1.86	cps
Molybdenum	97-1	2498546	2572686	2600000	2557077	2.05	cps
Molybdenum	98-1	6430130	6560860	6599104	6530031	1.36	cps
Neodymium	150-1	153	107	67	109	39.84	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	228049	225774	227088	226970	0.50	cps
Phosphorus	31-2	15717	16193	16068	15993	1.54	cps
Potassium	39-2	6861013	6943830	6956812	6920552	0.75	cps
Rhodium	103-1	3612646	3666469	3708227	3662447	1.31	cps
Rhodium	103-2	1677773	1687076	1693015	1685955	0.46	cps
Scandium	45-1	2678397	2706339	2779613	2721450	1.92	cps
Scandium	45-2	103006	104909	102377	103431	1.27	cps
Selenium	82-1	26064	26964	26888	26639	1.87	cps
Selenium	77-2	893	860	833	862	3.49	cps
Selenium	78-2	2904	3015	2983	2967	1.93	cps
Silicon	28-1	2322377	2402561	2484005	2402981	3.36	cps
Silver	109-1	1821427	1837192	1828270	1828963	0.43	cps
Silver	107-1	1911678	1930320	1924608	1922202	0.50	cps
Sodium	23-2	37855205	37893563	38147377	37965382	0.42	cps
Strontium	86-1	539345	559424	554371	551047	1.90	cps
Strontium	88-1	4595003	4694384	4708536	4665975	1.33	cps
Sulfur	34-1	717436	726321	714159	719305	0.87	cps
Terbium	159-1	4230269	4335489	4322384	4296048	1.33	cps
Terbium	159-2	1872427	1903998	1915632	1897352	1.18	cps
Thallium	203-1	973374	987546	1008658	989859	1.79	cps
Thallium	205-1	2399821	2389728	2407726	2399092	0.38	cps
Tin	118-1	1192525	1226359	1223395	1214093	1.54	cps
Titanium	47-1	1233602	1244624	1271677	1249968	1.57	cps
Uranium	238-1	2921581	2909963	2946539	2926028	0.64	cps
Vanadium	51-2	421150	420378	420022	420517	0.14	cps
Yttrium	89-1	7450431	7482072	7567206	7499903	0.81	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:02:06	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	837881	840953	837303	838712	0.23	cps
Zinc	66-2	819104	824985	815657	819915	0.58	cps
Zirconium	90-1	2831650	2854874	2930617	2872381	1.80	cps
Zirconium	91-1	628291	632647	643587	634842	1.24	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:21:07 DataFile Name : 070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352	366	310	343	8.55	cps
Antimony	121-1	58	42	33	44	28.65	cps
Arsenic	75-2	6	7	7	7	8.66	cps
Barium	135-1	50	42	33	42	20.00	cps
Barium	137-1	50	58	58	56	8.66	cps
Beryllium	9-1	118	108	154	127	19.10	cps
Bismuth	209-1	2193014	2146746	2148320	2162693	1.21	cps
Bismuth	209-2	1218421	1215901	1219575	1217966	0.15	cps
Boron	10-1	460	412	396	423	7.88	cps
Boron	11-1	1940	2014	2032	1995	2.44	cps
Bromine	81-1	4125	3995	3724	3948	5.17	cps
Cadmium	111-1	1076	994	1128	1066	6.32	cps
Cadmium	106-1	1542	1417	1600	1520	6.16	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	266	206	215	229	14.14	cps
Calcium	44-1	14728	14670	14641	14680	0.30	cps
Chromium	52-2	473	527	477	492	6.07	cps
Cobalt	59-2	77	77	80	78	2.47	cps
Copper	63-2	637	613	643	631	2.50	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	3757878	3810116	3753564	3773852	0.83	cps
Holmium	165-2	1798796	1773469	1776659	1782975	0.77	cps
Indium	115-1	3695204	3778758	3700787	3724916	1.25	cps
Indium	115-2	587608	578089	581934	582544	0.82	cps
Iron	54-2	433	400	378	404	6.93	cps
Iron	56-2	3123	3345	3500	3323	5.72	cps
Iron	57-2	72	178	150	133	41.04	cps
Krypton	83-1	1790	1810	1720	1773	2.67	cps
Lead	206-1	256	206	322	261	22.42	cps
Lead	207-1	294	300	183	259	25.38	cps
Lead	208-1	1156	1206	1078	1146	5.62	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:21:07	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1432928	1456157	1447895	1445660	0.81	cps
Magnesium	24-2	950	850	1017	939	8.94	cps
Manganese	55-2	113	117	153	128	17.37	cps
Molybdenum	94-1	192	50	83	108	68.37	cps
Molybdenum	95-1	50	33	8	31	68.64	cps
Molybdenum	96-1	67	75	33	58	37.80	cps
Molybdenum	97-1	8	8	8	8	0.00	cps
Molybdenum	98-1	75	42	25	47	53.91	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	100	100	93	12.37	cps
Phosphorus	31-2	192	108	167	156	27.49	cps
Potassium	39-2	30566	29731	29781	30026	1.56	cps
Rhodium	103-1	3638626	3662978	3581802	3627802	1.15	cps
Rhodium	103-2	1671798	1668588	1674320	1671569	0.17	cps
Scandium	45-1	2578875	2634593	2554558	2589342	1.58	cps
Scandium	45-2	97518	96646	96951	97038	0.46	cps
Selenium	82-1	48	38	182	90	89.89	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	37	42	45	41	9.78	cps
Silicon	28-1	1271592	1275485	1271231	1272770	0.19	cps
Silver	109-1	83	83	83	83	0.00	cps
Silver	107-1	100	133	108	114	15.23	cps
Sodium	23-2	65296	64886	64283	64822	0.79	cps
Strontium	86-1	2950	3009	3067	3009	1.94	cps
Strontium	88-1	225	200	275	233	16.37	cps
Sulfur	34-1	563178	563038	566227	564148	0.32	cps
Terbium	159-1	4084648	4113809	4056592	4085016	0.70	cps
Terbium	159-2	1799266	1778543	1814746	1797519	1.01	cps
Thallium	203-1	58	75	142	92	48.10	cps
Thallium	205-1	192	208	292	231	23.24	cps
Tin	118-1	175	175	317	222	36.84	cps
Titanium	47-1	317	325	250	297	13.83	cps
Uranium	238-1	17	0	0	6	173.21	cps
Vanadium	51-2	13	13	17	14	13.35	cps
Yttrium	89-1	7119603	7257802	7251944	7209783	1.08	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:21:07	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	788443	787215	781537	785732	0.47	cps
Zinc	66-2	163	217	207	196	14.50	cps
Zirconium	90-1	233	275	250	253	8.30	cps
Zirconium	91-1	33	50	75	53	39.74	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-06 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SOB)-121620 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:29:03 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	474	510	534	506	5.97	cps
Antimony	121-1	192	175	175	181	5.33	cps
Arsenic	75-2	1414	1557	1472	1481	4.86	cps
Barium	135-1	75460	74220	75301	74994	0.90	cps
Barium	137-1	130374	130441	129878	130231	0.24	cps
Beryllium	9-1	124	124	122	123	0.94	cps
Bismuth	209-1	2232281	2220236	2206162	2219560	0.59	cps
Bismuth	209-2	1261366	1295866	1290126	1282453	1.44	cps
Boron	10-1	2212	2398	2598	2402	8.03	cps
Boron	11-1	10740	12185	12829	11918	8.98	cps
Bromine	81-1	55376	69653	80441	68490	18.36	cps
Cadmium	111-1	1113	1234	1149	1165	5.32	cps
Cadmium	106-1	1567	1734	1617	1639	5.22	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	978547	998882	994751	990727	1.08	cps
Calcium	44-1	16384568	16854696	16557885	16599050	1.43	cps
Chromium	52-2	973	900	937	937	3.91	cps
Cobalt	59-2	2857	2800	2680	2779	3.25	cps
Copper	63-2	890	1073	1003	989	9.36	cps
Dysprosium	156-1	133	100	133	122	15.75	cps
Dysprosium	156-2	30	57	30	39	39.59	cps
Erbium	164-1	83	92	133	103	26.06	cps
Erbium	164-2	50	47	53	50	6.66	cps
Gadolinium	160-1	42	125	125	97	49.48	cps
Gadolinium	160-2	60	60	63	61	3.15	cps
Holmium	165-1	3990755	4065805	4070389	4042316	1.11	cps
Holmium	165-2	1948333	1973970	1972713	1965005	0.74	cps
Indium	115-1	3951842	3916539	3988635	3952339	0.91	cps
Indium	115-2	616960	627137	624609	622902	0.85	cps
Iron	54-2	366866	364364	365164	365465	0.35	cps
Iron	56-2	6615890	6742625	6729815	6696110	1.04	cps
Iron	57-2	165061	165572	166410	165681	0.41	cps
Krypton	83-1	1670	1760	1763	1731	3.06	cps
Lead	206-1	267	311	439	339	26.38	cps
Lead	207-1	300	328	206	278	23.07	cps
Lead	208-1	1289	1422	1345	1352	4.95	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:29:03	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1550435	1530006	1550372	1543604	0.76	cps
Magnesium	24-2	684039	680911	679623	681524	0.33	cps
Manganese	55-2	5508374	5480491	5491333	5493399	0.26	cps
Molybdenum	94-1	1167	1183	1183	1178	0.82	cps
Molybdenum	95-1	1475	1283	1425	1395	7.13	cps
Molybdenum	96-1	1267	1367	1633	1422	13.33	cps
Molybdenum	97-1	833	617	742	731	14.89	cps
Molybdenum	98-1	1909	1900	2009	1939	3.11	cps
Neodymium	150-1	113	53	93	87	35.26	cps
Neodymium	150-2	37	30	33	33	10.01	cps
Nickel	60-2	973	1050	1063	1029	4.72	cps
Phosphorus	31-2	183	175	158	172	7.39	cps
Potassium	39-2	391142	390662	394825	392210	0.58	cps
Rhodium	103-1	3774015	3771338	3769778	3771711	0.06	cps
Rhodium	103-2	1746683	1710496	1716521	1724567	1.12	cps
Scandium	45-1	2741520	2862783	2833706	2812670	2.25	cps
Scandium	45-2	103949	104482	105074	104502	0.54	cps
Selenium	82-1	160	100	156	139	23.96	cps
Selenium	77-2	0	0	17	6	173.21	cps
Selenium	78-2	52	49	59	53	9.62	cps
Silicon	28-1	12597044	12639358	12669077	12635160	0.29	cps
Silver	109-1	92	67	33	64	45.81	cps
Silver	107-1	117	75	117	103	23.41	cps
Sodium	23-2	75733195	74681964	75371527	75262229	0.71	cps
Strontium	86-1	867847	872252	876831	872310	0.52	cps
Strontium	88-1	7252070	7351695	7372042	7325269	0.88	cps
Sulfur	34-1	682256	691462	691627	688448	0.78	cps
Terbium	159-1	4437071	4408255	4427966	4424431	0.33	cps
Terbium	159-2	1924713	1968769	1944088	1945857	1.13	cps
Thallium	203-1	67	125	83	92	32.77	cps
Thallium	205-1	225	175	125	175	28.57	cps
Tin	118-1	317	517	392	408	24.74	cps
Titanium	47-1	592	517	508	539	8.52	cps
Uranium	238-1	3834	4176	4167	4059	4.80	cps
Vanadium	51-2	303	287	307	299	3.59	cps
Yttrium	89-1	7645412	7652389	7658461	7652087	0.09	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-06	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SOB)-121620	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:29:03	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	847165	853299	855067	851844	0.49	cps
Zinc	66-2	377	330	427	378	12.80	cps
Zirconium	90-1	1242	1142	1158	1181	4.54	cps
Zirconium	91-1	225	258	233	239	7.26	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-06DLX5 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SOB)-121620I Dilution Factor : 5
 Date & Time Acquired :: 2020-12-24 19:41:32 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401	369	457	409	10.97	cps
Antimony	121-1	92	92	217	133	54.13	cps
Arsenic	75-2	286	266	282	278	3.81	cps
Barium	135-1	14016	13641	13674	13777	1.51	cps
Barium	137-1	23855	23496	25458	24270	4.30	cps
Beryllium	9-1	180	176	172	176	2.27	cps
Bismuth	209-1	2060357	2004275	2217216	2093949	5.27	cps
Bismuth	209-2	1266252	1280096	1253869	1266739	1.04	cps
Boron	10-1	1154	1140	1172	1155	1.39	cps
Boron	11-1	5312	5560	5634	5502	3.07	cps
Bromine	81-1	14182	17258	19544	16995	15.83	cps
Cadmium	111-1	1073	1175	1083	1110	5.06	cps
Cadmium	106-1	1525	1667	1533	1575	5.05	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	185145	186959	187161	186422	0.60	cps
Calcium	44-1	3153542	3226233	3248345	3209373	1.55	cps
Chromium	52-2	737	667	677	693	5.46	cps
Cobalt	59-2	577	607	567	583	3.57	cps
Copper	63-2	850	847	937	878	5.81	cps
Dysprosium	156-1	0	50	42	31	87.67	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	25	33	67	42	52.92	cps
Gadolinium	160-2	23	23	20	22	8.65	cps
Holmium	165-1	3810475	3590522	3971431	3790810	5.04	cps
Holmium	165-2	1910730	1896666	1869236	1892211	1.12	cps
Indium	115-1	3681613	3468302	3909336	3686417	5.98	cps
Indium	115-2	609944	608707	606515	608389	0.29	cps
Iron	54-2	70166	70484	70199	70283	0.25	cps
Iron	56-2	1253308	1266028	1249180	1256172	0.70	cps
Iron	57-2	32114	32844	31719	32226	1.77	cps
Krypton	83-1	1913	1940	1883	1912	1.48	cps
Lead	206-1	294	394	372	354	14.85	cps
Lead	207-1	306	272	294	291	5.84	cps
Lead	208-1	1244	1356	1228	1276	5.44	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : L5146-06DLX5 Instrumnet Name : P8
 Client Sample ID : 49-PZ002(SOB)-121620I Dilution Factor : 5
 Date & Time Acquired :: 2020-12-24 19:41:32 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1444569	1356768	1548657	1449998	6.62	cps
Magnesium	24-2	130236	129186	129707	129710	0.40	cps
Manganese	55-2	1048703	1045942	1036411	1043685	0.62	cps
Molybdenum	94-1	333	250	292	292	14.29	cps
Molybdenum	95-1	175	233	350	253	35.25	cps
Molybdenum	96-1	325	300	400	342	15.23	cps
Molybdenum	97-1	158	142	200	167	18.03	cps
Molybdenum	98-1	492	533	417	481	12.30	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	280	270	203	251	16.60	cps
Phosphorus	31-2	150	200	133	161	21.53	cps
Potassium	39-2	98032	98417	99265	98571	0.64	cps
Rhodium	103-1	3610426	3372693	3813349	3598823	6.13	cps
Rhodium	103-2	1704031	1688862	1682177	1691690	0.66	cps
Scandium	45-1	2653128	2485205	2789454	2642595	5.77	cps
Scandium	45-2	100435	101797	101280	101171	0.68	cps
Selenium	82-1	-92	-10	-13	-39	-120.80	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	50	44	51	48	7.84	cps
Silicon	28-1	3400921	3448679	3457772	3435791	0.89	cps
Silver	109-1	67	108	75	83	26.46	cps
Silver	107-1	125	100	167	131	25.80	cps
Sodium	23-2	14158414	14260223	14204144	14207594	0.36	cps
Strontium	86-1	166390	163415	167536	165780	1.28	cps
Strontium	88-1	1382736	1386492	1406329	1391852	0.91	cps
Sulfur	34-1	582677	582614	588107	584466	0.54	cps
Terbium	159-1	4080793	3791270	4286165	4052742	6.14	cps
Terbium	159-2	1920111	1925898	1881708	1909239	1.26	cps
Thallium	203-1	167	250	117	178	37.89	cps
Thallium	205-1	300	333	392	342	13.58	cps
Tin	118-1	292	258	225	258	12.90	cps
Titanium	47-1	342	350	350	347	1.39	cps
Uranium	238-1	625	817	767	736	13.51	cps
Vanadium	51-2	67	50	43	53	22.54	cps
Yttrium	89-1	7200294	6667887	7502656	7123612	5.93	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	L5146-06DLX5	Instrumnet Name :	P8
Client Sample ID :	49-PZ002(SOB)-121620I	Dilution Factor :	5
Date & Time Acquired ::	2020-12-24 19:41:32	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	823861	823387	818405	821885	0.37	cps
Zinc	66-2	140	273	253	222	32.36	cps
Zirconium	90-1	442	417	542	467	14.17	cps
Zirconium	91-1	100	92	67	86	20.14	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCV22 Instrumnet Name : P8
 Client Sample ID : CCV22 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:44:20 DataFile Name : 074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1113283	1118010	1133482	1121592	0.94	cps
Antimony	121-1	1637555	1701847	1688513	1675972	2.02	cps
Arsenic	75-2	60648	61266	62180	61365	1.26	cps
Barium	135-1	1723253	1760837	1760149	1748080	1.23	cps
Barium	137-1	2944726	3053164	3035374	3011088	1.93	cps
Beryllium	9-1	400007	412659	413629	408765	1.86	cps
Bismuth	209-1	2062701	2124957	2093994	2093884	1.49	cps
Bismuth	209-2	1217230	1218809	1083471	1173170	6.62	cps
Boron	10-1	27642	31477	34107	31075	10.46	cps
Boron	11-1	135805	153874	165549	151743	9.88	cps
Bromine	81-1	7339	7370	7019	7243	2.68	cps
Cadmium	111-1	360197	369953	375005	368385	2.04	cps
Cadmium	106-1	39708	41003	41513	40741	2.28	cps
Cadmium	108-1	26546	26918	27786	27084	2.35	cps
Calcium	43-1	2072992	2130646	2206202	2136613	3.13	cps
Calcium	44-1	34471142	35657098	36578484	35568908	2.97	cps
Chromium	52-2	489519	490893	497086	492499	0.82	cps
Cobalt	59-2	834432	840431	846835	840566	0.74	cps
Copper	63-2	5904338	5905923	5977916	5929393	0.71	cps
Dysprosium	156-1	258	325	233	272	17.41	cps
Dysprosium	156-2	173	173	170	172	1.12	cps
Erbium	164-1	67	142	75	94	43.53	cps
Erbium	164-2	47	23	30	33	36.07	cps
Gadolinium	160-1	392	383	417	397	4.37	cps
Gadolinium	160-2	183	153	193	177	11.78	cps
Holmium	165-1	3865302	3901218	3888077	3884865	0.47	cps
Holmium	165-2	1859324	1857534	1653998	1790285	6.59	cps
Indium	115-1	3772715	3698366	3754469	3741850	1.04	cps
Indium	115-2	593983	597617	523286	571629	7.33	cps
Iron	54-2	4921030	4973941	5058193	4984388	1.39	cps
Iron	56-2	89810021	89458994	90934721	90067912	0.86	cps
Iron	57-2	2294416	2286822	2339414	2306884	1.23	cps
Krypton	83-1	1663	1830	1677	1723	5.37	cps
Lead	206-1	4137981	4301125	4299331	4246146	2.21	cps
Lead	207-1	3778736	3834354	3861690	3824926	1.11	cps
Lead	208-1	16794021	17142410	17317736	17084722	1.56	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCV22 Instrumnet Name : P8
 Client Sample ID : CCV22 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:44:20 DataFile Name : 074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1472557	1446545	1453689	1457597	0.92	cps
Magnesium	24-2	17163216	17012075	17012717	17062669	0.51	cps
Manganese	55-2	2345941	2372737	2404554	2374411	1.24	cps
Molybdenum	94-1	3189020	3336181	3400037	3308412	3.27	cps
Molybdenum	95-1	3891167	4024716	4074016	3996633	2.37	cps
Molybdenum	96-1	4295359	4441671	4558284	4431771	2.97	cps
Molybdenum	97-1	2402336	2497227	2543088	2480884	2.89	cps
Molybdenum	98-1	6197120	6362418	6477248	6345595	2.22	cps
Neodymium	150-1	120	80	113	104	20.52	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	219443	223730	225822	222998	1.46	cps
Phosphorus	31-2	15667	15058	15525	15417	2.07	cps
Potassium	39-2	6785898	6752262	6821840	6786667	0.51	cps
Rhodium	103-1	3556788	3639863	3612985	3603212	1.18	cps
Rhodium	103-2	1665595	1644286	1436925	1582269	7.98	cps
Scandium	45-1	2632073	2687846	2767769	2695896	2.53	cps
Scandium	45-2	101364	101753	91142	98086	6.13	cps
Selenium	82-1	25882	26144	26664	26230	1.52	cps
Selenium	77-2	827	837	740	801	6.64	cps
Selenium	78-2	2703	2871	2925	2833	4.09	cps
Silicon	28-1	2345898	2468337	2563386	2459207	4.43	cps
Silver	109-1	1738465	1773422	1777887	1763258	1.22	cps
Silver	107-1	1828813	1887916	1868698	1861809	1.62	cps
Sodium	23-2	34852450	34796666	34868480	34839199	0.11	cps
Strontium	86-1	527735	544669	548226	540210	2.03	cps
Strontium	88-1	4451825	4614484	4666683	4577664	2.45	cps
Sulfur	34-1	701082	705245	711449	705926	0.74	cps
Terbium	159-1	4212422	4171007	4157450	4180293	0.69	cps
Terbium	159-2	1894187	1907017	1651006	1817403	7.94	cps
Thallium	203-1	970339	988228	1006398	988322	1.82	cps
Thallium	205-1	2268970	2387867	2404305	2353714	3.14	cps
Tin	118-1	1166133	1188953	1206574	1187220	1.71	cps
Titanium	47-1	1166802	1228228	1221464	1205498	2.79	cps
Uranium	238-1	2811293	2868935	2883864	2854697	1.34	cps
Vanadium	51-2	408564	411747	418506	412939	1.23	cps
Yttrium	89-1	7361512	7427230	7296057	7361600	0.89	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:44:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	815919	829100	726253	790424	7.08	cps
Zinc	66-2	796614	799521	811690	802608	1.00	cps
Zirconium	90-1	2727433	2808237	2805351	2780340	1.65	cps
Zirconium	91-1	604711	626276	635645	622211	2.55	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:53:33 DataFile Name : 075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370	397	402	390	4.49	cps
Antimony	121-1	183	117	167	156	22.30	cps
Arsenic	75-2	8	12	8	9	24.74	cps
Barium	135-1	67	25	42	44	47.19	cps
Barium	137-1	83	58	67	69	18.33	cps
Beryllium	9-1	168	178	140	162	12.16	cps
Bismuth	209-1	2023589	2129865	2158424	2103960	3.38	cps
Bismuth	209-2	1239221	1247890	1242750	1243287	0.35	cps
Boron	10-1	876	916	852	881	3.67	cps
Boron	11-1	4502	4312	4246	4353	3.05	cps
Bromine	81-1	3875	4155	4225	4085	4.54	cps
Cadmium	111-1	1090	1030	1041	1054	3.01	cps
Cadmium	106-1	1533	1450	1500	1495	2.81	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	222	224	247	231	6.09	cps
Calcium	44-1	14611	15015	14403	14676	2.12	cps
Chromium	52-2	533	497	530	520	3.90	cps
Cobalt	59-2	80	77	40	66	33.86	cps
Copper	63-2	873	850	883	869	1.97	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	25	33	19	89.21	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	3549969	3784734	3796849	3710517	3.75	cps
Holmium	165-2	1845065	1866889	1807200	1839718	1.64	cps
Indium	115-1	3534846	3759443	3767367	3687219	3.58	cps
Indium	115-2	601481	601676	605142	602767	0.34	cps
Iron	54-2	367	444	461	424	11.89	cps
Iron	56-2	4140	3967	3751	3952	4.93	cps
Iron	57-2	133	133	161	143	11.24	cps
Krypton	83-1	1883	1900	1867	1883	0.89	cps
Lead	206-1	400	328	389	372	10.45	cps
Lead	207-1	339	350	344	344	1.61	cps
Lead	208-1	1678	1445	1611	1578	7.62	cps

LB Number : LB112541 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-24 19:53:33 DataFile Name : 075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1384908	1406414	1448376	1413233	2.28	cps
Magnesium	24-2	892	1217	1042	1050	15.49	cps
Manganese	55-2	207	153	247	202	23.15	cps
Molybdenum	94-1	117	125	117	119	4.03	cps
Molybdenum	95-1	92	42	33	56	56.79	cps
Molybdenum	96-1	125	100	108	111	11.46	cps
Molybdenum	97-1	83	25	17	42	87.18	cps
Molybdenum	98-1	142	67	100	103	36.56	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	93	103	94	8.88	cps
Phosphorus	31-2	192	158	175	175	9.52	cps
Potassium	39-2	30416	29022	31168	30202	3.61	cps
Rhodium	103-1	3477663	3693076	3692110	3620950	3.43	cps
Rhodium	103-2	1727025	1720475	1707603	1718368	0.58	cps
Scandium	45-1	2480725	2648508	2664271	2597835	3.92	cps
Scandium	45-2	99474	99354	99196	99341	0.14	cps
Selenium	82-1	-20	-12	80	16	353.28	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	51	53	54	53	2.90	cps
Silicon	28-1	1268851	1260506	1272426	1267261	0.48	cps
Silver	109-1	125	58	100	94	35.66	cps
Silver	107-1	142	100	117	119	17.56	cps
Sodium	23-2	62886	64526	61924	63112	2.09	cps
Strontium	86-1	2984	3092	3017	3031	1.83	cps
Strontium	88-1	267	250	333	283	15.56	cps
Sulfur	34-1	550651	559088	553052	554264	0.78	cps
Terbium	159-1	3870298	4067362	4095563	4011074	3.06	cps
Terbium	159-2	1845596	1888156	1838885	1857546	1.44	cps
Thallium	203-1	133	133	192	153	22.04	cps
Thallium	205-1	375	317	400	364	11.75	cps
Tin	118-1	117	92	200	136	41.68	cps
Titanium	47-1	258	342	275	292	15.12	cps
Uranium	238-1	42	42	25	36	26.65	cps
Vanadium	51-2	13	13	17	14	13.35	cps
Yttrium	89-1	6840146	7227213	7270636	7112665	3.33	cps

LB Number :	LB112541	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-12-24 19:53:33	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	810009	807882	819455	812449	0.76	cps
Zinc	66-2	203	137	137	159	24.23	cps
Zirconium	90-1	325	250	225	267	19.51	cps
Zirconium	91-1	67	83	42	64	32.83	cps