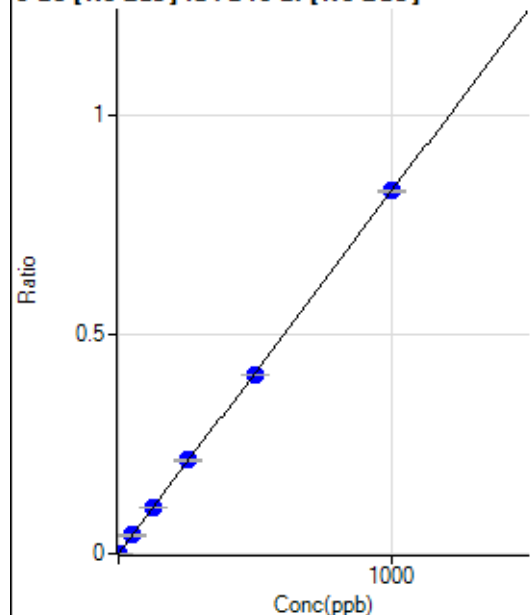


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7122120IMS.b\
Analysis File: P7122120IMS.batch.bin
DA Date-Time: 2020-12-21 21:22:04
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2020-12-21 20:30:56
2	005CALS.d	S02	2020-12-21 20:34:28
3	006CALS.d	S03	2020-12-21 20:38:01
4	007CALS.d	S04	2020-12-21 20:41:34
5	008CALS.d	S05	2020-12-21 20:45:06
6	009CALS.d	S06	2020-12-21 20:48:35
7	010CALS.d	S07	2020-12-21 20:51:58
8	012CALS.d	S08	2020-12-21 21:09:14

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.04	0.0000	P	31.2
2	☐	1.000	0.879	1401.94	0.0007	P	5.1
3	☐	50.000	50.401	78953.98	0.0418	P	1.2
4	☐	125.000	128.544	200004.10	0.1065	P	1.0
5	☐	250.000	258.229	398230.25	0.2138	P	0.9
6	☐	500.000	493.234	751050.92	0.4084	P	0.8
7	☐	1000.000	1000.863	1501357.27	0.8288	P	0.5
8	☐			112.96	0.0001	P	32.7

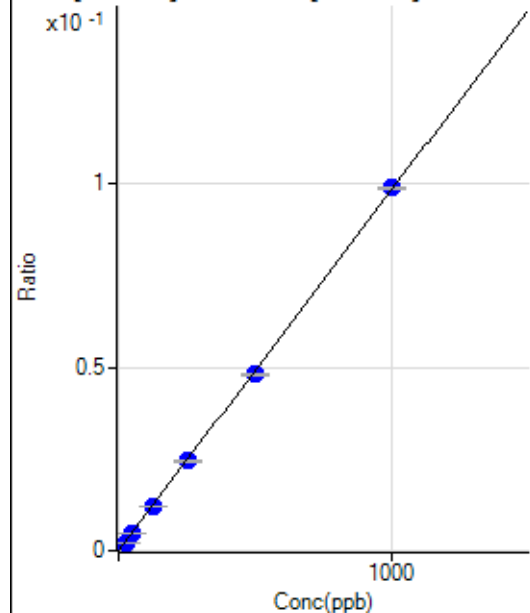
$$y = 8.2803E-004 * x + 1.9627E-005$$

$$R = 0.9999$$

$$DL = 0.02218$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	48.1
2	☐	25.000	22.817	4267.37	0.0023	P	1.3
3	☐	50.000	47.536	8891.71	0.0047	P	3.6
4	☐	125.000	123.162	22789.73	0.0121	P	3.0
5	☐	250.000	249.186	45646.92	0.0245	P	1.3
6	☐	500.000	488.219	88259.10	0.0480	P	1.6
7	☐	1000.000	1006.502	179184.10	0.0989	P	0.7
8	☐			613.92	0.0003	P	7.5

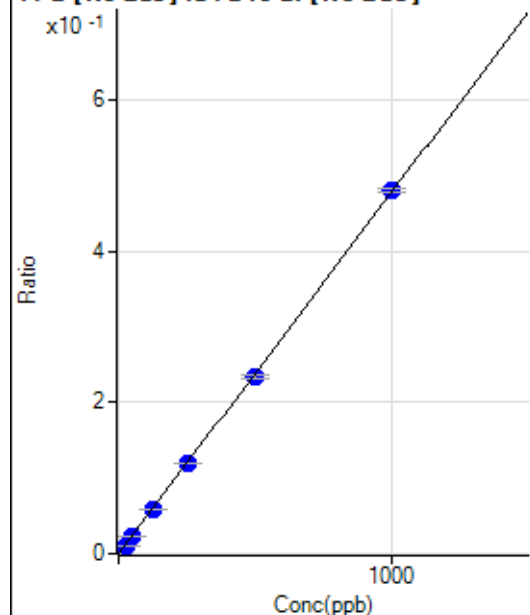
$$y = 9.8238E-005 * x + 3.2403E-005$$

$$R = 0.9999$$

$$DL = 0.4755$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.35	0.0002	P	14.4
2	☐	25.000	21.711	19827.27	0.0106	P	3.6
3	☐	50.000	49.147	44777.51	0.0237	P	1.5
4	☐	125.000	123.821	111544.68	0.0594	P	1.2
5	☐	250.000	251.416	224131.92	0.1204	P	0.1
6	☐	500.000	490.107	431107.43	0.2344	P	1.6
7	☐	1000.000	1004.865	870441.99	0.4805	P	0.9
8	☐			3325.43	0.0018	P	2.3

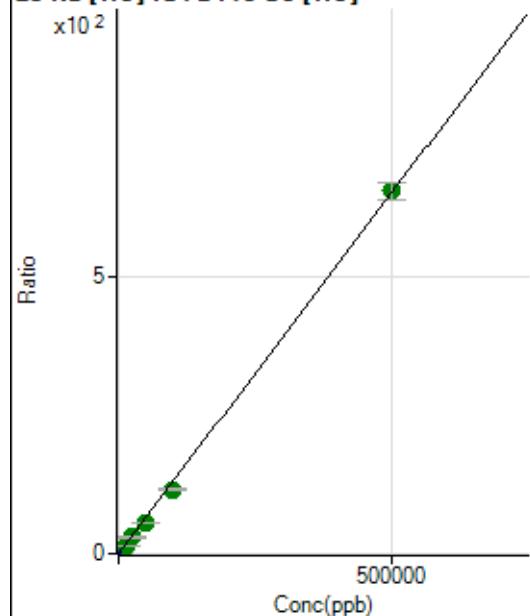
$$y = 4.7796\text{E-}004 * x + 1.8989\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1721$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31767.52	0.0644	P	0.6
2	☐	500.000	426.421	299119.44	0.6189	P	2.1
3	☐	5000.000	4823.855	3001959.64	6.3368	P	0.4
4	☐	12500.000	11124.868	6700314.08	14.5299	A	0.3
5	☐	25000.000	22628.528	12911880.24	29.4879	A	0.2
6	☐	50000.000	43270.589	24652188.57	56.3284	A	0.3
7	☐	100000.00	88164.009	51331034.14	114.7025	A	2.8
8	☐	500000.00	503194.92	301753970.6	654.3595	A	4.6

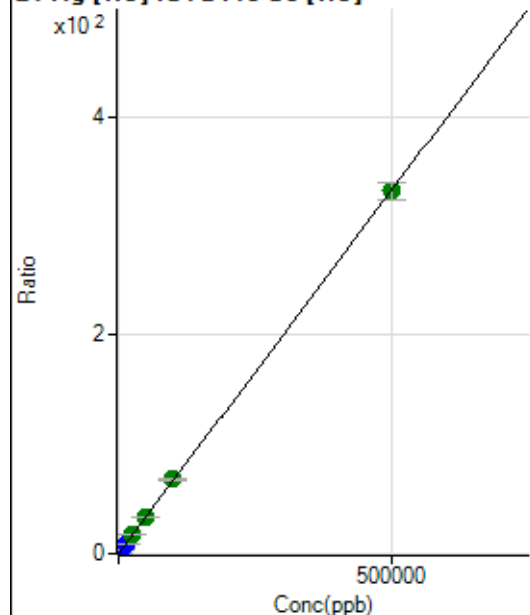
$$y = 0.0013 * x + 0.0644$$

$$R = 0.9997$$

$$DL = 0.8547$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0003	P	18.9
2	☐	500.000	489.309	157540.65	0.3260	P	1.7
3	☐	5000.000	5556.335	1752086.37	3.6985	P	0.6
4	☐	12500.000	13769.945	4226511.77	9.1653	P	0.5
5	☐	25000.000	26604.880	7753814.32	17.7079	A	0.7
6	☐	50000.000	50504.456	14711346.68	33.6150	A	0.7
7	☐	100000.00	102436.70	30508565.96	68.1801	A	3.4
8	☐	500000.00	499344.66	153252565.9	332.3538	A	4.9

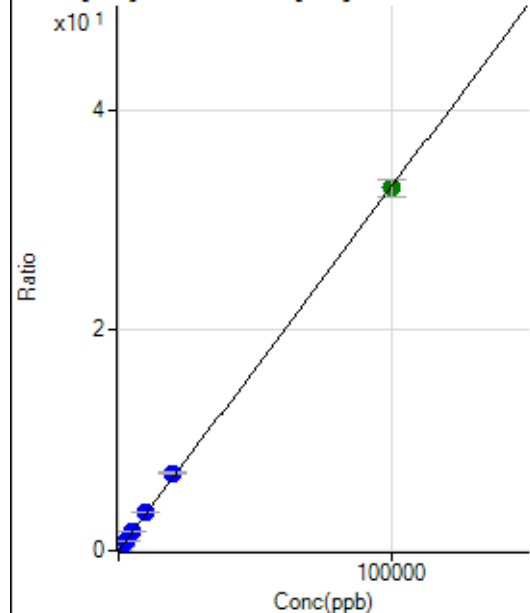
$$y = 6.6558\text{E-}004 * x + 2.8181\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2397$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	547.25	0.0011	P	27.3
2	☐	20.000	20.959	3881.16	0.0080	P	10.1
3	☐	1000.000	1094.854	171746.30	0.3625	P	0.5
4	☐	2500.000	2708.682	412830.63	0.8953	P	0.4
5	☐	5000.000	5496.433	794958.72	1.8155	P	0.3
6	☐	10000.000	10505.594	1518227.87	3.4691	P	0.4
7	☐	20000.000	21242.775	3138591.26	7.0134	P	2.9
8	☐	100000.00	99669.898	15171621.87	32.9026	A	5.0

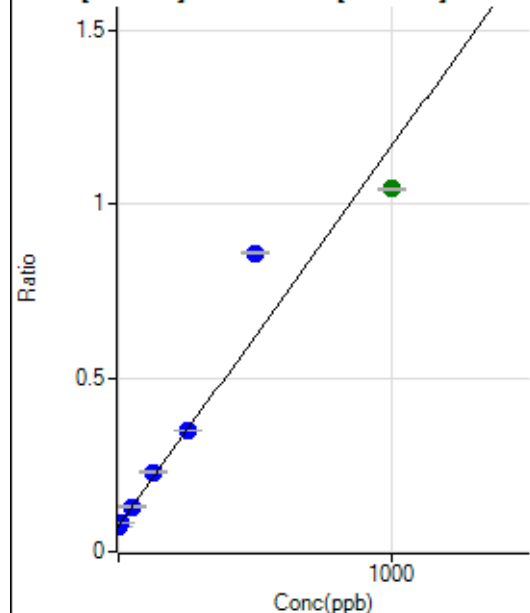
$$y = 3.3010\text{E-}004 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 2.75$$

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	378054.61	0.0743	P	0.9
2	☐	10.000	9.097	425303.50	0.0843	P	0.9
3	☐	50.000	50.681	662656.66	0.1297	P	0.6
4	☐	125.000	141.668	1135428.13	0.2290	P	0.9
5	☐	250.000	251.458	1698745.74	0.3489	P	0.5
6	☐	500.000	718.969	4123073.01	0.8594	P	0.9
7	☐	1000.000	888.043	5065883.06	1.0440	A	0.2
8	☐			458409.23	0.0958	P	2.2

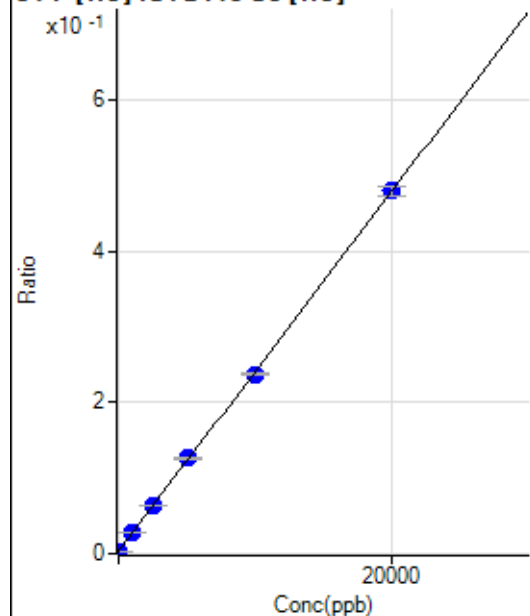
$$y = 0.0011 * x + 0.0743$$

$$R = 0.9630$$

$$DL = 1.932$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	3.865	1675.13	0.0034	P	8.3
2	☐	0.000	-3.865	1552.90	0.0032	P	12.2
3	☐	1000.000	1005.518	12900.31	0.0272	P	0.2
4	☐	2500.000	2570.547	29730.07	0.0645	P	0.6
5	☐	5000.000	5163.269	55244.20	0.1262	P	0.4
6	☐	10000.000	9825.110	103764.41	0.2371	P	1.1
7	☐	20000.000	20037.534	214867.31	0.4801	P	2.4
8	☐			1733.48	0.0038	P	6.6

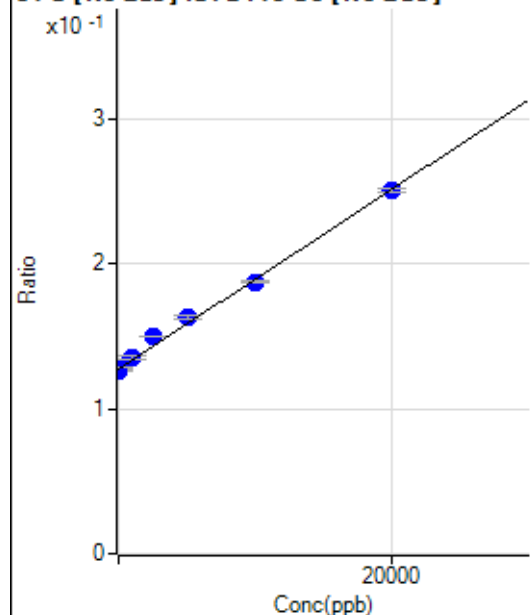
$$y = 2.3795E-005 * x + 0.0033$$

$$R = 0.9999$$

$$DL = 42.44$$

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	-140.689	643698.86	0.1266	P	0.1
2	☐	0.000	140.689	647541.39	0.1283	P	0.6
3	☐	1000.000	1255.912	690846.64	0.1352	P	1.2
4	☐	2500.000	3590.688	741814.75	0.1496	P	0.6
5	☐	5000.000	5771.087	794119.75	0.1631	P	1.0
6	☐	10000.000	9649.751	897565.51	0.1871	P	0.9
7	☐	20000.000	19833.221	1213181.59	0.2500	P	1.0
8	☐			565337.87	0.1182	P	1.0

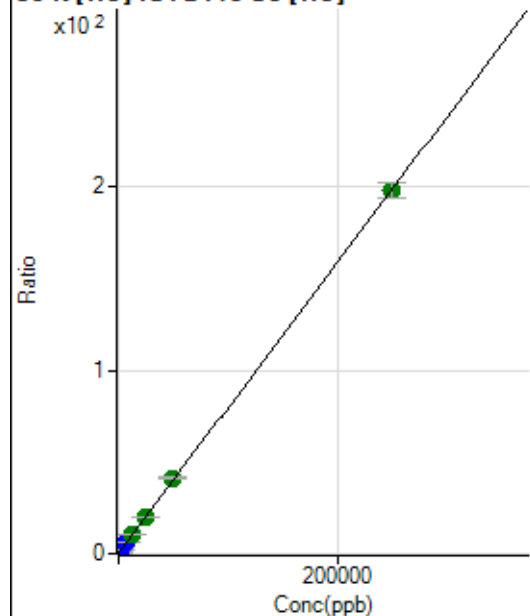
$$y = 6.1818\text{E-}006 * x + 0.1274$$

$$R = 0.9976$$

$$DL = 224.8$$

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	121903.97	0.2472	P	1.1
2	☐	500.000	502.285	311912.81	0.6453	P	2.0
3	☐	2500.000	2876.732	1197321.56	2.5274	P	0.4
4	☐	6250.000	7043.648	2688617.26	5.8303	P	0.4
5	☐	12500.000	13333.694	4736082.41	10.8161	A	0.5
6	☐	25000.000	25188.823	8846253.78	20.2131	A	0.2
7	☐	50000.000	51711.435	18453911.65	41.2363	A	2.8
8	☐	250000.00	249573.53	91348543.19	198.0721	A	4.1

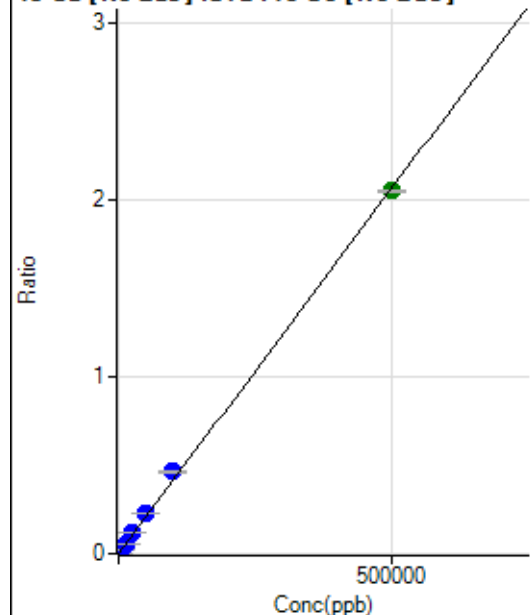
$$y = 7.9265\text{E-}004 * x + 0.2472$$

$$R = 1.0000$$

$$DL = 9.873$$

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	430.57	0.0001	P	35.6
2	☐	500.000	524.497	11371.30	0.0023	P	3.4
3	☐	5000.000	5689.415	120642.98	0.0236	P	0.3
4	☐	12500.000	14331.911	294203.65	0.0593	P	0.3
5	☐	25000.000	28664.379	577423.45	0.1186	P	0.6
6	☐	50000.000	55247.177	1096342.90	0.2285	P	1.0
7	☐	100000.00	112309.83	2253454.22	0.4644	P	1.1
8	☐	500000.00	496777.37	9826587.20	2.0540	A	0.5

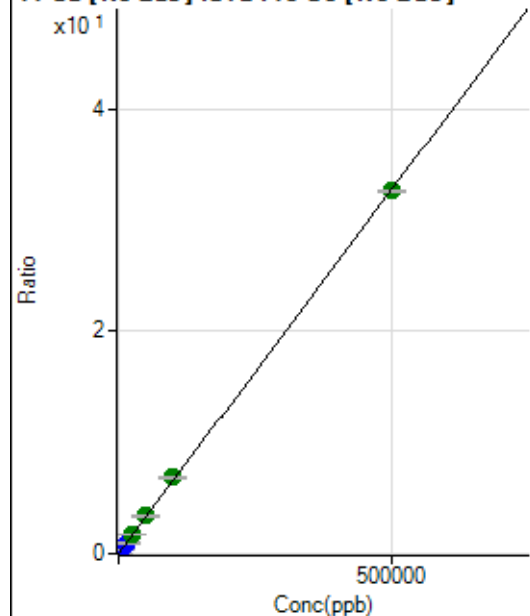
$$y = 4.1344\text{E-}006 * x + 8.4472\text{E-}005$$

$$R = 0.9997$$

$$DL = 21.82$$

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	18378.57	0.0036	P	3.2
2	☐	500.000	507.252	185827.52	0.0368	P	0.9
3	☐	5000.000	5707.052	1927569.57	0.3772	P	0.7
4	☐	12500.000	14465.555	4712636.11	0.9505	P	0.6
5	☐	25000.000	26504.450	8464779.31	1.7386	A	0.9
6	☐	50000.000	51506.698	16194245.26	3.3752	A	1.1
7	☐	100000.00	105114.99	33402953.11	6.8844	A	1.4
8	☐	500000.00	498694.89	156192224.3	32.6480	A	0.2

$$y = 6.5460\text{E-}005 * x + 0.0036$$

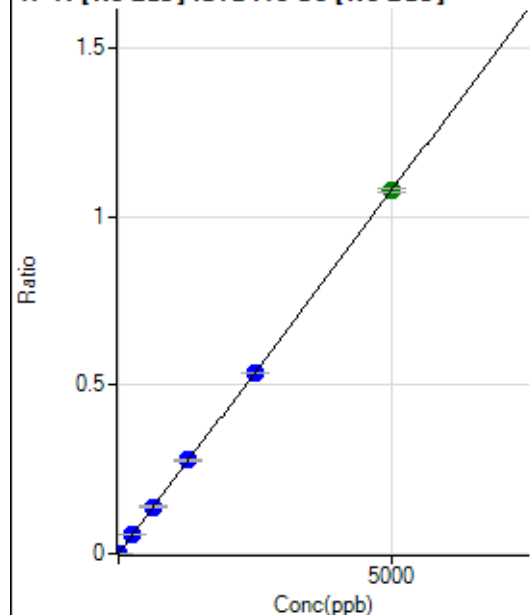
$$R = 0.9999$$

$$DL = 5.219$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	39.1
2	☐	5.000	4.702	5234.38	0.0010	P	4.6
3	☐	250.000	256.360	282512.31	0.0553	P	0.5
4	☐	625.000	645.907	690365.51	0.1392	P	0.9
5	☐	1250.000	1288.167	1352046.52	0.2777	P	1.0
6	☐	2500.000	2482.926	2567852.20	0.5352	P	0.2
7	☐	5000.000	4996.064	5225252.98	1.0769	A	1.1
8	☐			502.80	0.0001	P	5.0

$$y = 2.1555E-004 * x + 2.3535E-005$$

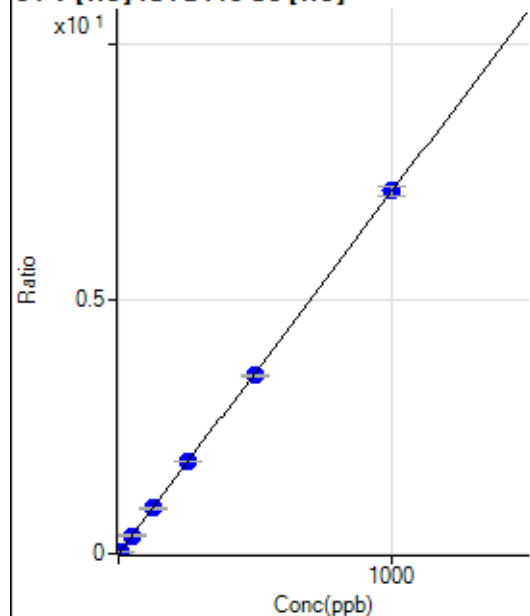
$$R = 1.0000$$

$$DL = 0.1281$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	19.3
2	☐	5.000	4.504	15473.75	0.0320	P	3.4
3	☐	50.000	50.408	169588.00	0.3580	P	0.6
4	☐	125.000	125.124	409735.07	0.8885	P	0.7
5	☐	250.000	253.973	789673.72	1.8034	P	0.5
6	☐	500.000	492.169	1529492.18	3.4948	P	0.3
7	☐	1000.000	1002.889	3186926.48	7.1213	P	2.7
8	☐			242.23	0.0005	P	7.0

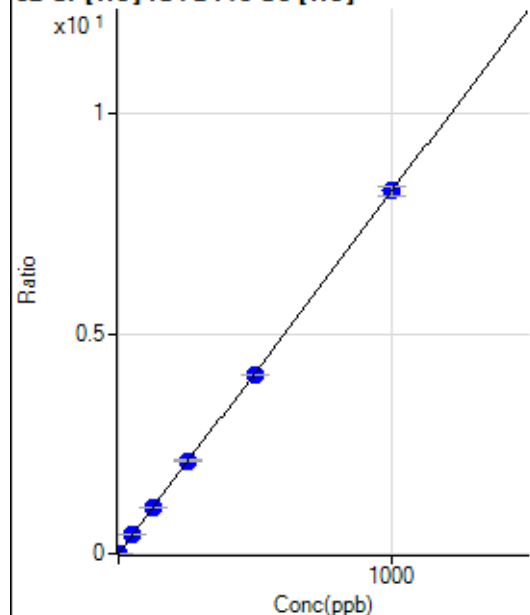
$$y = 0.0071 * x + 3.3760E-005$$

$$R = 0.9999$$

$$DL = 0.002746$$

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	1247.84	0.0025	P	2.3
2	☐	2.000	1.865	8639.27	0.0179	P	1.9
3	☐	50.000	50.629	198506.19	0.4190	P	0.2
4	☐	125.000	126.656	481637.63	1.0444	P	1.0
5	☐	250.000	256.942	926615.34	2.1162	P	0.8
6	☐	500.000	493.138	1776471.87	4.0592	P	0.4
7	☐	1000.000	1001.457	3687871.82	8.2407	P	2.7
8	☐			13443.99	0.0292	P	5.1

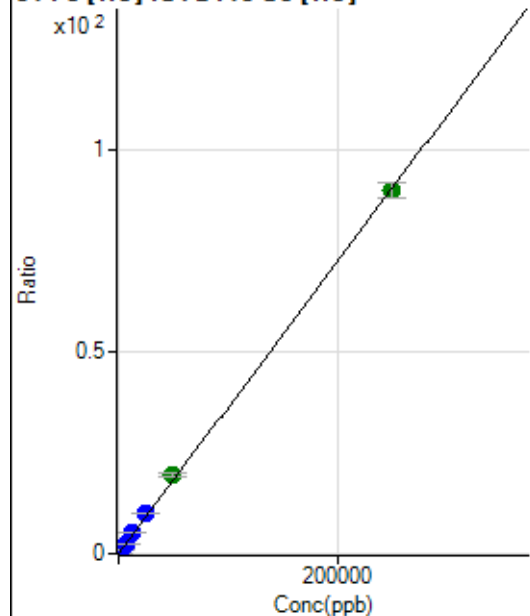
$$y = 0.0082 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 0.02115$$

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	1588.39	0.0032	P	7.3
2	☐	50.000	54.743	11115.60	0.0230	P	3.9
3	☐	2500.000	2875.484	493665.98	1.0420	P	0.6
4	☐	6250.000	7093.904	1183321.55	2.5660	P	1.1
5	☐	12500.000	14396.138	2278697.00	5.2040	P	0.8
6	☐	25000.000	27643.074	4371902.84	9.9897	P	0.7
7	☐	50000.000	54006.957	8731561.25	19.5140	A	3.7
8	☐	250000.00	248814.64	41456788.66	89.8909	A	4.1

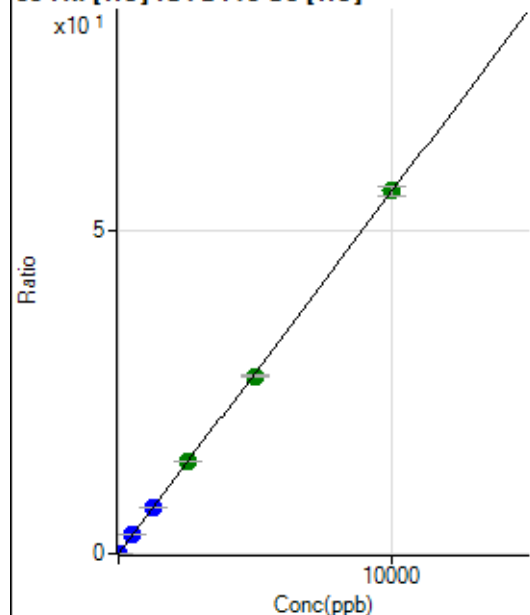
$$y = 3.6126E-004 * x + 0.0032$$

$$R = 0.9998$$

$$DL = 1.947$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.45	0.0002	P	6.0
2	☐	1.000	0.919	2553.58	0.0053	P	3.9
3	☐	500.000	516.115	1365463.30	2.8825	P	0.9
4	☐	1250.000	1282.821	3303732.83	7.1642	P	0.8
5	☐	2500.000	2545.667	6225122.76	14.2168	A	0.7
6	☐	5000.000	4915.414	12014088.15	27.4509	A	0.6
7	☐	10000.000	10025.968	25057071.85	55.9915	A	2.8
8	☐			12027.22	0.0261	P	2.4

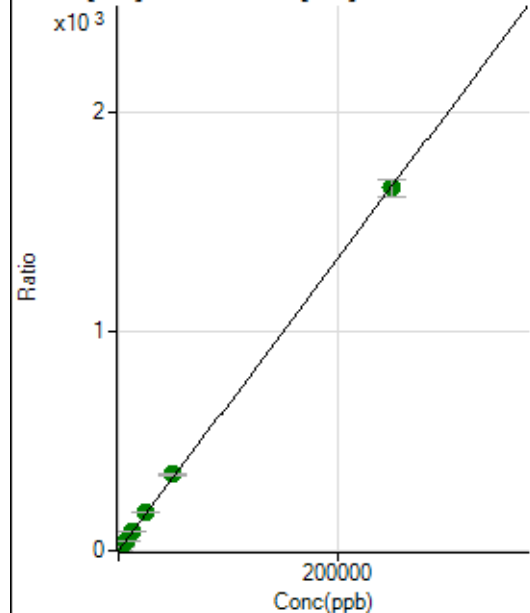
$$y = 0.0056 * x + 1.5099E-004$$

$$R = 0.9999$$

$$DL = 0.004835$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7913.36	0.0160	P	3.2
2	☐	50.000	50.300	168877.67	0.3494	P	2.2
3	☐	2500.000	2646.727	8317450.82	17.5575	A	1.4
4	☐	6250.000	6647.356	20323756.47	44.0722	A	1.3
5	☐	12500.000	13454.397	39052394.85	89.1867	A	0.9
6	☐	25000.000	25975.829	75352799.83	172.1740	A	0.7
7	☐	50000.000	52789.719	156587096.0	349.8862	A	2.5
8	☐	250000.00	249285.35	761867017.0	1,652.184	A	4.7

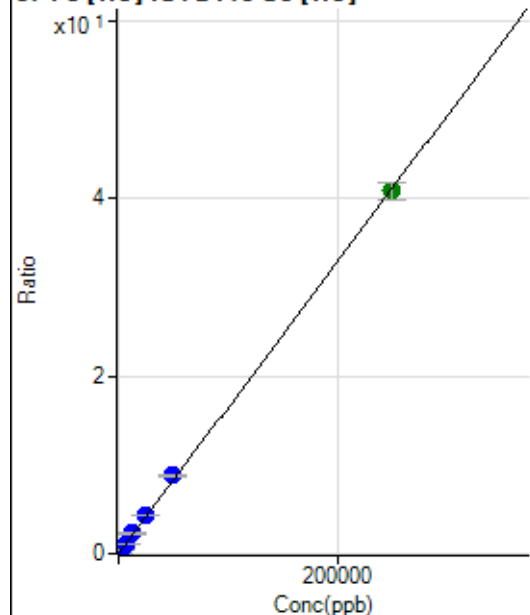
$$y = 0.0066 * x + 0.0160$$

$$R = 0.9999$$

$$DL = 0.2324$$

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	396.31	0.0008	P	3.7
2	☐	50.000	52.043	4515.58	0.0093	P	4.8
3	☐	2500.000	2750.166	214202.63	0.4522	P	0.2
4	☐	6250.000	6831.314	517371.93	1.1219	P	0.3
5	☐	12500.000	13886.128	998237.20	2.2797	P	0.6
6	☐	25000.000	26762.372	1922575.81	4.3930	P	0.3
7	☐	50000.000	54003.675	3966804.55	8.8637	P	2.5
8	☐	250000.00	248936.68	18839523.34	40.8554	A	4.7

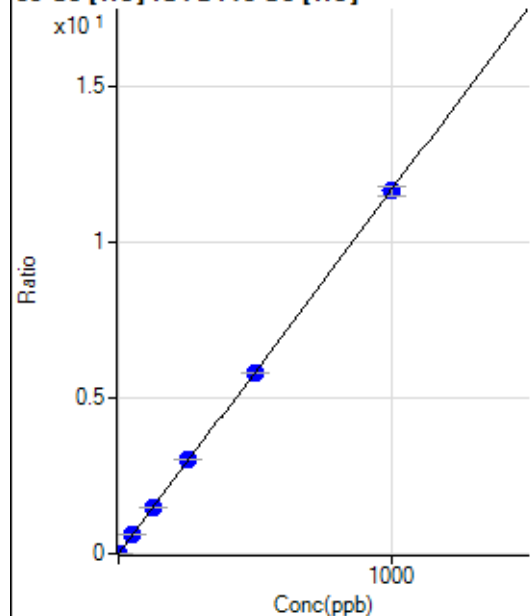
$$y = 1.6412\text{E-}004 * x + 8.0345\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.5367$$

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	85.56	0.0002	P	13.1
2	☐	1.000	0.931	5344.35	0.0111	P	3.9
3	☐	50.000	51.685	286402.54	0.6046	P	0.5
4	☐	125.000	128.684	694000.80	1.5050	P	0.6
5	☐	250.000	259.824	1330475.84	3.0385	P	0.7
6	☐	500.000	498.379	2550648.49	5.8281	P	0.5
7	☐	1000.000	997.810	5222192.63	11.6684	P	2.3
8	☐			7413.05	0.0161	P	7.7

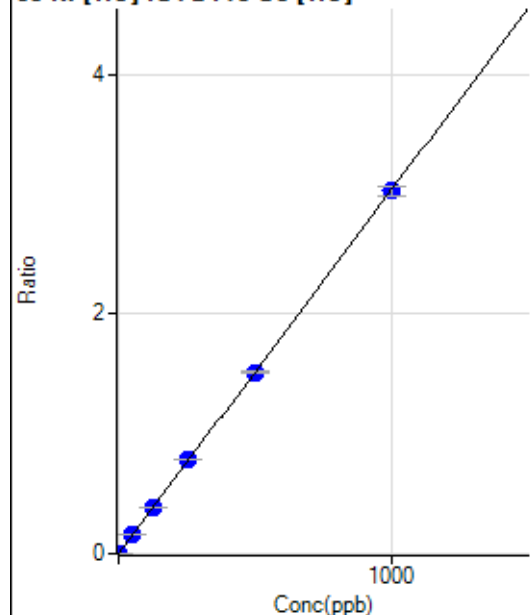
$$y = 0.0117 * x + 1.7337\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.005805$$

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	58.89	0.0001	P	31.7
2	☐	1.000	0.962	1468.98	0.0030	P	6.4
3	☐	50.000	52.346	75272.75	0.1589	P	0.4
4	☐	125.000	128.889	180323.99	0.3910	P	0.4
5	☐	250.000	259.521	344719.66	0.7873	P	1.2
6	☐	500.000	499.093	662549.79	1.5139	P	0.3
7	☐	1000.000	997.470	1353987.51	3.0255	P	2.6
8	☐			3479.34	0.0075	P	5.0

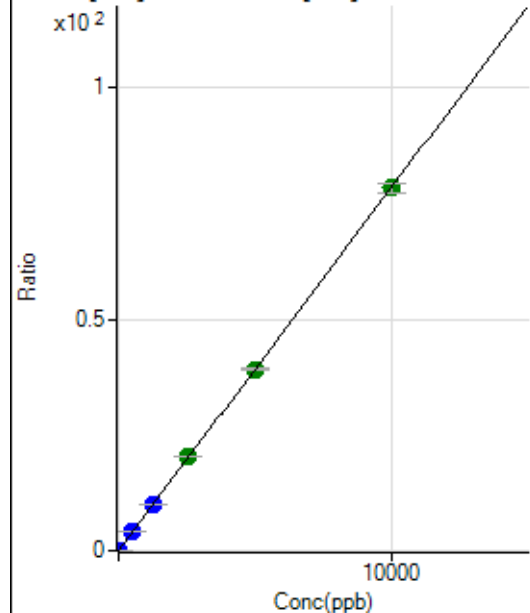
$$y = 0.0030 * x + 1.1958E-004$$

$$R = 0.9999$$

$$DL = 0.03753$$

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	3109.25	0.0063	P	2.8
2	☐	2.000	2.078	10937.49	0.0226	P	0.3
3	☐	500.000	511.071	1904451.53	4.0201	P	0.5
4	☐	1250.000	1265.276	4585329.17	9.9434	P	0.9
5	☐	2500.000	2592.601	8918493.34	20.3678	A	0.8
6	☐	5000.000	4980.105	17119782.52	39.1185	A	0.9
7	☐	10000.000	9984.334	35094671.14	78.4202	A	2.7
8	☐			10809.61	0.0234	P	3.0

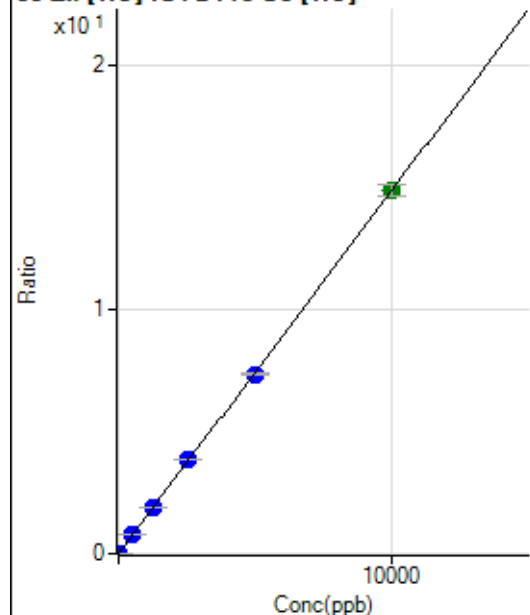
$$y = 0.0079 * x + 0.0063$$

$$R = 1.0000$$

$$DL = 0.06738$$

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	560.02	0.0011	P	4.1
2	☐	2.000	1.959	1956.82	0.0040	P	5.3
3	☐	500.000	510.846	360529.60	0.7610	P	0.6
4	☐	1250.000	1266.295	869157.99	1.8848	P	0.9
5	☐	2500.000	2589.560	1687222.23	3.8532	P	0.5
6	☐	5000.000	4951.882	3224247.87	7.3673	P	0.6
7	☐	10000.000	9999.090	6656347.47	14.8753	A	3.3
8	☐			5314.35	0.0115	P	3.9

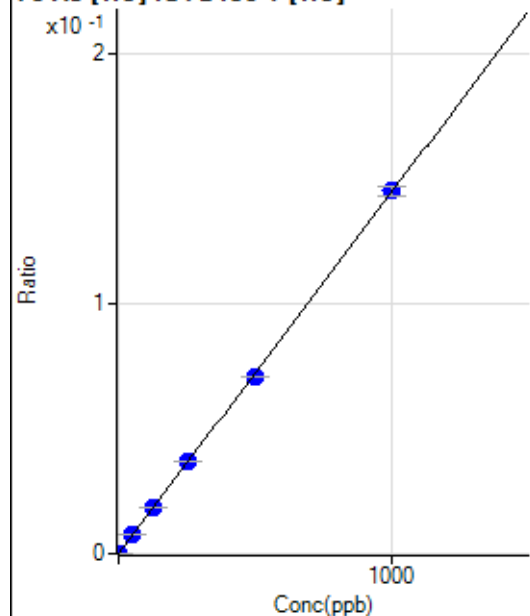
$$y = 0.0015 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.09363$$

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	11.73	0.0000	P	52.4
2	☐	1.000	0.906	477.79	0.0001	P	11.4
3	☐	50.000	50.686	25755.47	0.0073	P	0.2
4	☐	125.000	126.374	62987.27	0.0183	P	0.7
5	☐	250.000	255.575	122924.49	0.0370	P	0.4
6	☐	500.000	489.354	236376.51	0.0708	P	0.2
7	☐	1000.000	1003.723	492853.76	0.1452	P	2.7
8	☐			167.90	0.0000	P	5.9

$$y = 1.4469E-004 * x + 3.2783E-006$$

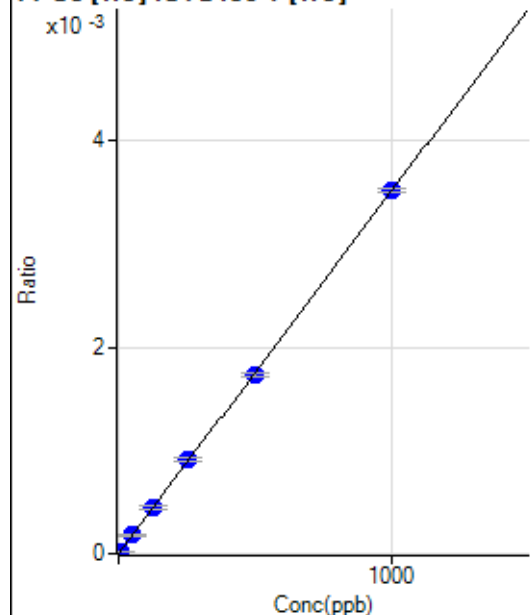
$$R = 0.9999$$

$$DL = 0.03563$$

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	0.00	0.0000	P	
2	☐	5.000	4.543	56.67	0.0000	P	23.8
3	☐	50.000	51.678	636.69	0.0002	P	7.7
4	☐	125.000	127.344	1540.10	0.0004	P	6.6
5	☐	250.000	260.606	3041.46	0.0009	P	5.2
6	☐	500.000	493.419	5784.55	0.0017	P	2.0
7	☐	1000.000	1000.264	11925.01	0.0035	P	1.2
8	☐			3.33	0.0000	P	98.6

$$y = 3.5117\text{E-}006 * x + 0.0000\text{E+}000$$

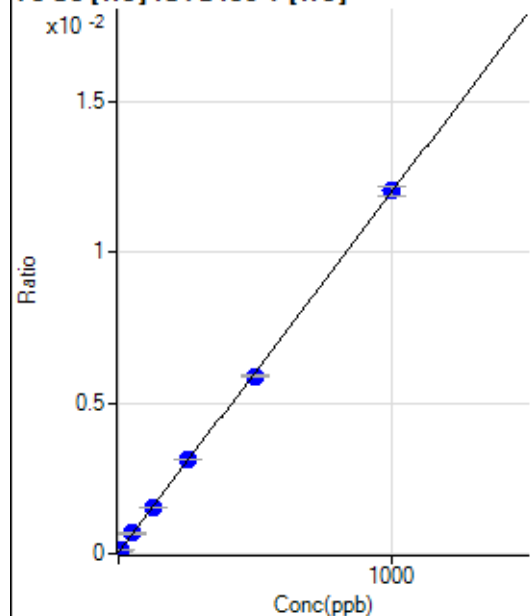
$$R = 0.9999$$

$$DL = 0$$

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	186.42	0.0001	P	8.8
2	☐	5.000	5.013	396.92	0.0001	P	1.5
3	☐	50.000	52.019	2358.23	0.0007	P	2.3
4	☐	125.000	123.883	5263.94	0.0015	P	1.6
5	☐	250.000	257.810	10385.23	0.0031	P	1.4
6	☐	500.000	488.273	19599.03	0.0059	P	1.1
7	☐	1000.000	1003.950	40780.48	0.0120	P	2.6
8	☐			179.01	0.0001	P	13.0

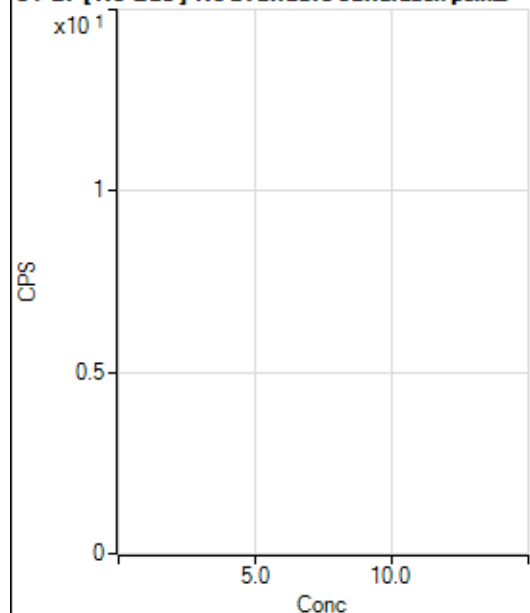
$$y = 1.1918\text{E-}005 * x + 5.1910\text{E-}005$$

$$R = 0.9999$$

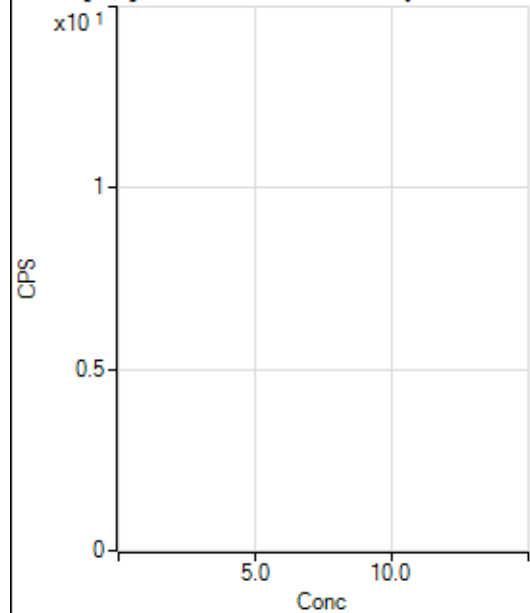
$$DL = 1.152$$

Weight: <None>

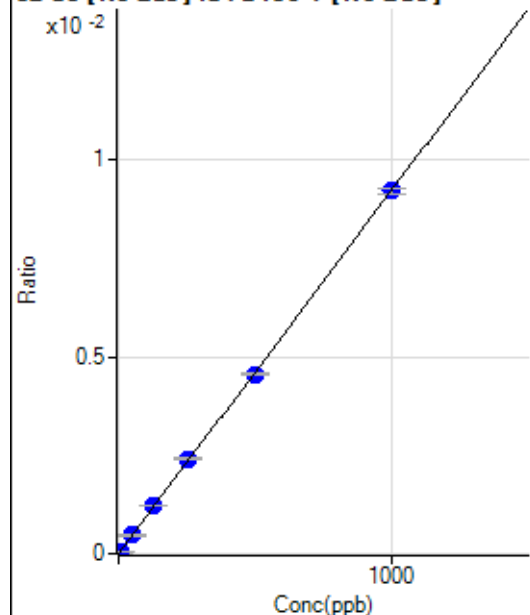
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3870.08		P	2.9
2	☐			3758.92		P	1.2
3	☐			3739.47		P	2.6
4	☐			3444.94		P	3.6
5	☐			3469.95		P	1.2
6	☐			3664.47		P	4.0
7	☐			3786.70		P	2.2
8	☐			3928.40		P	5.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.38		P	13.3
2	☐			46.71		P	32.7
3	☐			56.72		P	10.2
4	☐			56.72		P	27.0
5	☐			63.40		P	32.9
6	☐			70.07		P	37.8
7	☐			83.42		P	50.0
8	☐			123.46		P	38.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-68.75	0.0000	P	-151.
2	☐	5.000	4.507	455.53	0.0000	P	15.6
3	☐	50.000	50.356	5886.09	0.0005	P	2.5
4	☐	125.000	131.387	14968.29	0.0012	P	2.5
5	☐	250.000	260.251	29101.23	0.0024	P	1.9
6	☐	500.000	494.908	55637.88	0.0046	P	0.4
7	☐	1000.000	999.169	114587.59	0.0092	P	1.3
8	☐			14.52	0.0000	P	884.5

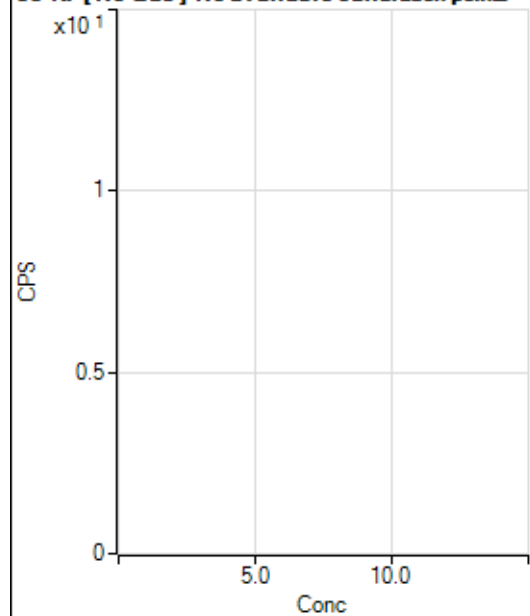
$$y = 9.2280E-006 * x - 5.3705E-006$$

R = 0.9999

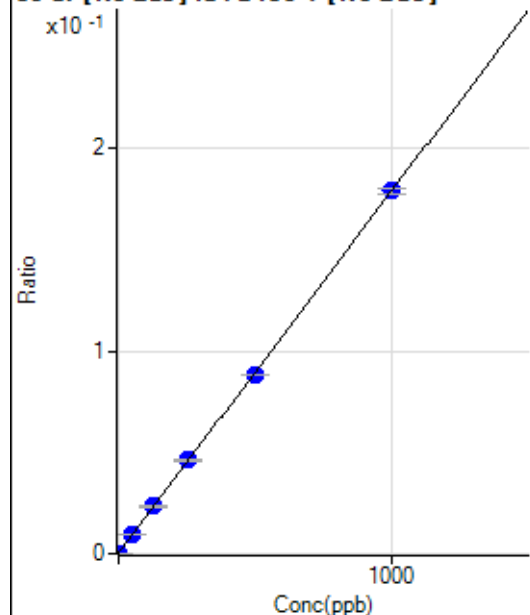
DL = 2.648

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2055.72		P	3.3
2	☐			2051.28		P	1.8
3	☐			2045.72		P	4.0
4	☐			1883.48		P	4.6
5	☐			1933.48		P	0.8
6	☐			1806.79		P	3.4
7	☐			1830.13		P	2.4
8	☐			1923.48		P	4.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3275.47	0.0003	P	7.7
2	☐	1.000	0.904	5253.89	0.0004	P	4.0
3	☐	50.000	50.824	119528.88	0.0093	P	1.0
4	☐	125.000	129.067	288941.26	0.0233	P	0.7
5	☐	250.000	257.116	560592.08	0.0462	P	2.0
6	☐	500.000	493.315	1077317.45	0.0883	P	0.6
7	☐	1000.000	1001.014	2225321.77	0.1790	P	1.9
8	☐			14318.51	0.0012	P	3.6

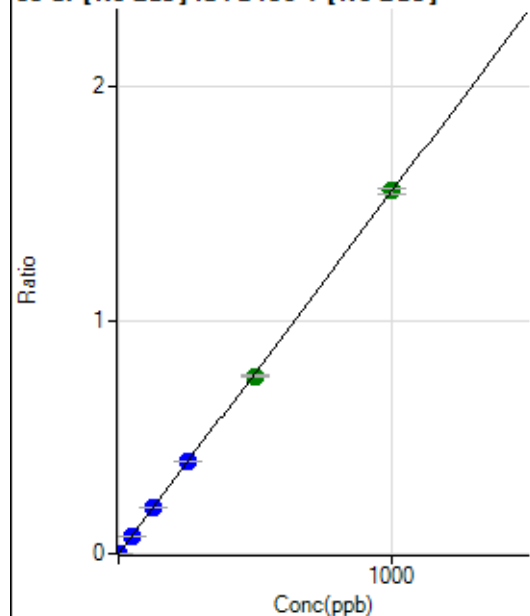
$$y = 1.7853E-004 * x + 2.5585E-004$$

$$R = 0.9999$$

$$DL = 0.3307$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	24.3
2	☐	1.000	0.911	17855.89	0.0014	P	0.2
3	☐	50.000	50.204	996950.00	0.0778	P	0.7
4	☐	125.000	127.635	2453340.27	0.1978	P	0.3
5	☐	250.000	255.473	4808793.29	0.3959	P	1.1
6	☐	500.000	491.348	9287770.35	0.7615	A	0.9
7	☐	1000.000	1002.618	19322233.07	1.5539	A	1.3
8	☐			97915.91	0.0081	P	1.6

$$y = 0.0015 * x + 7.1634E-006$$

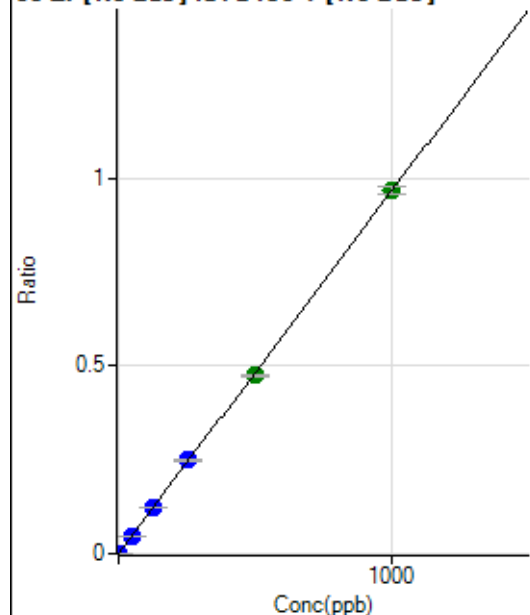
$$R = 0.9999$$

$$DL = 0.003368$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	511.14	0.0000	P	11.8
2	☐	1.000	0.928	11780.11	0.0009	P	6.6
3	☐	50.000	49.921	618226.59	0.0483	P	0.9
4	☐	125.000	128.812	1543392.59	0.1244	P	0.6
5	☐	250.000	257.344	3019081.06	0.2486	P	1.5
6	☐	500.000	493.271	5811046.01	0.4764	A	1.1
7	☐	1000.000	1001.056	12021862.33	0.9669	A	2.2
8	☐			3489.39	0.0003	P	5.3

$$y = 9.6581E-004 * x + 3.9923E-005$$

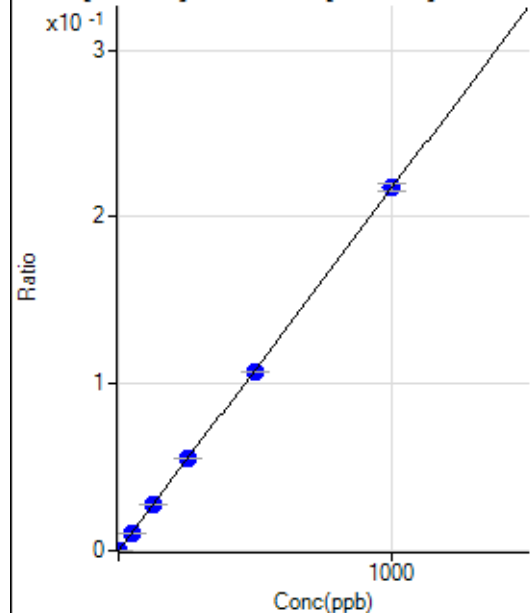
$$R = 0.9999$$

$$DL = 0.01466$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	23.3
2	☐	1.000	0.871	2466.94	0.0002	P	3.8
3	☐	50.000	49.567	137902.16	0.0108	P	1.2
4	☐	125.000	127.570	343426.62	0.0277	P	0.8
5	☐	250.000	255.824	674402.47	0.0555	P	0.7
6	☐	500.000	493.752	1306987.31	0.1072	P	1.0
7	☐	1000.000	1001.368	2702099.45	0.2173	P	2.2
8	☐			861.16	0.0001	P	3.6

$$y = 2.1702E-004 * x + 6.9414E-006$$

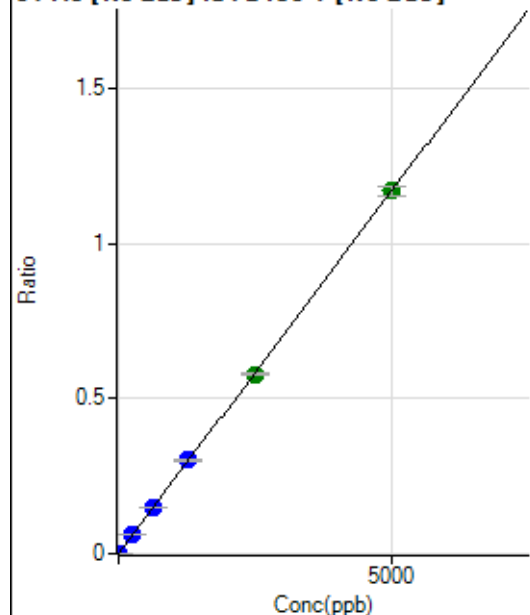
$$R = 1.0000$$

$$DL = 0.02237$$

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	169.45	0.0000	P	10.6
2	☐	5.000	4.687	13957.10	0.0011	P	2.3
3	☐	250.000	252.837	757382.10	0.0591	P	0.8
4	☐	625.000	645.190	1870593.77	0.1508	P	0.8
5	☐	1250.000	1293.290	3671815.28	0.3023	P	1.2
6	☐	2500.000	2467.948	7036283.06	0.5769	A	1.1
7	☐	5000.000	5002.538	14539180.19	1.1694	A	2.5
8	☐			2889.26	0.0002	P	2.7

$$y = 2.3375E-004 * x + 1.3241E-005$$

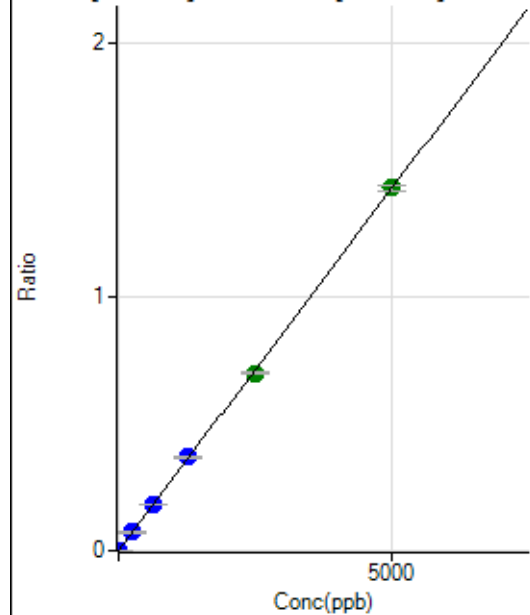
$$R = 0.9999$$

$$DL = 0.01796$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.6
2	☐	5.000	4.686	16860.35	0.0013	P	3.3
3	☐	250.000	252.867	924620.87	0.0722	P	0.5
4	☐	625.000	643.450	2277402.63	0.1836	P	0.7
5	☐	1250.000	1290.426	4472643.07	0.3683	P	1.7
6	☐	2500.000	2446.838	8516774.06	0.6983	A	1.1
7	☐	5000.000	5014.025	17792243.97	1.4309	A	1.9
8	☐			2850.35	0.0002	P	7.9

$$y = 2.8538E-004 * x + 2.1705E-006$$

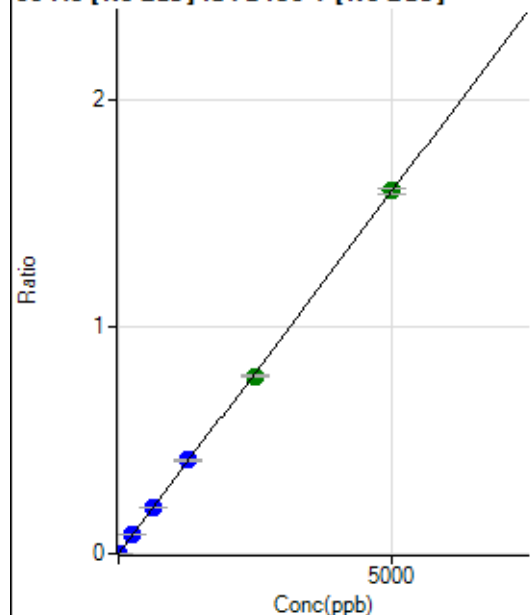
$$R = 0.9999$$

$$DL = 0.004014$$

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	66.67	0.0000	P	32.7
2	☐	5.000	4.742	19113.14	0.0015	P	3.4
3	☐	250.000	253.722	1037222.91	0.0810	P	0.6
4	☐	625.000	644.751	2551296.71	0.2057	P	0.5
5	☐	1250.000	1290.652	5001320.64	0.4118	P	1.3
6	☐	2500.000	2454.432	9551463.50	0.7831	A	0.5
7	☐	5000.000	5009.967	19876514.85	1.5985	A	1.4
8	☐			4495.27	0.0004	P	0.7

$$y = 3.1905E-004 * x + 5.2035E-006$$

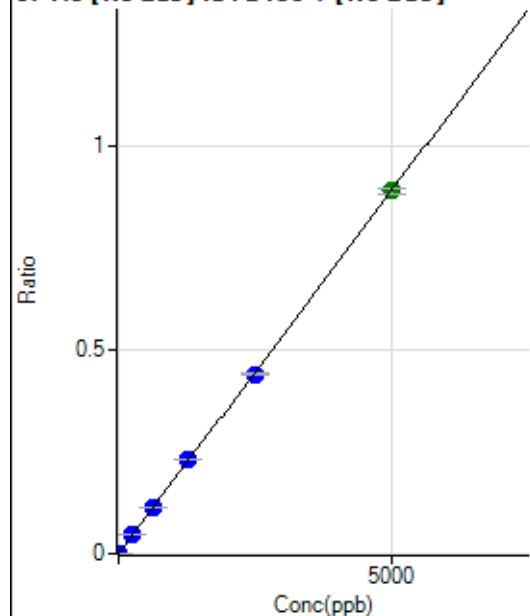
$$R = 0.9999$$

$$DL = 0.01598$$

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	16.67	0.0000	P	0.4
2	☐	5.000	4.623	10359.57	0.0008	P	3.8
3	☐	250.000	253.905	578303.36	0.0451	P	0.2
4	☐	625.000	644.678	1421242.32	0.1146	P	0.6
5	☐	1250.000	1296.760	2799677.52	0.2305	P	1.1
6	☐	2500.000	2475.373	5366800.47	0.4400	P	1.1
7	☐	5000.000	4997.969	11047730.11	0.8884	A	1.4
8	☐			1827.95	0.0002	P	8.7

$$y = 1.7776E-004 * x + 1.3022E-006$$

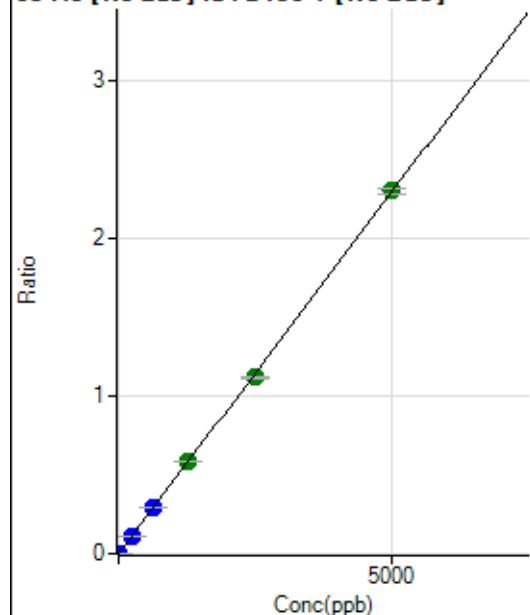
$$R = 0.9999$$

$$DL = 8.58E-05$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	26.4
2	☐	5.000	4.669	26945.38	0.0021	P	1.5
3	☐	250.000	252.048	1478326.27	0.1154	P	0.6
4	☐	625.000	645.346	3663873.56	0.2954	P	0.5
5	☐	1250.000	1277.508	7102605.63	0.5848	A	1.4
6	☐	2500.000	2438.708	13615982.25	1.1164	A	1.4
7	☐	5000.000	5021.123	28581097.51	2.2986	A	1.8
8	☐			4381.33	0.0004	P	2.6

$$y = 4.5778E-004 * x + 2.8199E-006$$

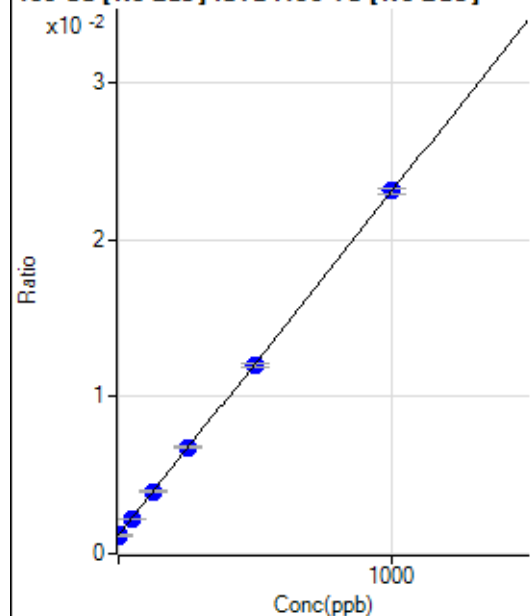
$$R = 0.9999$$

$$DL = 0.004888$$

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	10479.12	0.0012	P	2.1
2	☐	1.000	-1.425	10126.09	0.0011	P	3.6
3	☐	50.000	47.840	20120.25	0.0022	P	1.7
4	☐	125.000	127.141	35057.71	0.0040	P	2.4
5	☐	250.000	254.968	60389.60	0.0068	P	2.2
6	☐	500.000	493.612	106483.41	0.0120	P	1.7
7	☐	1000.000	1001.795	210331.86	0.0231	P	1.7
8	☐			9522.85	0.0011	P	2.1

$$y = 2.1888E-005 * x + 0.0012$$

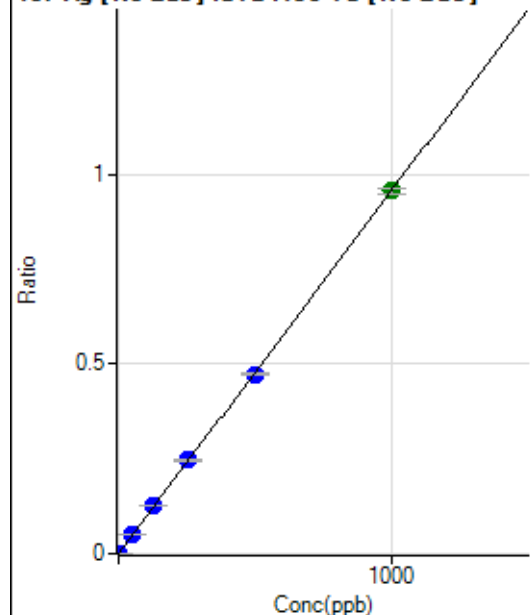
$$R = 0.9999$$

$$DL = 3.445$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	29.5
2	☐	1.000	1.004	8533.32	0.0010	P	1.7
3	☐	50.000	52.601	454610.94	0.0503	P	1.1
4	☐	125.000	132.878	1124358.54	0.1271	P	0.3
5	☐	250.000	257.768	2202145.60	0.2465	P	1.5
6	☐	500.000	494.598	4203149.66	0.4730	P	0.6
7	☐	1000.000	999.644	8702450.11	0.9560	A	1.5
8	☐			2425.27	0.0003	P	2.6

$$y = 9.5633\text{E-}004 * x + 7.8044\text{E-}006$$

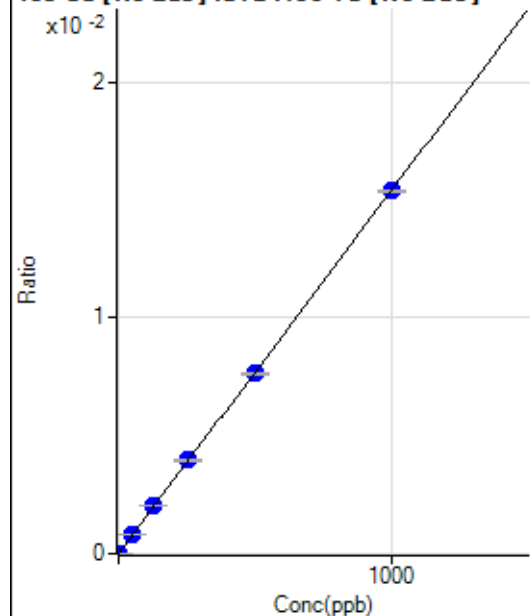
$$R = 0.9999$$

$$DL = 0.007233$$

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	25.00	0.0000	P	29.6
2	☐	1.000	1.156	181.95	0.0000	P	8.9
3	☐	50.000	52.155	7289.45	0.0008	P	2.2
4	☐	125.000	130.856	17869.71	0.0020	P	1.6
5	☐	250.000	258.982	35686.42	0.0040	P	1.9
6	☐	500.000	496.159	67984.93	0.0077	P	0.7
7	☐	1000.000	998.835	140186.55	0.0154	P	0.7
8	☐			105.56	0.0000	P	5.1

$$y = 1.5414\text{E-}005 * x + 2.8196\text{E-}006$$

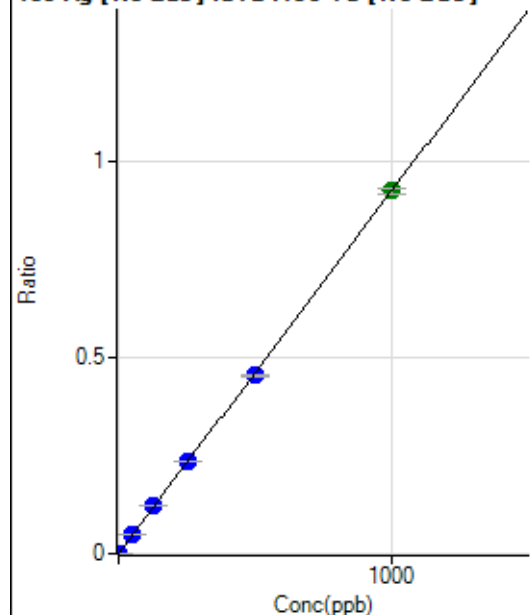
$$R = 0.9999$$

$$DL = 0.1624$$

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	41.67	0.0000	P	52.8
2	☐	1.000	0.976	7996.90	0.0009	P	5.5
3	☐	50.000	52.260	436428.98	0.0483	P	0.5
4	☐	125.000	131.944	1078787.11	0.1219	P	0.9
5	☐	250.000	256.131	2114461.42	0.2367	P	0.8
6	☐	500.000	493.261	4050411.77	0.4558	P	1.1
7	☐	1000.000	1000.856	8419196.63	0.9249	A	1.8
8	☐			2047.42	0.0002	P	8.6

$$y = 9.2409\text{E-}004 * x + 4.6923\text{E-}006$$

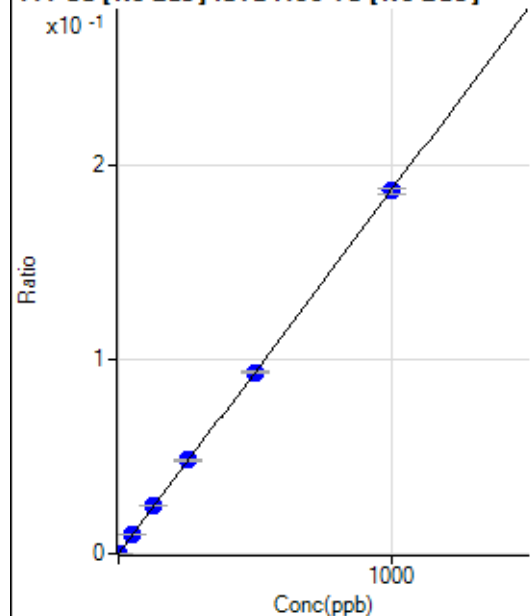
$$R = 0.9999$$

$$DL = 0.00804$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	349.90	0.0000	P	0.9
2	☐	1.000	1.151	2244.88	0.0003	P	4.2
3	☐	50.000	52.261	88658.54	0.0098	P	1.6
4	☐	125.000	132.462	219500.63	0.0248	P	1.4
5	☐	250.000	257.650	430782.44	0.0482	P	1.1
6	☐	500.000	498.286	828349.13	0.0932	P	1.2
7	☐	1000.000	997.899	1699102.67	0.1866	P	1.4
8	☐			738.80	0.0001	P	3.5

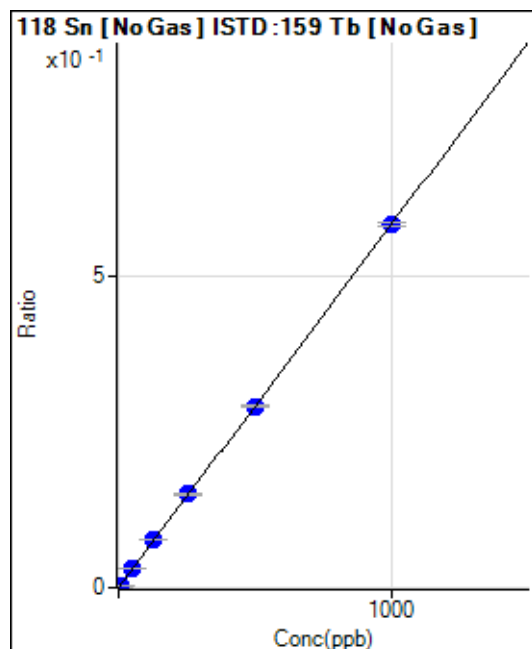
$$y = 1.8700\text{E-}004 * x + 3.9383\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.005879$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.79	0.0000	P	22.7
2	☐	5.000	4.919	25707.35	0.0029	P	2.4
3	☐	50.000	51.862	274328.08	0.0304	P	1.0
4	☐	125.000	130.726	676543.29	0.0765	P	0.5
5	☐	250.000	257.727	1346413.15	0.1507	P	1.3
6	☐	500.000	498.576	2590500.21	0.2915	P	0.6
7	☐	1000.000	997.972	5311700.56	0.5835	P	1.1
8	☐			1075.07	0.0001	P	17.8

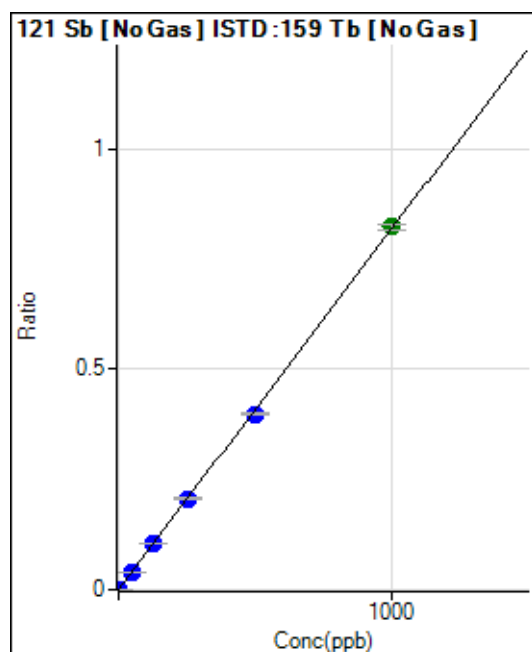
$$y = 5.8464\text{E-}004 * x + 3.9639\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04616$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.5
2	☐	2.000	1.831	13287.15	0.0015	P	1.0
3	☐	50.000	50.376	372709.18	0.0412	P	0.5
4	☐	125.000	128.220	928739.74	0.1050	P	0.6
5	☐	250.000	252.427	1846080.44	0.2067	P	1.1
6	☐	500.000	486.857	3541629.51	0.3986	P	0.6
7	☐	1000.000	1005.544	7493470.13	0.8232	A	1.3
8	☐			3225.45	0.0004	P	3.7

$$y = 8.1863\text{E-}004 * x + 7.8263\text{E-}006$$

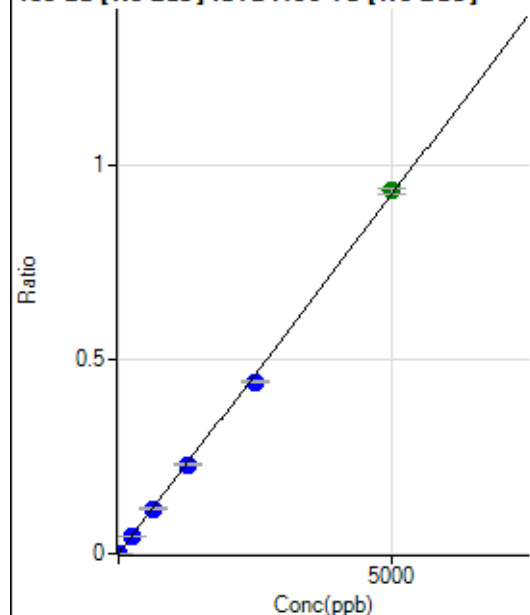
$$R = 0.9999$$

$$DL = 0.007304$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.0
2	☐	10.000	9.050	14724.81	0.0017	P	4.1
3	☐	250.000	245.668	409193.75	0.0453	P	0.9
4	☐	625.000	627.525	1023396.16	0.1157	P	0.8
5	☐	1250.000	1237.285	2037409.64	0.2281	P	1.4
6	☐	2500.000	2396.842	3925962.37	0.4418	P	0.7
7	☐	5000.000	5054.661	8481286.30	0.9317	A	1.9
8	☐			1608.47	0.0002	P	5.7

$$y = 1.8433\text{E-}004 * x + 1.5649\text{E-}006$$

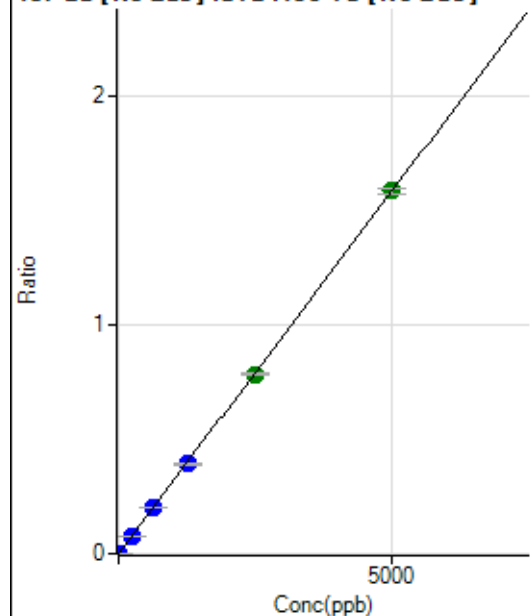
$$R = 0.9997$$

$$DL = 0.008904$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	56.9
2	☐	10.000	9.425	26305.86	0.0030	P	1.9
3	☐	250.000	248.227	709226.70	0.0785	P	0.9
4	☐	625.000	630.501	1763860.09	0.1994	P	0.1
5	☐	1250.000	1240.070	3502788.75	0.3921	P	1.2
6	☐	2500.000	2482.431	6974958.32	0.7849	A	0.4
7	☐	5000.000	5010.669	14422339.04	1.5844	A	1.5
8	☐			2511.41	0.0003	P	2.1

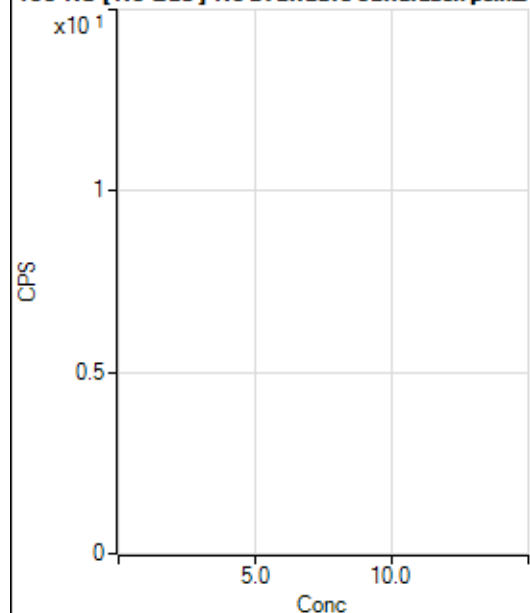
$$y = 3.1620\text{E-}004 * x + 2.5006\text{E-}006$$

$$R = 1.0000$$

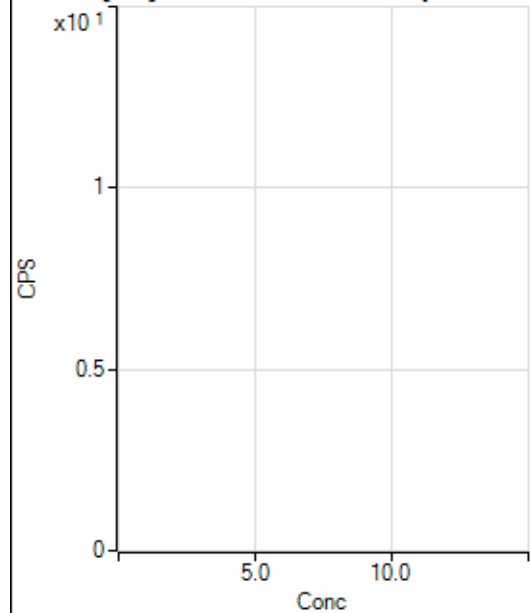
$$DL = 0.0135$$

Weight: <None>

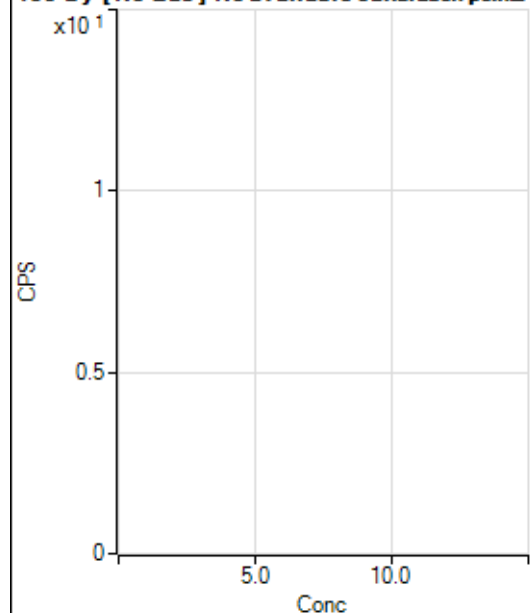
Min Conc: 0

150 Nd [No Gas] No available calibration points

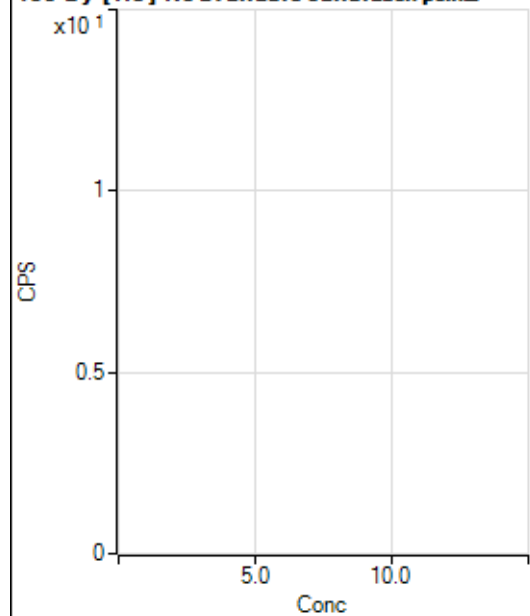
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐			8.89		P	43.3
3	☐			35.56		P	21.6
4	☐			64.45		P	33.3
5	☐			142.22		P	2.7
6	☐			262.23		P	23.5
7	☐			571.14		P	17.5
8	☐			48.89		P	28.4

150 Nd [He] No available calibration points

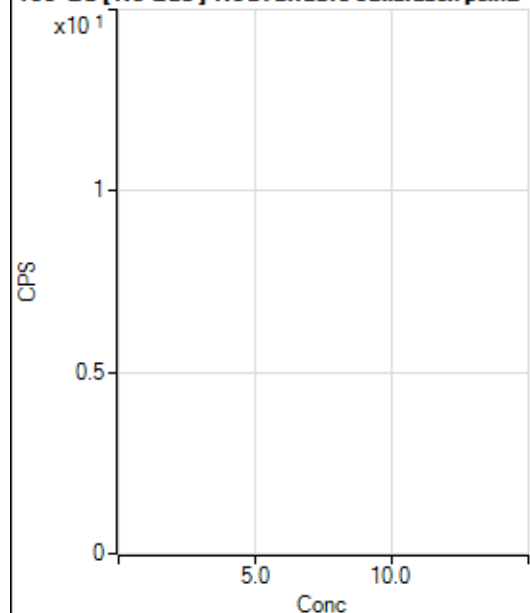
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			6.67		P	0.0
3	☐			6.67		P	100.0
4	☐			15.55		P	24.8
5	☐			37.78		P	5.1
6	☐			68.89		P	17.0
7	☐			111.11		P	21.1
8	☐			13.33		P	75.0

156 Dy [No Gas] No available calibration points

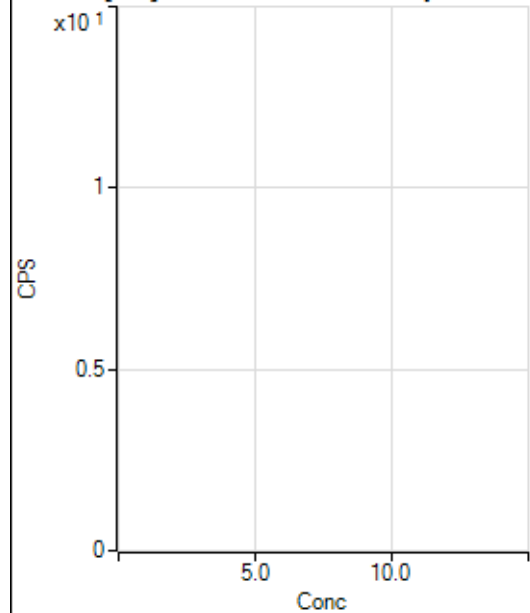
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			16.67		P	50.0
3	☐			30.56		P	31.5
4	☐			55.56		P	22.9
5	☐			75.00		P	19.2
6	☐			155.56		P	18.8
7	☐			350.02		P	18.9
8	☐			1797.39		P	11.7

156 Dy [He] No available calibration points

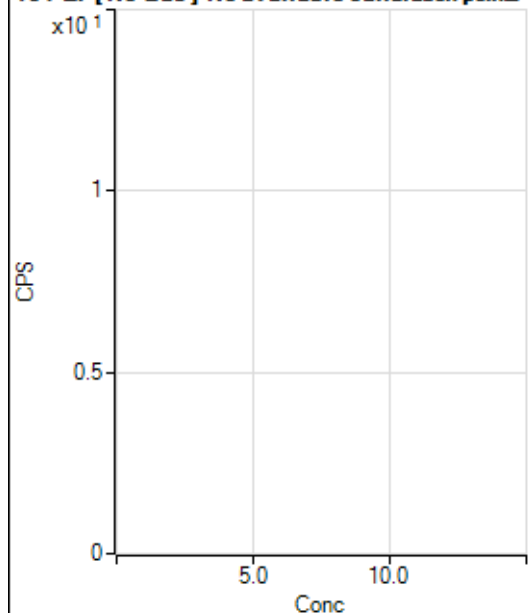
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			7.78		P	99.0
3	☐			23.33		P	37.8
4	☐			40.00		P	46.4
5	☐			45.56		P	27.7
6	☐			81.11		P	20.3
7	☐			158.89		P	9.5
8	☐			1270.07		P	5.7

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

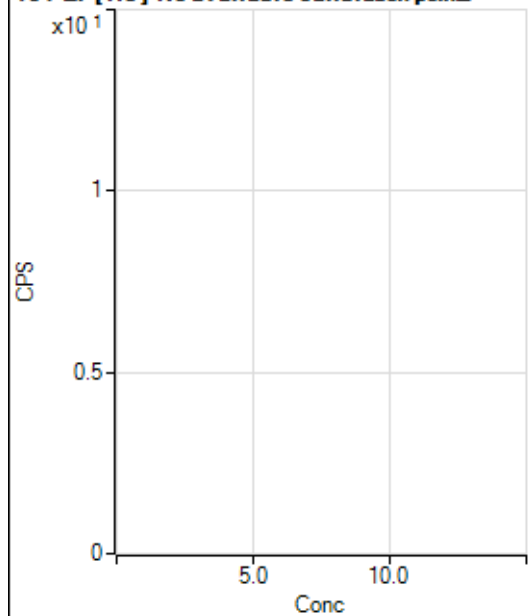
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	27.3
2	☐			91.67		P	50.6
3	☐			94.45		P	18.4
4	☐			119.45		P	35.1
5	☐			105.56		P	12.1
6	☐			116.67		P	25.8
7	☐			191.67		P	15.1
8	☐			2064.10		P	1.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	8.8
2	☐			83.33		P	6.9
3	☐			91.11		P	11.2
4	☐			88.89		P	5.7
5	☐			107.78		P	14.6
6	☐			157.78		P	9.8
7	☐			200.00		P	20.2
8	☐			1520.10		P	1.3

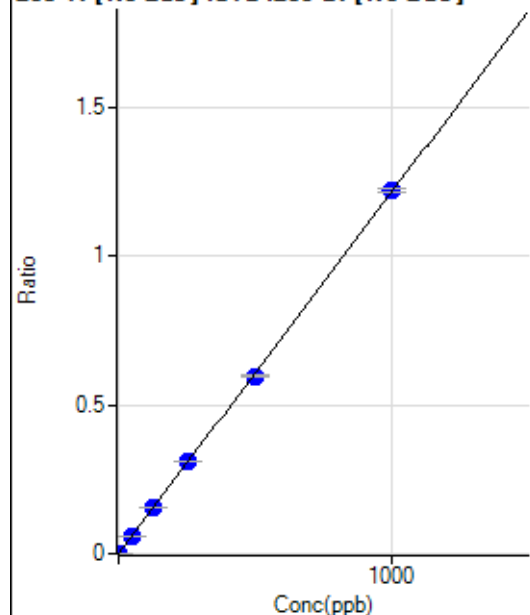
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	44.1
2	☐			61.11		P	20.8
3	☐			80.56		P	15.8
4	☐			47.22		P	62.0
5	☐			75.00		P	11.1
6	☐			61.11		P	43.8
7	☐			61.11		P	87.7
8	☐			230.57		P	29.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	28.4
2	☐			30.00		P	55.6
3	☐			25.56		P	49.4
4	☐			31.11		P	32.7
5	☐			22.22		P	22.9
6	☐			43.33		P	30.8
7	☐			41.11		P	32.8
8	☐			203.34		P	8.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.44	0.0000	P	61.6
2	☐	1.000	0.916	5459.61	0.0011	P	5.0
3	☐	50.000	49.111	291841.32	0.0597	P	0.3
4	☐	125.000	125.826	737297.54	0.1530	P	0.1
5	☐	250.000	254.020	1488544.41	0.3089	P	0.6
6	☐	500.000	490.319	2885142.69	0.5962	P	0.8
7	☐	1000.000	1003.777	5925367.62	1.2206	P	1.2
8	☐			363.90	0.0001	P	21.9

$$y = 0.0012 * x + 1.4076E-005$$

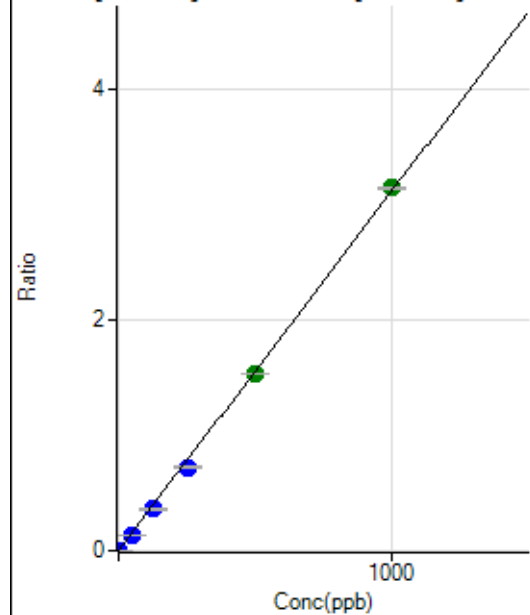
$$R = 0.9999$$

$$DL = 0.02141$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	16.5
2	☐	1.000	0.814	12411.64	0.0026	P	0.6
3	☐	50.000	45.213	687681.11	0.1408	P	0.7
4	☐	125.000	115.438	1731334.07	0.3593	P	0.8
5	☐	250.000	232.423	3486164.94	0.7234	P	0.5
6	☐	500.000	491.198	7398161.36	1.5289	A	0.3
7	☐	1000.000	1010.230	15264981.42	3.1443	A	0.5
8	☐			847.27	0.0002	P	5.6

$$y = 0.0031 * x + 3.0412E-005$$

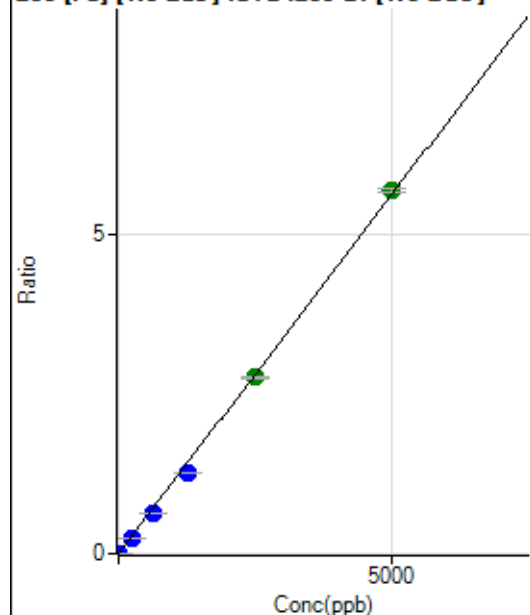
$$R = 0.9998$$

$$DL = 0.00484$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	603.73	0.0001	P	11.6
2	☐	1.000	0.789	4897.30	0.0010	P	2.3
3	☐	250.000	219.781	1210651.12	0.2478	P	0.4
4	☐	625.000	561.399	3048819.17	0.6328	P	0.3
5	☐	1250.000	1129.725	6135467.56	1.2732	P	0.3
6	☐	2500.000	2464.228	13437718.01	2.7770	A	1.0
7	☐	5000.000	5057.416	27666932.33	5.6992	A	1.2
8	☐			23843.80	0.0056	P	1.6

$$y = 0.0011 * x + 1.2246E-004$$

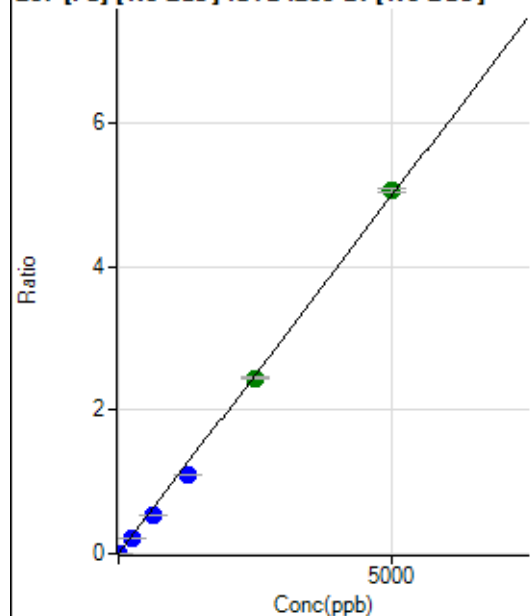
$$R = 0.9996$$

$$DL = 0.03781$$

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	498.17	0.0001	P	3.4
2	☐	1.000	0.740	4061.82	0.0008	P	4.4
3	☐	250.000	215.655	1051799.93	0.2153	P	0.4
4	☐	625.000	548.639	2638203.16	0.5475	P	0.7
5	☐	1250.000	1107.401	5325229.11	1.1050	P	0.5
6	☐	2500.000	2452.516	11841656.17	2.4472	A	0.8
7	☐	5000.000	5070.654	24562058.88	5.0595	A	1.1
8	☐			20661.01	0.0048	P	1.1

$$y = 9.9777E-004 * x + 1.0101E-004$$

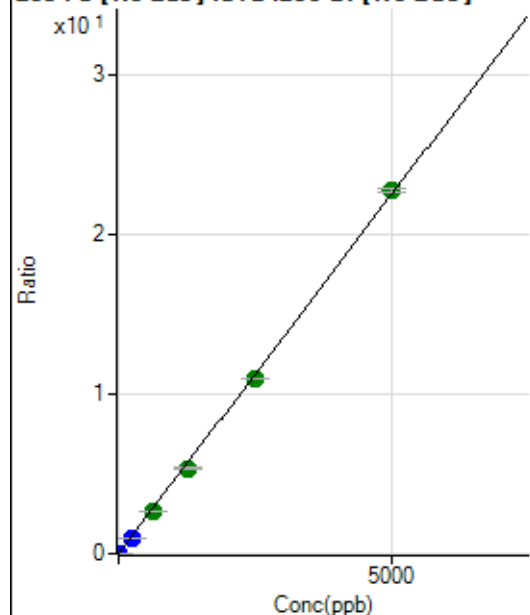
$$R = 0.9995$$

$$DL = 0.01027$$

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	2285.31	0.0005	P	3.0
2	☐	1.000	0.758	18761.08	0.0039	P	2.1
3	☐	250.000	216.181	4753963.84	0.9730	P	0.3
4	☐	625.000	585.217	12687905.75	2.6332	A	1.2
5	☐	1250.000	1189.930	25799518.40	5.3537	A	0.7
6	☐	2500.000	2439.111	53100519.71	10.9735	A	0.5
7	☐	5000.000	5052.126	110340073.9	22.7288	A	1.2
8	☐			92805.17	0.0216	P	0.8

$$y = 0.0045 * x + 4.6339E-004$$

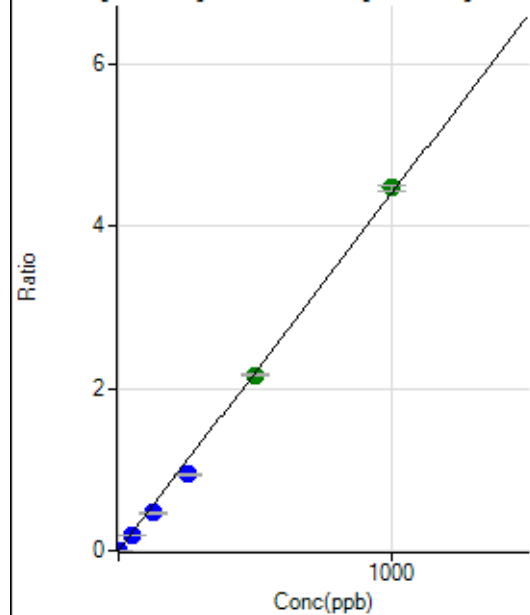
$$R = 0.9998$$

$$DL = 0.009215$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	290.75	0.0001	P	3.2
2	☐	1.000	0.002	324.08	0.0001	P	8.9
3	☐	50.000	40.557	871524.30	0.1784	P	0.5
4	☐	125.000	105.066	2226137.13	0.4620	P	0.7
5	☐	250.000	213.440	4522429.29	0.9385	P	1.2
6	☐	500.000	491.893	10465688.25	2.1628	A	0.5
7	☐	1000.000	1016.158	21688833.24	4.4678	A	1.4
8	☐			851.90	0.0002	P	2.1

$$y = 0.0044 * x + 5.8963E-005$$

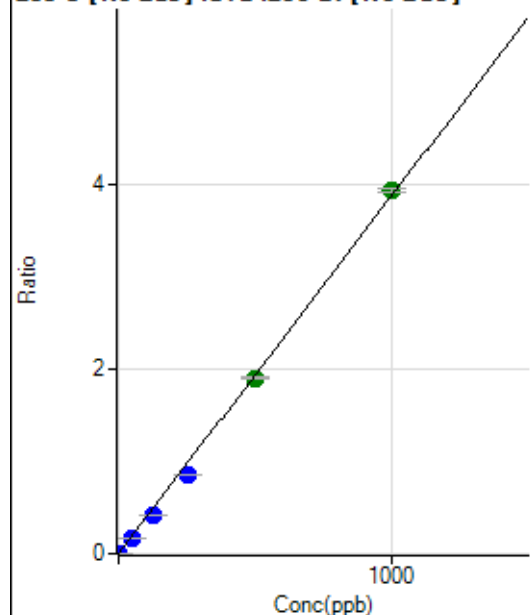
$$R = 0.9992$$

$$DL = 0.001283$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.22	0.0000	P	30.8
2	☐	1.000	0.873	16435.10	0.0034	P	0.4
3	☐	50.000	42.054	795346.61	0.1628	P	0.6
4	☐	125.000	108.766	2028462.87	0.4210	P	1.0
5	☐	250.000	219.368	4091582.43	0.8491	P	0.9
6	☐	500.000	491.796	9211288.65	1.9035	A	0.4
7	☐	1000.000	1014.187	19056126.85	3.9254	A	1.2
8	☐			1699.02	0.0004	P	1.7

$$y = 0.0039 * x + 1.3647E-005$$

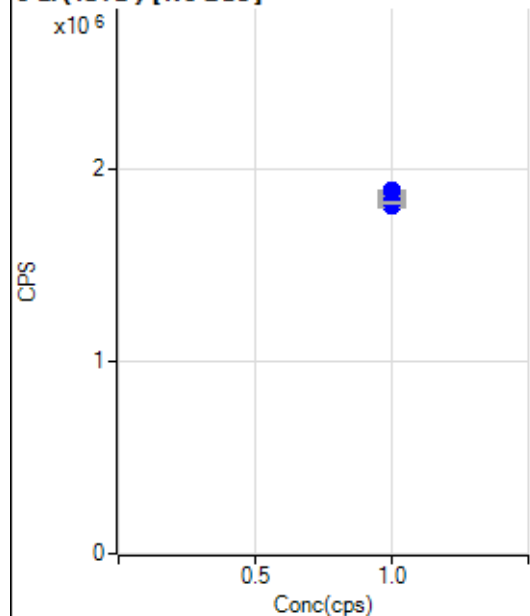
$$R = 0.9994$$

$$DL = 0.003254$$

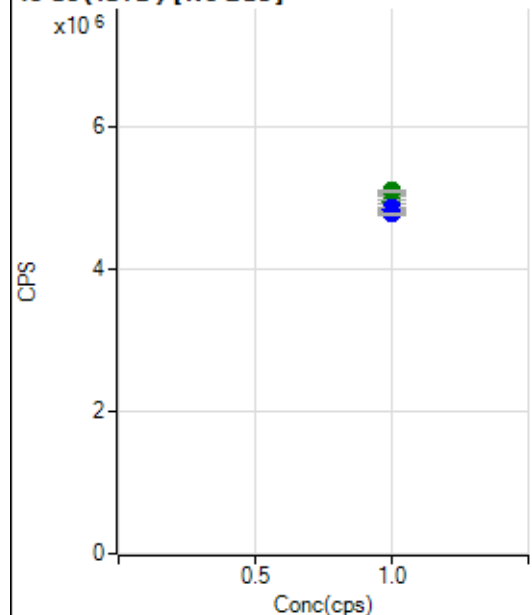
Weight: <None>

Min Conc: 0

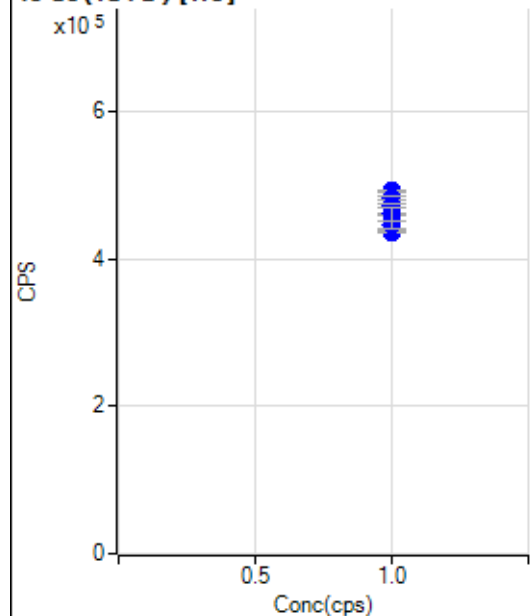
6 Li (ISTD) [No Gas]



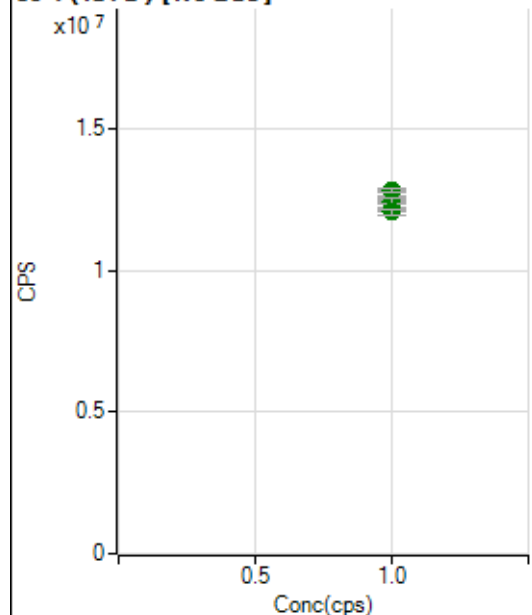
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1886992.87		P	0.2
2	☐	1.000		1876566.12		P	0.6
3	☐	1.000		1890913.67		P	0.8
4	☐	1.000		1878813.82		P	0.7
5	☐	1.000		1862215.30		P	0.5
6	☐	1.000		1838931.55		P	0.9
7	☐	1.000		1811587.75		P	0.6
8	☐	1.000		1829196.15		P	0.9

45 Sc (ISTD) [No Gas]

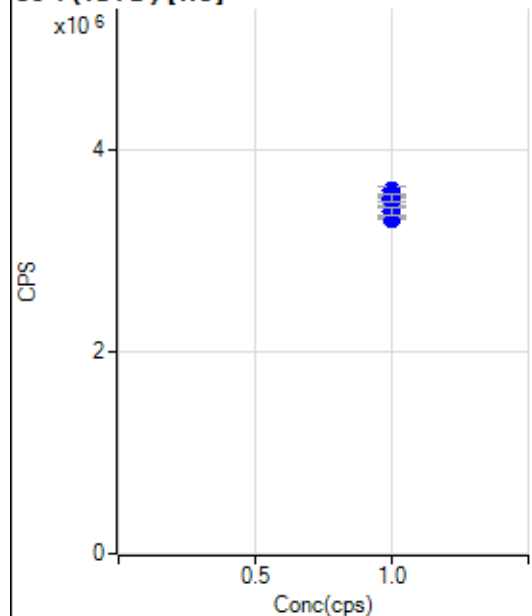
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5086301.21		A	0.9
2	☐	1.000		5047274.51		A	0.3
3	☐	1.000		5110403.19		A	0.5
4	☐	1.000		4958059.10		A	0.9
5	☐	1.000		4868952.57		P	0.6
6	☐	1.000		4797863.68		P	0.4
7	☐	1.000		4852511.11		P	1.2
8	☐	1.000		4784107.60		P	0.4

45 Sc (ISTD) [He]

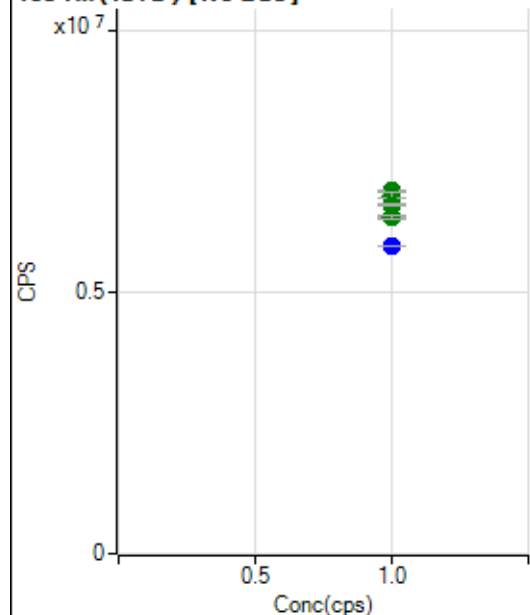
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		493221.47		P	0.8
2	☐	1.000		483366.88		P	0.9
3	☐	1.000		473747.32		P	1.2
4	☐	1.000		461137.15		P	0.6
5	☐	1.000		437870.51		P	0.1
6	☐	1.000		437650.08		P	0.4
7	☐	1.000		447709.70		P	2.3
8	☐	1.000		461645.35		P	3.6

89 Y (ISTD) [No Gas]

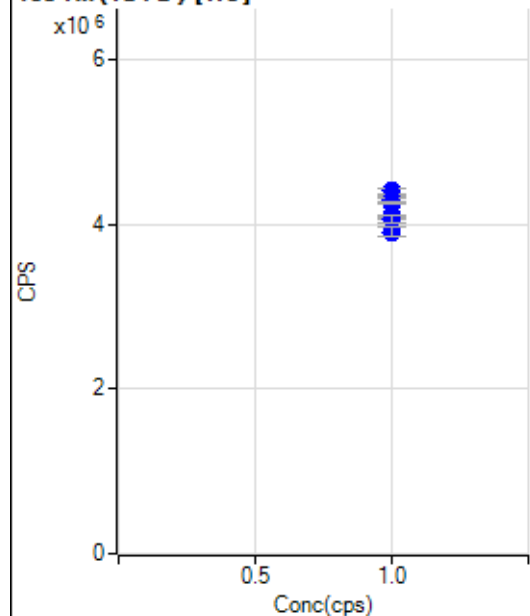
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12801074.53		A	0.4
2	☐	1.000		12589078.01		A	0.9
3	☐	1.000		12812741.62		A	1.1
4	☐	1.000		12402371.34		A	0.9
5	☐	1.000		12146473.43		A	1.2
6	☐	1.000		12197123.71		A	0.6
7	☐	1.000		12436779.26		A	1.6
8	☐	1.000		12058448.01		A	1.2

89 Y (ISTD) [He]

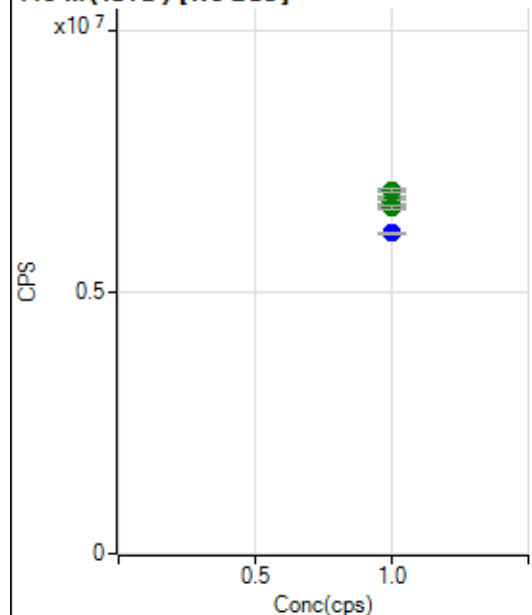
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3594690.57		P	2.5
2	☐	1.000		3554562.65		P	1.0
3	☐	1.000		3510299.36		P	1.1
4	☐	1.000		3444051.27		P	0.3
5	☐	1.000		3323801.10		P	0.4
6	☐	1.000		3338270.02		P	0.7
7	☐	1.000		3394646.02		P	1.9
8	☐	1.000		3519283.90		P	2.4

103 Rh (ISTD) [No Gas]

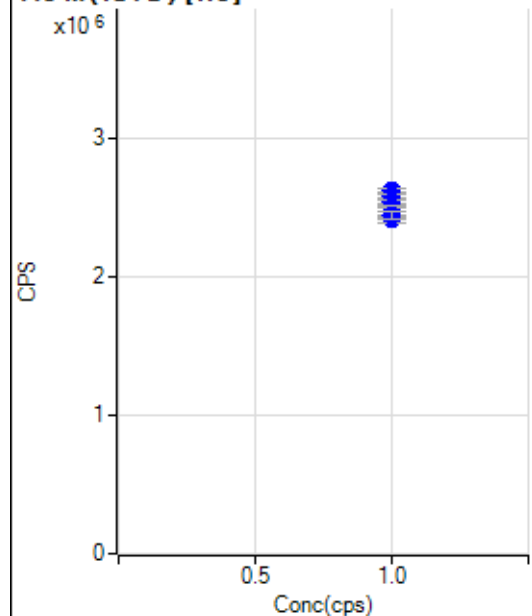
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6946062.95		A	0.1
2	☐	1.000		6809621.29		A	0.3
3	☐	1.000		6859684.06		A	1.7
4	☐	1.000		6678029.62		A	0.2
5	☐	1.000		6460387.68		A	0.7
6	☐	1.000		6426215.11		A	0.2
7	☐	1.000		6442930.25		A	1.5
8	☐	1.000		5884779.22		P	0.1

103 Rh (ISTD) [He]

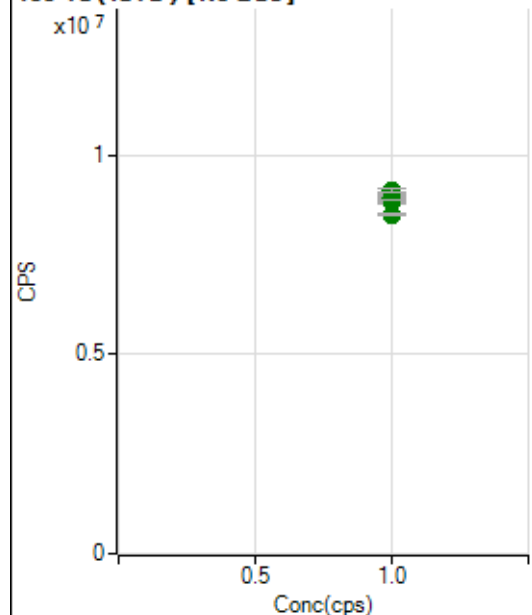
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4410562.16		P	1.8
2	☐	1.000		4361342.57		P	0.5
3	☐	1.000		4297633.96		P	1.3
4	☐	1.000		4257821.08		P	0.4
5	☐	1.000		4106565.42		P	0.5
6	☐	1.000		4075528.20		P	0.7
7	☐	1.000		4064898.13		P	2.0
8	☐	1.000		3913240.46		P	2.8

115 In (ISTD) [No Gas]

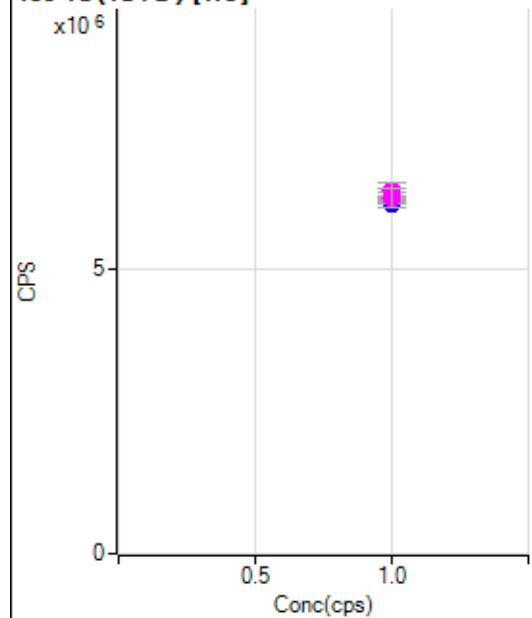
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6920750.84		A	0.6
2	☐	1.000		6832443.62		A	0.5
3	☐	1.000		6936646.75		A	1.0
4	☐	1.000		6723615.30		A	0.9
5	☐	1.000		6635759.43		A	1.4
6	☐	1.000		6604942.73		A	0.9
7	☐	1.000		6626942.81		A	1.0
8	☐	1.000		6123736.83		P	0.1

115 In (ISTD) [He]

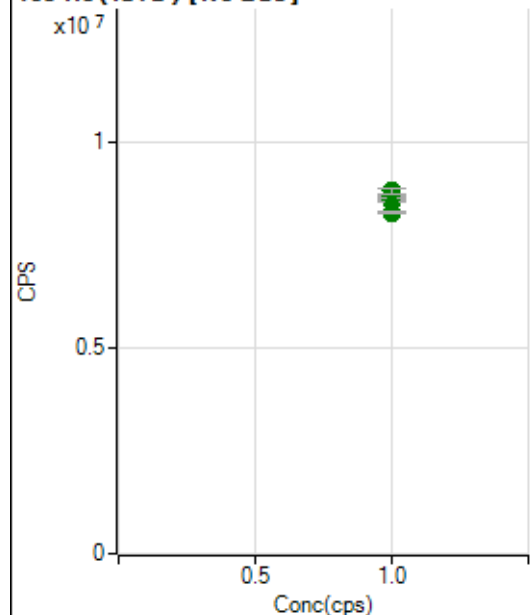
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2614321.28		P	0.9
2	☐	1.000		2574635.01		P	1.1
3	☐	1.000		2536264.83		P	1.0
4	☐	1.000		2499202.67		P	0.3
5	☐	1.000		2414743.33		P	0.3
6	☐	1.000		2417645.88		P	0.7
7	☐	1.000		2414192.75		P	2.0
8	☐	1.000		2438346.16		P	2.5

159 Tb (ISTD) [No Gas]

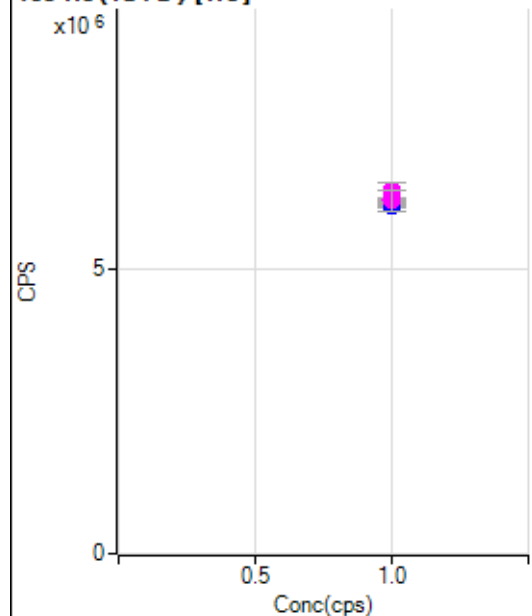
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8884404.31		A	1.3
2	☐	1.000		8818690.22		A	0.6
3	☐	1.000		9036211.53		A	0.8
4	☐	1.000		8847414.11		A	0.6
5	☐	1.000		8933859.03		A	1.0
6	☐	1.000		8886058.55		A	0.2
7	☐	1.000		9103966.04		A	1.1
8	☐	1.000		8494840.36		A	0.5

159 Tb (ISTD) [He]

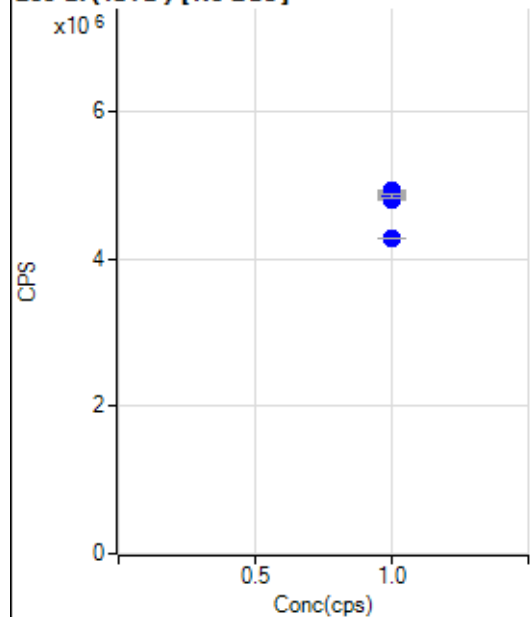
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6285153.87		P	1.3
2	☐	1.000		6216341.09		P	0.7
3	☐	1.000		6190487.06		P	1.2
4	☐	1.000		6192353.86		P	0.3
5	☐	1.000		6152324.08		P	0.5
6	☐	1.000		6244992.34		P	0.6
7	☐	1.000		6363697.68		M	4.7
8	☐	1.000		6233233.59		M	5.6

165 Ho (ISTD) [No Gas]

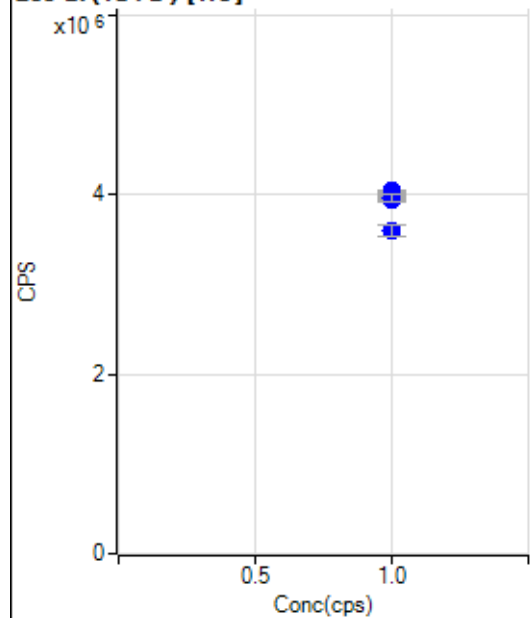
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8668828.97		A	0.9
2	☐	1.000		8555542.44		A	0.3
3	☐	1.000		8663869.52		A	1.2
4	☐	1.000		8580978.34		A	1.0
5	☐	1.000		8654818.34		A	0.7
6	☐	1.000		8673892.72		A	0.8
7	☐	1.000		8796758.76		A	1.3
8	☐	1.000		8262397.45		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6226267.68		P	1.0
2	☐	1.000		6166536.37		P	0.2
3	☐	1.000		6116656.72		P	1.2
4	☐	1.000		6161548.03		P	0.8
5	☐	1.000		6134803.87		P	0.3
6	☐	1.000		6159669.98		P	0.3
7	☐	1.000		6375703.51		M	4.7
8	☐	1.000		6201126.92		M	5.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4931369.54		P	0.5
2	☐	1.000		4842085.55		P	0.6
3	☐	1.000		4885884.96		P	0.5
4	☐	1.000		4818407.78		P	0.5
5	☐	1.000		4818979.48		P	0.5
6	☐	1.000		4839080.00		P	0.5
7	☐	1.000		4854989.13		P	1.2
8	☐	1.000		4290383.31		P	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4044540.49		P	0.7
2	☐	1.000		4001131.22		P	0.6
3	☐	1.000		3959319.25		P	1.0
4	☐	1.000		3989447.54		P	0.2
5	☐	1.000		3940420.67		P	0.5
6	☐	1.000		3974289.28		P	0.7
7	☐	1.000		3962464.18		P	1.9
8	☐	1.000		3596621.27		P	3.5

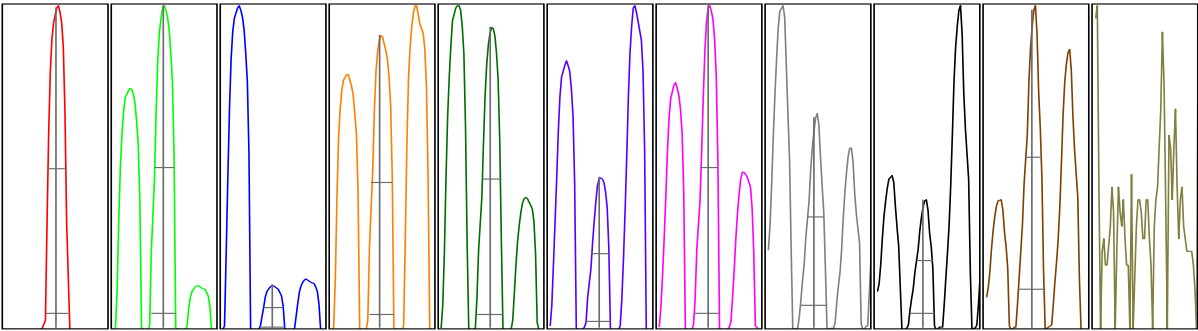
US EPA Tune Check Sample Report

Batch Folder C:\Agilent\ICPMH\1\DATA\P7122120IMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	4883	0.99	5.00		
24	63590	0.51	5.00		
25	8554	0.72	5.00		
26	10013	0.68	5.00		
59	12086	0.36	5.00		
113	6243	0.27	5.00		
115	17448	0.34	5.00		
206	7170	0.37	5.00		
207	6204	0.47	5.00		
208	14841	0.53	5.00		
220	1	34.24			

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	4825	4841	4892	4935	4920
24	63509	63383	63329	64142	63586
25	8463	8554	8550	8636	8568
26	9914	9970	10059	10075	10046
59	12056	12083	12114	12143	12034
113	6241	6255	6229	6226	6265
115	17490	17467	17405	17511	17368
206	7158	7133	7179	7175	7204
207	6160	6210	6208	6242	6198
208	14737	14917	14870	14900	14780
220	1	0	1	0	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	9208	9.05	8.9 - 9.1		0.689	0.900	
24	111807	24.00	23.9 - 24.1		0.737	0.900	
25	14961	25.00	24.9 - 25.1		0.716	0.900	
26	17266	25.95	25.9 - 26.1		0.741	0.900	
59	22536	59.00	58.9 - 59.1		0.769	0.900	
113	12252	113.00	112.9 - 113.1		0.695	0.900	
115	34469	115.00	114.9 - 115.1		0.722	0.900	
206	14698	205.90	205.9 - 206.1		0.747	0.900	
207	12620	206.90	206.9 - 207.1		0.701	0.900	
208	31255	207.90	207.9 - 208.1		0.736	0.900	
220			-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.3	V	Deflect	13.8	V
Extract 2	-180.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	4734	0.74	
89	232886	0.95	
205	8127	0.67	

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
59	4678	4735	4747	4774	4736
89	229321	232453	233341	234593	234722
205	8047	8188	8141	8156	8102

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	13.4	V	Deflect	1.8	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	3.9	mL/min	OctP RF	200	V			

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:30:56	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.06	-0.47	-0.58	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	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	11-1	-0.05	-0.02	0.06	0.00	N/A	ppb
Boron	10-1	-0.02	0.17	-0.15	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.45	-0.85	1.31	0.00	N/A	ppb
Cadmium	108-1	0.03	0.03	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-5.67	-2.53	8.20	0.00	N/A	ppb
Calcium	44-1	-1.51	1.90	-0.39	0.00	N/A	ppb
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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	56-2	0.03	-0.09	0.05	0.00	N/A	ppb
Iron	57-2	0.13	0.07	-0.20	0.00	N/A	ppb
Iron	54-2	-0.29	-0.46	0.74	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:30:56	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.09	-0.07	-0.02	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	8.76	12.42	-9.59	3.87	305.20	ppb
Potassium	39-2	-1.20	-2.53	3.72	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	-0.78	-0.18	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.24	-0.21	0.44	0.00	N/A	ppb
Silicon	28-1	0.56	0.15	-0.70	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.11	-0.32	0.22	0.00	N/A	ppb
Strontium	86-1	-0.13	0.04	0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-125.01	-130.26	-166.79	-140.69		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.04	0.00	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:30:56	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.03	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:34:28	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.17	22.72	21.99	20.96	11.67	ppb
Antimony	121-1	1.85	1.81	1.84	1.83	1.05	ppb
Arsenic	75-2	0.92	1.01	0.80	0.91	11.67	ppb
Barium	135-1	9.44	9.00	8.70	9.05	4.12	ppb
Barium	137-1	9.48	9.57	9.22	9.43	1.91	ppb
Beryllium	9-1	0.84	0.86	0.93	0.88	5.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	20.82	21.97	22.35	21.71	3.67	ppb
Boron	10-1	22.91	23.05	22.49	22.82	1.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.07	-0.63	-3.58	-1.43		ppb
Cadmium	108-1	1.29	1.10	1.08	1.16	10.32	ppb
Cadmium	111-1	1.22	1.12	1.12	1.15	4.94	ppb
Calcium	43-1	545.76	516.97	510.76	524.50	3.56	ppb
Calcium	44-1	507.04	502.46	512.26	507.25	0.97	ppb
Chromium	52-2	1.84	1.91	1.85	1.87	2.27	ppb
Cobalt	59-2	0.96	0.95	0.89	0.93	3.99	ppb
Copper	63-2	2.07	2.07	2.09	2.08	0.41	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	51.25	50.63	49.02	50.30	2.30	ppb
Iron	57-2	53.48	53.78	48.87	52.04	5.29	ppb
Iron	54-2	57.63	53.38	53.22	54.74	4.56	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.80	0.80	0.79	2.60	ppb
Lead	207-1	0.72	0.71	0.78	0.74	5.02	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:34:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.74	0.75	0.78	0.76	2.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	492.39	495.82	479.71	489.31	1.73	ppb
Manganese	55-2	0.95	0.88	0.93	0.92	4.02	ppb
Molybdenum	94-1	4.60	4.66	4.81	4.69	2.31	ppb
Molybdenum	95-1	4.54	4.85	4.67	4.69	3.26	ppb
Molybdenum	96-1	4.87	4.79	4.56	4.74	3.36	ppb
Molybdenum	97-1	4.43	4.77	4.67	4.62	3.78	ppb
Molybdenum	98-1	4.67	4.60	4.74	4.67	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.97	1.02	0.96	6.67	ppb
Phosphorus	31-2	7.24	-22.82	3.98	-3.87		ppb
Potassium	39-2	485.65	518.13	503.07	502.28	3.24	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	3.80	4.81	4.91	4.51	13.55	ppb
Selenium	77-2	3.44	5.60	4.59	4.54	23.84	ppb
Selenium	78-2	5.17	4.91	4.96	5.01	2.82	ppb
Silicon	28-1	9.86	8.40	9.03	9.10	8.06	ppb
Silver	107-1	1.00	1.02	0.99	1.00	1.70	ppb
Silver	109-1	1.00	0.91	1.02	0.98	5.54	ppb
Sodium	23-2	421.36	437.69	420.21	426.42	2.29	ppb
Strontium	86-1	0.95	0.80	0.97	0.90	10.44	ppb
Strontium	88-1	0.91	0.91	0.91	0.91	0.24	ppb
Sulfur	34-1	19.76	129.12	273.19	140.69	90.35	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.93	0.95	0.86	0.92	5.09	ppb
Thallium	205-1	0.81	0.82	0.81	0.81	0.57	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	74.80	ppb
Tin	118-1	5.05	4.80	4.91	4.92	2.48	ppb
Titanium	47-1	4.92	4.47	4.71	4.70	4.75	ppb
Uranium	238-1	0.87	0.87	0.88	0.87	0.40	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:34:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.65	4.51	4.35	4.50	3.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	1.91	2.12	1.84	1.96	7.39	ppb
Zirconium	91-1	0.91	0.86	0.84	0.87	3.94	ppb
Zirconium	90-1	0.86	0.98	0.95	0.93	6.94	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:38:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1099.81	1089.15	1095.61	1094.85	0.49	ppb
Antimony	121-1	50.47	50.08	50.59	50.38	0.53	ppb
Arsenic	75-2	50.66	50.82	50.58	50.69	0.24	ppb
Barium	135-1	245.48	243.63	247.90	245.67	0.87	ppb
Barium	137-1	248.77	245.73	250.17	248.23	0.91	ppb
Beryllium	9-1	50.89	50.57	49.74	50.40	1.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	48.77	48.65	50.03	49.15	1.55	ppb
Boron	10-1	48.33	48.73	45.54	47.54	3.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	49.41	48.18	45.93	47.84	3.69	ppb
Cadmium	108-1	52.84	50.84	52.78	52.16	2.18	ppb
Cadmium	111-1	51.89	51.67	53.22	52.26	1.61	ppb
Calcium	43-1	5711.86	5680.58	5675.80	5689.41	0.34	ppb
Calcium	44-1	5663.95	5711.58	5745.63	5707.05	0.72	ppb
Chromium	52-2	50.56	50.74	50.59	50.63	0.19	ppb
Cobalt	59-2	51.54	51.56	51.96	51.69	0.46	ppb
Copper	63-2	511.38	508.20	513.64	511.07	0.53	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				97		%
Iron	56-2	2606.29	2676.81	2657.08	2646.73	1.37	ppb
Iron	57-2	2742.92	2753.37	2754.22	2750.17	0.23	ppb
Iron	54-2	2894.03	2859.62	2872.81	2875.48	0.60	ppb
Krypton	83-1						cps
Lead	206-1	218.88	220.05	220.41	219.78	0.36	ppb
Lead	207-1	214.83	215.63	216.51	215.65	0.39	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:38:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	215.45	216.35	216.75	216.18	0.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	5520.66	5574.70	5573.64	5556.33	0.56	ppb
Manganese	55-2	513.67	513.45	521.22	516.11	0.86	ppb
Molybdenum	94-1	250.75	254.67	253.08	252.84	0.78	ppb
Molybdenum	95-1	251.51	254.25	252.84	252.87	0.54	ppb
Molybdenum	96-1	252.16	253.61	255.39	253.72	0.64	ppb
Molybdenum	97-1	253.56	254.35	253.81	253.91	0.16	ppb
Molybdenum	98-1	250.26	252.87	253.02	252.05	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.18	52.60	52.26	52.35	0.42	ppb
Phosphorus	31-2	1005.06	1008.54	1002.95	1005.52	0.28	ppb
Potassium	39-2	2873.25	2866.29	2890.66	2876.73	0.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	51.71	50.09	49.27	50.36	2.47	ppb
Selenium	77-2	47.83	51.46	55.74	51.68	7.66	ppb
Selenium	78-2	50.68	53.33	52.05	52.02	2.55	ppb
Silicon	28-1	49.89	51.01	51.15	50.68	1.36	ppb
Silver	107-1	52.90	51.96	52.94	52.60	1.05	ppb
Silver	109-1	52.53	52.07	52.18	52.26	0.45	ppb
Sodium	23-2	4803.63	4829.99	4837.94	4823.86	0.37	ppb
Strontium	86-1	50.42	50.66	51.40	50.82	1.01	ppb
Strontium	88-1	49.88	50.17	50.56	50.20	0.68	ppb
Sulfur	34-1	1013.30	1227.12	1527.31	1255.91	20.56	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	48.95	49.27	49.11	49.11	0.33	ppb
Thallium	205-1	44.88	45.31	45.45	45.21	0.66	ppb
Thorium	232-1	40.44	40.81	40.42	40.56	0.54	ppb
Tin	118-1	52.17	51.28	52.14	51.86	0.98	ppb
Titanium	47-1	257.63	256.11	255.34	256.36	0.45	ppb
Uranium	238-1	42.09	42.28	41.80	42.05	0.58	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:38:01	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.16	50.72	50.35	50.41	0.56	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	507.05	512.63	512.85	510.85	0.64	ppb
Zirconium	91-1	48.91	49.85	49.94	49.57	1.16	ppb
Zirconium	90-1	49.39	50.20	50.17	49.92	0.93	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:41:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2701.25	2702.91	2721.89	2708.68	0.42	ppb
Antimony	121-1	128.91	128.35	127.39	128.22	0.60	ppb
Arsenic	75-2	126.61	127.12	125.39	126.37	0.70	ppb
Barium	135-1	627.28	632.67	622.63	627.52	0.80	ppb
Barium	137-1	631.47	630.21	629.82	630.50	0.14	ppb
Beryllium	9-1	127.19	129.82	128.63	128.54	1.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	122.56	123.36	125.55	123.82	1.25	ppb
Boron	10-1	119.31	126.70	123.48	123.16	3.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	132.11	124.27	125.04	127.14	3.40	ppb
Cadmium	108-1	129.44	133.18	129.95	130.86	1.55	ppb
Cadmium	111-1	133.01	134.00	130.38	132.46	1.41	ppb
Calcium	43-1	14363.60	14275.00	14357.14	14331.91	0.34	ppb
Calcium	44-1	14492.42	14369.57	14534.67	14465.56	0.59	ppb
Chromium	52-2	127.88	126.67	125.42	126.66	0.97	ppb
Cobalt	59-2	129.36	127.93	128.76	128.68	0.56	ppb
Copper	63-2	1278.75	1257.78	1259.30	1265.28	0.92	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	6743.72	6600.31	6598.04	6647.36	1.26	ppb
Iron	57-2	6838.15	6848.29	6807.50	6831.31	0.31	ppb
Iron	54-2	7159.22	7120.14	7002.35	7093.90	1.15	ppb
Krypton	83-1						cps
Lead	206-1	560.45	563.36	560.38	561.40	0.30	ppb
Lead	207-1	548.50	545.08	552.34	548.64	0.66	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:41:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	579.95	582.19	593.51	585.22	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	13826.98	13779.14	13703.71	13769.95	0.45	ppb
Manganese	55-2	1294.56	1276.73	1277.16	1282.82	0.79	ppb
Molybdenum	94-1	647.74	648.24	639.59	645.19	0.75	ppb
Molybdenum	95-1	642.97	647.96	639.42	643.45	0.67	ppb
Molybdenum	96-1	644.08	648.05	642.12	644.75	0.47	ppb
Molybdenum	97-1	642.00	649.33	642.70	644.68	0.63	ppb
Molybdenum	98-1	643.37	649.43	643.24	645.35	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.04	128.34	129.29	128.89	0.38	ppb
Phosphorus	31-2	2560.59	2589.09	2561.97	2570.55	0.63	ppb
Potassium	39-2	7064.91	7053.49	7012.55	7043.65	0.39	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	129.39	135.14	129.64	131.39	2.47	ppb
Selenium	77-2	131.67	117.60	132.76	127.34	6.64	ppb
Selenium	78-2	125.97	123.88	121.80	123.88	1.69	ppb
Silicon	28-1	140.15	140.95	143.90	141.67	1.39	ppb
Silver	107-1	133.13	133.16	132.35	132.88	0.34	ppb
Silver	109-1	132.89	132.38	130.55	131.94	0.93	ppb
Sodium	23-2	11169.01	11109.09	11096.51	11124.87	0.35	ppb
Strontium	86-1	128.40	130.08	128.72	129.07	0.69	ppb
Strontium	88-1	127.75	128.01	127.15	127.64	0.35	ppb
Sulfur	34-1	3577.49	3452.47	3742.10	3590.69	4.05	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	125.83	125.73	125.92	125.83	0.08	ppb
Thallium	205-1	115.11	116.43	114.78	115.44	0.75	ppb
Thorium	232-1	105.54	105.45	104.21	105.07	0.71	ppb
Tin	118-1	131.50	130.49	130.19	130.73	0.53	ppb
Titanium	47-1	647.87	639.20	650.65	645.91	0.92	ppb
Uranium	238-1	108.64	109.96	107.69	108.77	1.05	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:41:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	125.17	126.02	124.18	125.12	0.73	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	1278.18	1255.93	1264.78	1266.29	0.88	ppb
Zirconium	91-1	126.92	128.77	127.02	127.57	0.82	ppb
Zirconium	90-1	128.18	129.67	128.59	128.81	0.60	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:45:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5506.63	5505.60	5477.07	5496.43	0.31	ppb
Antimony	121-1	255.40	249.74	252.14	252.43	1.13	ppb
Arsenic	75-2	256.37	255.87	254.48	255.57	0.38	ppb
Barium	135-1	1256.35	1221.81	1233.69	1237.28	1.42	ppb
Barium	137-1	1254.54	1225.73	1239.94	1240.07	1.16	ppb
Beryllium	9-1	257.75	260.77	256.16	258.23	0.91	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	251.18	251.28	251.79	251.42	0.13	ppb
Boron	10-1	245.31	251.21	251.04	249.19	1.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	262.80	252.49	249.61	254.97	2.72	ppb
Cadmium	108-1	264.57	255.24	257.14	258.98	1.90	ppb
Cadmium	111-1	260.88	256.27	255.80	257.65	1.09	ppb
Calcium	43-1	28756.11	28453.26	28783.76	28664.38	0.64	ppb
Calcium	44-1	26621.23	26215.03	26677.09	26504.45	0.95	ppb
Chromium	52-2	258.02	258.37	254.44	256.94	0.85	ppb
Cobalt	59-2	261.97	259.09	258.41	259.82	0.73	ppb
Copper	63-2	2606.74	2601.88	2569.18	2592.60	0.79	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				96		%
Indium	115-2				92		%
Iron	56-2	13524.51	13524.14	13314.54	13454.40	0.90	ppb
Iron	57-2	13932.16	13937.78	13788.44	13886.13	0.61	ppb
Iron	54-2	14474.56	14441.23	14272.62	14396.14	0.75	ppb
Krypton	83-1						cps
Lead	206-1	1125.57	1131.01	1132.60	1129.73	0.33	ppb
Lead	207-1	1103.79	1113.51	1104.90	1107.40	0.48	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:45:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1195.60	1193.30	1180.88	1189.93	0.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	26726.97	26692.57	26395.11	26604.88	0.69	ppb
Manganese	55-2	2566.80	2538.99	2531.22	2545.67	0.73	ppb
Molybdenum	94-1	1311.60	1286.14	1282.12	1293.29	1.24	ppb
Molybdenum	95-1	1315.22	1282.27	1273.78	1290.43	1.70	ppb
Molybdenum	96-1	1309.63	1279.73	1282.60	1290.65	1.28	ppb
Molybdenum	97-1	1313.18	1288.17	1288.93	1296.76	1.10	ppb
Molybdenum	98-1	1297.20	1260.94	1274.39	1277.51	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.52	259.50	256.54	259.52	1.15	ppb
Phosphorus	31-2	5189.47	5154.08	5146.26	5163.27	0.45	ppb
Potassium	39-2	13362.40	13383.12	13255.57	13333.69	0.51	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	82-1	265.97	256.98	257.80	260.25	1.91	ppb
Selenium	77-2	251.40	254.20	276.22	260.61	5.21	ppb
Selenium	78-2	261.44	254.01	257.98	257.81	1.44	ppb
Silicon	28-1	252.61	249.80	251.97	251.46	0.59	ppb
Silver	107-1	260.44	253.19	259.67	257.77	1.55	ppb
Silver	109-1	258.06	253.97	256.36	256.13	0.80	ppb
Sodium	23-2	22686.02	22589.47	22610.09	22628.53	0.22	ppb
Strontium	86-1	262.84	255.32	253.19	257.12	1.97	ppb
Strontium	88-1	258.80	253.56	254.06	255.47	1.13	ppb
Sulfur	34-1	6065.08	5538.87	5709.31	5771.09	4.65	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	255.06	252.16	254.84	254.02	0.64	ppb
Thallium	205-1	232.17	231.29	233.81	232.42	0.55	ppb
Thorium	232-1	214.51	210.53	215.28	213.44	1.20	ppb
Tin	118-1	261.52	255.68	255.98	257.73	1.28	ppb
Titanium	47-1	1300.88	1288.15	1275.48	1288.17	0.99	ppb
Uranium	238-1	220.48	217.12	220.50	219.37	0.89	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:45:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	255.17	254.23	252.52	253.97	0.53	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	2601.11	2593.20	2574.37	2589.56	0.53	ppb
Zirconium	91-1	257.89	255.49	254.10	255.82	0.75	ppb
Zirconium	90-1	261.68	254.21	256.14	257.34	1.51	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:48:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10483.92	10559.04	10473.82	10505.59	0.44	ppb
Antimony	121-1	490.14	485.69	484.75	486.86	0.59	ppb
Arsenic	75-2	490.36	489.40	488.30	489.35	0.21	ppb
Barium	135-1	2415.41	2385.11	2390.00	2396.84	0.68	ppb
Barium	137-1	2488.42	2488.76	2470.12	2482.43	0.43	ppb
Beryllium	9-1	495.58	495.16	488.96	493.23	0.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	481.80	497.12	491.40	490.11	1.58	ppb
Boron	10-1	479.31	490.69	494.66	488.22	1.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	496.98	500.63	483.23	493.61	1.86	ppb
Cadmium	108-1	498.03	498.22	492.23	496.16	0.69	ppb
Cadmium	111-1	505.25	496.33	493.28	498.29	1.25	ppb
Calcium	43-1	55687.16	55454.24	54600.13	55247.18	1.04	ppb
Calcium	44-1	51985.71	51651.93	50882.45	51506.70	1.10	ppb
Chromium	52-2	494.28	494.37	490.76	493.14	0.42	ppb
Cobalt	59-2	501.12	497.08	496.94	498.38	0.48	ppb
Copper	63-2	5013.14	4996.80	4930.37	4980.11	0.88	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				95		%
Indium	115-2				92		%
Iron	56-2	25783.60	26129.84	26014.05	25975.83	0.68	ppb
Iron	57-2	26811.84	26682.38	26792.90	26762.37	0.26	ppb
Iron	54-2	27695.94	27809.73	27423.54	27643.07	0.72	ppb
Krypton	83-1						cps
Lead	206-1	2476.47	2479.67	2436.55	2464.23	0.98	ppb
Lead	207-1	2458.99	2469.23	2429.33	2452.52	0.85	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:48:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2442.46	2449.96	2424.91	2439.11	0.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	50874.29	50402.94	50236.13	50504.46	0.66	ppb
Manganese	55-2	4879.36	4930.56	4936.32	4915.41	0.64	ppb
Molybdenum	94-1	2445.84	2498.00	2460.01	2467.95	1.09	ppb
Molybdenum	95-1	2435.85	2476.80	2427.86	2446.84	1.07	ppb
Molybdenum	96-1	2466.61	2456.31	2440.37	2454.43	0.54	ppb
Molybdenum	97-1	2486.02	2495.48	2444.62	2475.37	1.09	ppb
Molybdenum	98-1	2444.84	2470.12	2401.16	2438.71	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.86	497.99	498.44	499.09	0.31	ppb
Phosphorus	31-2	9769.39	9947.47	9758.47	9825.11	1.08	ppb
Potassium	39-2	25192.84	25225.08	25148.54	25188.82	0.15	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	495.85	496.51	492.37	494.91	0.45	ppb
Selenium	77-2	482.47	501.07	496.72	493.42	1.97	ppb
Selenium	78-2	494.68	485.58	484.57	488.27	1.14	ppb
Silicon	28-1	713.15	716.73	727.03	718.97	1.00	ppb
Silver	107-1	497.18	495.04	491.57	494.60	0.57	ppb
Silver	109-1	496.20	496.32	487.26	493.26	1.05	ppb
Sodium	23-2	43298.50	43149.36	43363.91	43270.59	0.25	ppb
Strontium	86-1	493.16	496.16	490.63	493.32	0.56	ppb
Strontium	88-1	493.88	493.74	486.43	491.35	0.87	ppb
Sulfur	34-1	9856.94	9357.00	9735.31	9649.75	2.70	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	491.58	493.51	485.87	490.32	0.81	ppb
Thallium	205-1	492.44	491.89	489.26	491.20	0.35	ppb
Thorium	232-1	492.34	494.15	489.19	491.89	0.51	ppb
Tin	118-1	502.12	497.69	495.92	498.58	0.64	ppb
Titanium	47-1	2487.78	2477.43	2483.57	2482.93	0.21	ppb
Uranium	238-1	493.58	489.97	491.84	491.80	0.37	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:48:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	493.40	492.21	490.90	492.17	0.25	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	4976.21	4957.13	4922.31	4951.88	0.55	ppb
Zirconium	91-1	493.51	498.65	489.10	493.75	0.97	ppb
Zirconium	90-1	493.11	498.88	487.82	493.27	1.12	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:51:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21681.77	21495.22	20551.33	21242.78	2.85	ppb
Antimony	121-1	1013.98	1011.62	991.03	1005.54	1.26	ppb
Arsenic	75-2	1025.05	1012.24	973.89	1003.72	2.65	ppb
Barium	135-1	5115.06	5105.87	4943.05	5054.66	1.91	ppb
Barium	137-1	5056.41	5050.08	4925.51	5010.67	1.47	ppb
Beryllium	9-1	1006.92	999.01	996.66	1000.86	0.54	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	994.08	1011.49	1009.03	1004.86	0.94	ppb
Boron	10-1	997.84	1011.65	1010.02	1006.50	0.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1012.15	1012.06	981.18	1001.79	1.78	ppb
Cadmium	108-1	1004.15	1001.71	990.64	998.83	0.72	ppb
Cadmium	111-1	1010.76	999.43	983.51	997.90	1.37	ppb
Calcium	43-1	113779.25	111468.35	111681.91	112309.84	1.14	ppb
Calcium	44-1	106664.82	105022.01	103658.15	105114.99	1.43	ppb
Chromium	52-2	1023.09	1010.31	970.97	1001.46	2.71	ppb
Cobalt	59-2	1018.26	1002.21	972.96	997.81	2.30	ppb
Copper	63-2	10232.06	10031.60	9689.34	9984.33	2.75	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	54054.15	52933.94	51381.06	52789.72	2.54	ppb
Iron	57-2	55022.06	54530.65	52458.32	54003.67	2.52	ppb
Iron	54-2	55311.54	55011.24	51698.10	54006.96	3.71	ppb
Krypton	83-1						cps
Lead	206-1	5127.39	5031.23	5013.63	5057.42	1.21	ppb
Lead	207-1	5093.93	5113.27	5004.76	5070.65	1.14	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:51:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5080.15	5094.41	4981.82	5052.13	1.21	ppb
Lithium	6-1				96		%
Magnesium	24-2	105230.48	103580.91	98498.74	102436.71	3.43	ppb
Manganese	55-2	10191.36	10186.74	9699.81	10025.97	2.82	ppb
Molybdenum	94-1	5114.95	5020.97	4871.69	5002.54	2.45	ppb
Molybdenum	95-1	5102.79	5029.10	4910.18	5014.03	1.94	ppb
Molybdenum	96-1	5072.32	5024.20	4933.38	5009.97	1.41	ppb
Molybdenum	97-1	5034.93	5040.49	4918.49	4997.97	1.38	ppb
Molybdenum	98-1	5088.22	5054.80	4920.34	5021.12	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1018.84	1005.19	968.39	997.47	2.62	ppb
Phosphorus	31-2	20344.03	20291.46	19477.11	20037.53	2.43	ppb
Potassium	39-2	52716.29	52363.75	50054.27	51711.43	2.80	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	1012.83	998.64	986.04	999.17	1.34	ppb
Selenium	77-2	1006.74	986.32	1007.73	1000.26	1.21	ppb
Selenium	78-2	1026.03	1011.34	974.47	1003.95	2.65	ppb
Silicon	28-1	888.87	889.78	885.48	888.04	0.26	ppb
Silver	107-1	1003.78	1011.93	983.22	999.64	1.48	ppb
Silver	109-1	1018.07	1001.49	983.01	1000.86	1.75	ppb
Sodium	23-2	90326.27	88717.86	85447.90	88164.01	2.82	ppb
Strontium	86-1	1013.68	1010.21	979.15	1001.01	1.90	ppb
Strontium	88-1	1011.58	1008.40	987.87	1002.62	1.28	ppb
Sulfur	34-1	20234.30	19845.19	19420.17	19833.22	2.05	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1015.07	1005.34	990.92	1003.78	1.21	ppb
Thallium	205-1	1014.59	1011.58	1004.52	1010.23	0.51	ppb
Thorium	232-1	1032.19	1011.14	1005.15	1016.16	1.40	ppb
Tin	118-1	1008.54	999.53	985.85	997.97	1.15	ppb
Titanium	47-1	5057.37	4983.25	4947.57	4996.06	1.12	ppb
Uranium	238-1	1027.28	1011.13	1004.15	1014.19	1.17	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:51:58	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1026.35	1009.65	972.66	1002.89	2.74	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	10252.35	10122.32	9622.60	9999.09	3.32	ppb
Zirconium	91-1	1021.57	1005.32	977.22	1001.37	2.24	ppb
Zirconium	90-1	1022.27	1003.19	977.71	1001.06	2.23	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:09:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102834.86	102269.80	93905.03	99669.90	5.02	ppb
Antimony	121-1	0.43	0.46	0.47	0.45	3.77	ppb
Arsenic	75-2	0.32	0.31	0.29	0.31	6.34	ppb
Barium	135-1	0.98	1.09	1.00	1.02	5.72	ppb
Barium	137-1	0.91	0.95	0.92	0.93	2.14	ppb
Beryllium	9-1	0.03	0.04	0.08	0.05	47.92	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	11-1	3.39	3.33	3.50	3.41	2.56	ppb
Boron	10-1	3.18	3.28	2.80	3.09	8.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.43	-3.11	-1.45	-2.66		ppb
Cadmium	108-1	0.58	0.65	0.65	0.62	6.55	ppb
Cadmium	111-1	0.27	0.24	0.25	0.25	6.36	ppb
Calcium	43-1	499257.03	494632.80	496442.31	496777.38	0.47	ppb
Calcium	44-1	499986.75	498137.64	497960.29	498694.89	0.23	ppb
Chromium	52-2	3.26	3.40	3.05	3.24	5.55	ppb
Cobalt	59-2	1.35	1.47	1.26	1.36	7.76	ppb
Copper	63-2	2.20	2.26	2.08	2.18	4.17	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				100		%
Indium	115-1				88		%
Indium	115-2				93		%
Iron	56-2	251941.26	259367.05	236547.75	249285.35	4.67	ppb
Iron	57-2	252231.25	258525.45	236053.35	248936.69	4.66	ppb
Iron	54-2	250577.79	258088.76	237777.38	248814.64	4.13	ppb
Krypton	83-1						cps
Lead	206-1	4.90	4.75	4.82	4.82	1.59	ppb
Lead	207-1	4.67	4.73	4.78	4.73	1.16	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:09:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.75	4.67	4.70	4.71	0.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	513346.06	513531.99	471155.95	499344.67	4.89	ppb
Manganese	55-2	4.68	4.73	4.51	4.64	2.44	ppb
Molybdenum	94-1	0.94	0.98	0.99	0.97	2.88	ppb
Molybdenum	95-1	0.89	0.81	0.76	0.82	7.97	ppb
Molybdenum	96-1	1.14	1.16	1.15	1.15	0.70	ppb
Molybdenum	97-1	0.86	0.91	0.77	0.85	8.73	ppb
Molybdenum	98-1	0.79	0.81	0.77	0.79	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.54	2.50	2.31	2.45	5.13	ppb
Phosphorus	31-2	30.96	14.23	12.06	19.08	54.20	ppb
Potassium	39-2	252469.95	258061.42	238189.23	249573.53	4.11	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	1.57	1.19	-0.62	0.71	164.26	ppb
Selenium	77-2	0.00	0.27	0.53	0.27	98.61	ppb
Selenium	78-2	-0.43	-0.40	0.55	-0.10		ppb
Silicon	28-1	17.79	19.58	21.67	19.68	9.86	ppb
Silver	107-1	0.28	0.30	0.29	0.29	2.67	ppb
Silver	109-1	0.25	0.24	0.28	0.26	8.78	ppb
Sodium	23-2	515282.30	517571.37	476731.10	503194.93	4.56	ppb
Strontium	86-1	5.19	5.47	5.00	5.22	4.54	ppb
Strontium	88-1	5.21	5.33	5.16	5.24	1.62	ppb
Sulfur	34-1	-1275.99	-1608.19	-1608.97	-1497.72		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.07	0.04	0.06	26.20	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	6.61	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	3.00	ppb
Tin	118-1	0.14	0.19	0.12	0.15	25.97	ppb
Titanium	47-1	0.41	0.36	0.37	0.38	6.42	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	1.79	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:09:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.07	0.07	0.06	0.07	7.43	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%
Zinc	66-2	6.82	7.33	6.79	6.98	4.36	ppb
Zirconium	91-1	0.28	0.30	0.31	0.30	4.04	ppb
Zirconium	90-1	0.25	0.28	0.25	0.26	6.13	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:17:58	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	544.45	533.98	532.82	537.09	1.19	ppb
Antimony	121-1	195.14	194.52	193.10	194.25	0.54	ppb
Arsenic	75-2	198.16	198.95	196.39	197.83	0.66	ppb
Barium	135-1	98.59	97.70	97.63	97.97	0.55	ppb
Barium	137-1	98.39	98.25	98.02	98.22	0.19	ppb
Beryllium	9-1	94.88	94.14	93.79	94.27	0.59	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	11-1	483.32	493.07	494.92	490.44	1.27	ppb
Boron	10-1	480.89	484.90	499.08	488.29	1.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	190.62	183.72	186.49	186.94	1.86	ppb
Cadmium	108-1	167.86	165.27	164.56	165.90	1.05	ppb
Cadmium	111-1	103.42	102.62	102.00	102.68	0.69	ppb
Calcium	43-1	2592.50	2606.13	2476.38	2558.34	2.79	ppb
Calcium	44-1	2185.44	2187.75	2153.82	2175.67	0.87	ppb
Chromium	52-2	96.97	97.37	95.76	96.70	0.87	ppb
Cobalt	59-2	99.13	99.06	98.61	98.94	0.29	ppb
Copper	63-2	100.12	99.36	100.32	99.93	0.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2066.81	2057.12	2030.60	2051.51	0.91	ppb
Iron	57-2	2109.88	2118.72	2090.05	2106.22	0.70	ppb
Iron	54-2	2244.92	2258.88	2233.73	2245.85	0.56	ppb
Krypton	83-1						cps
Lead	206-1	205.55	205.97	207.02	206.18	0.37	ppb
Lead	207-1	192.84	191.54	191.35	191.91	0.42	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:17:58	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	198.17	197.51	197.28	197.65	0.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	1311.75	1293.24	1280.39	1295.12	1.22	ppb
Manganese	55-2	102.11	102.25	100.81	101.73	0.78	ppb
Molybdenum	94-1	2583.39	2605.43	2553.41	2580.74	1.01	ppb
Molybdenum	95-1	2515.48	2533.87	2526.69	2525.35	0.37	ppb
Molybdenum	96-1	2520.57	2528.98	2494.60	2514.72	0.71	ppb
Molybdenum	97-1	2540.29	2562.05	2513.38	2538.57	0.96	ppb
Molybdenum	98-1	2514.62	2533.07	2503.49	2517.06	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.05	99.11	99.30	99.15	0.13	ppb
Phosphorus	31-2	40.00	21.27	0.17	20.48	97.30	ppb
Potassium	39-2	2194.09	2199.16	2158.83	2184.02	1.01	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	201.78	198.47	195.60	198.62	1.56	ppb
Selenium	77-2	206.84	199.88	198.65	201.79	2.19	ppb
Selenium	78-2	204.04	200.78	194.79	199.87	2.35	ppb
Silicon	28-1	465.47	476.18	471.27	470.97	1.14	ppb
Silver	107-1	51.31	51.06	50.76	51.05	0.54	ppb
Silver	109-1	50.39	50.27	49.95	50.20	0.46	ppb
Sodium	23-2	2005.08	1978.62	1965.21	1982.97	1.02	ppb
Strontium	86-1	543.42	550.87	541.35	545.21	0.92	ppb
Strontium	88-1	544.33	551.48	545.18	547.00	0.71	ppb
Sulfur	34-1	-2962.07	-2624.73	-2914.89	-2833.90		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	221.04	222.20	219.03	220.76	0.73	ppb
Thallium	205-1	200.70	203.90	203.06	202.55	0.82	ppb
Thorium	232-1	0.04	0.05	0.05	0.05	10.36	ppb
Tin	118-1	547.08	537.79	541.58	542.15	0.86	ppb
Titanium	47-1	2629.22	2616.67	2602.47	2616.12	0.51	ppb
Uranium	238-1	510.92	517.43	512.28	513.54	0.67	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:17:58	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	94.35	94.36	94.13	94.28	0.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	192.85	188.70	192.99	191.51	1.27	ppb
Zirconium	91-1	532.12	533.03	526.00	530.39	0.72	ppb
Zirconium	90-1	534.58	529.01	528.85	530.81	0.62	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.23	20.45	23.72	22.14	7.40	ppb
Antimony	121-1	1.88	1.89	1.78	1.85	3.30	ppb
Arsenic	75-2	0.97	0.93	0.96	0.95	2.57	ppb
Barium	135-1	8.93	8.95	9.23	9.04	1.89	ppb
Barium	137-1	9.21	9.20	8.73	9.05	3.00	ppb
Beryllium	9-1	0.96	0.97	0.88	0.94	5.02	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	11-1	24.35	24.04	22.93	23.77	3.15	ppb
Boron	10-1	24.97	22.61	25.15	24.24	5.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-5.14	-4.69	-5.25	-5.03		ppb
Cadmium	108-1	0.96	1.17	1.62	1.25	26.97	ppb
Cadmium	111-1	1.21	1.18	1.21	1.20	1.48	ppb
Calcium	43-1	530.78	503.81	519.27	517.95	2.61	ppb
Calcium	44-1	496.55	510.56	513.34	506.82	1.78	ppb
Chromium	52-2	1.81	1.81	1.83	1.82	0.76	ppb
Cobalt	59-2	0.93	0.92	0.96	0.94	2.17	ppb
Copper	63-2	2.00	1.98	1.85	1.94	4.18	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	51.09	51.38	49.14	50.54	2.41	ppb
Iron	57-2	49.04	52.12	51.34	50.83	3.15	ppb
Iron	54-2	56.25	53.04	56.53	55.27	3.51	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.91	0.94	0.92	2.14	ppb
Lead	207-1	0.94	0.88	0.88	0.90	4.04	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.92	0.89	0.93	0.91	2.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	486.30	490.33	484.94	487.19	0.58	ppb
Manganese	55-2	0.98	0.94	0.85	0.92	7.42	ppb
Molybdenum	94-1	4.52	4.63	4.90	4.68	4.25	ppb
Molybdenum	95-1	4.63	4.50	4.65	4.59	1.78	ppb
Molybdenum	96-1	4.59	4.80	4.67	4.69	2.22	ppb
Molybdenum	97-1	4.83	4.97	4.61	4.81	3.81	ppb
Molybdenum	98-1	4.64	4.71	4.74	4.70	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.01	0.91	0.96	4.79	ppb
Phosphorus	31-2	30.99	25.26	25.10	27.12	12.38	ppb
Potassium	39-2	523.43	523.78	520.04	522.42	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	4.28	4.94	3.99	4.40	10.98	ppb
Selenium	77-2	4.78	2.89	6.14	4.60	35.48	ppb
Selenium	78-2	4.30	4.76	4.91	4.66	6.89	ppb
Silicon	28-1	0.67	1.97	3.85	2.16	73.86	ppb
Silver	107-1	0.98	0.96	1.05	1.00	4.83	ppb
Silver	109-1	1.00	0.94	0.95	0.96	3.14	ppb
Sodium	23-2	490.22	488.12	486.25	488.19	0.41	ppb
Strontium	86-1	0.85	1.04	0.97	0.95	9.84	ppb
Strontium	88-1	0.95	0.90	0.93	0.93	2.31	ppb
Sulfur	34-1	-2319.08	-2013.33	-1775.40	-2035.94		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.92	0.89	0.91	0.91	1.54	ppb
Thallium	205-1	0.87	0.82	0.83	0.84	3.18	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.68	4.69	4.72	4.70	0.45	ppb
Titanium	47-1	4.59	4.96	4.69	4.74	4.03	ppb
Uranium	238-1	0.89	0.87	0.92	0.89	3.25	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.57	4.52	4.49	4.52	0.87	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	1.85	1.81	1.99	1.89	5.04	ppb
Zirconium	91-1	0.92	0.94	0.92	0.92	1.27	ppb
Zirconium	90-1	0.90	0.88	0.92	0.90	2.13	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:33:40 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	-0.41	0.24	-0.13		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	35.21	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	116.88	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	33.22	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	11-1	1.69	2.09	1.50	1.76	17.14	ppb
Boron	10-1	2.29	1.44	1.13	1.62	36.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.55	-4.51	-1.66	-3.24		ppb
Cadmium	108-1	0.00	-0.09	0.12	0.01	992.44	ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	-3.74	1.89	-1.93	-1.26		ppb
Calcium	44-1	-1.59	-0.41	-1.34	-1.11		ppb
Chromium	52-2	0.01	-0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.18	-0.19	-0.14	-0.17		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.26	0.23	0.41	0.30	31.88	ppb
Iron	57-2	0.46	1.57	-0.41	0.54	184.33	ppb
Iron	54-2	1.47	2.75	1.75	1.99	33.84	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.18	0.16	10.88	ppb
Lead	207-1	0.13	0.13	0.14	0.13	7.14	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:33:40	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.16	0.14	0.15	0.15	5.02	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.40	1.09	0.87	1.12	23.70	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	60.18	ppb
Molybdenum	94-1	0.05	0.06	0.00	0.04	82.47	ppb
Molybdenum	95-1	0.02	0.03	0.05	0.03	47.44	ppb
Molybdenum	96-1	0.06	0.04	0.03	0.04	28.36	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.03	32.81	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	9.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	0.45	18.66	29.30	16.14	90.41	ppb
Potassium	39-2	3.90	10.05	1.39	5.12	87.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.82	1.04	0.52	0.79	33.21	ppb
Selenium	77-2	0.00	0.00	0.52	0.17	173.21	ppb
Selenium	78-2	0.04	0.94	-0.45	0.18	403.39	ppb
Silicon	28-1	-7.16	-6.69	-7.05	-6.97		ppb
Silver	107-1	0.01	0.01	0.02	0.01	33.42	ppb
Silver	109-1	0.00	0.01	0.01	0.00	51.90	ppb
Sodium	23-2	55.09	50.77	53.29	53.05	4.08	ppb
Strontium	86-1	0.05	-0.10	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.30	ppb
Sulfur	34-1	-2132.65	-2243.68	-2004.31	-2126.88		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.00	0.01	74.90	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	62.36	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	-0.01	0.03	0.02	144.57	ppb
Titanium	47-1	0.02	0.00	0.01	0.01	107.62	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	40.18	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:33:40	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	0.14	0.03	0.10	61.53	ppb
Zirconium	91-1	0.01	0.00	0.03	0.01	116.46	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.07	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:37:13	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95853.56	93727.08	98032.10	95870.91	2.25	ppb
Antimony	121-1	1.11	1.15	1.16	1.14	2.05	ppb
Arsenic	75-2	0.39	0.31	0.32	0.34	13.50	ppb
Barium	135-1	1.38	1.20	1.28	1.29	6.80	ppb
Barium	137-1	1.44	1.46	1.34	1.41	4.43	ppb
Beryllium	9-1	0.35	0.25	0.24	0.28	21.91	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	1.59	2.21	1.65	1.82	18.64	ppb
Boron	10-1	2.46	1.35	2.00	1.94	29.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-7.88	-8.14	-6.95	-7.66		ppb
Cadmium	108-1	14.76	13.91	13.85	14.18	3.59	ppb
Cadmium	111-1	0.55	0.66	0.74	0.65	14.29	ppb
Calcium	43-1	104995.16	106095.25	105034.29	105374.90	0.59	ppb
Calcium	44-1	99060.74	99811.79	99019.71	99297.41	0.45	ppb
Chromium	52-2	19.17	18.83	19.53	19.18	1.83	ppb
Cobalt	59-2	1.16	1.18	1.18	1.17	0.97	ppb
Copper	63-2	8.75	8.37	9.15	8.76	4.50	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	102468.11	99031.89	104436.64	101978.88	2.68	ppb
Iron	57-2	102314.73	98674.82	102997.83	101329.13	2.29	ppb
Iron	54-2	102687.59	100055.75	104836.36	102526.57	2.34	ppb
Krypton	83-1						cps
Lead	206-1	4.10	4.21	4.04	4.12	2.13	ppb
Lead	207-1	3.70	3.54	3.61	3.62	2.24	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:37:13	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	3.79	3.80	3.79	3.79	0.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	95125.99	92893.08	96744.91	94921.33	2.04	ppb
Manganese	55-2	7.36	7.30	7.51	7.39	1.49	ppb
Molybdenum	94-1	1293.72	1300.46	1289.04	1294.41	0.44	ppb
Molybdenum	95-1	1868.63	1855.89	1836.08	1853.53	0.88	ppb
Molybdenum	96-1	1783.34	1790.36	1768.95	1780.88	0.61	ppb
Molybdenum	97-1	1840.45	1858.65	1832.41	1843.83	0.73	ppb
Molybdenum	98-1	1827.60	1842.78	1811.18	1827.19	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.16	5.20	5.34	5.23	1.85	ppb
Phosphorus	31-2	95932.98	93906.05	97505.05	95781.36	1.88	ppb
Potassium	39-2	98535.86	97827.41	101246.69	99203.32	1.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	1.48	0.72	0.92	1.04	38.04	ppb
Selenium	77-2	0.00	0.80	0.00	0.27	173.21	ppb
Selenium	78-2	-0.99	0.21	-0.33	-0.37		ppb
Silicon	28-1	13.64	12.60	12.55	12.93	4.75	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.87	ppb
Silver	109-1	0.09	0.08	0.09	0.09	6.77	ppb
Sodium	23-2	84400.78	82844.88	87244.05	84829.90	2.63	ppb
Strontium	86-1	32.03	32.20	31.44	31.89	1.24	ppb
Strontium	88-1	32.19	32.12	31.74	32.02	0.75	ppb
Sulfur	34-1	96444.02	97197.65	96235.18	96625.62	0.52	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.14	0.15	0.14	5.31	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	3.95	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	84.90	ppb
Tin	118-1	0.28	0.28	0.25	0.27	5.10	ppb
Titanium	47-1	1940.03	1931.55	1932.79	1934.79	0.24	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	16.54	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:37:13	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.16	0.14	0.15	9.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	12.81	12.48	13.00	12.76	2.08	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	24.52	ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	13.37	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:40:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92477.48	92458.49	92673.33	92536.43	0.13	ppb
Antimony	121-1	19.80	19.37	19.72	19.63	1.16	ppb
Arsenic	75-2	19.58	19.34	19.48	19.47	0.63	ppb
Barium	135-1	19.51	20.40	20.09	20.00	2.25	ppb
Barium	137-1	20.31	20.26	20.10	20.22	0.52	ppb
Beryllium	9-1	18.72	18.40	18.64	18.58	0.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	11-1	52.95	52.24	53.12	52.77	0.88	ppb
Boron	10-1	53.88	52.37	54.50	53.58	2.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	20.10	16.74	20.59	19.14	10.96	ppb
Cadmium	108-1	35.69	37.23	35.28	36.07	2.86	ppb
Cadmium	111-1	18.87	19.54	18.96	19.12	1.91	ppb
Calcium	43-1	105535.33	105487.47	105293.53	105438.78	0.12	ppb
Calcium	44-1	99713.98	99209.99	99270.16	99398.04	0.28	ppb
Chromium	52-2	37.14	37.29	37.12	37.19	0.25	ppb
Cobalt	59-2	20.14	20.04	19.98	20.05	0.41	ppb
Copper	63-2	27.90	28.05	28.02	27.99	0.28	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	98386.49	98132.02	97786.50	98101.67	0.31	ppb
Iron	57-2	97944.64	97283.06	96953.89	97393.87	0.52	ppb
Iron	54-2	99828.64	98397.96	98952.99	99059.87	0.73	ppb
Krypton	83-1						cps
Lead	206-1	28.20	27.38	27.74	27.77	1.48	ppb
Lead	207-1	25.92	25.27	25.20	25.46	1.55	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:40:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	26.52	25.94	26.06	26.17	1.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	92512.41	91771.52	91927.65	92070.53	0.42	ppb
Manganese	55-2	25.73	25.81	25.54	25.69	0.55	ppb
Molybdenum	94-1	1416.73	1403.94	1424.70	1415.12	0.74	ppb
Molybdenum	95-1	1899.29	1906.44	1894.46	1900.06	0.32	ppb
Molybdenum	96-1	1833.47	1827.97	1837.62	1833.02	0.26	ppb
Molybdenum	97-1	1895.99	1887.40	1908.72	1897.37	0.57	ppb
Molybdenum	98-1	1881.47	1887.73	1888.14	1885.78	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.06	23.93	24.06	24.01	0.31	ppb
Phosphorus	31-2	91869.91	92674.73	92089.04	92211.23	0.45	ppb
Potassium	39-2	96569.96	96048.60	96099.18	96239.25	0.30	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	19.91	18.84	19.45	19.40	2.75	ppb
Selenium	77-2	17.44	14.41	17.97	16.61	11.58	ppb
Selenium	78-2	19.14	17.48	21.42	19.35	10.22	ppb
Silicon	28-1	59.95	60.00	60.02	59.99	0.06	ppb
Silver	107-1	18.30	17.95	18.12	18.12	0.96	ppb
Silver	109-1	17.94	18.00	17.43	17.79	1.74	ppb
Sodium	23-2	82020.42	81683.00	81997.31	81900.24	0.23	ppb
Strontium	86-1	85.81	86.67	86.95	86.48	0.69	ppb
Strontium	88-1	86.52	85.99	85.74	86.08	0.46	ppb
Sulfur	34-1	95035.24	94753.76	95320.58	95036.53	0.30	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	19.32	19.21	19.14	19.22	0.46	ppb
Thallium	205-1	17.82	17.62	17.75	17.73	0.55	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	53.87	53.92	53.33	53.71	0.61	ppb
Titanium	47-1	2000.00	1993.87	1978.84	1990.90	0.55	ppb
Uranium	238-1	47.74	47.36	47.74	47.61	0.46	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:40:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.75	18.57	18.82	18.71	0.67	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	30.54	30.73	30.47	30.58	0.42	ppb
Zirconium	91-1	54.84	53.42	53.89	54.05	1.34	ppb
Zirconium	90-1	55.05	54.46	54.17	54.56	0.82	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:44:34	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51285.61	49226.85	50127.30	50213.25	2.06	ppb
Antimony	121-1	497.91	499.56	492.86	496.78	0.70	ppb
Arsenic	75-2	503.18	493.26	497.42	497.95	1.00	ppb
Barium	135-1	2422.36	2432.49	2399.09	2417.98	0.71	ppb
Barium	137-1	2519.16	2517.41	2481.03	2505.87	0.86	ppb
Beryllium	9-1	510.18	505.19	491.02	502.13	1.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	11-1	492.08	493.39	489.69	491.72	0.38	ppb
Boron	10-1	478.03	490.43	480.39	482.95	1.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	495.58	494.92	492.07	494.19	0.38	ppb
Cadmium	108-1	499.85	497.64	487.79	495.09	1.30	ppb
Cadmium	111-1	498.80	496.54	491.59	495.64	0.74	ppb
Calcium	43-1	258634.59	264442.14	255963.72	259680.15	1.67	ppb
Calcium	44-1	257897.81	262516.48	254884.49	258432.93	1.49	ppb
Chromium	52-2	507.22	495.66	499.47	500.78	1.18	ppb
Cobalt	59-2	496.89	483.51	489.25	489.88	1.37	ppb
Copper	63-2	4876.02	4745.30	4849.07	4823.46	1.43	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	128471.08	126327.41	125944.08	126914.19	1.07	ppb
Iron	57-2	128248.97	125952.90	125594.12	126598.66	1.14	ppb
Iron	54-2	129759.09	126580.14	128100.73	128146.65	1.24	ppb
Krypton	83-1						cps
Lead	206-1	2605.68	2598.76	2567.60	2590.68	0.78	ppb
Lead	207-1	2604.82	2617.62	2577.48	2599.97	0.79	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:44:34	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2585.22	2597.09	2552.66	2578.32	0.89	ppb
Lithium	6-1				93		%
Magnesium	24-2	260151.51	254171.63	256749.44	257024.19	1.17	ppb
Manganese	55-2	5018.52	4912.88	4978.20	4969.87	1.07	ppb
Molybdenum	94-1	2542.81	2534.67	2536.61	2538.03	0.17	ppb
Molybdenum	95-1	2530.12	2505.65	2490.71	2508.83	0.79	ppb
Molybdenum	96-1	2510.47	2506.95	2484.34	2500.59	0.57	ppb
Molybdenum	97-1	2517.01	2504.78	2488.86	2503.55	0.56	ppb
Molybdenum	98-1	2505.41	2519.21	2498.77	2507.80	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.68	478.87	482.37	483.64	1.14	ppb
Phosphorus	31-2	10284.20	9893.18	10022.33	10066.57	1.98	ppb
Potassium	39-2	129741.94	126031.72	127285.91	127686.52	1.48	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	495.23	494.19	495.74	495.05	0.16	ppb
Selenium	77-2	514.58	505.77	489.31	503.22	2.55	ppb
Selenium	78-2	509.02	496.50	506.71	504.08	1.32	ppb
Silicon	28-1	598.05	622.91	609.96	610.31	2.04	ppb
Silver	107-1	485.59	488.11	484.38	486.03	0.39	ppb
Silver	109-1	483.31	485.55	478.02	482.29	0.80	ppb
Sodium	23-2	256059.10	252587.34	254442.30	254362.91	0.68	ppb
Strontium	86-1	507.09	500.73	501.43	503.08	0.69	ppb
Strontium	88-1	508.69	508.95	503.62	507.09	0.59	ppb
Sulfur	34-1	7615.23	8371.51	7557.98	7848.24	5.79	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	515.06	510.39	506.62	510.69	0.83	ppb
Thallium	205-1	525.20	519.96	513.72	519.63	1.11	ppb
Thorium	232-1	524.71	527.72	520.24	524.22	0.72	ppb
Tin	118-1	499.32	506.55	497.56	501.15	0.95	ppb
Titanium	47-1	2551.76	2587.41	2503.78	2547.65	1.65	ppb
Uranium	238-1	523.70	525.19	516.12	521.67	0.93	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:44:34	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	507.58	493.82	499.48	500.29	1.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	4828.92	4743.42	4794.64	4788.99	0.90	ppb
Zirconium	91-1	500.46	500.49	499.55	500.17	0.11	ppb
Zirconium	90-1	507.67	504.42	506.41	506.16	0.32	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:52:02	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.49	3.30	2.66	3.15	13.73	ppb
Antimony	121-1	0.05	0.07	0.05	0.06	16.21	ppb
Arsenic	75-2	0.02	0.02	0.05	0.03	50.63	ppb
Barium	135-1	0.05	0.11	0.12	0.09	42.46	ppb
Barium	137-1	0.05	0.09	0.09	0.07	30.27	ppb
Beryllium	9-1	0.05	0.05	0.06	0.06	13.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	3.01	3.20	2.89	3.03	5.20	ppb
Boron	10-1	3.19	2.91	3.37	3.16	7.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-4.71	-5.60	-5.09	-5.13		ppb
Cadmium	108-1	0.09	0.07	0.02	0.06	54.75	ppb
Cadmium	111-1	-0.01	0.00	0.00	0.00		ppb
Calcium	43-1	2.29	3.07	7.66	4.34	66.80	ppb
Calcium	44-1	10.77	8.43	10.01	9.73	12.27	ppb
Chromium	52-2	0.03	0.02	0.03	0.03	22.13	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	30.14	ppb
Copper	63-2	0.18	0.16	0.15	0.16	8.27	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	7.64	7.43	8.12	7.73	4.59	ppb
Iron	57-2	7.43	5.87	9.42	7.57	23.54	ppb
Iron	54-2	9.86	12.33	10.75	10.98	11.40	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.22	0.25	0.24	8.50	ppb
Lead	207-1	0.25	0.21	0.21	0.22	12.88	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:52:02	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.26	0.22	0.24	0.24	7.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	14.01	14.69	14.39	14.37	2.37	ppb
Manganese	55-2	0.23	0.23	0.29	0.25	12.86	ppb
Molybdenum	94-1	0.21	0.17	0.18	0.19	12.88	ppb
Molybdenum	95-1	0.18	0.20	0.17	0.18	7.40	ppb
Molybdenum	96-1	0.20	0.15	0.17	0.17	15.08	ppb
Molybdenum	97-1	0.22	0.17	0.26	0.22	20.23	ppb
Molybdenum	98-1	0.18	0.16	0.20	0.18	10.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.04	0.03	37.73	ppb
Phosphorus	31-2	20.34	-4.93	-6.09	3.11	480.64	ppb
Potassium	39-2	52.48	48.36	43.07	47.97	9.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.33	-0.03	-0.33	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	0.67	0.34	0.18	335.84	ppb
Silicon	28-1	-8.03	-10.02	-8.46	-8.84		ppb
Silver	107-1	0.06	0.05	0.06	0.05	13.61	ppb
Silver	109-1	0.06	0.06	0.05	0.06	12.25	ppb
Sodium	23-2	126.13	122.97	116.91	122.00	3.84	ppb
Strontium	86-1	0.09	-0.06	-0.13	-0.03		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	22.50	ppb
Sulfur	34-1	-2491.39	-3082.89	-2620.57	-2731.61		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.10	0.10	0.10	4.91	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	5.75	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.21	ppb
Tin	118-1	0.04	0.02	0.05	0.04	38.05	ppb
Titanium	47-1	0.12	0.12	0.14	0.13	9.17	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	17.07	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:52:02	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.03	0.01	0.02	44.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.50	0.59	0.57	0.56	8.73	ppb
Zirconium	91-1	0.04	0.05	0.03	0.04	26.78	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	9.06	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:02:10	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.64	21.12	21.29	21.02	1.58	ppb
Antimony	121-1	1.94	1.76	1.83	1.84	4.94	ppb
Arsenic	75-2	0.96	0.90	0.90	0.92	4.11	ppb
Barium	135-1	9.51	9.28	8.91	9.24	3.25	ppb
Barium	137-1	9.43	9.13	8.94	9.17	2.72	ppb
Beryllium	9-1	0.83	1.13	0.87	0.94	17.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	11-1	23.44	23.41	23.19	23.35	0.58	ppb
Boron	10-1	23.32	23.07	23.18	23.19	0.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-5.36	-6.58	-5.09	-5.68		ppb
Cadmium	108-1	1.21	1.68	1.60	1.50	16.87	ppb
Cadmium	111-1	1.29	1.22	1.17	1.22	4.97	ppb
Calcium	43-1	501.43	528.78	495.56	508.59	3.49	ppb
Calcium	44-1	513.85	502.24	511.23	509.11	1.20	ppb
Chromium	52-2	1.77	1.81	1.76	1.78	1.56	ppb
Cobalt	59-2	0.86	0.91	0.88	0.88	2.68	ppb
Copper	63-2	1.96	1.99	2.06	2.01	2.65	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	50.60	50.99	51.19	50.93	0.60	ppb
Iron	57-2	47.90	49.64	47.76	48.43	2.16	ppb
Iron	54-2	54.48	55.85	57.03	55.78	2.29	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.82	0.95	0.87	7.98	ppb
Lead	207-1	0.87	0.82	0.83	0.84	2.93	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:02:10	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.86	0.82	0.86	0.85	2.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	483.52	486.58	478.53	482.88	0.84	ppb
Manganese	55-2	1.02	1.01	0.95	0.99	4.05	ppb
Molybdenum	94-1	4.60	4.70	4.62	4.64	1.17	ppb
Molybdenum	95-1	4.51	4.78	4.69	4.66	2.96	ppb
Molybdenum	96-1	4.75	4.49	4.66	4.63	2.89	ppb
Molybdenum	97-1	4.75	4.75	4.82	4.77	0.88	ppb
Molybdenum	98-1	4.71	4.66	4.70	4.69	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.05	0.94	0.97	6.78	ppb
Phosphorus	31-2	9.03	14.70	13.47	12.40	24.07	ppb
Potassium	39-2	526.04	523.74	532.04	527.27	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	5.13	4.05	4.68	4.62	11.68	ppb
Selenium	77-2	5.66	4.77	5.59	5.34	9.22	ppb
Selenium	78-2	4.33	4.46	4.18	4.32	3.13	ppb
Silicon	28-1	0.36	0.99	0.71	0.69	46.59	ppb
Silver	107-1	0.99	0.98	0.98	0.98	0.76	ppb
Silver	109-1	1.02	0.95	0.98	0.98	3.22	ppb
Sodium	23-2	482.55	489.33	487.22	486.37	0.71	ppb
Strontium	86-1	0.92	0.83	0.91	0.88	5.03	ppb
Strontium	88-1	0.90	0.91	0.90	0.90	0.59	ppb
Sulfur	34-1	-2297.21	-2124.30	-2266.13	-2229.22		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.91	0.85	0.91	6.58	ppb
Thallium	205-1	0.88	0.85	0.87	0.86	1.49	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.58	4.73	4.71	4.68	1.77	ppb
Titanium	47-1	4.64	4.76	4.69	4.70	1.24	ppb
Uranium	238-1	0.89	0.88	0.90	0.89	1.14	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:02:10	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.47	4.38	4.50	4.45	1.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2.09	2.08	2.20	2.12	3.06	ppb
Zirconium	91-1	0.94	0.81	0.83	0.86	7.91	ppb
Zirconium	90-1	0.89	0.91	0.91	0.91	1.32	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:05:43 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.77	15.52	16.07	16.12	3.91	ppb
Antimony	121-1	0.72	0.70	0.68	0.70	3.14	ppb
Arsenic	75-2	0.64	0.67	0.56	0.62	8.71	ppb
Barium	135-1	3.37	3.33	3.16	3.29	3.31	ppb
Barium	137-1	3.16	3.25	3.06	3.16	3.13	ppb
Beryllium	9-1	0.65	0.72	0.60	0.66	9.24	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	11-1	2.07	1.83	1.84	1.91	7.26	ppb
Boron	10-1	2.39	1.71	1.65	1.91	21.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-5.08	-3.90	-2.91	-3.97		ppb
Cadmium	108-1	0.29	0.78	0.56	0.54	44.83	ppb
Cadmium	111-1	0.73	0.65	0.68	0.69	6.20	ppb
Calcium	43-1	73.58	68.55	74.87	72.33	4.62	ppb
Calcium	44-1	73.87	75.65	75.73	75.08	1.40	ppb
Chromium	52-2	0.63	0.65	0.66	0.65	2.32	ppb
Cobalt	59-2	0.70	0.65	0.65	0.67	4.43	ppb
Copper	63-2	1.26	1.22	1.21	1.23	2.25	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	36.74	35.77	34.87	35.79	2.61	ppb
Iron	57-2	37.33	34.26	34.91	35.50	4.56	ppb
Iron	54-2	37.12	35.32	35.44	35.96	2.79	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.61	0.60	0.61	0.52	ppb
Lead	207-1	0.59	0.60	0.57	0.59	2.26	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:05:43 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.61	0.60	0.61	0.61	0.31	ppb
Lithium	6-1				97		%
Magnesium	24-2	73.68	73.43	72.43	73.18	0.90	ppb
Manganese	55-2	1.34	1.34	1.29	1.32	1.96	ppb
Molybdenum	94-1	2.74	2.98	2.94	2.89	4.40	ppb
Molybdenum	95-1	2.60	3.00	2.84	2.82	7.13	ppb
Molybdenum	96-1	2.74	2.76	2.76	2.75	0.43	ppb
Molybdenum	97-1	2.71	2.76	2.60	2.69	2.91	ppb
Molybdenum	98-1	2.85	2.85	2.71	2.80	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.61	0.64	0.68	14.12	ppb
Phosphorus	31-2	15.71	11.55	-7.23	6.67	183.11	ppb
Potassium	39-2	70.16	51.21	59.78	60.38	15.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	10.11	9.02	7.71	8.95	13.47	ppb
Selenium	77-2	7.08	9.21	7.59	7.96	13.93	ppb
Selenium	78-2	11.03	8.09	7.43	8.85	21.64	ppb
Silicon	28-1	-6.34	-6.55	-5.04	-5.98		ppb
Silver	107-1	0.79	0.79	0.79	0.79	0.44	ppb
Silver	109-1	0.80	0.79	0.75	0.78	3.47	ppb
Sodium	23-2	127.34	119.64	119.23	122.07	3.74	ppb
Strontium	86-1	0.68	0.51	0.86	0.68	25.60	ppb
Strontium	88-1	0.75	0.72	0.71	0.73	2.34	ppb
Sulfur	34-1	-2059.98	-1947.88	-1423.55	-1810.47		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.64	0.66	0.63	0.64	2.61	ppb
Thallium	205-1	0.63	0.57	0.62	0.61	5.31	ppb
Thorium	232-1	0.48	0.52	0.51	0.50	3.71	ppb
Tin	118-1	0.73	0.67	0.70	0.70	4.04	ppb
Titanium	47-1	2.89	2.36	2.77	2.67	10.55	ppb
Uranium	238-1	0.54	0.54	0.53	0.54	1.45	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:05:43	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.64	0.60	0.64	0.63	3.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1.60	1.53	1.69	1.60	4.87	ppb
Zirconium	91-1	0.56	0.68	0.58	0.61	10.22	ppb
Zirconium	90-1	0.57	0.65	0.66	0.63	7.31	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-03 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:09:16 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.64	4.75	4.91	5.10	9.36	ppb
Antimony	121-1	0.20	0.24	0.25	0.23	10.54	ppb
Arsenic	75-2	0.20	0.23	0.27	0.24	14.56	ppb
Barium	135-1	1.12	1.06	1.15	1.11	4.34	ppb
Barium	137-1	1.16	1.17	1.17	1.17	0.69	ppb
Beryllium	9-1	0.24	0.26	0.24	0.25	4.75	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	11-1	3.33	3.40	3.02	3.25	6.18	ppb
Boron	10-1	4.31	3.90	3.57	3.93	9.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-4.48	-4.17	-2.88	-3.84		ppb
Cadmium	108-1	0.20	0.71	0.33	0.41	63.32	ppb
Cadmium	111-1	0.23	0.23	0.25	0.24	6.48	ppb
Calcium	43-1	29.32	28.01	26.89	28.07	4.34	ppb
Calcium	44-1	20.49	25.91	25.51	23.97	12.61	ppb
Chromium	52-2	0.23	0.21	0.22	0.22	6.07	ppb
Cobalt	59-2	0.24	0.24	0.25	0.24	2.72	ppb
Copper	63-2	0.41	0.46	0.42	0.43	6.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	13.24	12.82	12.89	12.98	1.72	ppb
Iron	57-2	11.76	14.11	10.47	12.11	15.23	ppb
Iron	54-2	13.61	13.75	16.78	14.71	12.16	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.26	0.27	0.25	11.08	ppb
Lead	207-1	0.23	0.24	0.28	0.25	9.87	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-03 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:09:16 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.24	0.24	0.25	0.24	3.55	ppb
Lithium	6-1				97		%
Magnesium	24-2	26.31	27.41	26.79	26.84	2.06	ppb
Manganese	55-2	0.52	0.46	0.42	0.47	10.26	ppb
Molybdenum	94-1	1.05	0.98	1.03	1.02	3.28	ppb
Molybdenum	95-1	0.93	1.01	1.04	0.99	5.55	ppb
Molybdenum	96-1	0.97	1.01	0.99	0.99	2.20	ppb
Molybdenum	97-1	0.98	0.91	0.86	0.92	6.54	ppb
Molybdenum	98-1	1.00	0.96	1.01	0.99	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.24	0.25	0.25	5.26	ppb
Phosphorus	31-2	25.32	21.97	35.16	27.48	24.94	ppb
Potassium	39-2	35.79	32.59	38.71	35.70	8.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	3.39	1.31	2.26	2.32	44.88	ppb
Selenium	77-2	2.74	1.88	1.93	2.18	22.09	ppb
Selenium	78-2	2.55	2.56	2.41	2.51	3.34	ppb
Silicon	28-1	-5.57	-4.34	-3.63	-4.51		ppb
Silver	107-1	0.25	0.26	0.25	0.25	2.24	ppb
Silver	109-1	0.27	0.27	0.28	0.27	3.46	ppb
Sodium	23-2	74.47	76.32	76.59	75.79	1.52	ppb
Strontium	86-1	0.20	0.22	0.32	0.25	26.40	ppb
Strontium	88-1	0.25	0.26	0.27	0.26	3.44	ppb
Sulfur	34-1	-1609.12	-1485.50	-1044.32	-1379.64		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.27	0.24	0.27	0.26	6.38	ppb
Thallium	205-1	0.22	0.23	0.25	0.23	7.90	ppb
Thorium	232-1	0.16	0.18	0.18	0.18	6.61	ppb
Tin	118-1	0.24	0.24	0.27	0.25	6.29	ppb
Titanium	47-1	0.94	0.98	0.87	0.93	6.18	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	2.16	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:09:16	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.24	0.23	0.21	0.23	5.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.75	0.59	0.75	0.70	13.55	ppb
Zirconium	91-1	0.20	0.26	0.19	0.22	18.05	ppb
Zirconium	90-1	0.22	0.22	0.21	0.22	2.67	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:12:50 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.11	13.56	14.06	14.24	5.54	ppb
Antimony	121-1	0.68	0.73	0.69	0.70	3.33	ppb
Arsenic	75-2	0.63	0.70	0.56	0.63	10.79	ppb
Barium	135-1	3.19	3.23	3.21	3.21	0.56	ppb
Barium	137-1	3.18	3.23	3.34	3.25	2.60	ppb
Beryllium	9-1	0.61	0.68	0.65	0.64	5.49	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	11-1	1.17	1.61	1.57	1.45	16.85	ppb
Boron	10-1	1.66	1.43	2.68	1.92	34.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-4.34	-3.11	-1.56	-3.00		ppb
Cadmium	108-1	0.83	0.76	0.82	0.81	4.59	ppb
Cadmium	111-1	0.70	0.61	0.75	0.69	9.87	ppb
Calcium	43-1	71.47	72.97	96.18	80.21	17.27	ppb
Calcium	44-1	71.47	72.50	72.18	72.05	0.73	ppb
Chromium	52-2	0.69	0.65	0.64	0.66	3.49	ppb
Cobalt	59-2	0.66	0.66	0.66	0.66	0.53	ppb
Copper	63-2	1.22	1.21	1.14	1.19	3.60	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				99		%
Iron	56-2	36.40	35.70	35.94	36.02	0.99	ppb
Iron	57-2	38.91	35.72	35.19	36.61	5.50	ppb
Iron	54-2	39.17	36.66	35.70	37.18	4.82	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.60	0.60	0.60	0.62	ppb
Lead	207-1	0.65	0.58	0.55	0.59	8.56	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:12:50 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.60	0.60	0.58	0.59	2.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	67.86	71.48	69.59	69.64	2.60	ppb
Manganese	55-2	1.37	1.34	1.35	1.35	1.02	ppb
Molybdenum	94-1	2.81	2.92	2.79	2.84	2.38	ppb
Molybdenum	95-1	2.79	2.64	2.81	2.75	3.48	ppb
Molybdenum	96-1	2.91	2.76	2.84	2.84	2.67	ppb
Molybdenum	97-1	2.55	2.97	2.82	2.78	7.55	ppb
Molybdenum	98-1	2.55	2.76	2.87	2.73	5.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.60	0.61	0.64	10.07	ppb
Phosphorus	31-2	17.78	40.86	-25.20	11.15	300.79	ppb
Potassium	39-2	50.66	54.52	50.60	51.93	4.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	8.93	6.84	7.99	7.92	13.25	ppb
Selenium	77-2	8.79	9.03	8.18	8.67	5.02	ppb
Selenium	78-2	8.99	8.20	9.60	8.93	7.86	ppb
Silicon	28-1	-6.22	-5.10	-5.59	-5.64		ppb
Silver	107-1	0.74	0.80	0.83	0.79	5.82	ppb
Silver	109-1	0.76	0.75	0.82	0.77	4.71	ppb
Sodium	23-2	104.41	110.49	109.05	107.98	2.95	ppb
Strontium	86-1	0.57	0.70	0.55	0.61	13.27	ppb
Strontium	88-1	0.72	0.76	0.73	0.74	2.89	ppb
Sulfur	34-1	-1637.03	-1402.54	-1433.50	-1491.02		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.66	0.67	0.67	0.67	1.19	ppb
Thallium	205-1	0.59	0.64	0.61	0.61	4.29	ppb
Thorium	232-1	0.50	0.51	0.51	0.51	1.03	ppb
Tin	118-1	0.63	0.63	0.72	0.66	7.74	ppb
Titanium	47-1	2.97	2.69	2.63	2.76	6.49	ppb
Uranium	238-1	0.54	0.53	0.55	0.54	1.67	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:12:50	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.62	0.61	0.66	0.63	4.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1.30	1.54	1.51	1.45	9.17	ppb
Zirconium	91-1	0.67	0.59	0.57	0.61	8.70	ppb
Zirconium	90-1	0.61	0.62	0.58	0.60	3.39	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:16:23	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.00	5.10	3.63	4.58	17.91	ppb
Antimony	121-1	0.22	0.24	0.24	0.24	4.53	ppb
Arsenic	75-2	0.22	0.31	0.19	0.24	25.13	ppb
Barium	135-1	1.19	1.04	1.07	1.10	7.06	ppb
Barium	137-1	1.06	1.20	1.01	1.09	8.66	ppb
Beryllium	9-1	0.25	0.28	0.24	0.26	8.20	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	11-1	3.02	3.25	3.37	3.21	5.56	ppb
Boron	10-1	3.83	3.85	3.00	3.56	13.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.78	-4.57	-5.76	-4.70		ppb
Cadmium	108-1	0.50	0.32	0.38	0.40	22.93	ppb
Cadmium	111-1	0.21	0.20	0.17	0.19	9.77	ppb
Calcium	43-1	31.49	26.93	22.43	26.95	16.81	ppb
Calcium	44-1	23.70	20.70	23.45	22.62	7.36	ppb
Chromium	52-2	0.22	0.22	0.21	0.21	1.95	ppb
Cobalt	59-2	0.22	0.25	0.22	0.23	6.51	ppb
Copper	63-2	0.38	0.33	0.39	0.37	7.71	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				99		%
Iron	56-2	12.92	13.24	12.94	13.03	1.38	ppb
Iron	57-2	13.04	12.89	12.48	12.80	2.26	ppb
Iron	54-2	14.77	15.33	15.89	15.33	3.63	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.24	0.24	0.23	6.43	ppb
Lead	207-1	0.21	0.24	0.22	0.22	6.57	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:16:23 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.21	0.23	0.23	0.22	5.14	ppb
Lithium	6-1				97		%
Magnesium	24-2	26.27	25.74	25.98	26.00	1.00	ppb
Manganese	55-2	0.46	0.44	0.49	0.46	6.01	ppb
Molybdenum	94-1	1.03	1.07	0.94	1.01	6.48	ppb
Molybdenum	95-1	0.99	1.01	1.03	1.01	2.07	ppb
Molybdenum	96-1	0.97	0.99	1.07	1.01	5.03	ppb
Molybdenum	97-1	1.02	1.05	1.06	1.04	1.61	ppb
Molybdenum	98-1	1.01	1.02	1.01	1.01	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.22	0.27	0.27	16.69	ppb
Phosphorus	31-2	14.46	-14.23	18.64	6.29	284.53	ppb
Potassium	39-2	28.44	24.01	31.78	28.07	13.88	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	1.76	3.27	4.40	3.14	42.24	ppb
Selenium	77-2	1.33	2.12	2.11	1.85	24.46	ppb
Selenium	78-2	2.04	3.20	2.80	2.68	21.93	ppb
Silicon	28-1	-5.35	-6.21	-6.84	-6.13		ppb
Silver	107-1	0.30	0.29	0.26	0.28	8.03	ppb
Silver	109-1	0.28	0.29	0.30	0.29	4.10	ppb
Sodium	23-2	64.24	62.94	66.03	64.41	2.41	ppb
Strontium	86-1	0.18	0.18	0.15	0.17	10.45	ppb
Strontium	88-1	0.27	0.27	0.26	0.26	2.27	ppb
Sulfur	34-1	-1330.43	-1609.59	-1819.16	-1586.40		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.23	0.22	0.28	0.24	11.95	ppb
Thallium	205-1	0.22	0.26	0.21	0.23	10.75	ppb
Thorium	232-1	0.19	0.18	0.17	0.18	5.55	ppb
Tin	118-1	0.23	0.23	0.23	0.23	1.22	ppb
Titanium	47-1	1.00	1.14	0.77	0.97	18.86	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	2.25	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:16:23	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.21	0.23	0.20	0.22	6.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.63	0.50	0.55	0.56	12.05	ppb
Zirconium	91-1	0.21	0.22	0.19	0.21	6.97	ppb
Zirconium	90-1	0.23	0.20	0.21	0.22	6.19	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:19:57 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.98	15.83	14.64	14.81	6.34	ppb
Antimony	121-1	0.67	0.75	0.65	0.69	7.97	ppb
Arsenic	75-2	0.64	0.68	0.67	0.66	2.90	ppb
Barium	135-1	3.38	3.20	3.11	3.23	4.29	ppb
Barium	137-1	3.27	3.40	3.22	3.30	2.71	ppb
Beryllium	9-1	0.60	0.71	0.69	0.66	8.93	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	11-1	1.09	1.22	1.15	1.15	5.82	ppb
Boron	10-1	1.35	1.02	1.79	1.39	27.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.28	-4.95	-3.04	-3.76		ppb
Cadmium	108-1	0.48	1.08	0.48	0.68	50.99	ppb
Cadmium	111-1	0.60	0.64	0.69	0.64	6.96	ppb
Calcium	43-1	78.71	77.06	68.79	74.85	7.10	ppb
Calcium	44-1	73.34	74.79	71.00	73.04	2.62	ppb
Chromium	52-2	0.63	0.65	0.62	0.63	3.00	ppb
Cobalt	59-2	0.66	0.67	0.68	0.67	1.56	ppb
Copper	63-2	1.21	1.26	1.20	1.22	2.53	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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	56-2	36.26	35.63	35.98	35.96	0.89	ppb
Iron	57-2	36.14	32.91	36.39	35.15	5.52	ppb
Iron	54-2	40.04	38.70	37.00	38.58	3.95	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.60	0.57	0.58	2.67	ppb
Lead	207-1	0.59	0.63	0.53	0.59	8.32	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:19:57 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.59	0.60	0.57	0.58	3.08	ppb
Lithium	6-1				97		%
Magnesium	24-2	71.27	71.82	72.88	71.99	1.14	ppb
Manganese	55-2	1.32	1.36	1.25	1.31	4.39	ppb
Molybdenum	94-1	2.82	2.85	2.79	2.82	1.10	ppb
Molybdenum	95-1	2.79	2.71	2.74	2.75	1.63	ppb
Molybdenum	96-1	2.72	2.72	2.70	2.71	0.54	ppb
Molybdenum	97-1	2.73	2.81	2.66	2.73	2.79	ppb
Molybdenum	98-1	2.66	2.73	2.71	2.70	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.81	0.66	0.74	10.19	ppb
Phosphorus	31-2	6.52	11.07	1.40	6.33	76.49	ppb
Potassium	39-2	48.98	55.50	46.25	50.25	9.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	9.58	7.94	8.70	8.74	9.36	ppb
Selenium	77-2	7.15	7.10	8.30	7.52	9.02	ppb
Selenium	78-2	9.99	10.16	9.53	9.89	3.30	ppb
Silicon	28-1	-5.08	-5.36	-4.95	-5.13		ppb
Silver	107-1	0.82	0.80	0.84	0.82	2.57	ppb
Silver	109-1	0.76	0.76	0.74	0.76	1.65	ppb
Sodium	23-2	100.97	104.33	100.91	102.07	1.92	ppb
Strontium	86-1	0.52	0.64	0.64	0.60	11.03	ppb
Strontium	88-1	0.70	0.71	0.75	0.72	3.73	ppb
Sulfur	34-1	-1423.88	-1633.77	-1447.51	-1501.72		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.68	0.69	0.73	0.70	4.51	ppb
Thallium	205-1	0.54	0.59	0.60	0.57	5.29	ppb
Thorium	232-1	0.50	0.48	0.52	0.50	3.54	ppb
Tin	118-1	0.65	0.69	0.73	0.69	5.71	ppb
Titanium	47-1	2.67	2.53	2.75	2.65	4.15	ppb
Uranium	238-1	0.55	0.55	0.54	0.55	1.43	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:19:57	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.66	0.68	0.65	0.66	2.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	1.55	1.59	1.41	1.52	6.32	ppb
Zirconium	91-1	0.62	0.65	0.68	0.65	4.17	ppb
Zirconium	90-1	0.61	0.60	0.63	0.62	2.50	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-09RE Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:23:31 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.34	5.62	6.37	5.44	18.85	ppb
Antimony	121-1	0.25	0.23	0.22	0.23	5.56	ppb
Arsenic	75-2	0.20	0.23	0.18	0.20	10.49	ppb
Barium	135-1	1.14	1.23	1.16	1.18	3.69	ppb
Barium	137-1	1.12	1.14	1.19	1.15	3.27	ppb
Beryllium	9-1	0.25	0.23	0.24	0.24	3.49	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	11-1	2.75	2.98	3.09	2.94	5.96	ppb
Boron	10-1	2.79	2.29	2.81	2.63	11.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-5.08	-4.22	-3.11	-4.14		ppb
Cadmium	108-1	0.35	0.20	0.23	0.26	28.97	ppb
Cadmium	111-1	0.22	0.16	0.24	0.21	19.55	ppb
Calcium	43-1	29.94	25.71	22.60	26.08	14.12	ppb
Calcium	44-1	25.70	27.31	21.69	24.90	11.61	ppb
Chromium	52-2	0.21	0.23	0.21	0.22	5.78	ppb
Cobalt	59-2	0.22	0.22	0.23	0.22	2.29	ppb
Copper	63-2	0.36	0.41	0.39	0.38	6.61	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	12.83	13.14	12.98	12.99	1.20	ppb
Iron	57-2	12.91	12.92	13.40	13.08	2.10	ppb
Iron	54-2	15.23	14.36	12.51	14.04	9.90	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.23	0.22	0.21	11.81	ppb
Lead	207-1	0.23	0.22	0.21	0.22	4.64	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:23:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.21	0.22	0.23	0.22	4.31	ppb
Lithium	6-1				97		%
Magnesium	24-2	26.31	25.62	26.27	26.07	1.48	ppb
Manganese	55-2	0.45	0.48	0.47	0.47	3.78	ppb
Molybdenum	94-1	0.95	1.04	0.89	0.96	7.92	ppb
Molybdenum	95-1	0.93	1.01	0.90	0.95	6.01	ppb
Molybdenum	96-1	1.00	0.97	0.97	0.98	1.68	ppb
Molybdenum	97-1	1.01	1.00	0.87	0.96	7.84	ppb
Molybdenum	98-1	1.01	0.95	0.95	0.97	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.24	0.19	0.20	14.39	ppb
Phosphorus	31-2	6.76	6.14	3.99	5.63	25.86	ppb
Potassium	39-2	25.45	20.38	18.58	21.47	16.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	2.61	2.21	2.35	2.39	8.51	ppb
Selenium	77-2	2.88	1.81	3.10	2.60	26.46	ppb
Selenium	78-2	2.68	2.00	1.89	2.19	19.30	ppb
Silicon	28-1	-6.53	-5.27	-5.87	-5.89		ppb
Silver	107-1	0.28	0.24	0.24	0.25	9.26	ppb
Silver	109-1	0.21	0.24	0.26	0.24	9.88	ppb
Sodium	23-2	55.63	55.70	57.98	56.43	2.37	ppb
Strontium	86-1	0.13	0.02	0.27	0.14	91.65	ppb
Strontium	88-1	0.26	0.25	0.26	0.26	3.37	ppb
Sulfur	34-1	-1660.22	-1484.68	-1731.79	-1625.56		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.22	0.25	0.24	8.57	ppb
Thallium	205-1	0.22	0.20	0.21	0.21	3.42	ppb
Thorium	232-1	0.17	0.18	0.18	0.18	2.76	ppb
Tin	118-1	0.25	0.22	0.24	0.24	6.48	ppb
Titanium	47-1	1.08	0.99	0.99	1.02	5.33	ppb
Uranium	238-1	0.19	0.19	0.21	0.20	4.33	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:23:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.22	0.24	0.23	0.23	5.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.55	0.52	0.56	0.54	4.05	ppb
Zirconium	91-1	0.26	0.21	0.26	0.24	11.31	ppb
Zirconium	90-1	0.23	0.21	0.23	0.22	5.50	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BL	Instrumnet Name :	P7
Client Sample ID :	PB133475BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:27:04	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.04	-1.28	-0.35		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.01	0.00	348.97	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	127.91	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	11-1	0.21	0.40	0.43	0.35	33.37	ppb
Boron	10-1	0.32	0.42	0.60	0.45	32.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-5.34	-5.62	-7.12	-6.03		ppb
Cadmium	108-1	-0.04	0.08	0.11	0.05	145.11	ppb
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Calcium	43-1	-0.68	4.19	5.06	2.85	108.32	ppb
Calcium	44-1	-4.59	-1.83	-1.35	-2.59		ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.14	-0.17	-0.19	-0.16		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.35	0.31	0.38	0.34	10.47	ppb
Iron	57-2	0.94	0.49	-0.61	0.27	293.15	ppb
Iron	54-2	1.73	1.35	1.72	1.60	13.49	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	66.54	ppb
Lead	207-1	0.03	0.03	0.04	0.03	12.83	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BL	Instrumnet Name :	P7
Client Sample ID :	PB133475BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:27:04	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.03	0.02	0.03	0.03	9.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.72	0.76	0.83	0.77	7.68	ppb
Manganese	55-2	0.02	0.01	0.00	0.01	68.85	ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	124.39	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	121.65	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	148.81	ppb
Molybdenum	97-1	0.01	-0.01	0.01	0.00	224.10	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	80.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-11.21	7.16	-13.57	-5.87		ppb
Potassium	39-2	16.01	10.98	8.81	11.93	30.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.70	-0.37	0.52	0.28	200.79	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	0.65	0.80	0.59	42.36	ppb
Silicon	28-1	-7.47	-6.63	-6.78	-6.96		ppb
Silver	107-1	0.00	0.01	0.00	0.00	37.68	ppb
Silver	109-1	0.00	0.00	0.00	0.00	90.41	ppb
Sodium	23-2	31.93	34.64	32.19	32.92	4.53	ppb
Strontium	86-1	-0.07	-0.09	0.07	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	5309.79	ppb
Sulfur	34-1	-1958.56	-1816.68	-1625.45	-1800.23		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00	102.44	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	47.13	ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.02	0.06	0.00	0.01	295.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	72.17	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BL	Instrumnet Name :	P7
Client Sample ID :	PB133475BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:27:04	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.06	0.12	0.06	0.04	239.15	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	73.91	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133477BL Instrumnet Name : P7
 Client Sample ID : PB133477BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:30:39 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	-0.08	0.07	0.10	194.29	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	49.42	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	98.24	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	11-1	0.21	0.28	0.30	0.26	16.60	ppb
Boron	10-1	0.51	0.32	0.33	0.39	27.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-5.84	-2.85	-4.45	-4.38		ppb
Cadmium	108-1	0.06	0.17	0.05	0.09	72.25	ppb
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	-3.30	-1.03	-3.41	-2.58		ppb
Calcium	44-1	-0.96	-2.72	-3.13	-2.27		ppb
Chromium	52-2	-0.01	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	459.43	ppb
Copper	63-2	-0.20	-0.23	-0.17	-0.20		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.16	0.22	0.31	0.23	32.75	ppb
Iron	57-2	0.62	0.53	0.11	0.42	63.82	ppb
Iron	54-2	2.26	2.35	1.42	2.01	25.52	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	51.90	ppb
Lead	207-1	0.00	0.02	0.00	0.01	109.79	ppb

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133477BL Instrumnet Name : P7
 Client Sample ID : PB133477BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:30:39 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.01	0.02	0.02	0.02	41.19	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.40	0.66	0.67	0.58	26.13	ppb
Manganese	55-2	0.01	0.01	0.00	0.01	18.70	ppb
Molybdenum	94-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	312.08	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	1002.96	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	95.85	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	165.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-0.33	-30.05	-6.04	-12.14		ppb
Potassium	39-2	-10.03	2.66	15.23	2.62	482.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.80	0.00	0.57	0.46	91.09	ppb
Selenium	77-2	0.00	0.00	0.53	0.18	173.21	ppb
Selenium	78-2	0.11	1.01	0.94	0.69	73.46	ppb
Silicon	28-1	-6.76	-7.31	-7.54	-7.20		ppb
Silver	107-1	0.01	0.00	0.00	0.00	314.84	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	26.53	30.19	32.43	29.72	10.02	ppb
Strontium	86-1	-0.12	-0.04	-0.09	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1831.41	-1787.40	-1999.41	-1872.74		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.01	0.01	16.91	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	49.09	ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.03	0.03	0.02	0.01	494.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.97	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BL	Instrumnet Name :	P7
Client Sample ID :	PB133477BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:30:39	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	-0.06	0.03	-0.01	-0.02		ppb
Zirconium	91-1	0.02	0.00	-0.01	0.00	294.26	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	113.82	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BS	Instrumnet Name :	P7
Client Sample ID :	PB133475BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:34:12	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10392.93	10389.98	10334.30	10372.40	0.32	ppb
Antimony	121-1	500.12	493.94	487.34	493.80	1.29	ppb
Arsenic	75-2	491.97	490.42	487.91	490.10	0.42	ppb
Barium	135-1	2445.25	2392.43	2372.54	2403.41	1.56	ppb
Barium	137-1	2551.81	2500.00	2487.47	2513.09	1.36	ppb
Beryllium	9-1	501.47	497.20	487.48	495.38	1.45	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	11-1	473.63	479.96	472.50	475.36	0.85	ppb
Boron	10-1	470.76	482.18	466.96	473.30	1.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	501.05	506.22	495.64	500.97	1.06	ppb
Cadmium	108-1	510.85	500.28	498.47	503.20	1.33	ppb
Cadmium	111-1	505.69	503.88	493.97	501.18	1.26	ppb
Calcium	43-1	56081.06	55139.36	54869.15	55363.19	1.15	ppb
Calcium	44-1	52754.34	52377.55	52045.15	52392.34	0.68	ppb
Chromium	52-2	491.61	484.88	482.04	486.18	1.01	ppb
Cobalt	59-2	489.12	488.49	480.25	485.96	1.02	ppb
Copper	63-2	4929.55	4929.56	4842.83	4900.65	1.02	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				100		%
Indium	115-2				97		%
Iron	56-2	26142.98	25846.77	25577.21	25855.65	1.09	ppb
Iron	57-2	26370.45	26231.04	25969.39	26190.29	0.78	ppb
Iron	54-2	27456.24	27392.62	26751.81	27200.22	1.43	ppb
Krypton	83-1						cps
Lead	206-1	2634.44	2578.32	2532.34	2581.70	1.98	ppb
Lead	207-1	2614.57	2585.19	2535.58	2578.45	1.55	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BS	Instrumnet Name :	P7
Client Sample ID :	PB133475BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:34:12	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2592.85	2557.78	2510.85	2553.82	1.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	50635.04	50623.65	50025.08	50427.92	0.69	ppb
Manganese	55-2	4988.71	4972.93	4909.44	4957.02	0.85	ppb
Molybdenum	94-1	2546.90	2464.83	2475.81	2495.85	1.79	ppb
Molybdenum	95-1	2523.71	2451.03	2441.10	2471.94	1.82	ppb
Molybdenum	96-1	2508.19	2458.30	2444.10	2470.20	1.36	ppb
Molybdenum	97-1	2543.56	2488.47	2476.29	2502.77	1.43	ppb
Molybdenum	98-1	2511.87	2442.62	2454.51	2469.66	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.07	486.24	477.26	484.85	1.44	ppb
Phosphorus	31-2	9815.69	9835.15	9747.81	9799.55	0.47	ppb
Potassium	39-2	25802.99	25780.43	25629.06	25737.49	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	508.61	492.23	493.94	498.26	1.81	ppb
Selenium	77-2	490.97	492.18	492.19	491.78	0.14	ppb
Selenium	78-2	496.30	496.69	490.30	494.43	0.72	ppb
Silicon	28-1	655.66	654.55	660.19	656.80	0.45	ppb
Silver	107-1	502.70	500.05	492.59	498.45	1.05	ppb
Silver	109-1	505.33	498.85	491.66	498.61	1.37	ppb
Sodium	23-2	43356.47	43396.81	43039.53	43264.27	0.45	ppb
Strontium	86-1	496.95	487.17	488.17	490.77	1.10	ppb
Strontium	88-1	504.54	492.91	492.56	496.67	1.37	ppb
Sulfur	34-1	9464.44	8756.18	8457.86	8892.83	5.81	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	510.33	500.62	497.49	502.81	1.33	ppb
Thallium	205-1	520.92	514.34	504.67	513.31	1.59	ppb
Thorium	232-1	499.74	492.27	483.04	491.68	1.70	ppb
Tin	118-1	506.98	503.51	496.32	502.27	1.08	ppb
Titanium	47-1	2503.60	2496.25	2495.10	2498.32	0.18	ppb
Uranium	238-1	495.57	492.76	486.19	491.51	0.98	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BS	Instrumnet Name :	P7
Client Sample ID :	PB133475BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:34:12	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.19	486.59	484.11	486.96	0.63	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	4819.81	4803.21	4767.53	4796.85	0.56	ppb
Zirconium	91-1	496.38	484.81	488.71	489.97	1.20	ppb
Zirconium	90-1	502.35	494.19	492.53	496.36	1.06	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:37:32	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50868.63	50111.57	50375.33	50451.84	0.76	ppb
Antimony	121-1	493.55	490.75	492.82	492.37	0.30	ppb
Arsenic	75-2	501.76	499.75	499.19	500.23	0.27	ppb
Barium	135-1	2425.52	2417.16	2390.27	2410.98	0.76	ppb
Barium	137-1	2530.61	2507.51	2500.27	2512.79	0.63	ppb
Beryllium	9-1	510.61	506.31	500.69	505.87	0.98	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	11-1	496.36	503.17	495.16	498.23	0.87	ppb
Boron	10-1	492.75	496.54	479.61	489.63	1.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	494.32	490.22	494.30	492.95	0.48	ppb
Cadmium	108-1	495.10	489.79	492.29	492.39	0.54	ppb
Cadmium	111-1	496.87	491.43	493.26	493.85	0.56	ppb
Calcium	43-1	258081.31	259658.62	252310.91	256683.61	1.51	ppb
Calcium	44-1	258536.27	256368.79	253370.83	256091.96	1.01	ppb
Chromium	52-2	500.90	496.40	498.18	498.49	0.46	ppb
Cobalt	59-2	486.39	483.82	483.83	484.68	0.31	ppb
Copper	63-2	4839.96	4789.46	4754.82	4794.75	0.89	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				97		%
Indium	115-2				93		%
Iron	56-2	127627.59	126480.84	126642.59	126917.01	0.49	ppb
Iron	57-2	127681.58	127297.80	126388.76	127122.71	0.52	ppb
Iron	54-2	128993.35	128306.69	128750.73	128683.59	0.27	ppb
Krypton	83-1						cps
Lead	206-1	2676.62	2625.66	2598.70	2633.66	1.50	ppb
Lead	207-1	2682.26	2650.63	2634.71	2655.87	0.91	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:37:32	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2643.42	2619.38	2603.89	2622.23	0.76	ppb
Lithium	6-1				95		%
Magnesium	24-2	257667.29	256029.70	257052.26	256916.42	0.32	ppb
Manganese	55-2	5026.07	4956.13	4986.24	4989.48	0.70	ppb
Molybdenum	94-1	2540.34	2534.28	2518.13	2530.92	0.45	ppb
Molybdenum	95-1	2474.21	2521.67	2480.57	2492.15	1.03	ppb
Molybdenum	96-1	2482.09	2517.47	2511.16	2503.57	0.75	ppb
Molybdenum	97-1	2508.65	2536.44	2543.93	2529.67	0.73	ppb
Molybdenum	98-1	2487.55	2494.03	2460.11	2480.56	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.04	479.45	477.22	480.23	0.72	ppb
Phosphorus	31-2	10153.40	10085.58	10236.95	10158.65	0.75	ppb
Potassium	39-2	129527.57	129025.78	128851.55	129134.97	0.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	486.29	489.53	487.66	487.82	0.33	ppb
Selenium	77-2	494.50	508.96	506.64	503.37	1.54	ppb
Selenium	78-2	509.10	492.63	488.04	496.59	2.23	ppb
Silicon	28-1	607.22	619.72	612.59	613.18	1.02	ppb
Silver	107-1	486.69	480.75	482.69	483.37	0.63	ppb
Silver	109-1	477.88	480.57	478.53	478.99	0.29	ppb
Sodium	23-2	254042.33	252146.96	254612.28	253600.53	0.51	ppb
Strontium	86-1	498.47	494.90	497.73	497.03	0.38	ppb
Strontium	88-1	505.76	498.96	500.12	501.61	0.73	ppb
Sulfur	34-1	7738.63	7777.86	7118.22	7544.90	4.90	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	513.80	509.80	512.74	512.11	0.40	ppb
Thallium	205-1	533.48	525.35	527.33	528.72	0.80	ppb
Thorium	232-1	521.65	520.06	519.47	520.39	0.22	ppb
Tin	118-1	496.76	493.13	497.05	495.65	0.44	ppb
Titanium	47-1	2506.31	2527.81	2473.84	2502.65	1.09	ppb
Uranium	238-1	519.24	520.34	517.26	518.95	0.30	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:37:32	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.62	496.19	494.72	496.51	0.40	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	4772.92	4754.23	4690.15	4739.10	0.92	ppb
Zirconium	91-1	495.00	495.02	491.07	493.70	0.46	ppb
Zirconium	90-1	505.84	501.94	502.15	503.31	0.44	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:47:54	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.30	2.79	2.86	2.98	9.31	ppb
Antimony	121-1	0.05	0.06	0.08	0.07	21.65	ppb
Arsenic	75-2	0.01	0.03	0.03	0.02	37.03	ppb
Barium	135-1	0.11	0.13	0.15	0.13	13.77	ppb
Barium	137-1	0.12	0.11	0.09	0.11	14.44	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	9.14	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	11-1	3.01	3.42	3.22	3.22	6.39	ppb
Boron	10-1	3.75	2.82	3.35	3.31	14.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-7.13	-4.91	-6.43	-6.16		ppb
Cadmium	108-1	0.11	0.12	0.06	0.10	30.51	ppb
Cadmium	111-1	0.00	0.02	-0.02	0.00	661.71	ppb
Calcium	43-1	3.41	4.09	13.37	6.96	79.95	ppb
Calcium	44-1	8.58	8.89	12.47	9.98	21.66	ppb
Chromium	52-2	0.06	0.03	0.02	0.04	48.74	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	19.27	ppb
Copper	63-2	0.16	0.08	0.16	0.13	33.81	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6.79	6.96	7.30	7.02	3.67	ppb
Iron	57-2	8.65	6.78	9.43	8.29	16.46	ppb
Iron	54-2	7.83	6.30	7.83	7.32	12.04	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.38	0.37	0.36	5.14	ppb
Lead	207-1	0.35	0.36	0.37	0.36	2.88	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:47:54	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.37	0.37	0.36	0.36	1.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	15.49	14.68	14.08	14.75	4.79	ppb
Manganese	55-2	0.30	0.33	0.31	0.31	4.14	ppb
Molybdenum	94-1	0.15	0.19	0.18	0.17	11.62	ppb
Molybdenum	95-1	0.16	0.15	0.15	0.15	6.28	ppb
Molybdenum	96-1	0.16	0.13	0.19	0.16	19.35	ppb
Molybdenum	97-1	0.16	0.14	0.17	0.16	9.02	ppb
Molybdenum	98-1	0.18	0.16	0.18	0.17	6.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.04	0.03	29.10	ppb
Phosphorus	31-2	2.06	-8.65	4.99	-0.53		ppb
Potassium	39-2	37.47	23.62	33.10	31.39	22.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.58	-0.01	1.51	0.30	355.27	ppb
Selenium	77-2	0.55	0.00	0.00	0.18	173.21	ppb
Selenium	78-2	1.41	-0.13	0.80	0.69	111.45	ppb
Silicon	28-1	-7.08	-7.14	-8.64	-7.62		ppb
Silver	107-1	0.04	0.03	0.05	0.04	27.73	ppb
Silver	109-1	0.05	0.05	0.04	0.05	17.90	ppb
Sodium	23-2	90.16	84.13	85.04	86.44	3.76	ppb
Strontium	86-1	-0.10	-0.04	-0.10	-0.08		ppb
Strontium	88-1	0.03	0.02	0.02	0.03	15.80	ppb
Sulfur	34-1	-2630.09	-2626.74	-2695.37	-2650.73		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.04	0.04	22.05	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	13.44	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	16.04	ppb
Tin	118-1	0.04	0.03	0.03	0.03	25.97	ppb
Titanium	47-1	0.15	0.12	0.12	0.13	14.65	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	9.84	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:47:54	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.03	0.02	0.03	26.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.67	0.57	0.57	0.61	9.45	ppb
Zirconium	91-1	0.04	0.05	0.02	0.04	43.89	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	18.90	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BL	Instrumnet Name :	P7
Client Sample ID :	PB133479BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:51:27	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	1.25	0.58	0.84	42.72	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	9.05	ppb
Arsenic	75-2	0.02	0.01	0.03	0.02	45.43	ppb
Barium	135-1	0.05	0.06	0.06	0.06	8.65	ppb
Barium	137-1	0.05	0.06	0.05	0.05	8.60	ppb
Beryllium	9-1	0.07	0.05	0.05	0.05	19.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	11-1	2.17	1.96	1.93	2.02	6.42	ppb
Boron	10-1	2.43	2.10	2.01	2.18	10.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-7.65	-4.94	-5.43	-6.01		ppb
Cadmium	108-1	0.00	0.06	0.00	0.02	195.47	ppb
Cadmium	111-1	-0.02	-0.01	-0.01	-0.01		ppb
Calcium	43-1	7.63	-1.22	3.41	3.27	135.34	ppb
Calcium	44-1	-0.35	0.51	1.59	0.58	166.18	ppb
Chromium	52-2	0.02	0.01	0.01	0.02	27.14	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	52.97	ppb
Copper	63-2	-0.04	-0.08	-0.05	-0.06		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				98		%
Iron	56-2	2.81	2.98	2.99	2.93	3.40	ppb
Iron	57-2	3.03	2.13	2.80	2.65	17.60	ppb
Iron	54-2	4.59	4.89	4.31	4.59	6.28	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.26	0.26	0.25	9.45	ppb
Lead	207-1	0.23	0.25	0.21	0.23	9.03	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BL	Instrumnet Name :	P7
Client Sample ID :	PB133479BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:51:27	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.23	0.24	0.23	0.23	1.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.92	5.55	6.91	6.13	11.47	ppb
Manganese	55-2	0.15	0.15	0.13	0.14	9.03	ppb
Molybdenum	94-1	0.07	0.03	0.04	0.05	40.16	ppb
Molybdenum	95-1	0.07	0.06	0.09	0.07	23.03	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.06	19.01	ppb
Molybdenum	97-1	0.07	0.04	0.10	0.07	42.06	ppb
Molybdenum	98-1	0.07	0.10	0.09	0.09	14.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	36.97	ppb
Phosphorus	31-2	-5.11	5.11	-2.31	-0.77		ppb
Potassium	39-2	21.61	23.98	22.65	22.75	5.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	1.00	0.51	0.65	0.72	35.22	ppb
Selenium	77-2	0.00	0.00	0.27	0.09	173.21	ppb
Selenium	78-2	0.60	-0.31	0.53	0.28	184.50	ppb
Silicon	28-1	-6.94	-6.32	-6.77	-6.68		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.82	ppb
Silver	109-1	0.02	0.02	0.01	0.01	33.22	ppb
Sodium	23-2	69.58	60.54	66.10	65.41	6.97	ppb
Strontium	86-1	0.13	0.02	-0.11	0.01	1115.79	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	33.97	ppb
Sulfur	34-1	-2509.18	-2320.47	-2549.46	-2459.70		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.04	0.02	0.03	44.62	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	22.88	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	82.39	ppb
Tin	118-1	0.01	0.01	0.02	0.01	61.79	ppb
Titanium	47-1	0.08	0.06	0.00	0.04	93.16	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.85	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BL	Instrumnet Name :	P7
Client Sample ID :	PB133479BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:51:27	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	43.67	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.29	0.29	0.16	0.25	29.55	ppb
Zirconium	91-1	0.05	0.01	0.02	0.03	62.48	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	25.04	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BS	Instrumnet Name :	P7
Client Sample ID :	PB133477BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:54:58	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10616.02	10637.65	10587.07	10613.58	0.24	ppb
Antimony	121-1	475.89	481.46	486.34	481.23	1.09	ppb
Arsenic	75-2	488.64	490.79	487.65	489.03	0.33	ppb
Barium	135-1	2338.05	2366.20	2381.71	2361.99	0.94	ppb
Barium	137-1	2449.29	2480.60	2498.90	2476.26	1.01	ppb
Beryllium	9-1	483.52	486.58	487.11	485.73	0.40	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	11-1	459.22	472.59	477.39	469.74	2.00	ppb
Boron	10-1	458.78	472.53	480.66	470.66	2.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	493.26	493.62	483.94	490.27	1.12	ppb
Cadmium	108-1	482.37	489.51	491.51	487.79	0.98	ppb
Cadmium	111-1	486.53	490.95	491.31	489.60	0.54	ppb
Calcium	43-1	54932.46	54513.58	53963.18	54469.74	0.89	ppb
Calcium	44-1	51514.62	51665.33	50987.71	51389.22	0.69	ppb
Chromium	52-2	489.45	492.68	489.83	490.65	0.36	ppb
Cobalt	59-2	491.27	496.29	489.68	492.41	0.70	ppb
Copper	63-2	5045.08	5071.17	5020.38	5045.54	0.50	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	26392.16	26351.86	26504.40	26416.14	0.30	ppb
Iron	57-2	26674.76	26679.51	26449.98	26601.42	0.49	ppb
Iron	54-2	27584.71	27722.21	27641.24	27649.39	0.25	ppb
Krypton	83-1						cps
Lead	206-1	2535.32	2545.24	2538.33	2539.63	0.20	ppb
Lead	207-1	2527.59	2530.10	2537.05	2531.58	0.19	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BS	Instrumnet Name :	P7
Client Sample ID :	PB133477BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:54:58	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2506.85	2517.20	2509.81	2511.29	0.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	51196.29	51946.62	51259.59	51467.50	0.81	ppb
Manganese	55-2	5013.57	5039.33	4974.29	5009.06	0.65	ppb
Molybdenum	94-1	2453.23	2486.20	2486.53	2475.32	0.77	ppb
Molybdenum	95-1	2447.00	2484.47	2430.79	2454.09	1.12	ppb
Molybdenum	96-1	2455.41	2477.72	2442.33	2458.49	0.73	ppb
Molybdenum	97-1	2419.17	2516.79	2453.77	2463.24	2.01	ppb
Molybdenum	98-1	2439.49	2475.31	2462.24	2459.01	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.76	495.41	489.84	492.67	0.57	ppb
Phosphorus	31-2	9852.38	9898.48	9980.76	9910.54	0.66	ppb
Potassium	39-2	25964.02	26090.54	25974.94	26009.83	0.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	478.64	485.83	489.44	484.64	1.13	ppb
Selenium	77-2	530.88	515.18	500.89	515.65	2.91	ppb
Selenium	78-2	486.94	496.60	489.52	491.02	1.02	ppb
Silicon	28-1	594.30	593.96	590.64	592.97	0.34	ppb
Silver	107-1	481.07	485.11	491.38	485.85	1.07	ppb
Silver	109-1	479.36	480.77	487.63	482.59	0.92	ppb
Sodium	23-2	43834.42	44314.94	43858.42	44002.60	0.62	ppb
Strontium	86-1	479.83	487.48	487.39	484.90	0.91	ppb
Strontium	88-1	485.12	496.24	492.42	491.26	1.15	ppb
Sulfur	34-1	8037.57	7526.74	7390.52	7651.61	4.46	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	496.30	496.04	491.96	494.77	0.49	ppb
Thallium	205-1	501.60	512.57	502.80	505.66	1.19	ppb
Thorium	232-1	483.29	482.05	480.74	482.03	0.26	ppb
Tin	118-1	484.74	489.63	491.48	488.62	0.71	ppb
Titanium	47-1	2476.17	2468.36	2453.53	2466.02	0.47	ppb
Uranium	238-1	485.19	487.47	486.70	486.45	0.24	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BS	Instrumnet Name :	P7
Client Sample ID :	PB133477BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:54:58	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	488.37	490.27	487.77	488.80	0.27	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	4861.64	4885.77	4857.85	4868.42	0.31	ppb
Zirconium	91-1	480.29	488.60	481.79	483.56	0.92	ppb
Zirconium	90-1	488.55	492.24	491.44	490.74	0.40	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BS	Instrumnet Name :	P7
Client Sample ID :	PB133479BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:58:19	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10586.90	10352.54	10368.53	10435.99	1.25	ppb
Antimony	121-1	486.13	484.50	462.89	477.84	2.71	ppb
Arsenic	75-2	488.67	481.37	477.21	482.42	1.20	ppb
Barium	135-1	2382.20	2372.88	2290.69	2348.59	2.14	ppb
Barium	137-1	2512.35	2520.37	2410.61	2481.11	2.47	ppb
Beryllium	9-1	503.79	489.07	470.84	487.90	3.38	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	11-1	484.51	481.74	466.10	477.45	2.08	ppb
Boron	10-1	482.95	484.13	465.56	477.55	2.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	487.69	485.91	480.38	484.66	0.79	ppb
Cadmium	108-1	498.32	491.97	476.15	488.82	2.34	ppb
Cadmium	111-1	497.55	489.04	476.17	487.59	2.21	ppb
Calcium	43-1	56406.46	55019.08	52961.36	54795.64	3.16	ppb
Calcium	44-1	53258.55	51636.04	49949.36	51614.65	3.21	ppb
Chromium	52-2	487.23	475.36	479.25	480.61	1.26	ppb
Cobalt	59-2	490.54	480.65	479.51	483.56	1.25	ppb
Copper	63-2	4970.00	4865.20	4870.91	4902.04	1.20	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	26411.80	25896.93	25651.48	25986.74	1.49	ppb
Iron	57-2	26382.65	26012.83	25918.12	26104.54	0.94	ppb
Iron	54-2	27518.23	26870.63	26927.54	27105.47	1.32	ppb
Krypton	83-1						cps
Lead	206-1	2592.74	2545.73	2468.28	2535.58	2.48	ppb
Lead	207-1	2594.30	2539.55	2455.29	2529.71	2.77	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BS	Instrumnet Name :	P7
Client Sample ID :	PB133479BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:58:19	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2587.78	2528.16	2435.26	2517.07	3.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	51331.73	50576.37	50936.87	50948.32	0.74	ppb
Manganese	55-2	5068.20	4953.54	4922.72	4981.48	1.54	ppb
Molybdenum	94-1	2527.69	2482.55	2333.15	2447.80	4.16	ppb
Molybdenum	95-1	2500.03	2489.88	2325.43	2438.45	4.02	ppb
Molybdenum	96-1	2508.72	2462.74	2351.43	2440.96	3.31	ppb
Molybdenum	97-1	2533.71	2468.52	2394.22	2465.48	2.83	ppb
Molybdenum	98-1	2493.12	2484.64	2351.86	2443.21	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.56	478.59	477.53	480.89	1.03	ppb
Phosphorus	31-2	9963.65	9752.57	9543.77	9753.33	2.15	ppb
Potassium	39-2	26131.75	25413.80	25686.27	25743.94	1.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	496.48	490.62	466.01	484.37	3.34	ppb
Selenium	77-2	498.80	502.41	503.08	501.43	0.46	ppb
Selenium	78-2	498.75	481.14	488.60	489.50	1.81	ppb
Silicon	28-1	612.83	600.45	580.42	597.90	2.73	ppb
Silver	107-1	490.31	486.10	476.08	484.16	1.51	ppb
Silver	109-1	487.12	484.72	473.04	481.63	1.56	ppb
Sodium	23-2	44015.40	42493.97	43093.64	43201.00	1.77	ppb
Strontium	86-1	494.55	489.40	465.85	483.26	3.17	ppb
Strontium	88-1	499.93	498.12	473.51	490.52	3.01	ppb
Sulfur	34-1	7472.71	6408.92	5586.86	6489.50	14.57	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	504.28	496.05	473.93	491.42	3.19	ppb
Thallium	205-1	516.53	517.30	492.67	508.83	2.75	ppb
Thorium	232-1	492.22	489.27	460.96	480.82	3.59	ppb
Tin	118-1	494.56	493.05	473.22	486.94	2.45	ppb
Titanium	47-1	2554.97	2450.82	2380.99	2462.26	3.56	ppb
Uranium	238-1	496.57	483.71	462.12	480.80	3.62	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BS	Instrumnet Name :	P7
Client Sample ID :	PB133479BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:58:19	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	486.94	478.53	478.67	481.38	1.00	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4823.42	4746.60	4723.59	4764.53	1.10	ppb
Zirconium	91-1	492.33	485.51	457.98	478.60	3.80	ppb
Zirconium	90-1	501.58	494.01	471.33	488.97	3.22	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:01:40	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49118.69	50761.55	51008.11	50296.12	2.04	ppb
Antimony	121-1	495.31	486.82	495.21	492.45	0.99	ppb
Arsenic	75-2	477.65	498.91	499.30	491.95	2.52	ppb
Barium	135-1	2416.91	2375.11	2406.57	2399.53	0.91	ppb
Barium	137-1	2554.42	2490.30	2547.67	2530.80	1.39	ppb
Beryllium	9-1	507.34	508.80	509.24	508.46	0.20	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Boron	11-1	498.38	495.96	501.02	498.46	0.51	ppb
Boron	10-1	495.74	506.96	506.13	502.94	1.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	487.10	478.33	487.13	484.19	1.05	ppb
Cadmium	108-1	492.88	476.36	489.00	486.08	1.78	ppb
Cadmium	111-1	493.89	485.21	491.12	490.07	0.90	ppb
Calcium	43-1	259660.75	259909.86	262209.09	260593.23	0.54	ppb
Calcium	44-1	258743.28	261661.33	259409.35	259937.99	0.59	ppb
Chromium	52-2	481.45	500.13	499.11	493.56	2.13	ppb
Cobalt	59-2	468.77	486.74	485.68	480.39	2.10	ppb
Copper	63-2	4674.00	4842.79	4845.96	4787.58	2.05	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	123971.95	129332.98	127711.54	127005.49	2.16	ppb
Iron	57-2	122576.44	126845.72	126986.80	125469.65	2.00	ppb
Iron	54-2	123577.23	128843.75	128727.93	127049.64	2.37	ppb
Krypton	83-1						cps
Lead	206-1	2663.57	2659.08	2657.54	2660.06	0.12	ppb
Lead	207-1	2662.12	2653.47	2678.96	2664.85	0.49	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:01:40	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2645.88	2615.94	2632.66	2631.49	0.57	ppb
Lithium	6-1				95		%
Magnesium	24-2	250229.62	258170.70	259658.99	256019.77	1.98	ppb
Manganese	55-2	4825.21	5031.66	5053.88	4970.25	2.54	ppb
Molybdenum	94-1	2559.86	2520.31	2553.55	2544.58	0.84	ppb
Molybdenum	95-1	2525.18	2507.68	2532.23	2521.69	0.50	ppb
Molybdenum	96-1	2548.13	2519.24	2547.78	2538.38	0.65	ppb
Molybdenum	97-1	2573.68	2513.29	2586.79	2557.92	1.53	ppb
Molybdenum	98-1	2542.58	2509.97	2552.44	2535.00	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.02	477.52	479.39	475.31	1.16	ppb
Phosphorus	31-2	9769.17	10276.25	10216.08	10087.17	2.75	ppb
Potassium	39-2	124516.83	129130.11	128578.51	127408.48	1.98	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	498.10	488.08	491.49	492.56	1.03	ppb
Selenium	77-2	501.28	522.51	504.39	509.40	2.25	ppb
Selenium	78-2	466.66	493.52	500.50	486.89	3.67	ppb
Silicon	28-1	609.02	618.68	628.53	618.74	1.58	ppb
Silver	107-1	483.13	474.54	483.91	480.53	1.08	ppb
Silver	109-1	482.03	471.22	477.30	476.85	1.14	ppb
Sodium	23-2	246631.28	256599.65	258878.23	254036.39	2.56	ppb
Strontium	86-1	501.26	496.74	507.09	501.69	1.03	ppb
Strontium	88-1	511.49	502.23	511.07	508.26	1.03	ppb
Sulfur	34-1	7083.44	7178.81	7503.11	7255.12	3.03	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	520.35	514.08	512.63	515.69	0.80	ppb
Thallium	205-1	531.87	531.17	533.50	532.18	0.23	ppb
Thorium	232-1	525.83	529.00	522.88	525.90	0.58	ppb
Tin	118-1	500.21	492.19	498.15	496.85	0.84	ppb
Titanium	47-1	2536.01	2566.89	2537.78	2546.89	0.68	ppb
Uranium	238-1	528.33	518.45	520.26	522.35	1.01	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:01:40	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	480.56	495.85	500.08	492.16	2.09	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	4596.86	4763.36	4772.14	4710.79	2.10	ppb
Zirconium	91-1	502.99	499.22	500.34	500.85	0.39	ppb
Zirconium	90-1	508.51	511.08	507.37	508.99	0.37	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:20:47	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	1.03	0.56	0.64	54.94	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	6.11	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	42.55	ppb
Barium	135-1	0.07	0.08	0.03	0.06	43.17	ppb
Barium	137-1	0.05	0.04	0.07	0.05	32.48	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	14.00	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	11-1	2.28	2.07	1.87	2.07	9.71	ppb
Boron	10-1	1.88	1.46	1.70	1.68	12.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-4.20	-7.18	-3.80	-5.06		ppb
Cadmium	108-1	0.09	0.03	0.15	0.09	67.69	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00		ppb
Calcium	43-1	0.33	-0.64	4.89	1.53	193.72	ppb
Calcium	44-1	2.91	3.45	0.71	2.36	61.47	ppb
Chromium	52-2	0.02	0.04	0.05	0.04	40.20	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	30.92	ppb
Copper	63-2	-0.03	-0.07	-0.08	-0.06		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				101		%
Indium	115-2				98		%
Iron	56-2	2.87	3.00	2.68	2.85	5.67	ppb
Iron	57-2	3.46	2.35	2.40	2.74	22.89	ppb
Iron	54-2	4.54	5.36	5.39	5.09	9.49	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.38	0.38	0.39	3.85	ppb
Lead	207-1	0.35	0.34	0.38	0.36	5.64	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:20:47	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.37	0.37	0.37	0.37	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.71	5.87	6.30	5.96	5.13	ppb
Manganese	55-2	0.13	0.14	0.14	0.14	5.42	ppb
Molybdenum	94-1	0.06	0.08	0.06	0.07	16.06	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	15.29	ppb
Molybdenum	96-1	0.07	0.09	0.10	0.09	14.03	ppb
Molybdenum	97-1	0.06	0.08	0.09	0.08	22.80	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.09	11.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.00	0.02	103.71	ppb
Phosphorus	31-2	-13.49	3.75	-8.13	-5.96		ppb
Potassium	39-2	18.17	19.05	13.91	17.04	16.13	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.50	0.44	1.45	0.80	70.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.21	-0.13	0.65	0.10	462.01	ppb
Silicon	28-1	-6.81	-6.32	-6.42	-6.52		ppb
Silver	107-1	0.01	0.02	0.02	0.02	27.74	ppb
Silver	109-1	0.03	0.01	0.02	0.02	32.22	ppb
Sodium	23-2	65.67	64.53	62.09	64.10	2.86	ppb
Strontium	86-1	-0.02	-0.05	-0.10	-0.06		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.62	ppb
Sulfur	34-1	-2875.72	-2591.69	-2670.23	-2712.55		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.03	0.02	0.02	27.55	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.54	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	55.53	ppb
Tin	118-1	0.04	0.04	0.03	0.04	26.16	ppb
Titanium	47-1	0.05	0.11	0.01	0.06	81.38	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.92	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:20:47	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.02	0.01	51.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.31	0.24	0.36	0.31	19.23	ppb
Zirconium	91-1	0.00	0.01	0.05	0.02	139.97	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	23.69	ppb

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:30:56	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	475	450	547	26.91	cps
Antimony	121-1	75	83	50	69	24.98	cps
Arsenic	75-2	9	7	19	12	50.75	cps
Barium	135-1	17	8	17	14	34.67	cps
Barium	137-1	25	8	33	22	57.29	cps
Beryllium	9-1	50	33	28	37	31.22	cps
Bismuth	209-1	4906264	4927719	4960125	4931370	0.55	cps
Bismuth	209-2	4046317	4073479	4013825	4044540	0.74	cps
Boron	11-1	317	342	417	358	14.52	cps
Boron	10-1	58	92	33	61	47.89	cps
Bromine	81-1	3851	3767	3992	3870	2.94	cps
Bromine	81-2	50	40	40	43	13.32	cps
Cadmium	106-1	10237	10354	10846	10479	3.08	cps
Cadmium	108-1	29	29	17	25	28.86	cps
Cadmium	111-1	344	348	357	350	1.87	cps
Calcium	43-1	308	375	608	431	36.59	cps
Calcium	44-1	17761	18938	18437	18379	3.21	cps
Chromium	52-2	1273	1233	1237	1248	1.78	cps
Cobalt	59-2	73	97	87	86	13.69	cps
Copper	63-2	3030	3107	3190	3109	2.57	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Erbium	164-1	42	75	33	50	44.10	cps
Erbium	164-2	27	17	30	24	28.38	cps
Gadolinium	160-1	117	67	92	92	27.27	cps
Gadolinium	160-2	97	110	93	100	8.82	cps
Holmium	165-1	8645188	8604028	8757271	8668829	0.91	cps
Holmium	165-2	6291703	6211356	6175744	6226268	0.95	cps
Indium	115-1	6881921	6912207	6968125	6920751	0.63	cps
Indium	115-2	2638816	2613102	2591046	2614321	0.91	cps
Iron	56-2	7997	7697	8047	7913	2.39	cps
Iron	57-2	406	406	378	396	4.05	cps
Iron	54-2	1532	1522	1712	1588	6.74	cps
Krypton	83-1	1990	2127	2050	2056	3.33	cps
Lead	206-1	678	544	589	604	11.25	cps
Lead	207-1	478	500	517	498	3.92	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:30:56	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2261	2222	2372	2285	3.41	cps
Lithium	6-1	1888251	1883426	1889302	1886993	0.17	cps
Magnesium	24-2	167	117	133	139	18.33	cps
Manganese	55-2	77	70	77	74	5.17	cps
Molybdenum	94-1	183	175	150	169	10.24	cps
Molybdenum	95-1	25	33	25	28	17.31	cps
Molybdenum	96-1	58	50	92	67	33.08	cps
Molybdenum	97-1	17	17	17	17	0.00	cps
Molybdenum	98-1	42	25	42	36	26.65	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	77	40	60	59	31.18	cps
Phosphorus	31-2	1725	1792	1508	1675	8.84	cps
Potassium	39-2	120955	122063	122694	121904	0.72	cps
Rhodium	103-1	6954226	6936977	6946986	6946063	0.12	cps
Rhodium	103-2	4498949	4384204	4348533	4410562	1.78	cps
Scandium	45-1	5053464	5066297	5139142	5086301	0.91	cps
Scandium	45-2	491245	497877	490543	493221	0.82	cps
Selenium	82-1	45	-160	-91	-69	-151.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	181	176	202	186	7.32	cps
Silicon	28-1	378720	377393	378051	378055	0.18	cps
Silver	107-1	50	92	67	69	30.20	cps
Silver	109-1	50	17	58	42	52.91	cps
Sodium	23-2	31709	31859	31734	31768	0.25	cps
Strontium	86-1	2984	3367	3476	3275	7.89	cps
Strontium	88-1	75	117	83	92	24.05	cps
Sulfur	34-1	640037	641498	649561	643699	0.80	cps
Terbium	159-1	8753588	8920714	8978911	8884404	1.32	cps
Terbium	159-2	6376378	6265267	6213816	6285154	1.32	cps
Thallium	203-1	33	117	58	69	61.59	cps
Thallium	205-1	125	175	150	150	16.67	cps
Thorium	232-1	289	300	283	291	2.92	cps
Tin	118-1	258	417	383	353	23.66	cps
Titanium	47-1	167	117	75	119	38.43	cps
Uranium	238-1	85	72	45	67	30.30	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:30:56	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	20	13	17	20.01	cps
Yttrium	89-1	12781925	12763406	12857892	12801075	0.39	cps
Yttrium	89-2	3697833	3556909	3529330	3594691	2.51	cps
Zinc	66-2	583	547	550	560	3.62	cps
Zirconium	91-1	67	92	108	89	23.59	cps
Zirconium	90-1	442	533	558	511	12.02	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 20:34:28 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3425	4134	4084	3881	10.19	cps
Antimony	121-1	13365	13232	13265	13287	0.52	cps
Arsenic	75-2	487	530	417	478	11.94	cps
Barium	135-1	15317	14750	14107	14725	4.11	cps
Barium	137-1	26375	26901	25641	26306	2.41	cps
Beryllium	9-1	1350	1383	1472	1402	4.51	cps
Bismuth	209-1	4821464	4874019	4830773	4842086	0.58	cps
Bismuth	209-2	3990779	3985657	4026958	4001131	0.56	cps
Boron	11-1	19096	20139	20247	19827	3.21	cps
Boron	10-1	4301	4326	4176	4267	1.88	cps
Bromine	81-1	3726	3742	3809	3759	1.17	cps
Bromine	81-2	30	60	50	47	32.73	cps
Cadmium	106-1	10354	10354	9670	10126	3.90	cps
Cadmium	108-1	200	175	171	182	8.67	cps
Cadmium	111-1	2346	2209	2180	2245	3.94	cps
Calcium	43-1	11805	11246	11063	11371	3.40	cps
Calcium	44-1	185604	184767	187112	185828	0.64	cps
Chromium	52-2	8499	8773	8646	8639	1.58	cps
Cobalt	59-2	5474	5404	5154	5344	3.15	cps
Copper	63-2	10884	10847	11081	10937	1.15	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Erbium	164-1	75	50	58	61	20.83	cps
Erbium	164-2	47	13	30	30	55.57	cps
Gadolinium	160-1	50	142	83	92	50.62	cps
Gadolinium	160-2	80	90	80	83	6.93	cps
Holmium	165-1	8528733	8570220	8567674	8555542	0.27	cps
Holmium	165-2	6183119	6157591	6158900	6166536	0.23	cps
Indium	115-1	6835712	6864482	6797136	6832444	0.49	cps
Indium	115-2	2551886	2606303	2565717	2574635	1.10	cps
Iron	56-2	171447	168806	166380	168878	1.50	cps
Iron	57-2	4617	4623	4306	4516	4.02	cps
Iron	54-2	11586	10805	10955	11116	3.73	cps
Krypton	83-1	2084	2010	2060	2051	1.83	cps
Lead	206-1	4751	5018	4923	4897	2.76	cps
Lead	207-1	3973	3956	4256	4062	4.15	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:34:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	18344	18778	19161	18761	2.18	cps
Lithium	6-1	1883373	1883689	1862636	1876566	0.64	cps
Magnesium	24-2	158090	158563	155969	157541	0.88	cps
Manganese	55-2	2630	2427	2604	2554	4.33	cps
Molybdenum	94-1	13840	13782	14249	13957	1.82	cps
Molybdenum	95-1	16527	17328	16727	16860	2.47	cps
Molybdenum	96-1	19856	19163	18320	19113	4.02	cps
Molybdenum	97-1	10037	10621	10421	10360	2.86	cps
Molybdenum	98-1	27235	26358	27243	26945	1.89	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1367	1467	1573	1469	7.04	cps
Phosphorus	31-2	1675	1325	1658	1553	12.72	cps
Potassium	39-2	304664	315821	315253	311913	2.01	cps
Rhodium	103-1	6822681	6822190	6783993	6809621	0.33	cps
Rhodium	103-2	4358257	4384100	4341670	4361343	0.49	cps
Scandium	45-1	5043000	5061563	5037260	5047275	0.25	cps
Scandium	45-2	481971	480069	488060	483367	0.86	cps
Selenium	82-1	378	488	501	456	14.73	cps
Selenium	77-2	43	70	57	57	23.53	cps
Selenium	78-2	407	393	391	397	2.30	cps
Silicon	28-1	429146	422648	424116	425304	0.80	cps
Silver	107-1	8436	8761	8403	8533	2.32	cps
Silver	109-1	8144	7552	8294	7997	4.91	cps
Sodium	23-2	295111	304137	298110	299119	1.54	cps
Strontium	86-1	5418	4976	5368	5254	4.61	cps
Strontium	88-1	18020	17720	17828	17856	0.85	cps
Sulfur	34-1	643225	649015	650385	647541	0.59	cps
Terbium	159-1	8790067	8882599	8783405	8818690	0.63	cps
Terbium	159-2	6178402	6267471	6203151	6216341	0.74	cps
Thallium	203-1	5510	5726	5143	5460	5.40	cps
Thallium	205-1	12306	12573	12356	12412	1.14	cps
Thorium	232-1	294	356	322	324	9.44	cps
Tin	118-1	26283	25298	25540	25707	2.00	cps
Titanium	47-1	5468	5001	5234	5234	4.46	cps
Uranium	238-1	16388	16470	16447	16435	0.26	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:34:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15945	15388	15088	15474	2.81	cps
Yttrium	89-1	12725961	12506601	12534673	12589078	0.95	cps
Yttrium	89-2	3587589	3556845	3519254	3554563	0.96	cps
Zinc	66-2	1917	2060	1893	1957	4.61	cps
Zirconium	91-1	2600	2417	2384	2467	4.73	cps
Zirconium	90-1	11030	12339	11972	11780	5.73	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 20:38:01 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174117	171691	169431	171746	1.36	cps
Antimony	121-1	374031	373036	371061	372709	0.41	cps
Arsenic	75-2	26049	25784	25433	25755	1.20	cps
Barium	135-1	409603	408586	409392	409194	0.13	cps
Barium	137-1	712051	706929	708700	709227	0.37	cps
Beryllium	9-1	80417	78692	77753	78954	1.71	cps
Bismuth	209-1	4916276	4872441	4868938	4885885	0.54	cps
Bismuth	209-2	4003172	3953633	3921153	3959319	1.04	cps
Boron	11-1	44825	44031	45477	44778	1.62	cps
Boron	10-1	9120	9053	8503	8892	3.81	cps
Bromine	81-1	3801	3792	3626	3739	2.64	cps
Bromine	81-2	50	60	60	57	10.19	cps
Cadmium	106-1	20465	20323	19572	20120	2.38	cps
Cadmium	108-1	7398	7156	7314	7289	1.68	cps
Cadmium	111-1	88192	88264	89520	88659	0.84	cps
Calcium	43-1	121822	120293	119814	120643	0.87	cps
Calcium	44-1	1924347	1926540	1931821	1927570	0.20	cps
Chromium	52-2	200063	199914	195541	198506	1.29	cps
Cobalt	59-2	288247	287111	283849	286403	0.80	cps
Copper	63-2	1923289	1903101	1886964	1904452	0.96	cps
Dysprosium	156-2	30	27	13	23	37.81	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Erbium	164-1	83	67	92	81	15.80	cps
Erbium	164-2	40	17	20	26	49.38	cps
Gadolinium	160-1	108	75	100	94	18.37	cps
Gadolinium	160-2	80	93	100	91	11.18	cps
Holmium	165-1	8779315	8603471	8608822	8663870	1.15	cps
Holmium	165-2	6185023	6130743	6034204	6116657	1.25	cps
Indium	115-1	6990005	6960681	6859254	6936647	0.99	cps
Indium	115-2	2561523	2537405	2509867	2536265	1.02	cps
Iron	56-2	8266683	8453526	8232143	8317451	1.43	cps
Iron	57-2	215619	215505	211484	214203	1.10	cps
Iron	54-2	501431	493348	486219	493666	1.54	cps
Krypton	83-1	1960	2124	2054	2046	4.01	cps
Lead	206-1	1213209	1208819	1209925	1210651	0.19	cps
Lead	207-1	1054291	1048809	1052300	1051800	0.26	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:38:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4767452	4744548	4749891	4753964	0.25	cps
Lithium	6-1	1907593	1878240	1886908	1890914	0.80	cps
Magnesium	24-2	1757003	1766543	1732714	1752086	1.00	cps
Manganese	55-2	1371678	1365162	1359549	1365463	0.44	cps
Molybdenum	94-1	760171	760238	751737	757382	0.65	cps
Molybdenum	95-1	930710	926430	916722	924621	0.78	cps
Molybdenum	96-1	1043241	1033184	1035244	1037223	0.51	cps
Molybdenum	97-1	584433	577292	573185	578303	0.98	cps
Molybdenum	98-1	1485485	1477980	1471514	1478326	0.47	cps
Neodymium	150-1	40	27	40	36	21.64	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	75727	76002	74089	75273	1.37	cps
Phosphorus	31-2	13014	12998	12689	12900	1.42	cps
Potassium	39-2	1207118	1199283	1185564	1197322	0.91	cps
Rhodium	103-1	6996899	6793278	6788874	6859684	1.73	cps
Rhodium	103-2	4351579	4301154	4240169	4297634	1.30	cps
Scandium	45-1	5140181	5103538	5087491	5110403	0.53	cps
Scandium	45-2	478132	476069	467041	473747	1.25	cps
Selenium	82-1	6117	5833	5708	5886	3.57	cps
Selenium	77-2	597	633	680	637	6.56	cps
Selenium	78-2	2330	2409	2335	2358	1.89	cps
Silicon	28-1	662102	663588	662279	662657	0.12	cps
Silver	107-1	458039	452175	453619	454611	0.67	cps
Silver	109-1	439409	437817	432061	436429	0.89	cps
Sodium	23-2	3017246	3020543	2968091	3001960	0.98	cps
Strontium	86-1	120021	118736	119829	119529	0.58	cps
Strontium	88-1	1002482	992778	995590	996950	0.50	cps
Sulfur	34-1	687191	689037	696312	690847	0.70	cps
Terbium	159-1	9051835	9097943	8958857	9036212	0.78	cps
Terbium	159-2	6268054	6186089	6117318	6190487	1.22	cps
Thallium	203-1	292691	291979	290853	291841	0.32	cps
Thallium	205-1	686879	687286	688879	687681	0.15	cps
Thorium	232-1	874518	874545	865510	871524	0.60	cps
Tin	118-1	276434	273097	273454	274328	0.67	cps
Titanium	47-1	285558	281856	280123	282512	0.98	cps
Uranium	238-1	800940	797378	787722	795347	0.86	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:38:01	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	170313	171459	166992	169588	1.37	cps
Yttrium	89-1	12966219	12767743	12704263	12812742	1.07	cps
Yttrium	89-2	3552166	3504934	3473798	3510299	1.12	cps
Zinc	66-2	361183	363572	356834	360530	0.95	cps
Zirconium	91-1	137706	138227	137774	137902	0.21	cps
Zirconium	90-1	618990	619550	616140	618227	0.30	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 20:41:34 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412880	413417	412195	412831	0.15	cps
Antimony	121-1	938654	924095	923470	928740	0.93	cps
Arsenic	75-2	63276	63406	62280	62987	0.98	cps
Barium	135-1	1028365	1025576	1016248	1023396	0.62	cps
Barium	137-1	1775813	1752411	1763357	1763860	0.66	cps
Beryllium	9-1	199559	200899	199554	200004	0.39	cps
Bismuth	209-1	4841877	4790826	4822520	4818408	0.53	cps
Bismuth	209-2	3984367	3997450	3986526	3989448	0.18	cps
Boron	11-1	111340	110527	112767	111545	1.02	cps
Boron	10-1	22267	23318	22784	22790	2.31	cps
Bromine	81-1	3317	3451	3567	3445	3.63	cps
Bromine	81-2	70	40	60	57	26.96	cps
Cadmium	106-1	36205	34292	34676	35058	2.89	cps
Cadmium	108-1	17770	18078	17761	17870	1.01	cps
Cadmium	111-1	221560	220704	216239	219501	1.30	cps
Calcium	43-1	296442	294495	291674	294204	0.81	cps
Calcium	44-1	4746863	4704855	4686191	4712636	0.66	cps
Chromium	52-2	487666	483363	473884	481638	1.46	cps
Cobalt	59-2	699650	692369	689983	694001	0.73	cps
Copper	63-2	4647277	4574242	4534468	4585329	1.25	cps
Dysprosium	156-2	23	60	37	40	46.40	cps
Dysprosium	156-1	67	42	58	56	22.91	cps
Erbium	164-1	50	17	75	47	61.97	cps
Erbium	164-2	33	40	20	31	32.73	cps
Gadolinium	160-1	75	158	125	119	35.12	cps
Gadolinium	160-2	83	90	93	89	5.73	cps
Holmium	165-1	8642609	8480054	8620272	8580978	1.03	cps
Holmium	165-2	6158797	6209747	6116101	6161548	0.76	cps
Indium	115-1	6790288	6695108	6685450	6723615	0.86	cps
Indium	115-2	2507146	2493424	2497038	2499203	0.28	cps
Iron	56-2	20676645	20250948	20043676	20323756	1.59	cps
Iron	57-2	519361	520486	512269	517372	0.86	cps
Iron	54-2	1197561	1191847	1160557	1183322	1.68	cps
Krypton	83-1	1913	1787	1950	1883	4.55	cps
Lead	206-1	3058527	3042005	3045926	3048819	0.28	cps
Lead	207-1	2650327	2606054	2658229	2638203	1.07	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:41:34	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	12634912	12550074	12878731	12687906	1.34	cps
Lithium	6-1	1894559	1868594	1873289	1878814	0.74	cps
Magnesium	24-2	4256059	4244239	4179238	4226512	0.98	cps
Manganese	55-2	3343443	3299654	3268101	3303733	1.15	cps
Molybdenum	94-1	1893320	1860479	1857982	1870594	1.05	cps
Molybdenum	95-1	2294319	2270285	2267604	2277403	0.65	cps
Molybdenum	96-1	2569463	2538532	2545895	2551297	0.63	cps
Molybdenum	97-1	1426935	1417106	1419686	1421242	0.36	cps
Molybdenum	98-1	3682562	3649958	3659101	3663874	0.46	cps
Neodymium	150-1	80	73	40	64	33.25	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	181048	180188	179735	180324	0.37	cps
Phosphorus	31-2	29705	30039	29446	29730	1.00	cps
Potassium	39-2	2704043	2701706	2660104	2688617	0.92	cps
Rhodium	103-1	6693458	6661148	6679483	6678030	0.24	cps
Rhodium	103-2	4277091	4241987	4254385	4257821	0.42	cps
Scandium	45-1	4984726	4982689	4906762	4958059	0.90	cps
Scandium	45-2	462452	462769	458190	461137	0.55	cps
Selenium	82-1	14862	15244	14799	14968	1.61	cps
Selenium	77-2	1597	1423	1600	1540	6.56	cps
Selenium	78-2	5364	5268	5160	5264	1.94	cps
Silicon	28-1	1133359	1137239	1135686	1135428	0.17	cps
Silver	107-1	1132352	1119944	1120780	1124359	0.62	cps
Silver	109-1	1092241	1075845	1068276	1078787	1.14	cps
Sodium	23-2	6745917	6714483	6640542	6700314	0.81	cps
Strontium	86-1	289823	288259	288742	288941	0.28	cps
Strontium	88-1	2475583	2435679	2448759	2453340	0.83	cps
Sulfur	34-1	745422	741266	738756	741815	0.45	cps
Terbium	159-1	8893727	8794050	8854465	8847414	0.57	cps
Terbium	159-2	6209809	6173464	6193788	6192354	0.29	cps
Thallium	203-1	740934	732503	738456	737298	0.59	cps
Thallium	205-1	1734808	1736193	1723002	1731334	0.42	cps
Thorium	232-1	2247102	2221523	2209787	2226137	0.86	cps
Tin	118-1	684106	671225	674299	676543	0.99	cps
Titanium	47-1	696215	686617	688264	690366	0.74	cps
Uranium	238-1	2036019	2039129	2010241	2028463	0.78	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:41:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	411055	414108	404042	409735	1.26	cps
Yttrium	89-1	12503455	12277215	12426444	12402371	0.93	cps
Yttrium	89-2	3453346	3446635	3432173	3444051	0.31	cps
Zinc	66-2	879811	865097	862566	869158	1.07	cps
Zirconium	91-1	344475	343185	342619	343427	0.28	cps
Zirconium	90-1	1548429	1538015	1543733	1543393	0.34	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 20:45:06 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	797075	796341	791459	794959	0.38	cps
Antimony	121-1	1856420	1847488	1834333	1846080	0.60	cps
Arsenic	75-2	123553	123341	121879	122924	0.74	cps
Barium	135-1	2056186	2035147	2020896	2037410	0.87	cps
Barium	137-1	3522021	3502221	3484124	3502789	0.54	cps
Beryllium	9-1	397007	404434	393250	398230	1.43	cps
Bismuth	209-1	4806236	4845931	4804772	4818979	0.48	cps
Bismuth	209-2	3933008	3964786	3923468	3940421	0.55	cps
Boron	11-1	223648	225295	223453	224132	0.45	cps
Boron	10-1	44883	46279	45778	45647	1.55	cps
Bromine	81-1	3517	3450	3442	3470	1.19	cps
Bromine	81-2	80	40	70	63	32.87	cps
Cadmium	106-1	61542	60596	59031	60390	2.10	cps
Cadmium	108-1	36234	35578	35248	35686	1.41	cps
Cadmium	111-1	433496	433409	425443	430782	1.07	cps
Calcium	43-1	578820	576816	576634	577423	0.21	cps
Calcium	44-1	8495497	8425842	8472998	8464779	0.42	cps
Chromium	52-2	931230	931839	916777	926615	0.92	cps
Cobalt	59-2	1342566	1326795	1322067	1330476	0.81	cps
Copper	63-2	8974343	8951013	8830124	8918493	0.87	cps
Dysprosium	156-2	60	40	37	46	27.70	cps
Dysprosium	156-1	67	92	67	75	19.24	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	92	108	117	106	12.06	cps
Gadolinium	160-2	90	120	113	108	14.62	cps
Holmium	165-1	8611527	8721861	8631067	8654818	0.68	cps
Holmium	165-2	6119370	6131856	6153186	6134804	0.28	cps
Indium	115-1	6623845	6733371	6550062	6635759	1.39	cps
Indium	115-2	2421241	2417663	2405326	2414743	0.35	cps
Iron	56-2	39287444	39257520	38612220	39052395	0.98	cps
Iron	57-2	1002352	1002020	990340	998237	0.69	cps
Iron	54-2	2292946	2285990	2257155	2278697	0.83	cps
Krypton	83-1	1940	1917	1943	1933	0.75	cps
Lead	206-1	6096702	6176792	6132909	6135468	0.65	cps
Lead	207-1	5293755	5384454	5297478	5325229	0.96	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 20:45:06 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	25853727	26017130	25527698	25799518	0.97	cps
Lithium	6-1	1859970	1872863	1853813	1862215	0.52	cps
Magnesium	24-2	7795667	7779916	7685861	7753814	0.77	cps
Manganese	55-2	6281842	6209218	6184308	6225123	0.81	cps
Molybdenum	94-1	3675616	3694234	3645596	3671815	0.67	cps
Molybdenum	95-1	4499720	4496486	4421724	4472643	0.99	cps
Molybdenum	96-1	5009233	5017047	4977682	5001321	0.42	cps
Molybdenum	97-1	2798432	2813645	2786956	2799678	0.48	cps
Molybdenum	98-1	7118968	7092694	7096155	7102606	0.20	cps
Neodymium	150-1	147	140	140	142	2.71	cps
Neodymium	150-2	37	37	40	38	5.09	cps
Nickel	60-2	348988	344713	340458	344720	1.24	cps
Phosphorus	31-2	55562	55152	55018	55244	0.51	cps
Potassium	39-2	4749872	4753576	4704799	4736082	0.57	cps
Rhodium	103-1	6447742	6509616	6423805	6460388	0.69	cps
Rhodium	103-2	4110618	4125919	4083159	4106565	0.53	cps
Scandium	45-1	4865055	4899773	4842030	4868953	0.60	cps
Scandium	45-2	438225	437903	437484	437871	0.08	cps
Selenium	82-1	29359	29073	28872	29101	0.84	cps
Selenium	77-2	2940	2974	3210	3041	4.84	cps
Selenium	78-2	10550	10257	10348	10385	1.44	cps
Silicon	28-1	1703544	1700634	1692060	1698746	0.35	cps
Silver	107-1	2211463	2188065	2206909	2202146	0.56	cps
Silver	109-1	2117315	2120806	2105263	2114461	0.39	cps
Sodium	23-2	12955074	12890584	12889983	12911880	0.29	cps
Strontium	86-1	565620	563227	552930	560592	1.20	cps
Strontium	88-1	4808363	4828695	4789322	4808793	0.41	cps
Sulfur	34-1	802339	792127	787893	794120	0.94	cps
Terbium	159-1	8878684	9036313	8886580	8933859	0.99	cps
Terbium	159-2	6149247	6187585	6120140	6152324	0.55	cps
Thallium	203-1	1490742	1485920	1488971	1488544	0.16	cps
Thallium	205-1	3473238	3488661	3496596	3486165	0.34	cps
Thorium	232-1	4533323	4485796	4548169	4522429	0.72	cps
Tin	118-1	1357853	1351128	1330259	1346413	1.07	cps
Titanium	47-1	1364271	1360563	1331305	1352047	1.34	cps
Uranium	238-1	4101605	4072505	4100637	4091582	0.40	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:45:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	794039	790528	784454	789674	0.61	cps
Yttrium	89-1	11988230	12287469	12163721	12146473	1.24	cps
Yttrium	89-2	3330481	3331197	3309725	3323801	0.37	cps
Zinc	66-2	1696112	1689713	1675842	1687222	0.61	cps
Zirconium	91-1	671015	681363	670830	674402	0.89	cps
Zirconium	90-1	3030316	3017352	3009574	3019081	0.35	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:48:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1508861	1525027	1520796	1518228	0.55	cps
Antimony	121-1	3559202	3534793	3530893	3541630	0.43	cps
Arsenic	75-2	235821	235620	237688	236377	0.48	cps
Barium	135-1	3949422	3908613	3919853	3925962	0.54	cps
Barium	137-1	6979447	6996045	6949382	6974958	0.34	cps
Beryllium	9-1	755375	746718	751060	751051	0.58	cps
Bismuth	209-1	4830028	4820540	4866673	4839080	0.50	cps
Bismuth	209-2	3942710	3998499	3981659	3974289	0.72	cps
Boron	11-1	424225	433060	436037	431107	1.42	cps
Boron	10-1	86731	87845	90201	88259	2.01	cps
Bromine	81-1	3809	3667	3517	3664	3.98	cps
Bromine	81-2	60	50	100	70	37.80	cps
Cadmium	106-1	106951	107899	104600	106483	1.60	cps
Cadmium	108-1	68120	68300	67534	67985	0.59	cps
Cadmium	111-1	838447	825495	821106	828349	1.09	cps
Calcium	43-1	1106132	1104205	1078692	1096343	1.40	cps
Calcium	44-1	16360393	16295263	15927079	16194245	1.44	cps
Chromium	52-2	1773267	1779850	1776298	1776472	0.19	cps
Cobalt	59-2	2554139	2542474	2555333	2550648	0.28	cps
Copper	63-2	17162796	17167170	17029381	17119783	0.46	cps
Dysprosium	156-2	70	73	100	81	20.27	cps
Dysprosium	156-1	183	125	158	156	18.82	cps
Erbium	164-1	50	92	42	61	43.83	cps
Erbium	164-2	30	57	43	43	30.77	cps
Gadolinium	160-1	83	142	125	117	25.75	cps
Gadolinium	160-2	167	167	140	158	9.76	cps
Holmium	165-1	8741145	8601834	8678699	8673893	0.80	cps
Holmium	165-2	6136778	6168945	6173287	6159670	0.32	cps
Indium	115-1	6651447	6534207	6629173	6604943	0.94	cps
Indium	115-2	2410287	2405886	2436764	2417646	0.69	cps
Iron	56-2	74486316	75752593	75819491	75352800	1.00	cps
Iron	57-2	1918195	1915666	1933866	1922576	0.51	cps
Iron	54-2	4362292	4395651	4357766	4371903	0.47	cps
Krypton	83-1	1763	1877	1780	1807	3.39	cps
Lead	206-1	13479630	13470557	13362968	13437718	0.48	cps
Lead	207-1	11851055	11877004	11796910	11841656	0.35	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:48:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	53074885	53133265	53093409	53100520	0.06	cps
Lithium	6-1	1840681	1821142	1854972	1838932	0.92	cps
Magnesium	24-2	14758304	14673117	14702619	14711347	0.29	cps
Manganese	55-2	11876663	12043582	12122019	12014088	1.04	cps
Molybdenum	94-1	6977709	7080409	7050731	7036283	0.75	cps
Molybdenum	95-1	8484028	8570838	8495456	8516774	0.55	cps
Molybdenum	96-1	9604802	9502812	9546776	9551463	0.54	cps
Molybdenum	97-1	5393352	5378868	5328181	5366800	0.64	cps
Molybdenum	98-1	13659234	13711204	13477509	13615982	0.90	cps
Neodymium	150-1	227	227	333	262	23.49	cps
Neodymium	150-2	70	57	80	69	16.99	cps
Nickel	60-2	662157	660684	664809	662550	0.32	cps
Phosphorus	31-2	102760	104975	103558	103764	1.08	cps
Potassium	39-2	8811233	8853474	8874055	8846254	0.36	cps
Rhodium	103-1	6430871	6437238	6410537	6426215	0.22	cps
Rhodium	103-2	4055005	4062130	4109450	4075528	0.73	cps
Scandium	45-1	4802589	4814348	4776654	4797864	0.40	cps
Scandium	45-2	435847	437384	439719	437650	0.45	cps
Selenium	82-1	55778	55491	55644	55638	0.26	cps
Selenium	77-2	5631	5855	5868	5785	2.30	cps
Selenium	78-2	19767	19428	19602	19599	0.87	cps
Silicon	28-1	4096715	4125550	4146953	4123073	0.61	cps
Silver	107-1	4217678	4208943	4182828	4203150	0.43	cps
Silver	109-1	4067418	4077455	4006362	4050412	0.95	cps
Sodium	23-2	24566390	24568182	24821994	24652189	0.60	cps
Strontium	86-1	1077652	1077184	1077116	1077317	0.03	cps
Strontium	88-1	9341557	9278414	9243340	9287770	0.54	cps
Sulfur	34-1	904612	891949	896136	897566	0.72	cps
Terbium	159-1	8870362	8890239	8897574	8886059	0.16	cps
Terbium	159-2	6212220	6238597	6284161	6244992	0.58	cps
Thallium	203-1	2887224	2892878	2875327	2885143	0.31	cps
Thallium	205-1	7403005	7380340	7411139	7398161	0.22	cps
Thorium	232-1	10455772	10473546	10467746	10465688	0.09	cps
Tin	118-1	2604312	2587135	2580053	2590500	0.48	cps
Titanium	47-1	2575410	2570980	2557167	2567852	0.37	cps
Uranium	238-1	9227361	9141905	9264600	9211289	0.68	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:48:35	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1527016	1528698	1532763	1529492	0.19	cps
Yttrium	89-1	12204541	12125591	12261239	12197124	0.56	cps
Yttrium	89-2	3323580	3327219	3364011	3338270	0.67	cps
Zinc	66-2	3226793	3225753	3220198	3224248	0.11	cps
Zirconium	91-1	1307186	1312254	1301522	1306987	0.41	cps
Zirconium	90-1	5812913	5842949	5777276	5811046	0.57	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 20:51:58 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3148303	3148961	3118511	3138591	0.55	cps
Antimony	121-1	7520505	7479909	7479996	7493470	0.31	cps
Arsenic	75-2	497346	492416	488799	492854	0.87	cps
Barium	135-1	8542319	8500794	8400746	8481286	0.86	cps
Barium	137-1	14485184	14422635	14359198	14422339	0.44	cps
Beryllium	9-1	1505923	1493427	1504722	1501357	0.46	cps
Bismuth	209-1	4791225	4863111	4910632	4854989	1.24	cps
Bismuth	209-2	3914596	3925593	4047203	3962464	1.86	cps
Boron	11-1	858501	873143	879682	870442	1.25	cps
Boron	10-1	177107	179477	180969	179184	1.09	cps
Bromine	81-1	3876	3776	3709	3787	2.22	cps
Bromine	81-2	50	130	70	83	49.96	cps
Cadmium	106-1	211394	210727	208875	210332	0.62	cps
Cadmium	108-1	140258	139488	140813	140187	0.47	cps
Cadmium	111-1	1712816	1688434	1696058	1699103	0.73	cps
Calcium	43-1	2256238	2237833	2266291	2253454	0.64	cps
Calcium	44-1	33500083	33393441	33315335	33402953	0.28	cps
Chromium	52-2	3702597	3688826	3672193	3687872	0.41	cps
Cobalt	59-2	5237010	5200275	5229293	5222193	0.37	cps
Copper	63-2	35345472	34961046	34977495	35094671	0.62	cps
Dysprosium	156-2	160	173	143	159	9.46	cps
Dysprosium	156-1	375	400	275	350	18.90	cps
Erbium	164-1	83	100	0	61	87.67	cps
Erbium	164-2	53	43	27	41	32.76	cps
Gadolinium	160-1	208	208	158	192	15.06	cps
Gadolinium	160-2	177	177	247	200	20.21	cps
Holmium	165-1	8713481	8752005	8924790	8796759	1.28	cps
Holmium	165-2	6191910	6215307	6719893	6375704	4.68	cps
Indium	115-1	6583338	6590333	6707157	6626943	1.05	cps
Indium	115-2	2380461	2393135	2468982	2414193	1.98	cps
Iron	56-2	157568309	155674470	156518509	156587096	0.61	cps
Iron	57-2	3971831	3971347	3957236	3966805	0.21	cps
Iron	54-2	8789672	8819657	8585355	8731561	1.46	cps
Krypton	83-1	1787	1873	1830	1830	2.37	cps
Lead	206-1	27684002	27572362	27744433	27666932	0.32	cps
Lead	207-1	24352313	24811548	24522316	24562059	0.95	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:51:58	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	109502821	111457814	110059587	110340074	0.91	cps
Lithium	6-1	1806141	1805341	1823281	1811588	0.56	cps
Magnesium	24-2	30803919	30590536	30131242	30508566	1.13	cps
Manganese	55-2	25031695	25242724	24896797	25057072	0.70	cps
Molybdenum	94-1	14655425	14545332	14416783	14539180	0.82	cps
Molybdenum	95-1	17849875	17786761	17740096	17792244	0.31	cps
Molybdenum	96-1	19836726	19865949	19926869	19876515	0.23	cps
Molybdenum	97-1	10970459	11104097	11068635	11047730	0.63	cps
Molybdenum	98-1	28550794	28677134	28515364	28581098	0.30	cps
Neodymium	150-1	600	460	653	571	17.48	cps
Neodymium	150-2	133	113	87	111	21.07	cps
Nickel	60-2	1359134	1352844	1349985	1353988	0.35	cps
Phosphorus	31-2	214361	215711	214529	214867	0.34	cps
Potassium	39-2	18486361	18526673	18348701	18453912	0.51	cps
Rhodium	103-1	6360340	6419241	6549209	6442930	1.50	cps
Rhodium	103-2	4011307	4026805	4156582	4064898	1.96	cps
Scandium	45-1	4795419	4854888	4907226	4852511	1.15	cps
Scandium	45-2	439808	443717	459605	447710	2.34	cps
Selenium	82-1	114497	114140	115126	114588	0.44	cps
Selenium	77-2	11855	11645	12275	11925	2.69	cps
Selenium	78-2	41179	40698	40465	40780	0.89	cps
Silicon	28-1	5010667	5077663	5109320	5065883	0.99	cps
Silver	107-1	8697132	8740859	8669359	8702450	0.41	cps
Silver	109-1	8523471	8358934	8375185	8419197	1.08	cps
Sodium	23-2	51683557	51214933	51094612	51331034	0.61	cps
Strontium	86-1	2221395	2238295	2216275	2225322	0.52	cps
Strontium	88-1	19216340	19368051	19382308	19322233	0.48	cps
Sulfur	34-1	1210890	1214229	1214426	1213182	0.16	cps
Terbium	159-1	9059941	9032131	9219826	9103966	1.11	cps
Terbium	159-2	6177015	6205107	6708971	6363698	4.70	cps
Thallium	203-1	5913935	5945100	5917068	5925368	0.29	cps
Thallium	205-1	15130115	15311498	15353331	15264981	0.78	cps
Thorium	232-1	21744055	21620195	21702249	21688833	0.29	cps
Tin	118-1	5342373	5278405	5314324	5311701	0.60	cps
Titanium	47-1	5227586	5214845	5233328	5225253	0.18	cps
Uranium	238-1	19050473	19032336	19085571	19056127	0.14	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 20:51:58	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3205282	3181146	3174351	3186926	0.51	cps
Yttrium	89-1	12257408	12393041	12659889	12436779	1.65	cps
Yttrium	89-2	3353226	3361995	3468717	3394646	1.89	cps
Zinc	66-2	6707949	6681744	6579349	6656347	1.02	cps
Zirconium	91-1	2717523	2703881	2684894	2702099	0.61	cps
Zirconium	90-1	12102514	12008040	11955033	12021862	0.62	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:09:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15476608	15142925	14895333	15171622	1.92	cps
Antimony	121-1	3109	3267	3300	3225	3.18	cps
Arsenic	75-2	174	169	161	168	3.88	cps
Barium	135-1	1550	1708	1567	1608	5.41	cps
Barium	137-1	2492	2567	2475	2511	1.94	cps
Beryllium	9-1	83	100	156	113	33.48	cps
Bismuth	209-1	4275587	4290280	4305283	4290383	0.35	cps
Bismuth	209-2	3552429	3498702	3738732	3596621	3.50	cps
Boron	11-1	3284	3259	3434	3325	2.85	cps
Boron	10-1	625	650	567	614	6.97	cps
Bromine	81-1	4084	3709	3992	3928	4.98	cps
Bromine	81-2	140	160	70	123	38.32	cps
Cadmium	106-1	9437	9420	9712	9523	1.72	cps
Cadmium	108-1	100	108	108	106	4.56	cps
Cadmium	111-1	772	715	729	739	3.97	cps
Calcium	43-1	9912607	9752873	9814281	9826587	0.82	cps
Calcium	44-1	157184041	155519666	155872966	156192224	0.56	cps
Chromium	52-2	13393	13686	13253	13444	1.65	cps
Cobalt	59-2	7282	7792	7165	7413	4.50	cps
Copper	63-2	10747	10794	10887	10810	0.66	cps
Dysprosium	156-2	1280	1337	1193	1270	5.68	cps
Dysprosium	156-1	1825	1992	1575	1797	11.67	cps
Erbium	164-1	242	158	292	231	29.22	cps
Erbium	164-2	203	187	220	203	8.20	cps
Gadolinium	160-1	2034	2050	2109	2064	1.91	cps
Gadolinium	160-2	1520	1500	1540	1520	1.32	cps
Holmium	165-1	8269413	8226030	8291750	8262397	0.40	cps
Holmium	165-2	5989905	6007076	6606400	6201127	5.66	cps
Indium	115-1	6114358	6125786	6131066	6123737	0.14	cps
Indium	115-2	2417623	2391147	2506269	2438346	2.47	cps
Iron	56-2	761255884	771032928	753312239	761867017	1.17	cps
Iron	57-2	18872499	19030951	18615120	18839523	1.11	cps
Iron	54-2	41271649	41821997	41276720	41456789	0.76	cps
Krypton	83-1	1857	1893	2020	1923	4.46	cps
Lead	206-1	24144	23488	23899	23844	1.39	cps
Lead	207-1	20349	20672	20962	20661	1.48	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:09:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	93279	92036	93100	92805	0.72	cps
Lithium	6-1	1812213	1831402	1843974	1829196	0.87	cps
Magnesium	24-2	155768670	153307799	150681228	153252566	1.66	cps
Manganese	55-2	11978	11918	12185	12027	1.16	cps
Molybdenum	94-1	2825	2875	2967	2889	2.49	cps
Molybdenum	95-1	3117	2775	2659	2850	8.36	cps
Molybdenum	96-1	4501	4459	4526	4495	0.75	cps
Molybdenum	97-1	1875	1942	1667	1828	7.85	cps
Molybdenum	98-1	4417	4434	4292	4381	1.77	cps
Neodymium	150-1	60	53	33	49	28.39	cps
Neodymium	150-2	23	3	13	13	75.02	cps
Nickel	60-2	3567	3454	3417	3479	2.25	cps
Phosphorus	31-2	1842	1633	1725	1733	6.02	cps
Potassium	39-2	91347746	91860012	90837872	91348543	0.56	cps
Rhodium	103-1	5887739	5889232	5877367	5884779	0.11	cps
Rhodium	103-2	3862417	3839943	4037362	3913240	2.76	cps
Scandium	45-1	4802071	4768858	4781394	4784108	0.35	cps
Scandium	45-2	455900	448535	480501	461645	3.63	cps
Selenium	82-1	111	67	-135	15	903.92	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	163	163	211	179	15.53	cps
Silicon	28-1	450230	456456	468541	458409	2.03	cps
Silver	107-1	2367	2459	2450	2425	2.09	cps
Silver	109-1	1975	1925	2242	2047	8.32	cps
Sodium	23-2	305487907	301887915	297886090	301753971	1.26	cps
Strontium	86-1	14382	14650	13924	14319	2.56	cps
Strontium	88-1	98345	98259	97144	97916	0.68	cps
Sulfur	34-1	574030	560267	561717	565338	1.34	cps
Terbium	159-1	8545923	8475734	8462864	8494840	0.53	cps
Terbium	159-2	6015003	6048865	6635832	6233234	5.60	cps
Thallium	203-1	392	425	275	364	21.65	cps
Thallium	205-1	892	800	850	847	5.42	cps
Thorium	232-1	850	833	872	852	2.29	cps
Tin	118-1	1033	1283	908	1075	17.76	cps
Titanium	47-1	533	483	492	503	5.33	cps
Uranium	238-1	1708	1665	1723	1699	1.78	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:09:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	237	253	237	242	3.97	cps
Yttrium	89-1	12163444	11886294	12125607	12058448	1.25	cps
Yttrium	89-2	3484332	3459114	3614406	3519284	2.37	cps
Zinc	66-2	5144	5401	5398	5314	2.77	cps
Zirconium	91-1	833	858	892	861	3.40	cps
Zirconium	90-1	3400	3651	3417	3489	4.01	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:17:58 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86423	84597	83851	84957	1.56	cps
Antimony	121-1	1401921	1404201	1392746	1399623	0.43	cps
Arsenic	75-2	101997	102413	100363	101591	1.07	cps
Barium	135-1	159496	158821	158559	158959	0.30	cps
Barium	137-1	273038	273970	273080	273363	0.19	cps
Beryllium	9-1	146343	145450	145949	145914	0.31	cps
Bismuth	209-1	4765372	4770533	4802092	4779332	0.42	cps
Bismuth	209-2	4008925	3997741	4003018	4003228	0.14	cps
Boron	11-1	430559	439961	444811	438444	1.65	cps
Boron	10-1	88038	88918	92179	89712	2.43	cps
Bromine	81-1	3734	4034	3726	3831	4.59	cps
Bromine	81-2	110	40	50	67	56.79	cps
Cadmium	106-1	46962	45858	46351	46390	1.19	cps
Cadmium	108-1	22731	22489	22372	22530	0.81	cps
Cadmium	111-1	170061	169564	168397	169340	0.50	cps
Calcium	43-1	54341	53982	52025	53450	2.33	cps
Calcium	44-1	737787	729850	728761	732133	0.67	cps
Chromium	52-2	382449	383196	374361	380002	1.29	cps
Cobalt	59-2	554096	552551	546377	551008	0.74	cps
Copper	63-2	378806	375167	376229	376734	0.50	cps
Dysprosium	156-2	10	30	13	18	60.28	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Erbium	164-1	83	75	75	78	6.19	cps
Erbium	164-2	27	37	20	28	30.20	cps
Gadolinium	160-1	83	100	100	94	10.18	cps
Gadolinium	160-2	83	77	130	97	30.06	cps
Holmium	165-1	8528697	8494280	8630552	8551176	0.83	cps
Holmium	165-2	6140751	6161971	6132488	6145070	0.25	cps
Indium	115-1	6856068	6726630	6823508	6802069	0.99	cps
Indium	115-2	2560459	2571104	2547881	2559815	0.45	cps
Iron	56-2	6554099	6509898	6383213	6482403	1.37	cps
Iron	57-2	165869	166217	162879	164988	1.11	cps
Iron	54-2	389130	390728	383818	387892	0.93	cps
Krypton	83-1	1930	1947	1980	1952	1.30	cps
Lead	206-1	1104393	1107856	1120842	1111030	0.78	cps
Lead	207-1	917378	912206	917323	915636	0.32	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:17:58 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4250702	4240996	4264098	4251932	0.27	cps
Lithium	6-1	1862272	1865360	1878868	1868833	0.47	cps
Magnesium	24-2	417386	410645	403853	410628	1.65	cps
Manganese	55-2	272609	272417	266780	270602	1.22	cps
Molybdenum	94-1	7647051	7661572	7595663	7634762	0.45	cps
Molybdenum	95-1	9090567	9096814	9176215	9121199	0.52	cps
Molybdenum	96-1	10183724	10150493	10128591	10154270	0.27	cps
Molybdenum	97-1	5718187	5729224	5685561	5710991	0.40	cps
Molybdenum	98-1	14576972	14587362	14584207	14582847	0.04	cps
Neodymium	150-1	13	0	53	22	124.91	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	143634	143423	142740	143266	0.33	cps
Phosphorus	31-2	2034	1817	1567	1806	12.94	cps
Potassium	39-2	949283	949232	927755	942090	1.32	cps
Rhodium	103-1	6790368	6818349	6823366	6810694	0.26	cps
Rhodium	103-2	4335257	4306376	4293444	4311692	0.50	cps
Scandium	45-1	5030208	4970968	5039783	5013653	0.74	cps
Scandium	45-2	477911	476920	473739	476190	0.46	cps
Selenium	82-1	23511	22972	22902	23128	1.44	cps
Selenium	77-2	2584	2497	2464	2515	2.46	cps
Selenium	78-2	8834	8697	8382	8638	2.68	cps
Silicon	28-1	2930467	2954108	2967970	2950848	0.64	cps
Silver	107-1	430672	430658	427779	429703	0.39	cps
Silver	109-1	408691	409656	406669	408339	0.37	cps
Sodium	23-2	1276776	1257722	1241072	1258523	1.42	cps
Strontium	86-1	1231786	1240413	1233155	1235118	0.38	cps
Strontium	88-1	10682718	10751759	10752271	10728916	0.37	cps
Sulfur	34-1	548872	552774	551387	551011	0.36	cps
Terbium	159-1	8775336	8817814	8810126	8801092	0.26	cps
Terbium	159-2	6289486	6235836	6192885	6239402	0.78	cps
Thallium	203-1	1280928	1289006	1279029	1282987	0.41	cps
Thallium	205-1	2976951	3027693	3035090	3013245	1.05	cps
Thorium	232-1	1206	1400	1400	1335	8.41	cps
Tin	118-1	2807104	2772791	2789907	2789934	0.61	cps
Titanium	47-1	2850831	2803809	2827192	2827277	0.83	cps
Uranium	238-1	9423649	9554146	9521642	9499812	0.72	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:17:58	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	320206	319557	316666	318809	0.59	cps
Yttrium	89-1	12663133	12579846	12725716	12656231	0.58	cps
Yttrium	89-2	3556886	3557341	3531527	3548585	0.42	cps
Zinc	66-2	137641	134415	136538	136198	1.20	cps
Zirconium	91-1	1462420	1455284	1452745	1456816	0.34	cps
Zirconium	90-1	6538567	6427810	6500391	6488922	0.87	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:30:05 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4026	3809	4317	4051	6.30	cps
Antimony	121-1	13524	13715	12965	13401	2.91	cps
Arsenic	75-2	515	496	507	506	1.84	cps
Barium	135-1	14399	14558	15075	14678	2.41	cps
Barium	137-1	25482	25674	24464	25207	2.58	cps
Beryllium	9-1	1489	1517	1395	1467	4.37	cps
Bismuth	209-1	4743359	4699561	4753935	4732285	0.61	cps
Bismuth	209-2	3923860	3975888	3951687	3950479	0.66	cps
Boron	11-1	21666	21549	20715	21310	2.43	cps
Boron	10-1	4551	4159	4651	4454	5.84	cps
Bromine	81-1	4276	3667	3617	3853	9.51	cps
Bromine	81-2	40	30	70	47	44.61	cps
Cadmium	106-1	9328	9495	9420	9414	0.89	cps
Cadmium	108-1	154	183	246	194	24.09	cps
Cadmium	111-1	2318	2291	2353	2320	1.34	cps
Calcium	43-1	11430	10737	10913	11027	3.26	cps
Calcium	44-1	181142	183467	182012	182207	0.64	cps
Chromium	52-2	8296	8442	8506	8415	1.28	cps
Cobalt	59-2	5241	5324	5508	5358	2.55	cps
Copper	63-2	10491	10581	10060	10377	2.68	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Erbium	164-1	50	58	25	44	39.03	cps
Erbium	164-2	20	37	13	23	51.52	cps
Gadolinium	160-1	117	108	42	89	46.24	cps
Gadolinium	160-2	107	117	100	108	7.78	cps
Holmium	165-1	8429679	8592555	8423287	8481841	1.13	cps
Holmium	165-2	6105424	6224373	6101456	6143751	1.14	cps
Indium	115-1	6852076	6879101	6800250	6843809	0.59	cps
Indium	115-2	2593484	2622397	2601139	2605673	0.57	cps
Iron	56-2	168970	172773	165003	168915	2.30	cps
Iron	57-2	4217	4534	4456	4403	3.75	cps
Iron	54-2	11216	10845	11416	11159	2.60	cps
Krypton	83-1	1963	2004	1967	1978	1.12	cps
Lead	206-1	5446	5385	5635	5488	2.38	cps
Lead	207-1	4940	4606	4645	4731	3.85	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	21846	21012	21997	21618	2.45	cps
Lithium	6-1	1831354	1845178	1858021	1844851	0.72	cps
Magnesium	24-2	154344	158268	155993	156202	1.26	cps
Manganese	55-2	2684	2604	2357	2548	6.68	cps
Molybdenum	94-1	13523	13774	14591	13963	4.00	cps
Molybdenum	95-1	16760	16176	16727	16554	1.98	cps
Molybdenum	96-1	18613	19322	18821	18918	1.93	cps
Molybdenum	97-1	10888	11130	10329	10782	3.81	cps
Molybdenum	98-1	26918	27151	27360	27143	0.82	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1450	1537	1397	1461	4.84	cps
Phosphorus	31-2	1925	1892	1883	1900	1.16	cps
Potassium	39-2	315436	320935	318401	318257	0.86	cps
Rhodium	103-1	6800202	6716559	6815535	6777432	0.79	cps
Rhodium	103-2	4364453	4394206	4322997	4360552	0.82	cps
Scandium	45-1	5015344	4953948	4890611	4953301	1.26	cps
Scandium	45-2	476442	484541	482880	481288	0.89	cps
Selenium	82-1	432	505	396	445	12.51	cps
Selenium	77-2	60	37	77	58	34.77	cps
Selenium	78-2	369	393	393	385	3.61	cps
Silicon	28-1	376470	378909	384084	379821	1.02	cps
Silver	107-1	8303	8127	8953	8461	5.14	cps
Silver	109-1	8094	7694	7827	7872	2.59	cps
Sodium	23-2	334381	338743	336407	336510	0.65	cps
Strontium	86-1	5159	5543	5393	5365	3.60	cps
Strontium	88-1	18654	17720	18287	18220	2.58	cps
Sulfur	34-1	567185	569605	569516	568769	0.24	cps
Terbium	159-1	8743455	8817878	8850168	8803834	0.62	cps
Terbium	159-2	6411766	6496229	6206840	6371612	2.34	cps
Thallium	203-1	5376	5168	5326	5290	2.06	cps
Thallium	205-1	13015	12139	12481	12545	3.52	cps
Thorium	232-1	239	200	250	230	11.43	cps
Tin	118-1	24271	24513	24772	24519	1.02	cps
Titanium	47-1	5076	5409	5059	5182	3.81	cps
Uranium	238-1	16480	15819	17074	16458	3.81	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15461	15572	15401	15478	0.56	cps
Yttrium	89-1	12652618	12573700	12585763	12604027	0.34	cps
Yttrium	89-2	3573671	3613209	3554062	3580314	0.84	cps
Zinc	66-2	1853	1857	1980	1897	3.81	cps
Zirconium	91-1	2600	2642	2592	2611	1.03	cps
Zirconium	90-1	11488	11196	11672	11452	2.09	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:33:40 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	475	575	517	10.07	cps
Antimony	121-1	142	208	150	167	21.80	cps
Arsenic	75-2	13	9	9	10	20.36	cps
Barium	135-1	0	17	8	8	100.02	cps
Barium	137-1	42	25	25	31	31.50	cps
Beryllium	9-1	94	67	78	80	17.56	cps
Bismuth	209-1	4748878	4735083	4741063	4741674	0.15	cps
Bismuth	209-2	3999892	3972538	3952757	3975062	0.60	cps
Boron	11-1	1842	2217	1683	1914	14.31	cps
Boron	10-1	475	325	267	356	30.23	cps
Bromine	81-1	3984	3809	3892	3895	2.25	cps
Bromine	81-2	40	100	70	70	42.86	cps
Cadmium	106-1	9687	9704	10070	9820	2.21	cps
Cadmium	108-1	25	13	42	26	55.46	cps
Cadmium	111-1	324	334	330	329	1.42	cps
Calcium	43-1	350	467	383	400	15.02	cps
Calcium	44-1	17803	18137	17670	17870	1.35	cps
Chromium	52-2	1237	1203	1193	1211	1.87	cps
Cobalt	59-2	87	63	90	80	18.17	cps
Copper	63-2	2340	2337	2520	2399	4.37	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Dysprosium	156-1	33	33	8	25	57.75	cps
Erbium	164-1	25	67	50	47	44.41	cps
Erbium	164-2	30	13	27	23	37.81	cps
Gadolinium	160-1	58	108	100	89	30.14	cps
Gadolinium	160-2	97	83	80	87	10.18	cps
Holmium	165-1	8543791	8575523	8634683	8584665	0.54	cps
Holmium	165-2	6207734	6131480	6115460	6151558	0.80	cps
Indium	115-1	6847048	6923149	6933959	6901385	0.69	cps
Indium	115-2	2609017	2623541	2601304	2611287	0.43	cps
Iron	56-2	8536	8569	9075	8727	3.46	cps
Iron	57-2	422	517	356	431	18.76	cps
Iron	54-2	1802	2052	1862	1905	6.86	cps
Krypton	83-1	1917	1820	1943	1893	3.43	cps
Lead	206-1	1417	1361	1545	1441	6.53	cps
Lead	207-1	1100	1072	1161	1111	4.09	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:33:40 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5601	5262	5467	5443	3.14	cps
Lithium	6-1	1848421	1865533	1857647	1857200	0.46	cps
Magnesium	24-2	583	492	417	497	16.79	cps
Manganese	55-2	97	127	90	104	18.70	cps
Molybdenum	94-1	325	358	175	286	34.13	cps
Molybdenum	95-1	100	142	217	153	38.70	cps
Molybdenum	96-1	292	242	192	242	20.69	cps
Molybdenum	97-1	117	67	100	94	26.96	cps
Molybdenum	98-1	233	275	250	253	8.30	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	50	43	43	15.38	cps
Phosphorus	31-2	1592	1825	1934	1783	9.79	cps
Potassium	39-2	120208	124266	119998	121490	1.98	cps
Rhodium	103-1	6850247	6879461	6917378	6882362	0.49	cps
Rhodium	103-2	4378543	4371924	4379222	4376563	0.09	cps
Scandium	45-1	5073114	5056985	5012095	5047398	0.63	cps
Scandium	45-2	480327	487054	483331	483571	0.70	cps
Selenium	82-1	28	54	-8	25	124.86	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	189	226	169	194	14.97	cps
Silicon	28-1	337417	338964	333964	336782	0.76	cps
Silver	107-1	133	175	200	169	19.88	cps
Silver	109-1	58	100	83	81	26.04	cps
Sodium	23-2	65342	63526	64622	64497	1.42	cps
Strontium	86-1	3367	3034	3259	3220	5.28	cps
Strontium	88-1	183	183	150	172	11.17	cps
Sulfur	34-1	579565	574251	576570	576795	0.46	cps
Terbium	159-1	8792505	8979927	8810930	8861120	1.17	cps
Terbium	159-2	6501693	6236713	6236267	6324891	2.42	cps
Thallium	203-1	183	133	83	133	37.50	cps
Thallium	205-1	283	200	192	225	22.53	cps
Thorium	232-1	189	178	228	198	13.25	cps
Tin	118-1	508	300	492	433	26.72	cps
Titanium	47-1	142	117	133	131	9.75	cps
Uranium	238-1	352	220	210	261	30.34	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:33:40	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	3	20	13	66.16	cps
Yttrium	89-1	12704132	12733215	12674528	12703958	0.23	cps
Yttrium	89-2	3609614	3578367	3621627	3603203	0.62	cps
Zinc	66-2	643	653	570	622	7.31	cps
Zirconium	91-1	125	83	175	128	35.92	cps
Zirconium	90-1	642	583	633	619	5.09	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:37:13 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14581433	14635361	14586126	14600973	0.20	cps
Antimony	121-1	8453	8820	8778	8683	2.31	cps
Arsenic	75-2	209	170	167	182	12.96	cps
Barium	135-1	2350	2075	2184	2203	6.29	cps
Barium	137-1	4201	4301	3917	4140	4.81	cps
Beryllium	9-1	561	411	394	456	20.15	cps
Bismuth	209-1	4804927	4784516	4814657	4801367	0.32	cps
Bismuth	209-2	3827734	3902294	3710730	3813586	2.53	cps
Boron	11-1	1733	2267	1783	1928	15.28	cps
Boron	10-1	500	300	417	406	24.77	cps
Bromine	81-1	4718	4726	4276	4573	5.63	cps
Bromine	81-2	190	220	140	184	22.04	cps
Cadmium	106-1	9253	9295	9437	9328	1.03	cps
Cadmium	108-1	2117	2017	1988	2040	3.32	cps
Cadmium	111-1	1312	1517	1630	1486	10.83	cps
Calcium	43-1	2186316	2204274	2183489	2191359	0.51	cps
Calcium	44-1	32670718	32844606	32602821	32706048	0.38	cps
Chromium	52-2	73830	74460	73549	73946	0.63	cps
Cobalt	59-2	6338	6598	6315	6417	2.45	cps
Copper	63-2	34588	34060	35242	34630	1.71	cps
Dysprosium	156-2	40	27	23	30	29.40	cps
Dysprosium	156-1	58	33	33	42	34.64	cps
Erbium	164-1	50	42	83	58	37.80	cps
Erbium	164-2	37	27	53	39	34.63	cps
Gadolinium	160-1	100	125	100	108	13.32	cps
Gadolinium	160-2	103	127	87	106	19.03	cps
Holmium	165-1	8894653	9010839	8952505	8952666	0.65	cps
Holmium	165-2	6464218	6259612	6010732	6244854	3.64	cps
Indium	115-1	6874556	6858248	6896793	6876532	0.28	cps
Indium	115-2	2488042	2540793	2424052	2484296	2.35	cps
Iron	56-2	312954851	310466274	311979251	311800125	0.40	cps
Iron	57-2	7738139	7660402	7619147	7672563	0.79	cps
Iron	54-2	17096412	17099213	17071757	17089127	0.09	cps
Krypton	83-1	1823	1917	1927	1889	3.02	cps
Lead	206-1	22786	23287	22497	22857	1.75	cps
Lead	207-1	18235	17384	17846	17822	2.39	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:37:13 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	84171	83989	84234	84131	0.15	cps
Lithium	6-1	1821400	1821685	1823135	1822073	0.05	cps
Magnesium	24-2	29176027	29245323	29022518	29147956	0.39	cps
Manganese	55-2	19006	19356	18979	19114	1.10	cps
Molybdenum	94-1	3907820	3907625	3918746	3911397	0.16	cps
Molybdenum	95-1	6890878	6808087	6814473	6837813	0.67	cps
Molybdenum	96-1	7352303	7342603	7339960	7344955	0.09	cps
Molybdenum	97-1	4227460	4246917	4236095	4236824	0.23	cps
Molybdenum	98-1	10810787	10843545	10782658	10812330	0.28	cps
Neodymium	150-1	40	40	33	38	10.19	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	7269	7512	7359	7380	1.67	cps
Phosphorus	31-2	1053451	1058521	1047233	1053068	0.54	cps
Potassium	39-2	36105558	36795636	36283066	36394753	0.98	cps
Rhodium	103-1	6748699	6677708	6688299	6704902	0.57	cps
Rhodium	103-2	4121728	4211804	4010319	4114617	2.45	cps
Scandium	45-1	5035490	5024220	5027106	5028939	0.12	cps
Scandium	45-2	460813	473011	450718	461514	2.42	cps
Selenium	82-1	108	17	40	55	86.23	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	141	194	163	166	16.25	cps
Silicon	28-1	449272	442603	442537	444804	0.87	cps
Silver	107-1	825	858	850	844	2.05	cps
Silver	109-1	775	742	833	783	5.92	cps
Sodium	23-2	50601551	50983996	51159341	50914963	0.56	cps
Strontium	86-1	77190	77191	76335	76905	0.64	cps
Strontium	88-1	644728	639915	639815	641486	0.44	cps
Sulfur	34-1	3643786	3659037	3631229	3644684	0.38	cps
Terbium	159-1	9189028	9283416	9186928	9219791	0.60	cps
Terbium	159-2	6209080	6469160	6077013	6251751	3.19	cps
Thallium	203-1	867	858	942	889	5.16	cps
Thallium	205-1	2392	2259	2234	2295	3.71	cps
Thorium	232-1	317	283	328	309	7.48	cps
Tin	118-1	1850	1875	1725	1817	4.42	cps
Titanium	47-1	2105787	2091894	2094436	2097372	0.35	cps
Uranium	238-1	600	455	592	549	14.83	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:37:13	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	553	543	450	516	11.06	cps
Yttrium	89-1	12921780	12854127	13004986	12926964	0.58	cps
Yttrium	89-2	3504016	3573425	3398856	3492099	2.52	cps
Zinc	66-2	9303	9316	9230	9283	0.50	cps
Zirconium	91-1	183	200	242	208	14.42	cps
Zirconium	90-1	1117	1075	983	1058	6.45	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:40:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14463839	14468157	14475145	14469047	0.04	cps
Antimony	121-1	153142	148931	150379	150817	1.42	cps
Arsenic	75-2	10035	9968	9989	9997	0.34	cps
Barium	135-1	33983	35312	34493	34596	1.94	cps
Barium	137-1	60657	60147	59201	60002	1.23	cps
Beryllium	9-1	28009	27291	27520	27607	1.33	cps
Bismuth	209-1	4838975	4881669	4807560	4842735	0.77	cps
Bismuth	209-2	3815212	3825258	3872515	3837662	0.80	cps
Boron	11-1	46020	45009	45561	45530	1.11	cps
Boron	10-1	9612	9261	9595	9489	2.08	cps
Bromine	81-1	4784	4626	4759	4723	1.80	cps
Bromine	81-2	210	180	230	207	12.18	cps
Cadmium	106-1	15292	14508	15175	14992	2.82	cps
Cadmium	108-1	5222	5414	5088	5241	3.12	cps
Cadmium	111-1	33696	34671	33376	33914	1.99	cps
Calcium	43-1	2196873	2176150	2160411	2177811	0.84	cps
Calcium	44-1	32875737	32415805	32260168	32517237	0.98	cps
Chromium	52-2	145950	146623	145687	146087	0.33	cps
Cobalt	59-2	111661	111173	110619	111151	0.47	cps
Copper	63-2	106792	107400	107094	107096	0.28	cps
Dysprosium	156-2	37	17	30	28	36.66	cps
Dysprosium	156-1	17	67	33	39	65.47	cps
Erbium	164-1	58	83	42	61	34.32	cps
Erbium	164-2	47	70	47	54	24.74	cps
Gadolinium	160-1	117	67	108	97	27.55	cps
Gadolinium	160-2	133	127	120	127	5.27	cps
Holmium	165-1	9044772	9098478	9069481	9070910	0.30	cps
Holmium	165-2	6282390	6295376	6289269	6289012	0.10	cps
Indium	115-1	7016587	7033806	6955758	7002050	0.59	cps
Indium	115-2	2513146	2537939	2520301	2523795	0.51	cps
Iron	56-2	308946951	308303207	306653574	307967911	0.38	cps
Iron	57-2	7616143	7568513	7529055	7571237	0.58	cps
Iron	54-2	17088280	16851892	16915820	16951997	0.72	cps
Krypton	83-1	1990	2064	1983	2012	2.21	cps
Lead	206-1	154361	151222	150854	152146	1.27	cps
Lead	207-1	125618	123599	121357	123525	1.73	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:40:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	579624	571847	565796	572422	1.21	cps
Lithium	6-1	1804827	1788931	1781189	1791649	0.67	cps
Magnesium	24-2	29173066	28954018	28950019	29025701	0.44	cps
Manganese	55-2	68160	68395	67547	68034	0.64	cps
Molybdenum	94-1	4338811	4296587	4273309	4302902	0.77	cps
Molybdenum	95-1	7101239	7122910	6937223	7053791	1.44	cps
Molybdenum	96-1	7663975	7635571	7523027	7607525	0.98	cps
Molybdenum	97-1	4415530	4392405	4353562	4387166	0.71	cps
Molybdenum	98-1	11284053	11313574	11090658	11229428	1.08	cps
Neodymium	150-1	33	53	53	47	24.75	cps
Neodymium	150-2	20	10	27	19	44.42	cps
Nickel	60-2	34627	34460	34581	34556	0.25	cps
Phosphorus	31-2	1037295	1046896	1038379	1040857	0.51	cps
Potassium	39-2	36383528	36205970	36158456	36249318	0.33	cps
Rhodium	103-1	6745241	6768708	6729457	6747802	0.29	cps
Rhodium	103-2	4218255	4201263	4229296	4216272	0.33	cps
Scandium	45-1	5033912	4988689	4961729	4994777	0.73	cps
Scandium	45-2	473784	474023	473152	473653	0.09	cps
Selenium	82-1	2336	2206	2234	2259	3.03	cps
Selenium	77-2	217	180	223	207	11.29	cps
Selenium	78-2	991	926	1087	1001	8.10	cps
Silicon	28-1	703715	697653	693985	698451	0.70	cps
Silver	107-1	165313	161181	161359	162618	1.44	cps
Silver	109-1	156632	156127	150031	154263	2.38	cps
Sodium	23-2	50559390	50376899	50477766	50471351	0.18	cps
Strontium	86-1	204064	205932	202467	204154	0.85	cps
Strontium	88-1	1756855	1744865	1705085	1735602	1.56	cps
Sulfur	34-1	3598805	3557794	3555952	3570850	0.68	cps
Terbium	159-1	9443434	9386080	9309647	9379721	0.72	cps
Terbium	159-2	6599220	6590328	6616492	6602013	0.20	cps
Thallium	203-1	113723	114119	111952	113264	1.02	cps
Thallium	205-1	268470	267938	265796	267402	0.53	cps
Thorium	232-1	294	278	278	283	3.39	cps
Tin	118-1	297811	296236	290631	294893	1.28	cps
Titanium	47-1	2170198	2144116	2116447	2143587	1.25	cps
Uranium	238-1	894212	894899	888311	892474	0.41	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:40:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63084	62535	63242	62954	0.59	cps
Yttrium	89-1	13101265	13091989	12831271	13008175	1.18	cps
Yttrium	89-2	3537579	3557998	3538907	3544828	0.32	cps
Zinc	66-2	22063	22204	21987	22085	0.50	cps
Zirconium	91-1	156025	151872	150154	152683	1.98	cps
Zirconium	90-1	697091	689195	671826	686037	1.88	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:44:34	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7846107	7681827	7679856	7735930	1.23	cps
Antimony	121-1	3739327	3715267	3715832	3723475	0.37	cps
Arsenic	75-2	251207	250142	249145	250165	0.41	cps
Barium	135-1	4096244	4073420	4072684	4080782	0.33	cps
Barium	137-1	7307348	7231322	7224758	7254476	0.63	cps
Beryllium	9-1	734358	728711	723076	728715	0.77	cps
Bismuth	209-1	4612188	4580734	4630542	4607822	0.55	cps
Bismuth	209-2	3645176	3731724	3691092	3689331	1.17	cps
Boron	11-1	409164	411121	416568	412285	0.93	cps
Boron	10-1	81687	83983	83982	83217	1.59	cps
Bromine	81-1	4034	4142	3592	3923	7.43	cps
Bromine	81-2	100	120	120	113	10.19	cps
Cadmium	106-1	110326	109125	110049	109834	0.57	cps
Cadmium	108-1	70708	69711	69272	69897	1.05	cps
Cadmium	111-1	856056	843902	846974	848977	0.74	cps
Calcium	43-1	5258201	5259066	5232463	5249910	0.29	cps
Calcium	44-1	83025782	82670082	82506212	82734025	0.32	cps
Chromium	52-2	1934801	1928540	1907975	1923772	0.73	cps
Cobalt	59-2	2692841	2672709	2655192	2673581	0.70	cps
Copper	63-2	17749636	17619445	17676735	17681939	0.37	cps
Dysprosium	156-2	557	480	533	523	7.51	cps
Dysprosium	156-1	708	883	775	789	11.20	cps
Erbium	164-1	142	150	133	142	5.88	cps
Erbium	164-2	113	133	137	128	9.88	cps
Gadolinium	160-1	867	817	750	811	7.22	cps
Gadolinium	160-2	583	580	657	607	7.14	cps
Holmium	165-1	8862739	8896010	8911314	8890021	0.28	cps
Holmium	165-2	6151584	6463146	6150374	6255035	2.88	cps
Indium	115-1	6662638	6620143	6690862	6657881	0.53	cps
Indium	115-2	2424799	2465200	2444382	2444793	0.83	cps
Iron	56-2	394593375	395771698	387383975	392583016	1.16	cps
Iron	57-2	9754422	9771444	9566139	9697335	1.17	cps
Iron	54-2	21725534	21617306	21478502	21607114	0.57	cps
Krypton	83-1	2020	1800	1840	1887	6.21	cps
Lead	206-1	13543225	13415148	13398416	13452263	0.59	cps
Lead	207-1	11987625	11964411	11909037	11953691	0.34	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:44:34	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	53643204	53522022	53178485	53447904	0.45	cps
Lithium	6-1	1738273	1741958	1778344	1752859	1.26	cps
Magnesium	24-2	80242712	79966656	79306375	79838581	0.60	cps
Manganese	55-2	12988267	12969215	12902308	12953264	0.35	cps
Molybdenum	94-1	7528547	7511388	7520764	7520233	0.11	cps
Molybdenum	95-1	9145449	9065370	9015654	9075491	0.72	cps
Molybdenum	96-1	10145062	10140213	10053594	10112956	0.51	cps
Molybdenum	97-1	5666984	5644667	5611502	5641051	0.49	cps
Molybdenum	98-1	14526670	14620218	14508590	14551826	0.41	cps
Neodymium	150-1	240	333	300	291	16.25	cps
Neodymium	150-2	67	97	70	78	21.14	cps
Nickel	60-2	688342	686615	679034	684664	0.72	cps
Phosphorus	31-2	114938	112840	112211	113330	1.26	cps
Potassium	39-2	47773168	47338746	46937872	47349929	0.88	cps
Rhodium	103-1	6455124	6397657	6438850	6430544	0.46	cps
Rhodium	103-2	4023826	4087403	4041683	4050971	0.81	cps
Scandium	45-1	4916986	4809800	4943969	4890252	1.45	cps
Scandium	45-2	463424	472695	464085	466735	1.11	cps
Selenium	82-1	57815	57746	57955	57839	0.18	cps
Selenium	77-2	6235	6225	5948	6136	2.65	cps
Selenium	78-2	21110	20921	21084	21038	0.49	cps
Silicon	28-1	3576329	3628948	3660257	3621844	1.17	cps
Silver	107-1	4260250	4240718	4266130	4255699	0.31	cps
Silver	109-1	4097226	4076225	4068170	4080540	0.37	cps
Sodium	23-2	154326424	155279958	153571016	154392466	0.55	cps
Strontium	86-1	1149879	1136555	1138691	1141708	0.63	cps
Strontium	88-1	9985341	9999730	9899763	9961611	0.54	cps
Sulfur	34-1	858022	861804	860981	860269	0.23	cps
Terbium	159-1	9173744	9084633	9209464	9155947	0.70	cps
Terbium	159-2	6174107	6489167	6380410	6347895	2.52	cps
Thallium	203-1	2888690	2842982	2852645	2861439	0.84	cps
Thallium	205-1	7539499	7413411	7403961	7452290	1.02	cps
Thorium	232-1	10640543	10628673	10592043	10620420	0.24	cps
Tin	118-1	2678392	2690776	2679320	2682829	0.26	cps
Titanium	47-1	2704564	2682569	2668275	2685136	0.68	cps
Uranium	238-1	9348993	9311637	9250352	9303660	0.54	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:44:34	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1670276	1657535	1645982	1657931	0.73	cps
Yttrium	89-1	12665839	12677544	12683657	12675680	0.07	cps
Yttrium	89-2	3450208	3504701	3461495	3472135	0.83	cps
Zinc	66-2	3329418	3335908	3310509	3325278	0.40	cps
Zirconium	91-1	1375703	1377059	1375116	1375959	0.07	cps
Zirconium	90-1	6210749	6176645	6204023	6197139	0.29	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:52:02	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1075	1058	950	1028	6.60	cps
Antimony	121-1	425	592	483	500	16.91	cps
Arsenic	75-2	24	22	37	28	29.07	cps
Barium	135-1	92	200	217	169	40.05	cps
Barium	137-1	158	283	275	239	29.25	cps
Beryllium	9-1	111	117	133	120	9.61	cps
Bismuth	209-1	4737022	5065335	4884990	4895782	3.36	cps
Bismuth	209-2	3894447	3895390	3924430	3904756	0.44	cps
Boron	11-1	2942	3242	2884	3023	6.36	cps
Boron	10-1	625	600	667	631	5.34	cps
Bromine	81-1	3826	4151	4042	4006	4.13	cps
Bromine	81-2	20	50	130	67	85.29	cps
Cadmium	106-1	9620	10021	9770	9804	2.06	cps
Cadmium	108-1	38	38	29	35	13.85	cps
Cadmium	111-1	343	373	358	358	4.23	cps
Calcium	43-1	467	500	583	517	11.63	cps
Calcium	44-1	21450	21433	21442	21442	0.04	cps
Chromium	52-2	1330	1300	1313	1315	1.14	cps
Cobalt	59-2	193	177	247	206	17.79	cps
Copper	63-2	3650	3630	3570	3617	1.15	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Erbium	164-1	17	67	50	44	57.28	cps
Erbium	164-2	23	47	40	37	32.79	cps
Gadolinium	160-1	83	108	133	108	23.08	cps
Gadolinium	160-2	103	63	117	94	29.39	cps
Holmium	165-1	8725452	9218444	8814739	8919545	2.94	cps
Holmium	165-2	6156879	6189836	6184758	6177158	0.29	cps
Indium	115-1	6892711	7382922	7122692	7132775	3.44	cps
Indium	115-2	2577470	2592054	2581571	2583698	0.29	cps
Iron	56-2	31684	31428	33377	32163	3.29	cps
Iron	57-2	961	850	1122	978	14.00	cps
Iron	54-2	3224	3694	3394	3437	6.93	cps
Krypton	83-1	1923	1927	1993	1948	2.03	cps
Lead	206-1	1972	1878	1961	1937	2.67	cps
Lead	207-1	1683	1550	1495	1576	6.16	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 21:52:02 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7718	7423	7568	7570	1.95	cps
Lithium	6-1	1808682	1884388	1835080	1842717	2.09	cps
Magnesium	24-2	4567	4843	4709	4706	2.92	cps
Manganese	55-2	683	690	833	736	11.52	cps
Molybdenum	94-1	792	700	725	739	6.41	cps
Molybdenum	95-1	692	792	667	717	9.23	cps
Molybdenum	96-1	875	717	767	786	10.30	cps
Molybdenum	97-1	500	433	625	519	18.73	cps
Molybdenum	98-1	1100	1017	1208	1108	8.67	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	87	93	117	99	15.93	cps
Phosphorus	31-2	1800	1533	1508	1614	10.02	cps
Potassium	39-2	137252	137411	134360	136341	1.26	cps
Rhodium	103-1	6817815	7340287	7008349	7055484	3.75	cps
Rhodium	103-2	4360838	4359864	4396651	4372451	0.48	cps
Scandium	45-1	4967359	5146131	5023195	5045562	1.81	cps
Scandium	45-2	475304	481301	477623	478076	0.63	cps
Selenium	82-1	-30	-76	-111	-72	-56.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	165	213	198	192	12.85	cps
Silicon	28-1	325659	326217	326980	326285	0.20	cps
Silver	107-1	550	492	600	547	9.91	cps
Silver	109-1	533	575	450	519	12.25	cps
Sodium	23-2	108566	107961	103370	106632	2.66	cps
Strontium	86-1	3417	3300	3059	3259	5.61	cps
Strontium	88-1	492	383	525	467	15.87	cps
Sulfur	34-1	556467	557677	558711	557618	0.20	cps
Terbium	159-1	8939208	9482018	9147788	9189672	2.98	cps
Terbium	159-2	6476546	6495249	6281472	6417755	1.84	cps
Thallium	203-1	650	717	633	667	6.61	cps
Thallium	205-1	1658	1917	1675	1750	8.26	cps
Thorium	232-1	656	711	739	702	6.05	cps
Tin	118-1	542	508	642	564	12.31	cps
Titanium	47-1	250	258	275	261	4.88	cps
Uranium	238-1	567	643	775	662	15.93	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 21:52:02	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	67	117	63	82	36.34	cps
Yttrium	89-1	12600729	13492806	13101901	13065145	3.42	cps
Yttrium	89-2	3569077	3553498	3542295	3554957	0.38	cps
Zinc	66-2	893	970	950	938	4.24	cps
Zirconium	91-1	192	242	175	203	17.11	cps
Zirconium	90-1	892	967	1000	953	5.82	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:02:10	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3867	3909	3892	3889	0.54	cps
Antimony	121-1	14258	13031	13665	13651	4.49	cps
Arsenic	75-2	502	476	474	484	3.21	cps
Barium	135-1	15684	15417	14958	15353	2.39	cps
Barium	137-1	26685	26008	25724	26139	1.89	cps
Beryllium	9-1	1261	1728	1328	1439	17.54	cps
Bismuth	209-1	4692857	4680101	4764335	4712431	0.96	cps
Bismuth	209-2	3835845	3811687	3808190	3818574	0.39	cps
Boron	11-1	20397	20548	20306	20417	0.60	cps
Boron	10-1	4159	4151	4159	4156	0.12	cps
Bromine	81-1	4034	3951	4192	4059	3.03	cps
Bromine	81-2	80	50	30	53	47.19	cps
Cadmium	106-1	9495	9320	9712	9509	2.06	cps
Cadmium	108-1	192	258	250	233	15.57	cps
Cadmium	111-1	2506	2403	2343	2417	3.40	cps
Calcium	43-1	10829	11396	10696	10974	3.39	cps
Calcium	44-1	186961	183140	185897	185333	1.06	cps
Chromium	52-2	8326	8426	8132	8295	1.80	cps
Cobalt	59-2	5018	5234	4998	5083	2.58	cps
Copper	63-2	10591	10614	10771	10658	0.92	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Erbium	164-1	42	17	75	44	65.84	cps
Erbium	164-2	33	10	30	24	51.62	cps
Gadolinium	160-1	75	100	75	83	17.32	cps
Gadolinium	160-2	67	107	103	92	24.06	cps
Holmium	165-1	8637745	8882889	8845436	8788690	1.50	cps
Holmium	165-2	6134949	6152190	6125173	6137437	0.22	cps
Indium	115-1	7012700	7004188	7006494	7007794	0.06	cps
Indium	115-2	2580131	2595384	2568405	2581307	0.52	cps
Iron	56-2	171470	171217	169985	170891	0.46	cps
Iron	57-2	4228	4329	4134	4230	2.30	cps
Iron	54-2	11176	11316	11396	11296	0.99	cps
Krypton	83-1	1983	2094	2013	2030	2.80	cps
Lead	206-1	5040	4923	5707	5223	8.09	cps
Lead	207-1	4545	4312	4445	4434	2.64	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:02:10	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	20312	19467	20607	20129	2.94	cps
Lithium	6-1	1790267	1805709	1800930	1798969	0.44	cps
Magnesium	24-2	157182	156768	152494	155481	1.67	cps
Manganese	55-2	2857	2807	2604	2756	4.87	cps
Molybdenum	94-1	13965	14299	13940	14068	1.42	cps
Molybdenum	95-1	16527	17561	17102	17063	3.04	cps
Molybdenum	96-1	19497	18462	19022	18994	2.73	cps
Molybdenum	97-1	10846	10863	10954	10888	0.54	cps
Molybdenum	98-1	27652	27443	27460	27519	0.42	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1433	1597	1423	1485	6.56	cps
Phosphorus	31-2	1717	1767	1733	1739	1.46	cps
Potassium	39-2	324090	320323	319976	321463	0.71	cps
Rhodium	103-1	6969596	6878789	6917020	6921802	0.66	cps
Rhodium	103-2	4341695	4391364	4346517	4359859	0.63	cps
Scandium	45-1	5019127	5018936	5013638	5017233	0.06	cps
Scandium	45-2	487986	483643	478369	483333	1.00	cps
Selenium	82-1	538	412	483	477	13.24	cps
Selenium	77-2	70	60	70	67	8.66	cps
Selenium	78-2	365	376	363	368	1.91	cps
Silicon	28-1	375035	378515	376539	376696	0.46	cps
Silver	107-1	8561	8511	8594	8556	0.49	cps
Silver	109-1	8444	7977	8286	8236	2.88	cps
Sodium	23-2	337621	338879	333869	336790	0.77	cps
Strontium	86-1	5376	5201	5326	5301	1.70	cps
Strontium	88-1	18054	18129	17803	17995	0.95	cps
Sulfur	34-1	568291	573634	568633	570186	0.52	cps
Terbium	159-1	8939857	9002360	9094588	9012268	0.86	cps
Terbium	159-2	6192207	6507566	6510945	6403573	2.86	cps
Thallium	203-1	5626	5235	5018	5293	5.83	cps
Thallium	205-1	12948	12540	12982	12823	1.92	cps
Thorium	232-1	239	244	272	252	7.09	cps
Tin	118-1	24296	25273	25415	24995	2.44	cps
Titanium	47-1	5143	5268	5184	5198	1.22	cps
Uranium	238-1	16287	15965	16604	16285	1.96	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:02:10	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15495	15051	15298	15281	1.45	cps
Yttrium	89-1	12820985	12851747	12759379	12810704	0.37	cps
Yttrium	89-2	3524164	3580065	3565995	3556742	0.82	cps
Zinc	66-2	2070	2047	2107	2075	1.46	cps
Zirconium	91-1	2692	2342	2392	2475	7.65	cps
Zirconium	90-1	11555	11847	11747	11716	1.27	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:05:43 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3134	3034	3159	3109	2.13	cps
Antimony	121-1	5443	5276	5084	5268	3.41	cps
Arsenic	75-2	333	361	307	334	8.04	cps
Barium	135-1	5685	5551	5301	5512	3.53	cps
Barium	137-1	9153	9303	8786	9081	2.93	cps
Beryllium	9-1	1022	1133	956	1037	8.66	cps
Bismuth	209-1	4744060	4786529	4688135	4739574	1.04	cps
Bismuth	209-2	3773323	3902241	3900652	3858739	1.92	cps
Boron	11-1	2175	1950	1967	2031	6.17	cps
Boron	10-1	492	367	358	406	18.42	cps
Bromine	81-1	4234	3917	3984	4045	4.13	cps
Bromine	81-2	60	50	60	57	10.19	cps
Cadmium	106-1	9762	9870	10121	9918	1.85	cps
Cadmium	108-1	67	133	104	101	32.96	cps
Cadmium	111-1	1610	1446	1517	1525	5.39	cps
Calcium	43-1	1967	1859	1942	1922	2.95	cps
Calcium	44-1	42755	43273	42237	42755	1.21	cps
Chromium	52-2	3647	3821	3931	3799	3.76	cps
Cobalt	59-2	3947	3801	3814	3854	2.11	cps
Copper	63-2	7635	7725	7772	7711	0.90	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	37	27	40	34	20.14	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	97	93	80	90	9.80	cps
Holmium	165-1	8820011	8801415	8717255	8779560	0.62	cps
Holmium	165-2	6030880	6601606	6476200	6369562	4.71	cps
Indium	115-1	7088623	6964579	6900498	6984567	1.37	cps
Indium	115-2	2541476	2618427	2647015	2602306	2.10	cps
Iron	56-2	122348	123216	121686	122417	0.63	cps
Iron	57-2	3267	3128	3217	3204	2.20	cps
Iron	54-2	7840	7780	7890	7837	0.70	cps
Krypton	83-1	1927	1963	2100	1997	4.58	cps
Lead	206-1	3834	3856	3756	3815	1.38	cps
Lead	207-1	3295	3328	3150	3258	2.90	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:05:43 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15170	15231	14982	15128	0.86	cps
Lithium	6-1	1841916	1833078	1841463	1838819	0.27	cps
Magnesium	24-2	23252	23928	23878	23686	1.59	cps
Manganese	55-2	3590	3721	3634	3648	1.81	cps
Molybdenum	94-1	8478	9061	8936	8825	3.48	cps
Molybdenum	95-1	9645	10954	10379	10326	6.35	cps
Molybdenum	96-1	11380	11296	11288	11321	0.45	cps
Molybdenum	97-1	6252	6268	5918	6146	3.21	cps
Molybdenum	98-1	16935	16702	15859	16499	3.43	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1180	953	1013	1049	11.20	cps
Phosphorus	31-2	1733	1742	1542	1672	6.77	cps
Potassium	39-2	142741	140084	145039	142621	1.74	cps
Rhodium	103-1	6993521	6905616	6878554	6925897	0.87	cps
Rhodium	103-2	4288076	4418464	4435307	4380616	1.84	cps
Scandium	45-1	5060282	5052041	4928123	5013482	1.48	cps
Scandium	45-2	471435	486810	492396	483547	2.24	cps
Selenium	82-1	1139	994	838	990	15.18	cps
Selenium	77-2	87	117	97	100	15.27	cps
Selenium	78-2	639	535	509	561	12.23	cps
Silicon	28-1	341122	339402	339210	339911	0.31	cps
Silver	107-1	7010	6877	6902	6930	1.02	cps
Silver	109-1	6768	6627	6302	6566	3.65	cps
Sodium	23-2	108422	107087	108053	107854	0.64	cps
Strontium	86-1	4876	4426	5218	4840	8.21	cps
Strontium	88-1	15067	14341	14199	14535	3.20	cps
Sulfur	34-1	580372	582928	584603	582634	0.37	cps
Terbium	159-1	9139066	9023065	9071870	9078000	0.64	cps
Terbium	159-2	6039245	6598548	6565541	6401111	4.90	cps
Thallium	203-1	3734	3934	3684	3784	3.50	cps
Thallium	205-1	9504	8670	9187	9120	4.62	cps
Thorium	232-1	10354	11200	10794	10783	3.92	cps
Tin	118-1	4259	3909	4051	4073	4.32	cps
Titanium	47-1	3275	2684	3059	3006	9.96	cps
Uranium	238-1	9999	10066	9627	9897	2.39	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:05:43	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2147	2097	2250	2165	3.61	cps
Yttrium	89-1	12949200	12758614	12752337	12820050	0.87	cps
Yttrium	89-2	3484952	3608690	3625303	3572982	2.15	cps
Zinc	66-2	1657	1660	1793	1703	4.58	cps
Zirconium	91-1	1675	1967	1692	1778	9.21	cps
Zirconium	90-1	7694	8461	8628	8261	6.03	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-03 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:09:16 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1408	1283	1275	1322	5.65	cps
Antimony	121-1	1567	1775	1892	1745	9.44	cps
Arsenic	75-2	113	130	146	130	12.86	cps
Barium	135-1	1884	1733	1925	1847	5.46	cps
Barium	137-1	3350	3300	3351	3334	0.87	cps
Beryllium	9-1	400	428	400	409	3.92	cps
Bismuth	209-1	4711074	4640775	4688292	4680047	0.77	cps
Bismuth	209-2	3759122	3829747	3710749	3766540	1.59	cps
Boron	11-1	3284	3309	2984	3192	5.67	cps
Boron	10-1	842	758	700	767	9.29	cps
Bromine	81-1	4092	3842	3926	3953	3.22	cps
Bromine	81-2	100	90	50	80	33.07	cps
Cadmium	106-1	9820	9603	10045	9823	2.25	cps
Cadmium	108-1	54	121	71	82	42.34	cps
Cadmium	111-1	742	721	779	747	3.96	cps
Calcium	43-1	1033	992	958	995	3.78	cps
Calcium	44-1	24890	26292	25883	25688	2.81	cps
Chromium	52-2	2104	2023	2020	2049	2.30	cps
Cobalt	59-2	1423	1423	1457	1435	1.34	cps
Copper	63-2	4521	4764	4474	4586	3.40	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	10	40	23	24	61.49	cps
Gadolinium	160-1	83	92	75	83	10.00	cps
Gadolinium	160-2	100	110	97	102	6.79	cps
Holmium	165-1	8816798	8680749	8603617	8700388	1.24	cps
Holmium	165-2	6043048	6105544	5937124	6028572	1.41	cps
Indium	115-1	6985216	6887192	6966590	6946333	0.75	cps
Indium	115-2	2531031	2591003	2510078	2544037	1.65	cps
Iron	56-2	49160	48407	47393	48320	1.84	cps
Iron	57-2	1295	1495	1178	1322	12.11	cps
Iron	54-2	3855	3925	4335	4038	6.43	cps
Krypton	83-1	1923	2077	1973	1991	3.93	cps
Lead	206-1	1717	1911	1978	1869	7.26	cps
Lead	207-1	1561	1583	1772	1639	7.08	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:09:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7212	7112	7495	7273	2.73	cps
Lithium	6-1	1844916	1823605	1826499	1831673	0.63	cps
Magnesium	24-2	8428	8878	8461	8589	2.92	cps
Manganese	55-2	1437	1297	1170	1301	10.25	cps
Molybdenum	94-1	3309	3067	3184	3187	3.79	cps
Molybdenum	95-1	3434	3676	3751	3620	4.57	cps
Molybdenum	96-1	4034	4151	4034	4073	1.65	cps
Molybdenum	97-1	2250	2067	1942	2086	7.43	cps
Molybdenum	98-1	5926	5585	5835	5782	3.06	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	437	403	413	418	4.10	cps
Phosphorus	31-2	1850	1833	1934	1872	2.86	cps
Potassium	39-2	130521	130825	129772	130373	0.42	cps
Rhodium	103-1	6958938	6773732	6856875	6863181	1.35	cps
Rhodium	103-2	4251959	4352318	4264196	4289491	1.28	cps
Scandium	45-1	5023584	4952026	4898737	4958115	1.26	cps
Scandium	45-2	473695	479217	467053	473322	1.29	cps
Selenium	82-1	332	85	195	204	60.73	cps
Selenium	77-2	33	23	23	27	21.65	cps
Selenium	78-2	285	291	278	285	2.29	cps
Silicon	28-1	342877	344618	344698	344065	0.30	cps
Silver	107-1	2234	2267	2259	2253	0.77	cps
Silver	109-1	2267	2209	2384	2286	3.90	cps
Sodium	23-2	76377	78421	76595	77131	1.46	cps
Strontium	86-1	3742	3717	3942	3801	3.25	cps
Strontium	88-1	5051	5251	5284	5196	2.43	cps
Sulfur	34-1	590164	585542	592601	589436	0.61	cps
Terbium	159-1	9081123	8825567	8997801	8968164	1.45	cps
Terbium	159-2	6064558	6153432	6023252	6080414	1.09	cps
Thallium	203-1	1625	1433	1608	1556	6.83	cps
Thallium	205-1	3309	3534	3834	3559	7.40	cps
Thorium	232-1	3656	4040	4023	3906	5.55	cps
Tin	118-1	1625	1592	1758	1658	5.32	cps
Titanium	47-1	1133	1167	1033	1111	6.24	cps
Uranium	238-1	3889	3872	3754	3838	1.92	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:09:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	827	810	727	788	6.80	cps
Yttrium	89-1	12807145	12621954	12576439	12668512	0.96	cps
Yttrium	89-2	3462877	3527803	3443942	3478208	1.26	cps
Zinc	66-2	1067	963	1053	1028	5.47	cps
Zirconium	91-1	658	808	600	689	15.60	cps
Zirconium	90-1	3242	3167	3050	3153	3.06	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:12:50 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2959	2700	2784	2814	4.69	cps
Antimony	121-1	5134	5343	5109	5196	2.47	cps
Arsenic	75-2	335	372	304	337	10.18	cps
Barium	135-1	5351	5284	5259	5298	0.89	cps
Barium	137-1	9128	9070	9387	9195	1.83	cps
Beryllium	9-1	961	1067	1017	1015	5.20	cps
Bismuth	209-1	4689338	4593660	4653476	4645491	1.04	cps
Bismuth	209-2	3804035	3767551	3831521	3801036	0.84	cps
Boron	11-1	1375	1758	1725	1620	13.11	cps
Boron	10-1	358	317	542	406	29.52	cps
Bromine	81-1	4092	4117	4126	4112	0.42	cps
Bromine	81-2	140	60	90	97	41.81	cps
Cadmium	106-1	9829	9837	10146	9937	1.82	cps
Cadmium	108-1	142	129	138	136	4.68	cps
Cadmium	111-1	1552	1365	1586	1501	7.93	cps
Calcium	43-1	1934	1934	2425	2097	13.54	cps
Calcium	44-1	42195	41852	41945	41997	0.42	cps
Chromium	52-2	3967	3827	3777	3857	2.55	cps
Cobalt	59-2	3827	3794	3837	3819	0.59	cps
Copper	63-2	7715	7642	7392	7583	2.24	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	43	30	23	32	31.61	cps
Gadolinium	160-1	42	75	75	64	30.12	cps
Gadolinium	160-2	93	87	113	98	14.19	cps
Holmium	165-1	8742236	8565600	8716429	8674755	1.10	cps
Holmium	165-2	6148954	6097325	6467414	6237898	3.21	cps
Indium	115-1	6945461	6885345	6927903	6919570	0.45	cps
Indium	115-2	2563044	2592875	2579852	2578590	0.58	cps
Iron	56-2	124885	122153	123059	123366	1.13	cps
Iron	57-2	3489	3223	3184	3299	5.04	cps
Iron	54-2	8431	7960	7800	8064	4.07	cps
Krypton	83-1	1880	2104	2137	2040	6.84	cps
Lead	206-1	3767	3656	3706	3710	1.50	cps
Lead	207-1	3506	3128	3017	3217	7.97	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:12:50 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14748	14615	14226	14529	1.87	cps
Lithium	6-1	1837155	1833707	1832697	1834520	0.13	cps
Magnesium	24-2	22058	23135	22551	22581	2.39	cps
Manganese	55-2	3784	3697	3721	3734	1.20	cps
Molybdenum	94-1	8611	8820	8419	8617	2.32	cps
Molybdenum	95-1	10262	9578	10179	10006	3.73	cps
Molybdenum	96-1	12005	11255	11547	11602	3.26	cps
Molybdenum	97-1	5843	6710	6360	6304	6.92	cps
Molybdenum	98-1	15042	16068	16652	15920	5.12	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	1113	933	960	1002	9.69	cps
Phosphorus	31-2	1809	2067	1308	1728	22.31	cps
Potassium	39-2	139444	140380	139032	139618	0.49	cps
Rhodium	103-1	6903404	6813351	6883390	6866715	0.69	cps
Rhodium	103-2	4334754	4379046	4374283	4362694	0.56	cps
Scandium	45-1	5088745	5006763	5030446	5041985	0.84	cps
Scandium	45-2	485323	483428	483959	484237	0.20	cps
Selenium	82-1	989	733	866	863	14.88	cps
Selenium	77-2	110	113	103	109	4.68	cps
Selenium	78-2	567	535	598	567	5.56	cps
Silicon	28-1	343671	344293	343201	343722	0.16	cps
Silver	107-1	6502	6877	7119	6832	4.55	cps
Silver	109-1	6393	6160	6718	6424	4.37	cps
Sodium	23-2	97146	100593	99797	99179	1.82	cps
Strontium	86-1	4601	4843	4493	4645	3.86	cps
Strontium	88-1	14491	15075	14332	14633	2.67	cps
Sulfur	34-1	596941	594582	596432	595985	0.21	cps
Terbium	159-1	9063408	8851752	8858762	8924641	1.35	cps
Terbium	159-2	6211245	6475898	6241424	6309522	2.30	cps
Thallium	203-1	3817	3826	3851	3831	0.45	cps
Thallium	205-1	8745	9312	8970	9009	3.17	cps
Thorium	232-1	10577	10527	10694	10599	0.81	cps
Tin	118-1	3701	3601	4067	3789	6.49	cps
Titanium	47-1	3375	3017	2975	3123	7.04	cps
Uranium	238-1	9944	9569	10021	9844	2.46	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:12:50	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2154	2094	2284	2177	4.46	cps
Yttrium	89-1	12840906	12694644	12659399	12731650	0.76	cps
Yttrium	89-2	3562210	3575727	3595476	3577804	0.47	cps
Zinc	66-2	1487	1653	1640	1593	5.81	cps
Zirconium	91-1	1959	1725	1650	1778	9.05	cps
Zirconium	90-1	8027	8119	7602	7916	3.48	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:16:23 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1350	1367	1125	1281	10.54	cps
Antimony	121-1	1742	1892	1884	1839	4.58	cps
Arsenic	75-2	126	170	111	136	22.71	cps
Barium	135-1	2000	1758	1817	1859	6.79	cps
Barium	137-1	3067	3467	2950	3162	8.57	cps
Beryllium	9-1	422	461	394	426	7.86	cps
Bismuth	209-1	4590838	4692567	4645242	4642882	1.10	cps
Bismuth	209-2	3772631	3797378	3793822	3787944	0.35	cps
Boron	11-1	3000	3217	3300	3173	4.88	cps
Boron	10-1	750	758	600	703	12.68	cps
Bromine	81-1	4176	4076	4084	4112	1.35	cps
Bromine	81-2	120	100	90	103	14.79	cps
Cadmium	106-1	9954	9829	9612	9798	1.77	cps
Cadmium	108-1	96	71	79	82	15.53	cps
Cadmium	111-1	709	693	651	684	4.40	cps
Calcium	43-1	1075	992	908	992	8.40	cps
Calcium	44-1	25866	25165	26392	25808	2.39	cps
Chromium	52-2	2114	2107	2074	2098	1.02	cps
Cobalt	59-2	1370	1510	1347	1409	6.27	cps
Copper	63-2	4531	4364	4547	4481	2.26	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Erbium	164-1	25	67	58	50	44.10	cps
Erbium	164-2	30	20	23	24	20.83	cps
Gadolinium	160-1	75	17	75	56	60.62	cps
Gadolinium	160-2	80	93	100	91	11.18	cps
Holmium	165-1	8653388	8786965	8664641	8701665	0.85	cps
Holmium	165-2	6135113	6148381	6132881	6138791	0.14	cps
Indium	115-1	6954919	7031108	7044648	7010225	0.69	cps
Indium	115-2	2602957	2578874	2590205	2590679	0.47	cps
Iron	56-2	49718	50776	49600	50031	1.30	cps
Iron	57-2	1439	1428	1389	1419	1.85	cps
Iron	54-2	4185	4285	4365	4278	2.11	cps
Krypton	83-1	2070	1910	1783	1921	7.48	cps
Lead	206-1	1678	1867	1811	1785	5.44	cps
Lead	207-1	1428	1589	1472	1496	5.56	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:16:23 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6456	7062	6879	6799	4.57	cps
Lithium	6-1	1837183	1845329	1832388	1838300	0.36	cps
Magnesium	24-2	8686	8519	8561	8589	1.01	cps
Manganese	55-2	1340	1267	1413	1340	5.47	cps
Molybdenum	94-1	3242	3384	2984	3203	6.33	cps
Molybdenum	95-1	3626	3742	3792	3720	2.30	cps
Molybdenum	96-1	4042	4134	4443	4206	4.98	cps
Molybdenum	97-1	2342	2417	2425	2395	1.92	cps
Molybdenum	98-1	5951	6076	5951	5993	1.20	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	523	390	463	459	14.55	cps
Phosphorus	31-2	1783	1450	1825	1686	12.19	cps
Potassium	39-2	131884	130209	132674	131589	0.96	cps
Rhodium	103-1	6863155	6926309	6980724	6923396	0.85	cps
Rhodium	103-2	4359817	4338686	4395140	4364548	0.65	cps
Scandium	45-1	5008054	5064813	5125958	5066275	1.16	cps
Scandium	45-2	488978	489145	487132	488418	0.23	cps
Selenium	82-1	139	320	453	304	51.89	cps
Selenium	77-2	17	27	27	23	24.74	cps
Selenium	78-2	272	322	307	301	8.54	cps
Silicon	28-1	343005	342150	342743	342633	0.13	cps
Silver	107-1	2675	2584	2309	2523	7.57	cps
Silver	109-1	2367	2442	2575	2461	4.29	cps
Sodium	23-2	72341	71537	73203	72360	1.15	cps
Strontium	86-1	3692	3726	3634	3684	1.26	cps
Strontium	88-1	5343	5409	5168	5307	2.35	cps
Sulfur	34-1	596968	594993	595535	595832	0.17	cps
Terbium	159-1	9077500	9105809	9125253	9102854	0.26	cps
Terbium	159-2	6179356	6157461	6451080	6262632	2.61	cps
Thallium	203-1	1367	1325	1625	1439	11.30	cps
Thallium	205-1	3259	3917	3226	3467	11.25	cps
Thorium	232-1	4190	3984	3840	4004	4.39	cps
Tin	118-1	1583	1575	1608	1589	1.09	cps
Titanium	47-1	1200	1358	975	1178	16.36	cps
Uranium	238-1	3809	3789	3919	3839	1.82	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:16:23	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	753	820	723	766	6.46	cps
Yttrium	89-1	12783914	12902625	12833244	12839928	0.46	cps
Yttrium	89-2	3568878	3576760	3603666	3583102	0.51	cps
Zinc	66-2	1013	917	950	960	5.11	cps
Zirconium	91-1	675	708	625	669	6.27	cps
Zirconium	90-1	3342	3042	3167	3184	4.73	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:19:57 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2800	3109	2909	2939	5.32	cps
Antimony	121-1	4976	5618	4851	5148	7.99	cps
Arsenic	75-2	346	369	365	360	3.31	cps
Barium	135-1	5635	5335	5176	5382	4.33	cps
Barium	137-1	9337	9712	9195	9415	2.84	cps
Beryllium	9-1	933	1100	1083	1039	8.84	cps
Bismuth	209-1	4659633	4634501	4628932	4641022	0.35	cps
Bismuth	209-2	3760130	3764836	3809112	3778026	0.72	cps
Boron	11-1	1292	1408	1358	1353	4.33	cps
Boron	10-1	300	242	383	308	23.09	cps
Bromine	81-1	3709	3751	4142	3867	6.18	cps
Bromine	81-2	20	110	60	63	71.20	cps
Cadmium	106-1	9979	9662	10012	9884	1.96	cps
Cadmium	108-1	92	175	92	119	40.28	cps
Cadmium	111-1	1367	1427	1514	1436	5.15	cps
Calcium	43-1	2084	2050	1859	1997	6.08	cps
Calcium	44-1	42771	43281	41618	42557	2.00	cps
Chromium	52-2	3771	3877	3717	3788	2.15	cps
Cobalt	59-2	3847	3954	3961	3921	1.62	cps
Copper	63-2	7749	7942	7695	7795	1.67	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	50	27	27	34	39.10	cps
Gadolinium	160-1	108	58	50	72	43.68	cps
Gadolinium	160-2	107	110	117	111	4.58	cps
Holmium	165-1	8655678	8745590	8669872	8690380	0.56	cps
Holmium	165-2	6171328	6141901	6149532	6154254	0.25	cps
Indium	115-1	6978153	7081939	6957143	7005745	0.95	cps
Indium	115-2	2628446	2606087	2628659	2621064	0.49	cps
Iron	56-2	125425	123737	124612	124591	0.68	cps
Iron	57-2	3295	3045	3317	3219	4.70	cps
Iron	54-2	8651	8441	8121	8404	3.18	cps
Krypton	83-1	1890	2087	1913	1963	5.47	cps
Lead	206-1	3634	3695	3528	3619	2.33	cps
Lead	207-1	3234	3384	2934	3184	7.20	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:19:57 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14470	14681	13920	14357	2.74	cps
Lithium	6-1	1820634	1820745	1839311	1826897	0.59	cps
Magnesium	24-2	23344	23594	23886	23608	1.15	cps
Manganese	55-2	3691	3801	3484	3658	4.40	cps
Molybdenum	94-1	8820	8870	8603	8764	1.62	cps
Molybdenum	95-1	10496	10112	10129	10246	2.12	cps
Molybdenum	96-1	11463	11405	11196	11355	1.24	cps
Molybdenum	97-1	6377	6543	6135	6352	3.23	cps
Molybdenum	98-1	16043	16377	16109	16176	1.09	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1173	1270	1043	1162	9.79	cps
Phosphorus	31-2	1692	1750	1633	1692	3.45	cps
Potassium	39-2	139908	142867	138955	140577	1.45	cps
Rhodium	103-1	7016726	6988901	6972854	6992827	0.32	cps
Rhodium	103-2	4391072	4403782	4431946	4408933	0.47	cps
Scandium	45-1	5083348	5086280	5038084	5069237	0.53	cps
Scandium	45-2	489194	490675	489572	489814	0.16	cps
Selenium	82-1	1089	886	970	982	10.39	cps
Selenium	77-2	90	90	107	96	10.07	cps
Selenium	78-2	613	624	606	614	1.52	cps
Silicon	28-1	349679	348331	347284	348431	0.34	cps
Silver	107-1	7169	6969	7310	7149	2.40	cps
Silver	109-1	6410	6393	6210	6338	1.75	cps
Sodium	23-2	95738	98168	95770	96559	1.44	cps
Strontium	86-1	4584	4826	4784	4731	2.73	cps
Strontium	88-1	14307	14474	15133	14638	2.98	cps
Sulfur	34-1	603006	596755	596901	598887	0.60	cps
Terbium	159-1	9010251	9021772	8996660	9009561	0.14	cps
Terbium	159-2	6425376	6242286	6635499	6434387	3.06	cps
Thallium	203-1	3892	3934	4201	4009	4.17	cps
Thallium	205-1	7969	8620	8728	8439	4.86	cps
Thorium	232-1	10571	10065	10766	10467	3.45	cps
Tin	118-1	3784	3992	4192	3990	5.12	cps
Titanium	47-1	3042	2892	3100	3012	3.57	cps
Uranium	238-1	9917	9974	9684	9858	1.56	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:19:57	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2314	2377	2274	2321	2.24	cps
Yttrium	89-1	13123028	13052392	12935539	13036986	0.73	cps
Yttrium	89-2	3584788	3607310	3659282	3617126	1.06	cps
Zinc	66-2	1687	1720	1583	1663	4.28	cps
Zirconium	91-1	1867	1925	1992	1928	3.25	cps
Zirconium	90-1	8311	8128	8436	8292	1.87	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:23:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267	1475	1600	1447	11.64	cps
Antimony	121-1	1934	1800	1725	1820	5.80	cps
Arsenic	75-2	119	131	109	120	9.32	cps
Barium	135-1	1950	2067	1967	1995	3.16	cps
Barium	137-1	3275	3292	3459	3342	3.03	cps
Beryllium	9-1	417	383	400	400	4.17	cps
Bismuth	209-1	4705343	4676088	4682625	4688019	0.33	cps
Bismuth	209-2	3776127	3773436	3813070	3787544	0.58	cps
Boron	11-1	2775	2925	3059	2920	4.86	cps
Boron	10-1	567	467	567	533	10.82	cps
Bromine	81-1	3692	4192	3726	3870	7.23	cps
Bromine	81-2	130	60	110	100	36.06	cps
Cadmium	106-1	9820	9879	10137	9945	1.70	cps
Cadmium	108-1	75	54	58	63	17.64	cps
Cadmium	111-1	748	635	771	718	10.08	cps
Calcium	43-1	1067	967	908	981	8.17	cps
Calcium	44-1	27126	27368	25699	26731	3.37	cps
Chromium	52-2	2130	2214	2120	2155	2.38	cps
Cobalt	59-2	1340	1380	1397	1372	2.12	cps
Copper	63-2	4534	4727	4657	4640	2.11	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Dysprosium	156-1	17	50	0	22	114.56	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	23	27	33	28	18.33	cps
Gadolinium	160-1	75	67	67	69	6.93	cps
Gadolinium	160-2	113	90	67	90	25.93	cps
Holmium	165-1	8822045	8786758	8946347	8851717	0.95	cps
Holmium	165-2	6208356	6207472	6244456	6220095	0.34	cps
Indium	115-1	7161967	7149134	7112950	7141350	0.36	cps
Indium	115-2	2609189	2646087	2636302	2630526	0.73	cps
Iron	56-2	50336	51339	50832	50836	0.99	cps
Iron	57-2	1456	1456	1495	1469	1.53	cps
Iron	54-2	4345	4185	3854	4128	6.06	cps
Krypton	83-1	1967	2024	2040	2010	1.91	cps
Lead	206-1	1550	1789	1745	1695	7.50	cps
Lead	207-1	1550	1478	1450	1493	3.46	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : L4214-09RE Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:23:31 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6579	6834	6923	6779	2.64	cps
Lithium	6-1	1847419	1810680	1836382	1831494	1.03	cps
Magnesium	24-2	8861	8628	8845	8778	1.48	cps
Manganese	55-2	1320	1417	1377	1371	3.54	cps
Molybdenum	94-1	3084	3350	2909	3114	7.14	cps
Molybdenum	95-1	3492	3784	3400	3559	5.63	cps
Molybdenum	96-1	4226	4084	4126	4145	1.76	cps
Molybdenum	97-1	2359	2325	2050	2245	7.54	cps
Molybdenum	98-1	6051	5710	5751	5837	3.19	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	333	417	350	367	12.03	cps
Phosphorus	31-2	1725	1717	1692	1711	1.01	cps
Potassium	39-2	133137	131060	130388	131528	1.09	cps
Rhodium	103-1	7042312	7040901	7123517	7068910	0.67	cps
Rhodium	103-2	4371104	4467656	4469231	4435997	1.27	cps
Scandium	45-1	5122263	5067235	5105550	5098349	0.55	cps
Scandium	45-2	498000	497718	497865	497861	0.03	cps
Selenium	82-1	244	195	214	218	11.40	cps
Selenium	77-2	37	23	40	33	26.47	cps
Selenium	78-2	304	278	274	285	5.66	cps
Silicon	28-1	344253	347523	346772	346183	0.49	cps
Silver	107-1	2534	2200	2125	2286	9.51	cps
Silver	109-1	1850	2092	2225	2056	9.25	cps
Sodium	23-2	68096	68104	69603	68601	1.26	cps
Strontium	86-1	3642	3367	3976	3662	8.32	cps
Strontium	88-1	5426	5109	5460	5332	3.62	cps
Sulfur	34-1	600139	599190	595922	598417	0.37	cps
Terbium	159-1	9193163	9088643	9121705	9134504	0.58	cps
Terbium	159-2	6232298	6281172	6634026	6382499	3.43	cps
Thallium	203-1	1558	1317	1475	1450	8.47	cps
Thallium	205-1	3309	3084	3159	3184	3.60	cps
Thorium	232-1	3845	4017	3967	3943	2.25	cps
Tin	118-1	1733	1550	1625	1636	5.63	cps
Titanium	47-1	1317	1200	1208	1242	5.24	cps
Uranium	238-1	3607	3564	3849	3673	4.18	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:23:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	787	873	813	824	5.38	cps
Yttrium	89-1	13067601	13014669	13101983	13061418	0.34	cps
Yttrium	89-2	3624519	3664942	3679785	3656415	0.78	cps
Zinc	66-2	973	947	977	966	1.70	cps
Zirconium	91-1	842	692	817	783	10.26	cps
Zirconium	90-1	3459	3167	3451	3359	4.94	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133475BL Instrumnet Name : P7
 Client Sample ID : PB133475BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:27:04 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	558	342	497	27.30	cps
Antimony	121-1	50	83	75	69	24.98	cps
Arsenic	75-2	7	11	13	10	26.93	cps
Barium	135-1	17	8	25	17	50.01	cps
Barium	137-1	25	0	33	19	89.21	cps
Beryllium	9-1	33	44	56	44	25.01	cps
Bismuth	209-1	4639702	4633620	4612142	4628488	0.31	cps
Bismuth	209-2	3819127	3753930	3774918	3782658	0.88	cps
Boron	11-1	533	692	717	647	15.36	cps
Boron	10-1	117	133	167	139	18.33	cps
Bromine	81-1	4051	4476	3759	4095	8.80	cps
Bromine	81-2	70	90	90	83	13.86	cps
Cadmium	106-1	9720	9595	9345	9553	2.00	cps
Cadmium	108-1	21	38	42	33	33.08	cps
Cadmium	111-1	316	308	297	307	3.12	cps
Calcium	43-1	425	525	542	497	12.69	cps
Calcium	44-1	17244	18020	18120	17795	2.70	cps
Chromium	52-2	1227	1320	1220	1256	4.45	cps
Cobalt	59-2	70	90	77	79	12.91	cps
Copper	63-2	2634	2484	2407	2508	4.60	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	33	67	42	47	36.74	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	50	67	100	72	35.25	cps
Gadolinium	160-2	57	130	93	93	39.28	cps
Holmium	165-1	8773311	8767995	8785536	8775614	0.10	cps
Holmium	165-2	6229748	6162420	6180081	6190750	0.56	cps
Indium	115-1	7134617	7023668	7103677	7087321	0.81	cps
Indium	115-2	2650774	2646759	2641180	2646238	0.18	cps
Iron	56-2	9259	8975	9231	9155	1.71	cps
Iron	57-2	483	439	350	424	16.01	cps
Iron	54-2	1942	1842	1912	1899	2.71	cps
Krypton	83-1	1970	2150	1887	2002	6.72	cps
Lead	206-1	628	689	594	637	7.52	cps
Lead	207-1	600	611	633	615	2.76	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BL	Instrumnet Name :	P7
Client Sample ID :	PB133475BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:27:04	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2717	2617	2678	2671	1.89	cps
Lithium	6-1	1823831	1817441	1816275	1819183	0.22	cps
Magnesium	24-2	383	392	417	397	4.37	cps
Manganese	55-2	130	113	83	109	21.72	cps
Molybdenum	94-1	175	183	225	194	13.78	cps
Molybdenum	95-1	42	50	25	39	32.73	cps
Molybdenum	96-1	67	117	75	86	31.11	cps
Molybdenum	97-1	42	0	42	28	86.60	cps
Molybdenum	98-1	50	67	42	53	24.12	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	43	60	67	57	21.21	cps
Phosphorus	31-2	1533	1725	1483	1581	8.07	cps
Potassium	39-2	131224	127079	126501	128268	2.01	cps
Rhodium	103-1	7063759	7019841	7030284	7037961	0.33	cps
Rhodium	103-2	4434830	4461796	4430230	4442285	0.38	cps
Scandium	45-1	5204762	5158434	5140366	5167854	0.64	cps
Scandium	45-2	504988	496650	497736	499791	0.91	cps
Selenium	82-1	14	-114	-8	-36	-190.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	204	219	226	216	5.24	cps
Silicon	28-1	344426	346116	344053	344865	0.32	cps
Silver	107-1	108	117	92	106	12.06	cps
Silver	109-1	83	83	42	69	34.64	cps
Sodium	23-2	53495	54357	52893	53582	1.37	cps
Strontium	86-1	3175	3134	3509	3273	6.28	cps
Strontium	88-1	133	100	50	94	44.41	cps
Sulfur	34-1	600206	599388	603365	600986	0.35	cps
Terbium	159-1	9148256	9083080	9130036	9120457	0.37	cps
Terbium	159-2	6259277	6645398	6623010	6509228	3.33	cps
Thallium	203-1	75	67	92	78	16.37	cps
Thallium	205-1	233	242	175	217	16.76	cps
Thorium	232-1	178	133	100	137	28.47	cps
Tin	118-1	233	417	233	294	35.95	cps
Titanium	47-1	100	183	125	136	31.42	cps
Uranium	238-1	87	80	125	97	24.98	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BL	Instrumnet Name :	P7
Client Sample ID :	PB133475BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:27:04	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	17	10	10	66.70	cps
Yttrium	89-1	13068433	13064341	13108454	13080409	0.19	cps
Yttrium	89-2	3660250	3665352	3676252	3667285	0.22	cps
Zinc	66-2	527	650	610	596	10.57	cps
Zirconium	91-1	100	92	67	86	20.14	cps
Zirconium	90-1	542	583	542	556	4.33	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133477BL Instrumnet Name : P7
 Client Sample ID : PB133477BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:30:39 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	542	558	575	7.67	cps
Antimony	121-1	92	92	117	100	14.43	cps
Arsenic	75-2	9	6	11	9	32.69	cps
Barium	135-1	17	0	8	8	100.02	cps
Barium	137-1	0	8	17	8	100.02	cps
Beryllium	9-1	67	61	33	54	33.26	cps
Bismuth	209-1	4623490	4629049	4613159	4621899	0.17	cps
Bismuth	209-2	3923917	3729448	3716055	3789807	3.07	cps
Boron	11-1	533	592	600	575	6.32	cps
Boron	10-1	150	117	117	128	15.06	cps
Bromine	81-1	3984	3767	3817	3856	2.94	cps
Bromine	81-2	70	70	20	53	54.13	cps
Cadmium	106-1	9528	10196	9879	9868	3.38	cps
Cadmium	108-1	33	50	33	39	24.75	cps
Cadmium	111-1	305	312	317	311	1.92	cps
Calcium	43-1	367	417	367	383	7.53	cps
Calcium	44-1	18379	17845	17761	17995	1.86	cps
Chromium	52-2	1273	1137	1263	1225	6.22	cps
Cobalt	59-2	113	80	80	91	21.12	cps
Copper	63-2	2450	2227	2444	2374	5.35	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Erbium	164-1	33	42	58	44	28.64	cps
Erbium	164-2	27	47	23	32	39.17	cps
Gadolinium	160-1	50	58	117	75	48.44	cps
Gadolinium	160-2	107	127	103	112	11.25	cps
Holmium	165-1	8773593	8857796	8719026	8783472	0.80	cps
Holmium	165-2	6801696	6139541	6077874	6339704	6.33	cps
Indium	115-1	7184764	7107437	7132300	7141500	0.55	cps
Indium	115-2	2751035	2609850	2598855	2653247	3.20	cps
Iron	56-2	8842	8725	8942	8836	1.23	cps
Iron	57-2	467	444	406	439	7.05	cps
Iron	54-2	2082	2032	1842	1986	6.38	cps
Krypton	83-1	1977	2054	1973	2001	2.26	cps
Lead	206-1	667	606	694	656	6.94	cps
Lead	207-1	483	572	483	513	10.01	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BL	Instrumnet Name :	P7
Client Sample ID :	PB133477BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:30:39	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2333	2617	2511	2487	5.76	cps
Lithium	6-1	1823531	1821196	1808246	1817658	0.45	cps
Magnesium	24-2	283	358	358	333	12.99	cps
Manganese	55-2	93	93	87	91	4.22	cps
Molybdenum	94-1	175	117	150	147	19.88	cps
Molybdenum	95-1	75	25	17	39	81.12	cps
Molybdenum	96-1	50	58	108	72	43.68	cps
Molybdenum	97-1	33	42	17	31	41.66	cps
Molybdenum	98-1	58	75	25	53	48.24	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	50	30	70	50	40.00	cps
Phosphorus	31-2	1700	1292	1558	1517	13.67	cps
Potassium	39-2	123416	124408	127870	125231	1.87	cps
Rhodium	103-1	6996928	7186217	7122457	7101867	1.36	cps
Rhodium	103-2	4613302	4428608	4347770	4463227	3.05	cps
Scandium	45-1	5176653	5194267	5210847	5193923	0.33	cps
Scandium	45-2	515915	499079	493244	502746	2.34	cps
Selenium	82-1	27	-72	-2	-16	-327.60	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	204	233	226	221	6.98	cps
Silicon	28-1	346591	344632	344417	345213	0.35	cps
Silver	107-1	125	33	100	86	55.03	cps
Silver	109-1	42	42	33	39	12.38	cps
Sodium	23-2	51028	51739	52567	51778	1.49	cps
Strontium	86-1	3092	3300	3200	3198	3.26	cps
Strontium	88-1	58	58	50	56	8.66	cps
Sulfur	34-1	601033	604491	599592	601705	0.42	cps
Terbium	159-1	9061310	9127569	9130295	9106391	0.43	cps
Terbium	159-2	6896731	6535756	6127417	6519968	5.90	cps
Thallium	203-1	92	92	100	94	5.09	cps
Thallium	205-1	217	167	192	192	13.04	cps
Thorium	232-1	172	144	128	148	15.16	cps
Tin	118-1	267	283	333	294	11.78	cps
Titanium	47-1	83	158	150	131	31.49	cps
Uranium	238-1	90	78	70	79	12.65	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BL	Instrumnet Name :	P7
Client Sample ID :	PB133477BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:30:39	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	13	13	11	34.61	cps
Yttrium	89-1	13191366	13296791	13313957	13267372	0.50	cps
Yttrium	89-2	3831532	3648946	3577905	3686128	3.55	cps
Zinc	66-2	540	587	550	559	4.40	cps
Zirconium	91-1	150	92	75	106	37.31	cps
Zirconium	90-1	650	542	558	583	10.00	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BS	Instrumnet Name :	P7
Client Sample ID :	PB133475BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:34:12	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1638495	1633270	1643014	1638260	0.30	cps
Antimony	121-1	3698983	3689397	3679833	3689404	0.26	cps
Arsenic	75-2	255634	252420	252622	253559	0.71	cps
Barium	135-1	4072306	4023715	4033832	4043284	0.63	cps
Barium	137-1	7289911	7212467	7254669	7252349	0.53	cps
Beryllium	9-1	746022	745318	739156	743499	0.51	cps
Bismuth	209-1	4467721	4540876	4582093	4530230	1.28	cps
Bismuth	209-2	3713061	3744164	3765402	3740876	0.70	cps
Boron	11-1	407048	415631	413878	412186	1.10	cps
Boron	10-1	83144	85809	84057	84337	1.61	cps
Bromine	81-1	3817	3459	3909	3728	6.38	cps
Bromine	81-2	40	90	40	57	50.94	cps
Cadmium	106-1	109738	111854	110939	110844	0.96	cps
Cadmium	108-1	71168	70385	70896	70817	0.56	cps
Cadmium	111-1	854732	860095	852384	855737	0.46	cps
Calcium	43-1	1159495	1152996	1145235	1152575	0.62	cps
Calcium	44-1	17280766	17352574	17210809	17281383	0.41	cps
Chromium	52-2	1931976	1900035	1910412	1914141	0.85	cps
Cobalt	59-2	2730887	2719444	2703974	2718102	0.50	cps
Copper	63-2	18487021	18433337	18315220	18411859	0.48	cps
Dysprosium	156-2	83	127	93	101	22.44	cps
Dysprosium	156-1	192	225	142	186	22.54	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	50	40	33	41	20.41	cps
Gadolinium	160-1	142	150	142	144	3.33	cps
Gadolinium	160-2	160	167	133	153	11.50	cps
Holmium	165-1	8775839	8786807	8998889	8853845	1.42	cps
Holmium	165-2	6675077	6591925	6637120	6634707	0.63	cps
Indium	115-1	6726477	6968902	6966783	6887387	2.02	cps
Indium	115-2	2539167	2540807	2547088	2542354	0.16	cps
Iron	56-2	82730927	81555910	81624246	81970361	0.80	cps
Iron	57-2	2066644	2049746	2052407	2056265	0.44	cps
Iron	54-2	4737195	4712485	4654676	4701452	0.90	cps
Krypton	83-1	1993	1923	2104	2007	4.52	cps
Lead	206-1	13263819	13193851	13076198	13177956	0.72	cps
Lead	207-1	11655633	11713361	11592881	11653958	0.52	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133475BS Instrumnet Name : P7
 Client Sample ID : PB133475BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:34:12 DataFile Name : 029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	52116404	52253297	51760129	52043277	0.49	cps
Lithium	6-1	1796570	1810280	1831094	1812648	0.96	cps
Magnesium	24-2	16090509	16040131	16030929	16053856	0.20	cps
Manganese	55-2	13301475	13220856	13200674	13241001	0.40	cps
Molybdenum	94-1	7516396	7443173	7427684	7462417	0.63	cps
Molybdenum	95-1	9092908	9036169	8941015	9023364	0.85	cps
Molybdenum	96-1	10103247	10132293	10008239	10081260	0.64	cps
Molybdenum	97-1	5708334	5714425	5649464	5690741	0.63	cps
Molybdenum	98-1	14517282	14444983	14420851	14461039	0.35	cps
Neodymium	150-1	333	247	253	278	17.36	cps
Neodymium	150-2	73	73	57	68	14.19	cps
Nickel	60-2	711160	702122	697008	703430	1.02	cps
Phosphorus	31-2	113091	112983	113268	113114	0.13	cps
Potassium	39-2	9882901	9845664	9899985	9876184	0.28	cps
Rhodium	103-1	6570124	6777409	6737201	6694911	1.64	cps
Rhodium	103-2	4251321	4231361	4265959	4249547	0.41	cps
Scandium	45-1	4998932	5055776	5046464	5033724	0.61	cps
Scandium	45-2	477436	476048	481468	478317	0.59	cps
Selenium	82-1	59188	58609	58431	58743	0.67	cps
Selenium	77-2	6191	6148	6185	6175	0.38	cps
Selenium	78-2	21427	21241	21095	21254	0.78	cps
Silicon	28-1	3950372	3989157	4012886	3984138	0.79	cps
Silver	107-1	4343544	4363361	4345158	4350688	0.25	cps
Silver	109-1	4218956	4206050	4190721	4205242	0.34	cps
Sodium	23-2	26946499	26893144	26975647	26938430	0.16	cps
Strontium	86-1	1123337	1126878	1121842	1124019	0.23	cps
Strontium	88-1	9872041	9868439	9797234	9845905	0.43	cps
Sulfur	34-1	929466	917900	906903	918090	1.23	cps
Terbium	159-1	9034756	9124048	9223668	9127491	1.04	cps
Terbium	159-2	6675072	6636079	6697822	6669657	0.47	cps
Thallium	203-1	2772517	2764325	2771937	2769593	0.17	cps
Thallium	205-1	7243736	7269437	7197519	7236897	0.50	cps
Thorium	232-1	9816806	9828405	9731746	9792319	0.54	cps
Tin	118-1	2678237	2686213	2676759	2680403	0.19	cps
Titanium	47-1	2697749	2720419	2714148	2710772	0.43	cps
Uranium	238-1	8569673	8660582	8622629	8617628	0.53	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133475BS	Instrumnet Name :	P7
Client Sample ID :	PB133475BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:34:12	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1661839	1644831	1655095	1653921	0.52	cps
Yttrium	89-1	12625100	12918357	12834304	12792587	1.18	cps
Yttrium	89-2	3591012	3557089	3578215	3575439	0.48	cps
Zinc	66-2	3423614	3401913	3415087	3413538	0.32	cps
Zirconium	91-1	1360086	1359264	1361275	1360208	0.07	cps
Zirconium	90-1	6125966	6166345	6105671	6132661	0.50	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:37:32	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7864575	7810888	7803082	7826182	0.43	cps
Antimony	121-1	3676279	3666487	3660824	3667863	0.21	cps
Arsenic	75-2	251885	253873	249194	251651	0.93	cps
Barium	135-1	4068085	4066340	3998036	4044154	0.99	cps
Barium	137-1	7280599	7235975	7173682	7230085	0.74	cps
Beryllium	9-1	754141	741738	748380	748086	0.83	cps
Bismuth	209-1	4367190	4400508	4412949	4393549	0.54	cps
Bismuth	209-2	3510153	3568256	3530496	3536301	0.83	cps
Boron	11-1	423478	425811	427547	425612	0.48	cps
Boron	10-1	86396	86354	85104	85952	0.85	cps
Bromine	81-1	3542	3726	4092	3787	7.40	cps
Bromine	81-2	40	130	30	67	82.62	cps
Cadmium	106-1	109175	108687	108873	108912	0.23	cps
Cadmium	108-1	69464	68928	68882	69092	0.47	cps
Cadmium	111-1	845790	839058	837353	840734	0.53	cps
Calcium	43-1	5324530	5321804	5275027	5307120	0.52	cps
Calcium	44-1	84461862	83202566	83880456	83848295	0.75	cps
Chromium	52-2	1930910	1929205	1924044	1928053	0.19	cps
Cobalt	59-2	2663776	2671378	2654769	2663308	0.31	cps
Copper	63-2	17804610	17762949	17524641	17697400	0.85	cps
Dysprosium	156-2	560	590	477	542	10.83	cps
Dysprosium	156-1	775	733	783	764	3.51	cps
Erbium	164-1	108	117	167	131	24.16	cps
Erbium	164-2	113	80	80	91	21.12	cps
Gadolinium	160-1	733	858	750	781	8.70	cps
Gadolinium	160-2	543	637	593	591	7.90	cps
Holmium	165-1	8798114	8737892	8824888	8786965	0.51	cps
Holmium	165-2	6095547	6167331	6110205	6124361	0.62	cps
Indium	115-1	6718728	6659310	6792784	6723607	0.99	cps
Indium	115-2	2418459	2452877	2421731	2431022	0.78	cps
Iron	56-2	396146020	395796809	393834109	395258979	0.32	cps
Iron	57-2	9813915	9864424	9732970	9803770	0.68	cps
Iron	54-2	21825614	21886953	21825873	21846146	0.16	cps
Krypton	83-1	1870	1897	1943	1903	1.95	cps
Lead	206-1	13172941	13020747	12923518	13039069	0.96	cps
Lead	207-1	11688302	11638609	11601404	11642772	0.37	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:37:32	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	51937271	51857468	51696637	51830459	0.24	cps
Lithium	6-1	1783590	1769156	1805053	1785933	1.01	cps
Magnesium	24-2	80316510	80458629	80276735	80350625	0.12	cps
Manganese	55-2	13145281	13068360	13065838	13093160	0.34	cps
Molybdenum	94-1	7615099	7524140	7454365	7531201	1.07	cps
Molybdenum	95-1	9054975	9140204	8965017	9053399	0.97	cps
Molybdenum	96-1	10155568	10201617	10146355	10167847	0.29	cps
Molybdenum	97-1	5718665	5726595	5726742	5724001	0.08	cps
Molybdenum	98-1	14603127	14500870	14261915	14455304	1.21	cps
Neodymium	150-1	287	307	220	271	16.74	cps
Neodymium	150-2	57	50	57	54	7.07	cps
Nickel	60-2	687603	686650	679200	684485	0.67	cps
Phosphorus	31-2	114696	114872	115846	115138	0.54	cps
Potassium	39-2	48198540	48404857	48038509	48213969	0.38	cps
Rhodium	103-1	6477765	6512348	6496573	6495562	0.27	cps
Rhodium	103-2	3986080	4046356	4005992	4012809	0.77	cps
Scandium	45-1	4989684	4956837	5056338	5000953	1.01	cps
Scandium	45-2	468322	472152	469210	469895	0.43	cps
Selenium	82-1	57478	57307	56921	57235	0.50	cps
Selenium	77-2	6025	6275	6138	6146	2.04	cps
Selenium	78-2	21230	20795	20246	20757	2.38	cps
Silicon	28-1	3679151	3722610	3757975	3719912	1.06	cps
Silver	107-1	4234999	4195942	4188714	4206551	0.59	cps
Silver	109-1	4018078	4052947	4012585	4027870	0.54	cps
Sodium	23-2	154729499	154831078	155370628	154977069	0.22	cps
Strontium	86-1	1144505	1125446	1128558	1132836	0.90	cps
Strontium	88-1	10051705	9821487	9815721	9896304	1.36	cps
Sulfur	34-1	874514	869959	866804	870426	0.45	cps
Terbium	159-1	9098829	9126373	9073997	9099733	0.29	cps
Terbium	159-2	6195486	6595953	6136413	6309284	3.96	cps
Thallium	203-1	2728533	2727980	2751477	2735997	0.49	cps
Thallium	205-1	7251523	7195449	7243094	7230022	0.42	cps
Thorium	232-1	10016648	10062217	10079347	10052738	0.32	cps
Tin	118-1	2642873	2631490	2637234	2637199	0.22	cps
Titanium	47-1	2695671	2700897	2696293	2697620	0.11	cps
Uranium	238-1	8776889	8862593	8835117	8824866	0.50	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:37:32	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1658150	1663569	1648308	1656676	0.47	cps
Yttrium	89-1	12823919	12701019	12663964	12729634	0.66	cps
Yttrium	89-2	3469317	3510735	3449943	3476665	0.89	cps
Zinc	66-2	3325596	3339666	3274132	3313131	1.04	cps
Zirconium	91-1	1377683	1364536	1349699	1363973	1.03	cps
Zirconium	90-1	6265540	6157688	6142319	6188516	1.09	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:47:54	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	983	975	997	3.16	cps
Antimony	121-1	475	533	658	556	16.86	cps
Arsenic	75-2	19	28	26	24	20.35	cps
Barium	135-1	200	233	250	228	11.18	cps
Barium	137-1	383	325	283	331	15.20	cps
Beryllium	9-1	117	106	106	109	5.87	cps
Bismuth	209-1	4588545	4600975	4637240	4608920	0.55	cps
Bismuth	209-2	3711872	3800821	3756187	3756293	1.18	cps
Boron	11-1	2975	3334	3192	3167	5.70	cps
Boron	10-1	733	567	667	656	12.80	cps
Bromine	81-1	3767	3909	3717	3798	2.62	cps
Bromine	81-2	60	50	10	40	66.14	cps
Cadmium	106-1	9337	9704	9128	9389	3.10	cps
Cadmium	108-1	42	42	33	39	12.38	cps
Cadmium	111-1	367	388	320	359	9.70	cps
Calcium	43-1	492	508	708	569	21.17	cps
Calcium	44-1	20824	21033	22452	21436	4.13	cps
Chromium	52-2	1403	1347	1287	1346	4.34	cps
Cobalt	59-2	213	233	273	240	12.73	cps
Copper	63-2	3537	3364	3604	3502	3.54	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Erbium	164-1	58	33	67	53	32.87	cps
Erbium	164-2	23	13	27	21	32.88	cps
Gadolinium	160-1	67	58	100	75	29.39	cps
Gadolinium	160-2	93	107	93	98	7.88	cps
Holmium	165-1	8671372	8720779	8804331	8732161	0.77	cps
Holmium	165-2	6005502	6589828	6119357	6238229	4.97	cps
Indium	115-1	6916753	6917062	6985893	6939903	0.57	cps
Indium	115-2	2522844	2593398	2574121	2563454	1.42	cps
Iron	56-2	28700	30114	30599	29804	3.31	cps
Iron	57-2	1045	928	1117	1030	9.26	cps
Iron	54-2	2843	2663	2873	2793	4.07	cps
Krypton	83-1	2147	1990	1853	1997	7.35	cps
Lead	206-1	2334	2517	2517	2456	4.31	cps
Lead	207-1	2056	2100	2172	2109	2.79	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:47:54	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9735	9702	9663	9700	0.37	cps
Lithium	6-1	1829182	1828879	1844679	1834247	0.49	cps
Magnesium	24-2	4976	4868	4584	4809	4.21	cps
Manganese	55-2	860	957	907	908	5.33	cps
Molybdenum	94-1	625	742	700	689	8.58	cps
Molybdenum	95-1	625	567	567	586	5.75	cps
Molybdenum	96-1	725	592	858	725	18.39	cps
Molybdenum	97-1	383	333	400	372	9.32	cps
Molybdenum	98-1	1108	975	1083	1056	6.71	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	97	120	104	12.90	cps
Phosphorus	31-2	1575	1500	1625	1567	4.02	cps
Potassium	39-2	130097	128768	129842	129569	0.54	cps
Rhodium	103-1	6902053	6856541	6977194	6911929	0.88	cps
Rhodium	103-2	4259227	4346530	4316700	4307486	1.03	cps
Scandium	45-1	4987986	5013341	5068685	5023337	0.82	cps
Scandium	45-2	469881	484294	474913	476363	1.54	cps
Selenium	82-1	-137	-69	110	-32	-396.88	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	239	180	219	212	14.18	cps
Silicon	28-1	332192	333554	328974	331573	0.71	cps
Silver	107-1	450	325	508	428	21.90	cps
Silver	109-1	450	500	350	433	17.63	cps
Sodium	23-2	85350	84169	83104	84208	1.33	cps
Strontium	86-1	3025	3142	3067	3078	1.92	cps
Strontium	88-1	675	542	542	586	13.14	cps
Sulfur	34-1	554501	557424	561427	557784	0.62	cps
Terbium	159-1	9123494	9052277	8788634	8988135	1.96	cps
Terbium	159-2	6477286	6581170	6160301	6406252	3.42	cps
Thallium	203-1	358	267	275	300	16.90	cps
Thallium	205-1	925	742	833	833	11.00	cps
Thorium	232-1	767	867	967	867	11.54	cps
Tin	118-1	583	508	483	525	9.91	cps
Titanium	47-1	283	250	250	261	7.37	cps
Uranium	238-1	798	682	700	727	8.63	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:47:54	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90	133	90	104	23.96	cps
Yttrium	89-1	12710751	12647091	12854224	12737356	0.83	cps
Yttrium	89-2	3478420	3564330	3556739	3533163	1.35	cps
Zinc	66-2	1003	963	943	970	3.15	cps
Zirconium	91-1	200	225	142	189	22.64	cps
Zirconium	90-1	1017	1008	875	967	8.22	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BL	Instrumnet Name :	P7
Client Sample ID :	PB133479BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:51:27	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	733	625	664	9.08	cps
Antimony	121-1	233	250	267	250	6.67	cps
Arsenic	75-2	20	19	28	22	22.05	cps
Barium	135-1	100	108	117	108	7.69	cps
Barium	137-1	158	183	167	169	7.51	cps
Beryllium	9-1	139	111	111	120	13.32	cps
Bismuth	209-1	4601004	4590610	4617314	4602976	0.29	cps
Bismuth	209-2	3789454	3749490	3756649	3765198	0.57	cps
Boron	11-1	2267	2092	2059	2139	5.23	cps
Boron	10-1	500	442	425	456	8.64	cps
Bromine	81-1	3867	3684	3592	3714	3.77	cps
Bromine	81-2	40	90	40	57	50.94	cps
Cadmium	106-1	9070	9620	9537	9409	3.15	cps
Cadmium	108-1	25	33	25	28	17.31	cps
Cadmium	111-1	316	341	340	332	4.31	cps
Calcium	43-1	583	400	500	494	18.57	cps
Calcium	44-1	18054	18371	18855	18426	2.19	cps
Chromium	52-2	1277	1270	1263	1270	0.53	cps
Cobalt	59-2	123	210	157	163	26.76	cps
Copper	63-2	2854	2727	2827	2803	2.38	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	27	40	20	29	35.25	cps
Gadolinium	160-1	92	67	108	89	23.59	cps
Gadolinium	160-2	70	93	93	86	15.74	cps
Holmium	165-1	8686400	8647145	8645601	8659715	0.27	cps
Holmium	165-2	6116711	6043476	6083656	6081281	0.60	cps
Indium	115-1	6928427	6911259	6976396	6938694	0.49	cps
Indium	115-2	2577005	2541864	2552638	2557169	0.70	cps
Iron	56-2	16448	17260	17199	16969	2.67	cps
Iron	57-2	617	556	606	593	5.49	cps
Iron	54-2	2313	2403	2293	2336	2.51	cps
Krypton	83-1	1847	1990	1913	1917	3.74	cps
Lead	206-1	1711	1906	1939	1852	6.64	cps
Lead	207-1	1522	1589	1411	1508	5.96	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BL	Instrumnet Name :	P7
Client Sample ID :	PB133479BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:51:27	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6823	6990	6956	6923	1.27	cps
Lithium	6-1	1847488	1853075	1850785	1850449	0.15	cps
Magnesium	24-2	2000	1917	2342	2086	10.80	cps
Manganese	55-2	460	480	413	451	7.58	cps
Molybdenum	94-1	383	267	300	317	18.98	cps
Molybdenum	95-1	275	242	358	292	20.60	cps
Molybdenum	96-1	308	292	383	328	14.90	cps
Molybdenum	97-1	167	117	250	178	37.89	cps
Molybdenum	98-1	475	625	550	550	13.64	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	77	67	73	7.87	cps
Phosphorus	31-2	1508	1650	1558	1572	4.57	cps
Potassium	39-2	125308	128246	127197	126917	1.17	cps
Rhodium	103-1	6906350	6894129	6866942	6889140	0.29	cps
Rhodium	103-2	4358149	4289983	4312483	4320205	0.80	cps
Scandium	45-1	5028063	5037280	5072331	5045891	0.46	cps
Scandium	45-2	474108	481804	479764	478559	0.83	cps
Selenium	82-1	50	-9	8	16	184.84	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	209	169	206	194	11.59	cps
Silicon	28-1	335645	339653	339543	338280	0.67	cps
Silver	107-1	200	208	233	214	8.11	cps
Silver	109-1	175	192	117	161	24.44	cps
Sodium	23-2	73430	68958	72139	71509	3.22	cps
Strontium	86-1	3576	3317	3009	3300	8.60	cps
Strontium	88-1	383	233	350	322	24.44	cps
Sulfur	34-1	562715	569622	566406	566248	0.61	cps
Terbium	159-1	8963773	8979751	8993355	8978960	0.16	cps
Terbium	159-2	6483251	6078921	6556915	6373029	4.04	cps
Thallium	203-1	192	283	158	211	30.66	cps
Thallium	205-1	400	550	525	492	16.35	cps
Thorium	232-1	294	544	433	424	29.54	cps
Tin	118-1	400	400	475	425	10.19	cps
Titanium	47-1	200	183	117	167	26.46	cps
Uranium	238-1	458	490	438	462	5.64	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BL	Instrumnet Name :	P7
Client Sample ID :	PB133479BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:51:27	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	40	57	43	27.74	cps
Yttrium	89-1	12852105	12792326	12762167	12802200	0.36	cps
Yttrium	89-2	3542424	3495064	3526874	3521454	0.69	cps
Zinc	66-2	740	753	660	718	7.03	cps
Zirconium	91-1	217	125	150	164	28.92	cps
Zirconium	90-1	783	708	675	722	7.68	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133477BS Instrumnet Name : P7
 Client Sample ID : PB133477BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:54:58 DataFile Name : 033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1610718	1600775	1597024	1602839	0.44	cps
Antimony	121-1	3573747	3574304	3600248	3582766	0.42	cps
Arsenic	75-2	244808	244083	242349	243747	0.52	cps
Barium	135-1	3953481	3955379	3969967	3959609	0.23	cps
Barium	137-1	7104295	7112959	7145030	7120761	0.30	cps
Beryllium	9-1	746289	738251	744797	743112	0.58	cps
Bismuth	209-1	4565543	4536022	4575029	4558865	0.45	cps
Bismuth	209-2	3704281	3681797	3683932	3690003	0.34	cps
Boron	11-1	409467	414223	421677	415122	1.48	cps
Boron	10-1	84066	85114	87250	85477	1.90	cps
Bromine	81-1	3534	3584	3834	3651	4.40	cps
Bromine	81-2	120	110	80	103	20.15	cps
Cadmium	106-1	109856	108673	106448	108325	1.60	cps
Cadmium	108-1	68233	68451	68535	68406	0.23	cps
Cadmium	111-1	834971	832932	831160	833021	0.23	cps
Calcium	43-1	1119807	1120274	1116462	1118848	0.19	cps
Calcium	44-1	16638131	16821933	16713730	16724598	0.55	cps
Chromium	52-2	1851191	1848109	1841877	1847059	0.26	cps
Cobalt	59-2	2639735	2644831	2615918	2633495	0.59	cps
Copper	63-2	18208742	18152916	18014639	18125432	0.55	cps
Dysprosium	156-2	53	87	87	76	25.48	cps
Dysprosium	156-1	125	167	208	167	25.00	cps
Erbium	164-1	92	58	75	75	22.22	cps
Erbium	164-2	67	70	33	57	35.79	cps
Gadolinium	160-1	167	150	75	131	37.40	cps
Gadolinium	160-2	123	150	150	141	10.91	cps
Holmium	165-1	8820100	8827261	8860359	8835906	0.24	cps
Holmium	165-2	6110489	6054790	6093507	6086262	0.47	cps
Indium	115-1	6819267	6783877	6828752	6810632	0.35	cps
Indium	115-2	2479946	2438466	2444485	2454299	0.91	cps
Iron	56-2	80378724	79598393	80253030	80076716	0.52	cps
Iron	57-2	2011877	1995748	1983373	1996999	0.72	cps
Iron	54-2	4580381	4565489	4563183	4569684	0.20	cps
Krypton	83-1	2110	1957	1847	1971	6.71	cps
Lead	206-1	13044316	13010661	13086895	13047291	0.29	cps
Lead	207-1	11514611	11451520	11581687	11515939	0.57	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BS	Instrumnet Name :	P7
Client Sample ID :	PB133477BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:54:58	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	51491157	51369449	51659028	51506545	0.28	cps
Lithium	6-1	1863912	1832263	1846485	1847553	0.86	cps
Magnesium	24-2	15657078	15756375	15585643	15666365	0.55	cps
Manganese	55-2	12865070	12825217	12690366	12793551	0.72	cps
Molybdenum	94-1	7275546	7302578	7308052	7295392	0.24	cps
Molybdenum	95-1	8859854	8909216	8722117	8830396	1.10	cps
Molybdenum	96-1	9939270	9933338	9797485	9890031	0.81	cps
Molybdenum	97-1	5455877	5621557	5484186	5520540	1.61	cps
Molybdenum	98-1	14168301	14238398	14171910	14192870	0.28	cps
Neodymium	150-1	320	347	347	338	4.56	cps
Neodymium	150-2	40	80	90	70	37.80	cps
Nickel	60-2	686781	684821	678761	683454	0.61	cps
Phosphorus	31-2	109239	108844	110002	109362	0.54	cps
Potassium	39-2	9569911	9537200	9518441	9541851	0.27	cps
Rhodium	103-1	6642360	6629496	6663154	6645003	0.26	cps
Rhodium	103-2	4144475	4087448	4093002	4108308	0.77	cps
Scandium	45-1	4928735	4968662	5002240	4966546	0.74	cps
Scandium	45-2	459482	455717	456821	457340	0.42	cps
Selenium	82-1	55969	56267	56720	56319	0.67	cps
Selenium	77-2	6455	6218	6041	6238	3.33	cps
Selenium	78-2	20273	20520	20216	20336	0.79	cps
Silicon	28-1	3564674	3591735	3597896	3584768	0.49	cps
Silver	107-1	4220349	4207242	4249427	4225673	0.51	cps
Silver	109-1	4063563	4028897	4074756	4055739	0.59	cps
Sodium	23-2	26218746	26288658	26081155	26196186	0.40	cps
Strontium	86-1	1090089	1096790	1097261	1094713	0.37	cps
Strontium	88-1	9538684	9663812	9595201	9599232	0.65	cps
Sulfur	34-1	872940	864321	865950	867737	0.53	cps
Terbium	159-1	9173278	9068526	9042696	9094833	0.76	cps
Terbium	159-2	6176961	6118688	6100826	6132158	0.65	cps
Thallium	203-1	2755321	2736077	2736940	2742779	0.40	cps
Thallium	205-1	7127855	7236673	7159739	7174756	0.78	cps
Thorium	232-1	9701551	9614092	9670451	9662032	0.46	cps
Tin	118-1	2600068	2596262	2598668	2598333	0.07	cps
Titanium	47-1	2630721	2643673	2645552	2639982	0.31	cps
Uranium	238-1	8573888	8558372	8618480	8583580	0.36	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133477BS	Instrumnet Name :	P7
Client Sample ID :	PB133477BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:54:58	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1593394	1586496	1582243	1587378	0.35	cps
Yttrium	89-1	12687146	12565418	12573162	12608575	0.54	cps
Yttrium	89-2	3462364	3436959	3434540	3444621	0.45	cps
Zinc	66-2	3323465	3312590	3301640	3312565	0.33	cps
Zirconium	91-1	1322491	1332446	1314701	1323213	0.67	cps
Zirconium	90-1	5986885	5974263	5968268	5976472	0.16	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133479BS Instrumnet Name : P7
 Client Sample ID : PB133479BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:58:19 DataFile Name : 034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1627669	1616589	1611204	1618487	0.52	cps
Antimony	121-1	3658947	3648187	3586618	3631251	1.07	cps
Arsenic	75-2	247107	248112	245774	246998	0.47	cps
Barium	135-1	4037285	4023168	3996450	4018968	0.52	cps
Barium	137-1	7303776	7330148	7214254	7282726	0.83	cps
Beryllium	9-1	748479	739958	734405	740947	0.96	cps
Bismuth	209-1	4532615	4579226	4780886	4630909	2.85	cps
Bismuth	209-2	3723380	3761968	3762477	3749275	0.60	cps
Boron	11-1	415833	421051	419995	418959	0.66	cps
Boron	10-1	85181	86957	86211	86116	1.04	cps
Bromine	81-1	3642	3759	3534	3645	3.09	cps
Bromine	81-2	40	40	80	53	43.30	cps
Cadmium	106-1	108984	108671	110679	109444	0.99	cps
Cadmium	108-1	70649	69778	69494	69974	0.86	cps
Cadmium	111-1	855822	841535	843153	846836	0.92	cps
Calcium	43-1	1136711	1139963	1131674	1136116	0.37	cps
Calcium	44-1	17004322	16950755	16910647	16955241	0.28	cps
Chromium	52-2	1867281	1850393	1856428	1858034	0.46	cps
Cobalt	59-2	2670854	2658013	2638784	2655884	0.61	cps
Copper	63-2	18176403	18071981	18005142	18084509	0.48	cps
Dysprosium	156-2	107	117	110	111	4.58	cps
Dysprosium	156-1	167	200	108	158	29.30	cps
Erbium	164-1	75	58	25	53	48.24	cps
Erbium	164-2	57	67	47	57	17.65	cps
Gadolinium	160-1	150	133	150	144	6.66	cps
Gadolinium	160-2	173	153	160	162	6.28	cps
Holmium	165-1	8836748	8789784	9113385	8913306	1.96	cps
Holmium	165-2	6180673	6282888	6722284	6395282	4.50	cps
Indium	115-1	6826318	6911792	7222074	6986728	2.98	cps
Indium	115-2	2509169	2538921	2530506	2526199	0.61	cps
Iron	56-2	81508530	81172018	80011374	80897307	0.97	cps
Iron	57-2	2016319	2019212	2002068	2012533	0.46	cps
Iron	54-2	4630129	4592044	4579366	4600513	0.57	cps
Krypton	83-1	1773	2164	1843	1927	10.79	cps
Lead	206-1	13243479	13137113	13298359	13226317	0.62	cps
Lead	207-1	11733246	11603735	11712830	11683271	0.60	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : PB133479BS Instrumnet Name : P7
 Client Sample ID : PB133479BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 22:58:19 DataFile Name : 034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	52770068	52084487	52380085	52411546	0.66	cps
Lithium	6-1	1794169	1827133	1883644	1834982	2.47	cps
Magnesium	24-2	15907320	15918829	15954252	15926800	0.15	cps
Manganese	55-2	13178247	13081950	12937255	13065817	0.93	cps
Molybdenum	94-1	7476841	7331146	7288341	7365443	1.34	cps
Molybdenum	95-1	9028325	8976720	8868587	8957877	0.91	cps
Molybdenum	96-1	10128608	9926469	10025809	10026962	1.01	cps
Molybdenum	97-1	5699307	5543442	5687474	5643408	1.54	cps
Molybdenum	98-1	14442070	14369011	14387591	14399558	0.26	cps
Neodymium	150-1	320	293	367	327	11.36	cps
Neodymium	150-2	90	103	70	88	19.11	cps
Nickel	60-2	687156	686500	681640	685099	0.44	cps
Phosphorus	31-2	111925	111304	108424	110551	1.69	cps
Potassium	39-2	9759110	9642916	9697608	9699878	0.60	cps
Rhodium	103-1	6600345	6643147	6954193	6732561	2.87	cps
Rhodium	103-2	4181233	4218740	4238851	4212941	0.69	cps
Scandium	45-1	4872442	5009549	5166271	5016087	2.93	cps
Scandium	45-2	465594	472890	470588	469691	0.79	cps
Selenium	82-1	57906	57127	57396	57477	0.69	cps
Selenium	77-2	6121	6285	6288	6231	1.53	cps
Selenium	78-2	20954	20611	20911	20825	0.90	cps
Silicon	28-1	3622553	3656768	3658218	3645846	0.55	cps
Silver	107-1	4311225	4275952	4309253	4298810	0.46	cps
Silver	109-1	4138715	4120012	4137344	4132023	0.25	cps
Sodium	23-2	26677078	26159571	26399168	26411939	0.98	cps
Strontium	86-1	1120488	1107015	1114833	1114112	0.61	cps
Strontium	88-1	9804305	9752595	9806750	9787883	0.31	cps
Sulfur	34-1	845956	836817	836743	839839	0.63	cps
Terbium	159-1	9194124	9197965	9464726	9285605	1.67	cps
Terbium	159-2	6228379	6669353	6685432	6527721	3.97	cps
Thallium	203-1	2779449	2762185	2755251	2765629	0.45	cps
Thallium	205-1	7287112	7373057	7331115	7330428	0.59	cps
Thorium	232-1	9809570	9851148	9689764	9783494	0.86	cps
Tin	118-1	2658713	2651711	2618904	2643109	0.80	cps
Titanium	47-1	2683436	2646482	2651515	2660478	0.75	cps
Uranium	238-1	8711592	8573335	8551303	8612077	1.01	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	PB133479BS	Instrumnet Name :	P7
Client Sample ID :	PB133479BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 22:58:19	DataFile Name :	034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1609892	1606850	1599493	1605412	0.33	cps
Yttrium	89-1	12654118	12633104	13363548	12883590	3.23	cps
Yttrium	89-2	3494650	3562123	3559296	3538690	1.08	cps
Zinc	66-2	3341203	3339515	3307150	3329289	0.58	cps
Zirconium	91-1	1352093	1331149	1328283	1337175	0.97	cps
Zirconium	90-1	6130588	6028069	6083804	6080820	0.84	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:01:40	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7958403	7924645	7954326	7945791	0.23	cps
Antimony	121-1	3696360	3685427	3672750	3684846	0.32	cps
Arsenic	75-2	255135	254347	255120	254867	0.18	cps
Barium	135-1	4061308	4048614	4018870	4042931	0.54	cps
Barium	137-1	7362985	7281682	7298002	7314223	0.59	cps
Beryllium	9-1	755639	760188	754909	756912	0.38	cps
Bismuth	209-1	4339114	4379473	4358702	4359096	0.46	cps
Bismuth	209-2	3638469	3566780	3589188	3598146	1.02	cps
Boron	11-1	428795	428054	429046	428632	0.12	cps
Boron	10-1	87654	89916	89070	88880	1.29	cps
Bromine	81-1	3726	3817	3684	3742	1.82	cps
Bromine	81-2	110	80	50	80	37.50	cps
Cadmium	106-1	107940	107723	107278	107647	0.31	cps
Cadmium	108-1	69284	67928	68313	68508	1.02	cps
Cadmium	111-1	842307	839437	832385	838043	0.61	cps
Calcium	43-1	5349017	5277376	5296264	5307552	0.70	cps
Calcium	44-1	84401721	84129521	82970203	83833815	0.91	cps
Chromium	52-2	1944998	1946769	1940652	1944140	0.16	cps
Cobalt	59-2	2690456	2691704	2682891	2688350	0.18	cps
Copper	63-2	18019169	17988973	17980801	17996314	0.11	cps
Dysprosium	156-2	460	490	447	466	4.77	cps
Dysprosium	156-1	667	683	817	722	11.38	cps
Erbium	164-1	133	125	158	139	12.49	cps
Erbium	164-2	110	107	97	104	6.64	cps
Gadolinium	160-1	742	642	725	703	7.62	cps
Gadolinium	160-2	627	687	647	653	4.68	cps
Holmium	165-1	8828046	8844610	8782209	8818288	0.37	cps
Holmium	165-2	6869059	6204289	6646642	6573330	5.15	cps
Indium	115-1	6764266	6725342	6609732	6699780	1.20	cps
Indium	115-2	2561993	2469340	2456912	2496082	2.30	cps
Iron	56-2	403261953	405358787	399834120	402818287	0.69	cps
Iron	57-2	9873578	9844862	9844909	9854450	0.17	cps
Iron	54-2	21912490	22013149	21969033	21964891	0.23	cps
Krypton	83-1	1797	1930	1933	1887	4.13	cps
Lead	206-1	13024440	13123441	13053642	13067174	0.39	cps
Lead	207-1	11525974	11595361	11651224	11590853	0.54	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:01:40	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	51651423	51541819	51625259	51606167	0.11	cps
Lithium	6-1	1798648	1804281	1790222	1797717	0.39	cps
Magnesium	24-2	81740464	81259129	81637156	81545583	0.31	cps
Manganese	55-2	13225452	13288397	13332306	13282052	0.40	cps
Molybdenum	94-1	7553272	7462794	7445191	7487086	0.77	cps
Molybdenum	95-1	9096540	9065354	9013652	9058515	0.46	cps
Molybdenum	96-1	10262246	10181688	10139017	10194317	0.61	cps
Molybdenum	97-1	5774888	5659274	5735377	5723180	1.03	cps
Molybdenum	98-1	14692096	14554814	14573977	14606963	0.51	cps
Neodymium	150-1	307	280	193	260	22.79	cps
Neodymium	150-2	60	50	73	61	19.15	cps
Nickel	60-2	698242	684971	686884	690032	1.04	cps
Phosphorus	31-2	115711	117198	116392	116434	0.64	cps
Potassium	39-2	48561769	48520139	48259933	48447280	0.34	cps
Rhodium	103-1	6430536	6468757	6319257	6406183	1.21	cps
Rhodium	103-2	4217993	4055201	4054533	4109242	2.29	cps
Scandium	45-1	4982142	4910705	4885069	4925972	1.02	cps
Scandium	45-2	490792	472895	472372	478686	2.19	cps
Selenium	82-1	57953	56985	56503	57147	1.29	cps
Selenium	77-2	6498	6465	6255	6406	2.06	cps
Selenium	78-2	20722	20906	21247	20958	1.27	cps
Silicon	28-1	3683400	3682405	3715692	3693832	0.51	cps
Silver	107-1	4211947	4196762	4192628	4200446	0.24	cps
Silver	109-1	4060638	4026862	3995890	4027796	0.80	cps
Sodium	23-2	157423862	157812687	159037649	158091399	0.53	cps
Strontium	86-1	1132831	1126609	1132378	1130606	0.31	cps
Strontium	88-1	10006157	9859650	9879161	9914989	0.80	cps
Sulfur	34-1	853013	843677	849066	848586	0.55	cps
Terbium	159-1	9115999	9247461	9059508	9140990	1.05	cps
Terbium	159-2	6862441	6261428	6540664	6554844	4.59	cps
Thallium	203-1	2745584	2737706	2717041	2733443	0.54	cps
Thallium	205-1	7183101	7240361	7237691	7220384	0.45	cps
Thorium	232-1	10031991	10186410	10020785	10079729	0.92	cps
Tin	118-1	2666270	2661369	2638840	2655493	0.55	cps
Titanium	47-1	2723488	2717123	2672291	2704301	1.03	cps
Uranium	238-1	8873181	8788246	8777079	8812835	0.60	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:01:40	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1674771	1665030	1677373	1672391	0.39	cps
Yttrium	89-1	12622785	12667306	12472921	12587670	0.81	cps
Yttrium	89-2	3691409	3523235	3531190	3581945	2.65	cps
Zinc	66-2	3356621	3351343	3353808	3353924	0.08	cps
Zirconium	91-1	1377941	1372439	1354429	1368270	0.90	cps
Zirconium	90-1	6199884	6253163	6112594	6188547	1.15	cps

LB Number : LB112499 Operator : JASWAL
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-21 23:20:47 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	683	625	631	7.97	cps
Antimony	121-1	400	358	375	378	5.55	cps
Arsenic	75-2	17	24	24	22	19.78	cps
Barium	135-1	125	150	67	114	37.55	cps
Barium	137-1	175	125	225	175	28.57	cps
Beryllium	9-1	100	89	106	98	8.65	cps
Bismuth	209-1	4595047	4539368	4535389	4556601	0.73	cps
Bismuth	209-2	3697263	3716227	3696166	3703218	0.30	cps
Boron	11-1	2359	2175	1992	2175	8.43	cps
Boron	10-1	400	325	367	364	10.33	cps
Bromine	81-1	3776	3976	3692	3815	3.82	cps
Bromine	81-2	40	50	40	43	13.32	cps
Cadmium	106-1	9829	9128	9862	9606	4.31	cps
Cadmium	108-1	38	29	46	38	22.21	cps
Cadmium	111-1	354	344	353	350	1.55	cps
Calcium	43-1	433	408	525	456	13.48	cps
Calcium	44-1	19205	19163	18354	18907	2.54	cps
Chromium	52-2	1293	1343	1423	1353	4.85	cps
Cobalt	59-2	123	157	140	140	11.90	cps
Copper	63-2	2894	2700	2727	2774	3.78	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	43	10	23	26	65.65	cps
Gadolinium	160-1	50	117	58	75	48.43	cps
Gadolinium	160-2	70	90	93	84	14.94	cps
Holmium	165-1	8883384	8687186	8722717	8764429	1.19	cps
Holmium	165-2	6094741	6183193	6084783	6120906	0.89	cps
Indium	115-1	7027928	6987219	7006870	7007339	0.29	cps
Indium	115-2	2552040	2569453	2567556	2563016	0.37	cps
Iron	56-2	16754	16938	16298	16663	1.98	cps
Iron	57-2	656	561	578	598	8.43	cps
Iron	54-2	2323	2433	2493	2416	3.57	cps
Krypton	83-1	1947	1987	1860	1931	3.35	cps
Lead	206-1	2673	2506	2506	2561	3.76	cps
Lead	207-1	2078	1984	2161	2074	4.29	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:20:47	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9724	9663	9646	9678	0.42	cps
Lithium	6-1	1846275	1844175	1835800	1842083	0.30	cps
Magnesium	24-2	1950	1975	2159	2028	5.61	cps
Manganese	55-2	417	437	460	438	4.95	cps
Molybdenum	94-1	350	400	342	364	8.67	cps
Molybdenum	95-1	367	308	275	317	14.65	cps
Molybdenum	96-1	367	417	458	414	11.09	cps
Molybdenum	97-1	150	208	225	194	20.25	cps
Molybdenum	98-1	475	558	575	536	9.99	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	93	90	53	79	28.14	cps
Phosphorus	31-2	1425	1600	1500	1508	5.82	cps
Potassium	39-2	124996	123701	124550	124415	0.53	cps
Rhodium	103-1	6884691	6884713	6917224	6895543	0.27	cps
Rhodium	103-2	4329116	4343079	4321479	4331225	0.25	cps
Scandium	45-1	5048611	4991616	5014634	5018287	0.57	cps
Scandium	45-2	477867	471658	482387	477304	1.13	cps
Selenium	82-1	-10	-16	102	25	262.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	176	181	213	190	10.51	cps
Silicon	28-1	337720	336579	337618	337306	0.19	cps
Silver	107-1	192	275	275	247	19.46	cps
Silver	109-1	258	150	217	208	26.23	cps
Sodium	23-2	71587	69955	70013	70519	1.31	cps
Strontium	86-1	3242	3159	3017	3139	3.62	cps
Strontium	88-1	367	358	308	344	9.16	cps
Sulfur	34-1	553575	556090	556219	555294	0.27	cps
Terbium	159-1	9037602	8930467	8996566	8988212	0.60	cps
Terbium	159-2	6542039	6151806	6545879	6413241	3.53	cps
Thallium	203-1	167	217	158	181	17.48	cps
Thallium	205-1	458	408	358	408	12.25	cps
Thorium	232-1	361	433	556	450	21.84	cps
Tin	118-1	567	583	492	547	8.92	cps
Titanium	47-1	175	233	133	181	27.82	cps
Uranium	238-1	415	412	428	418	2.11	cps

LB Number :	LB112499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-21 23:20:47	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	47	73	52	36.29	cps
Yttrium	89-1	12857175	12769976	12677103	12768085	0.71	cps
Yttrium	89-2	3561409	3604934	3568513	3578286	0.65	cps
Zinc	66-2	763	707	807	759	6.61	cps
Zirconium	91-1	92	108	233	144	53.60	cps
Zirconium	90-1	708	825	767	767	7.61	cps