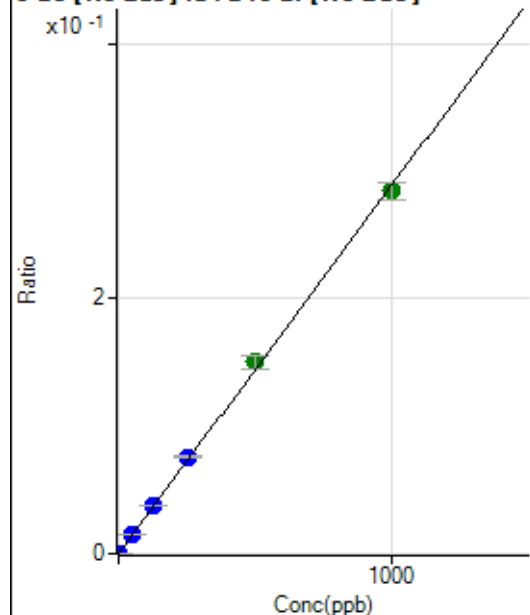


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8091521MS.b\
Analysis File: P8091521MS.batch.bin
DA Date-Time: 2021-11-02 13:54:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2021-09-15 10:15:21
2	006CALS.d	S02	2021-09-15 10:21:30
3	007CALS.d	S03	2021-09-15 10:24:34
4	008CALS.d	S04	2021-09-15 10:27:39
5	009CALS.d	S05	2021-09-15 10:30:42
6	010CALS.d	S06	2021-09-15 10:33:47
7	012CALS.d	S07	2021-09-15 10:39:56
8	013CALS.d	S08	2021-09-15 10:43:00

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.66	0.0000	P	3.0
2	☐	1.000	1.022	3489.07	0.0003	P	3.2
3	☐	50.000	50.770	172932.92	0.0147	P	1.7
4	☐	125.000	128.941	424792.17	0.0372	P	0.7
5	☐	250.000	263.087	846136.86	0.0759	P	2.5
6	☐	500.000	521.207	1695481.93	0.1504	A	6.8
7	☐	1000.000	985.594	3226862.67	0.2844	A	4.8
8	☐			307.28	0.0000	P	26.0

$$y = 2.8860E-004 * x + 2.6322E-006$$

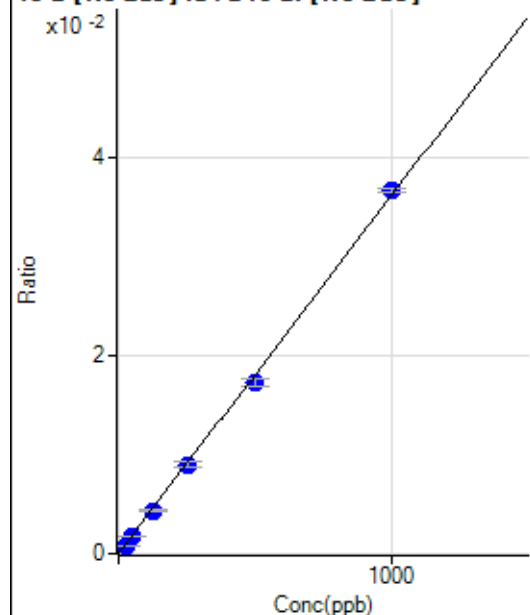
$$R = 0.9996$$

$$DL = 0.0008344$$

$$BEC = 0.009121$$

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	469.92	0.0000	P	8.7
2	☐	25.000	21.864	9742.66	0.0008	P	5.3
3	☐	50.000	45.993	20110.45	0.0017	P	3.8
4	☐	125.000	118.146	49230.31	0.0043	P	5.0
5	☐	250.000	248.243	100512.00	0.0090	P	4.8
6	☐	500.000	477.575	195388.80	0.0173	P	4.0
7	☐	1000.000	1012.787	416486.15	0.0367	P	0.9
8	☐			42067.78	0.0040	P	12.9

$$y = 3.6169E-005 * x + 4.0246E-005$$

$$R = 0.9996$$

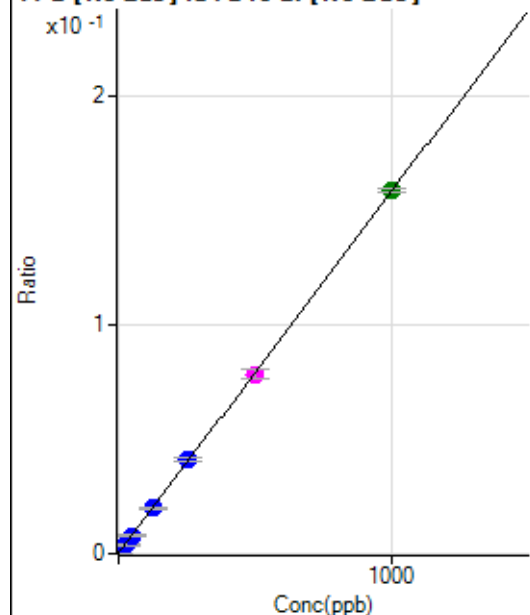
$$DL = 0.2905$$

$$BEC = 1.113$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2189.74	0.0002	P	5.5
2	☐	25.000	23.090	45079.28	0.0038	P	4.4
3	☐	50.000	48.549	92972.25	0.0079	P	4.0
4	☐	125.000	124.086	226435.06	0.0198	P	3.4
5	☐	250.000	257.756	457028.36	0.0410	P	4.4
6	☐	500.000	493.520	883716.21	0.0783	M	5.5
7	☐	1000.000	1001.536	1803308.97	0.1588	A	1.2
8	☐			193924.53	0.0184	P	13.6

$$y = 1.5837E-004 * x + 1.8822E-004$$

$$R = 0.9999$$

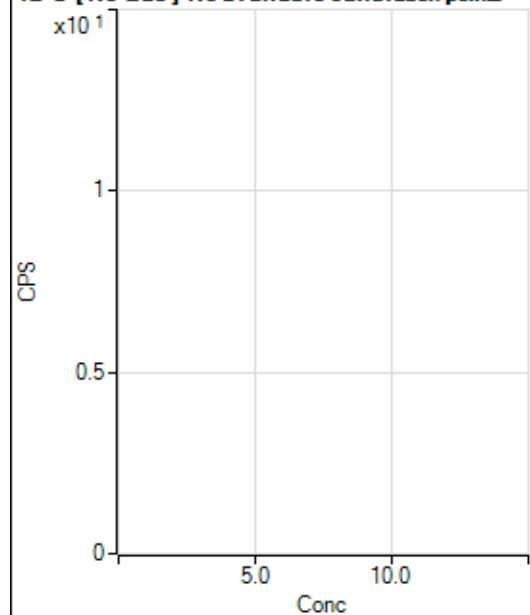
$$DL = 0.1977$$

$$BEC = 1.189$$

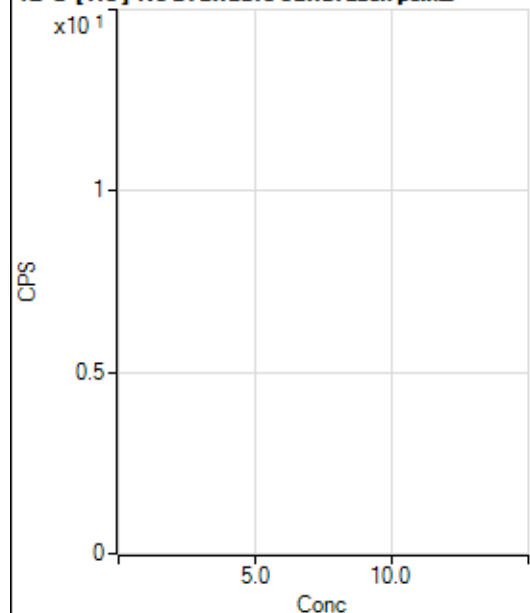
Weight: <None>

Min Conc: 0

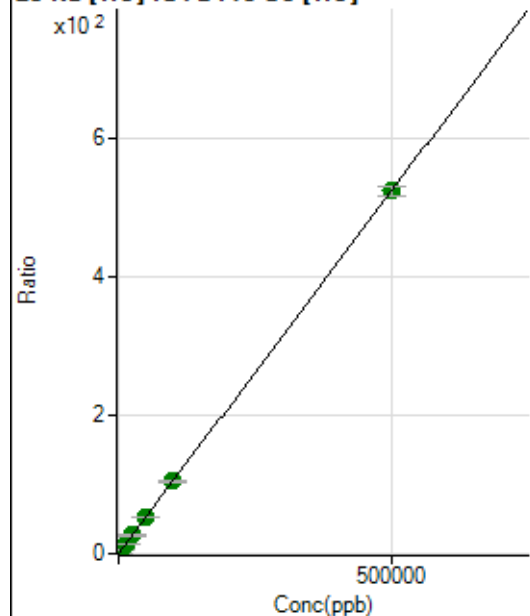
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4731422.50		A	0.6
2	☐			5587631.24		A	0.3
3	☐			6003287.46		A	1.2
4	☐			6100890.63		A	2.2
5	☐			6452085.39		A	2.6
6	☐			7009782.45		A	3.3
7	☐			8012497.49		A	1.8
8	☐			6533658.61		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			49143.89		P	1.4
2	☐			58843.32		P	0.7
3	☐			64679.18		P	1.7
4	☐			67159.31		P	3.2
5	☐			72339.56		P	1.7
6	☐			79299.97		P	1.2
7	☐			91498.49		P	2.6
8	☐			77934.41		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17560.91	0.0500	P	1.0
2	☐	500.000	561.094	213150.52	0.6389	P	7.9
3	☐	5000.000	5274.515	1949230.79	5.5860	A	0.9
4	☐	12500.000	12648.468	4731074.24	13.3256	A	1.0
5	☐	25000.000	25268.958	9569899.87	26.5717	A	3.1
6	☐	50000.000	50891.923	18750016.04	53.4650	A	2.1
7	☐	100000.00	99427.670	38980911.98	104.4071	A	4.1
8	☐	500000.00	500005.30	190564475.0	524.8445	A	2.4

$$y = 0.0010 * x + 0.0500$$

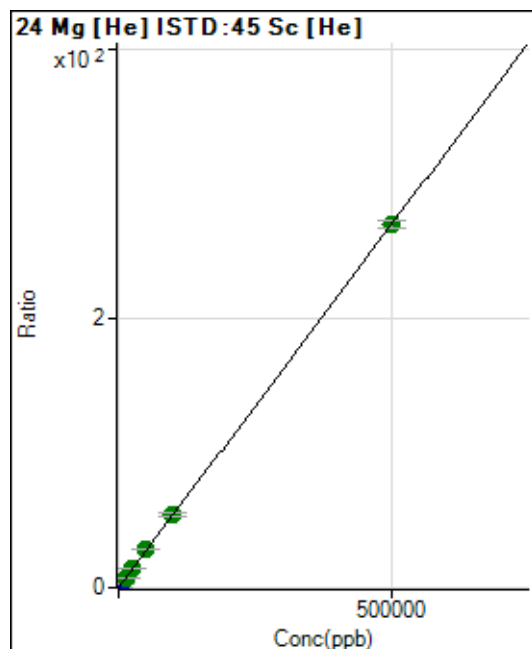
$$R = 1.0000$$

$$DL = 1.37$$

$$BEC = 47.65$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1500.12	0.0043	P	15.3
2	☐	500.000	557.377	101726.95	0.3048	P	7.2
3	☐	5000.000	5344.896	1006922.77	2.8861	P	2.8
4	☐	12500.000	13157.146	2520005.46	7.0983	A	1.7
5	☐	25000.000	25644.295	4980806.23	13.8311	A	3.2
6	☐	50000.000	52351.418	9900219.75	28.2309	A	2.3
7	☐	100000.00	100718.46	20279519.38	54.3093	A	3.1
8	☐	500000.00	499569.01	97805158.44	269.3601	A	2.1

$$y = 5.3918\text{E-}004 * x + 0.0043$$

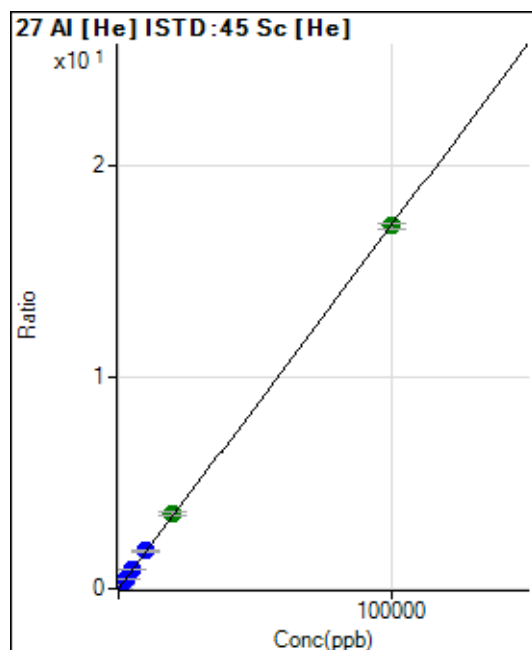
$$R = 1.0000$$

$$DL = 3.62$$

$$BEC = 7.91$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	174.98	0.0005	P	8.6
2	☐	20.000	22.685	1465.32	0.0044	P	11.7
3	☐	1000.000	1064.534	64055.38	0.1836	P	2.4
4	☐	2500.000	2600.835	158983.65	0.4478	P	1.9
5	☐	5000.000	5124.950	317551.36	0.8820	P	3.8
6	☐	10000.000	10428.611	629022.14	1.7942	P	3.5
7	☐	20000.000	20721.584	1330863.64	3.5645	A	3.9
8	☐	100000.00	99803.408	6233555.09	17.1661	A	1.9

$$y = 1.7199\text{E-}004 * x + 4.9866\text{E-}004$$

$$R = 1.0000$$

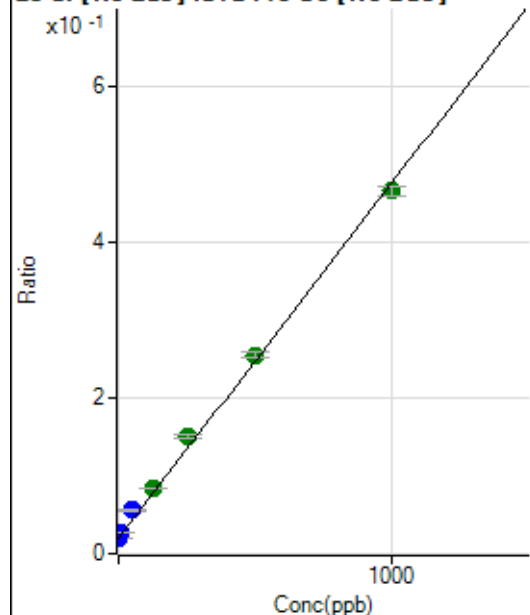
$$DL = 0.7468$$

$$BEC = 2.899$$

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	270308.90	0.0198	P	5.6
2	☐	10.000	16.825	380731.76	0.0275	P	2.1
3	☐	50.000	78.861	775266.45	0.0558	P	2.1
4	☐	125.000	140.616	1140976.56	0.0840	A	2.7
5	☐	250.000	288.829	2020665.15	0.1517	A	3.4
6	☐	500.000	516.448	3501037.36	0.2556	A	2.3
7	☐	1000.000	978.605	6610756.40	0.4667	A	2.6
8	☐			1038143.47	0.0773	A	5.3

$$y = 4.5665\text{E-}004 * x + 0.0198$$

$$R = 0.9989$$

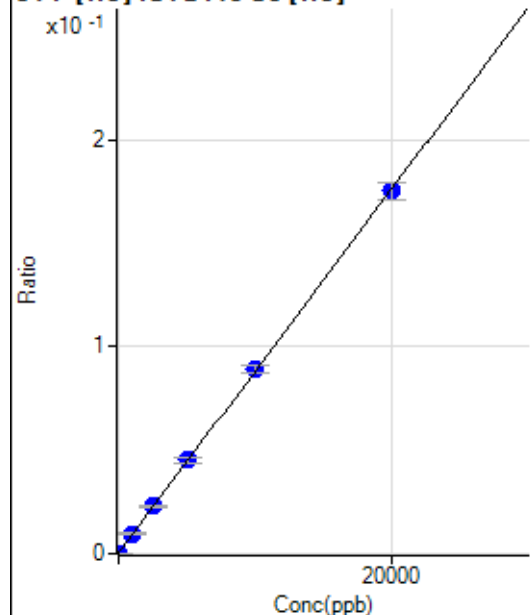
$$DL = 7.3$$

$$BEC = 43.35$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.745	119.45	0.0003	P	13.7
2	☐	0.000	-0.745	108.34	0.0003	P	22.5
3	☐	1000.000	1033.818	3283.79	0.0094	P	8.5
4	☐	2500.000	2597.184	8219.20	0.0232	P	3.6
5	☐	5000.000	5094.847	16234.48	0.0451	P	6.0
6	☐	10000.000	10107.585	31253.82	0.0891	P	3.7
7	☐	20000.000	19908.657	65428.91	0.1753	P	5.0
8	☐			111.11	0.0003	P	23.6

$$y = 8.7868\text{E-}006 * x + 3.3336\text{E-}004$$

$$R = 1.0000$$

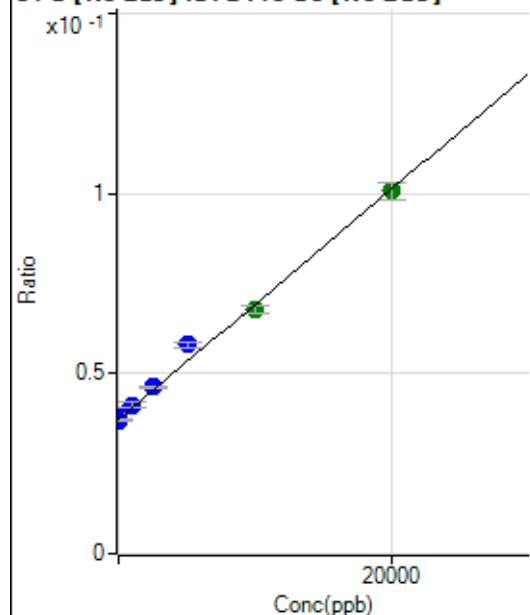
$$DL = 20.5$$

$$BEC = 37.94$$

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	127.002	515231.20	0.0377	P	5.5
2	☐	0.000	-127.002	511550.84	0.0369	P	1.6
3	☐	1000.000	1271.672	574817.79	0.0414	P	4.2
4	☐	2500.000	2792.581	628398.26	0.0463	P	1.4
5	☐	5000.000	6462.188	772999.32	0.0580	P	2.2
6	☐	10000.000	9515.068	928326.41	0.0678	A	3.4
7	☐	20000.000	19826.763	1427360.40	0.1008	A	4.9
8	☐			420958.49	0.0314	P	1.4

$$y = 3.2032E-006 * x + 0.0373$$

R = 0.9965

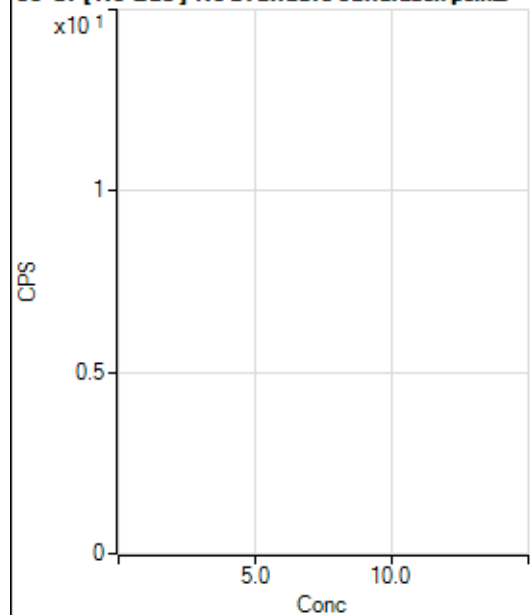
DL = 1240

BEC = 1.165E+04

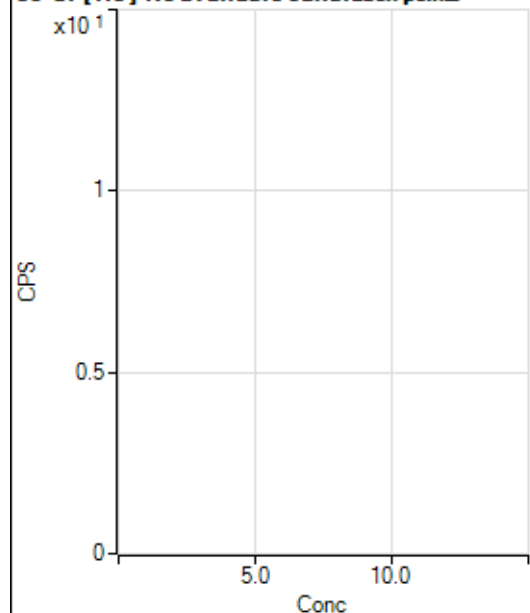
Weight: <None>

Min Conc: 0

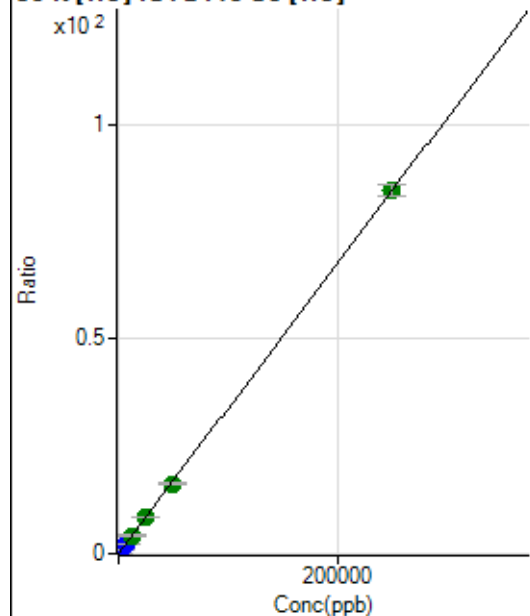
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			312339.61		P	0.3
2	☐			313903.11		P	1.1
3	☐			312910.77		P	0.8
4	☐			303090.71		P	0.4
5	☐			303711.58		P	0.8
6	☐			308314.19		P	0.6
7	☐			321497.27		P	0.5
8	☐			336368.10		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1802.93		P	8.1
2	☐			1733.48		P	6.7
3	☐			1880.73		P	6.2
4	☐			1725.16		P	5.1
5	☐			1639.02		P	7.6
6	☐			1677.92		P	6.9
7	☐			1708.48		P	8.5
8	☐			2119.67		P	9.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10187.16	0.0290	P	3.7
2	☐	500.000	531.739	69531.91	0.2084	P	7.5
3	☐	2500.000	2538.526	308885.63	0.8853	P	2.1
4	☐	6250.000	6234.484	756869.65	2.1319	P	1.5
5	☐	12500.000	12328.449	1507530.84	4.1874	A	4.2
6	☐	25000.000	24891.746	2954495.34	8.4249	A	2.2
7	☐	50000.000	48115.519	6070190.54	16.2583	A	3.9
8	☐	250000.00	250396.23	30672917.70	84.4870	A	3.1

$$y = 3.3730\text{E-}004 * x + 0.0290$$

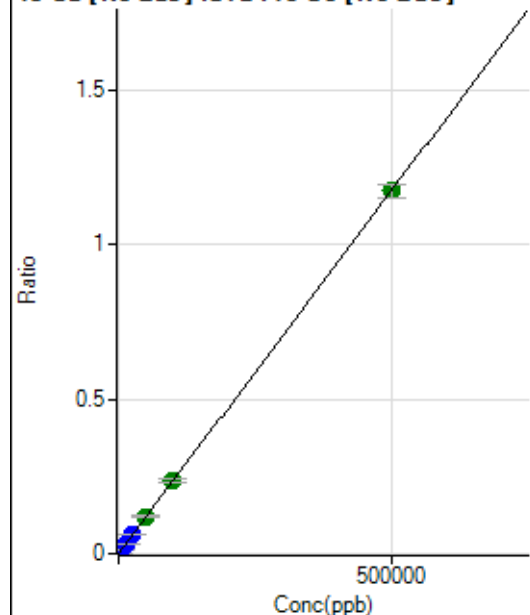
$$R = 1.0000$$

$$DL = 9.664$$

$$BEC = 86.06$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	393.37	0.0000	P	8.2
2	☐	500.000	500.909	16690.31	0.0012	P	3.2
3	☐	5000.000	4984.207	162893.86	0.0117	P	3.8
4	☐	12500.000	12543.689	400378.99	0.0295	P	0.4
5	☐	25000.000	25944.632	811932.40	0.0609	P	1.7
6	☐	50000.000	50892.380	1635638.88	0.1195	A	5.3
7	☐	100000.00	100584.42	3343688.87	0.2362	A	4.7
8	☐	500000.00	499745.71	15739374.98	1.1734	A	3.8

$$y = 2.3479\text{E-}006 * x + 2.8740\text{E-}005$$

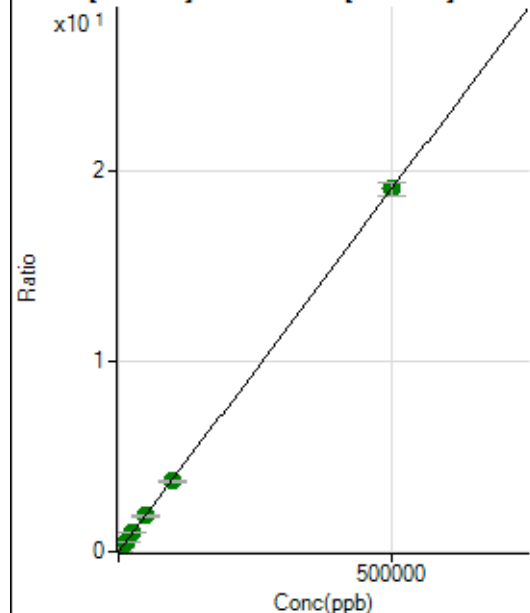
$$R = 1.0000$$

$$DL = 3.002$$

$$BEC = 12.24$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20216.65	0.0015	P	3.8
2	☐	500.000	496.339	281897.32	0.0203	P	2.0
3	☐	5000.000	4949.222	2633087.86	0.1896	A	3.4
4	☐	12500.000	12365.667	6403737.84	0.4715	A	1.0
5	☐	25000.000	25566.591	12967042.22	0.9733	A	1.8
6	☐	50000.000	50035.180	26047492.94	1.9034	A	5.4
7	☐	100000.00	97466.452	52483571.98	3.7064	A	3.9
8	☐	500000.00	500478.73	255201267.4	19.0256	A	3.8

$$y = 3.8012\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

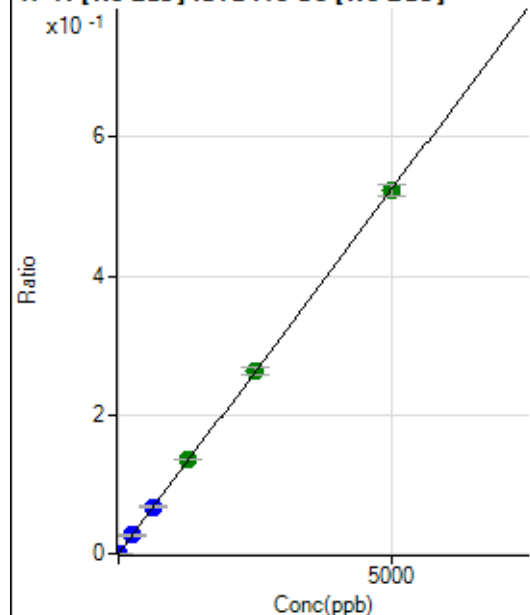
$$DL = 4.483$$

$$BEC = 38.92$$

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	127.78	0.0000	P	25.0
2	☐	5.000	5.265	7777.33	0.0006	P	2.7
3	☐	250.000	253.397	369104.02	0.0266	P	2.5
4	☐	625.000	644.540	917771.53	0.0676	P	1.5
5	☐	1250.000	1298.408	1813715.19	0.1361	A	0.8
6	☐	2500.000	2506.093	3595854.77	0.2627	A	4.9
7	☐	5000.000	4982.239	7397780.55	0.5223	A	3.1
8	☐			2722.55	0.0002	P	12.4

$$y = 1.0483\text{E-}004 * x + 9.4239\text{E-}006$$

$$R = 0.9999$$

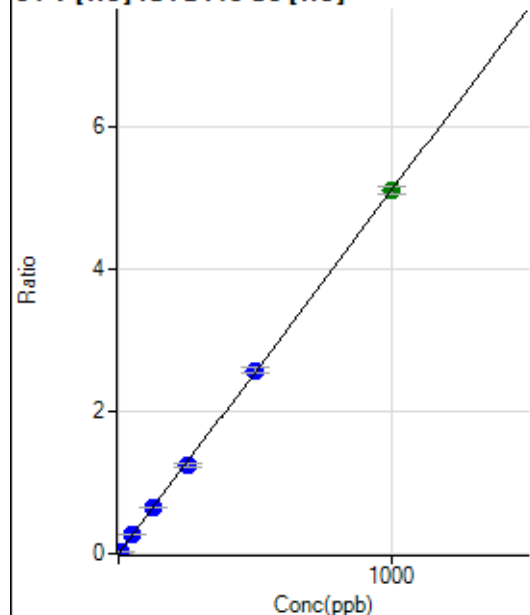
$$DL = 0.06734$$

$$BEC = 0.08989$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.409	9231.95	0.0277	P	7.0
3	☐	50.000	50.944	90882.86	0.2605	P	2.0
4	☐	125.000	125.552	227896.84	0.6419	P	1.8
5	☐	250.000	245.522	451949.29	1.2553	P	4.1
6	☐	500.000	504.459	904436.32	2.5792	P	2.6
7	☐	1000.000	998.772	1907169.81	5.1066	A	2.0
8	☐			230.00	0.0006	P	17.1

$$y = 0.0051 * x + 3.1799\text{E-}006$$

$$R = 1.0000$$

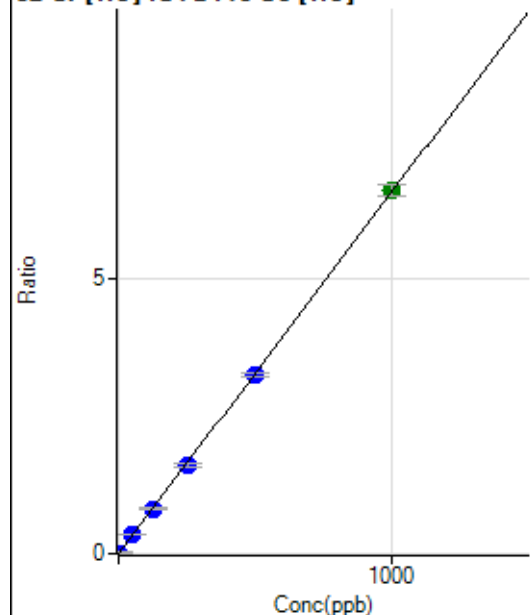
$$DL = 0.003232$$

$$BEC = 0.0006219$$

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	662.24	0.0019	P	12.5
2	☐	2.000	2.286	5635.61	0.0169	P	8.3
3	☐	50.000	51.385	118274.09	0.3390	P	2.7
4	☐	125.000	124.167	289867.40	0.8165	P	1.5
5	☐	250.000	242.732	573947.84	1.5943	P	4.4
6	☐	500.000	494.681	1138644.63	3.2472	P	2.6
7	☐	1000.000	1004.511	2461450.90	6.5919	A	3.1
8	☐			4947.58	0.0136	P	1.8

$$y = 0.0066 * x + 0.0019$$

$$R = 0.9999$$

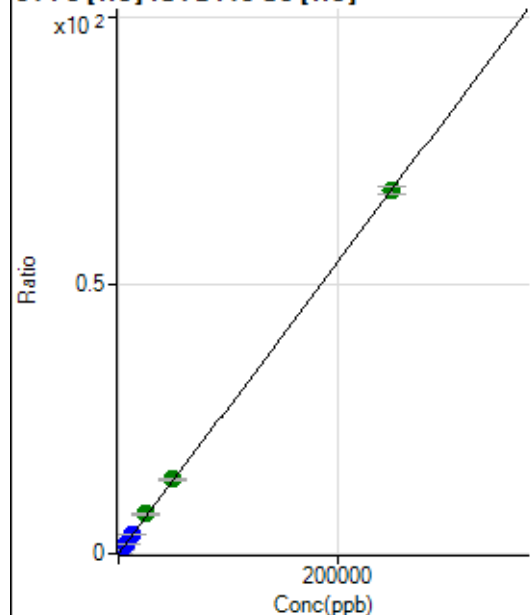
$$DL = 0.1076$$

$$BEC = 0.2879$$

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	616.69	0.0018	P	15.3
2	☐	50.000	57.980	5838.32	0.0175	P	4.6
3	☐	2500.000	2716.165	257407.74	0.7377	P	1.7
4	☐	6250.000	6660.311	641339.79	1.8064	P	1.3
5	☐	12500.000	12929.090	1262140.81	3.5050	P	3.5
6	☐	25000.000	27205.277	2585475.72	7.3733	A	2.8
7	☐	50000.000	50990.368	5160018.17	13.8181	A	2.8
8	☐	250000.00	249547.52	24552916.29	67.6191	A	2.2

$$y = 2.7096E-004 * x + 0.0018$$

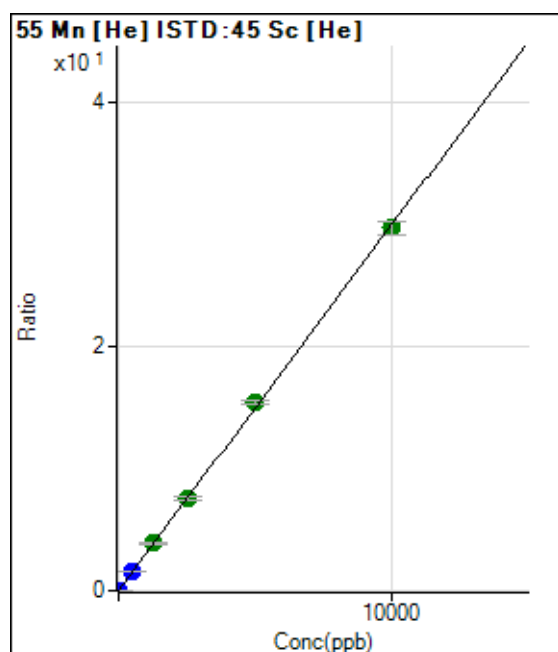
$$R = 1.0000$$

$$DL = 2.974$$

$$BEC = 6.474$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	42.22	0.0001	P	60.3
2	☐	1.000	1.136	1178.95	0.0035	P	6.4
3	☐	500.000	515.232	539525.44	1.5463	P	2.1
4	☐	1250.000	1292.128	1376758.27	3.8777	A	1.1
5	☐	2500.000	2533.975	2737287.77	7.6045	A	4.8
6	☐	5000.000	5134.184	5403265.10	15.4076	A	2.2
7	☐	10000.000	9918.387	11113552.82	29.7648	A	3.7
8	☐			9841.25	0.0271	P	4.4

$$y = 0.0030 * x + 1.2053E-004$$

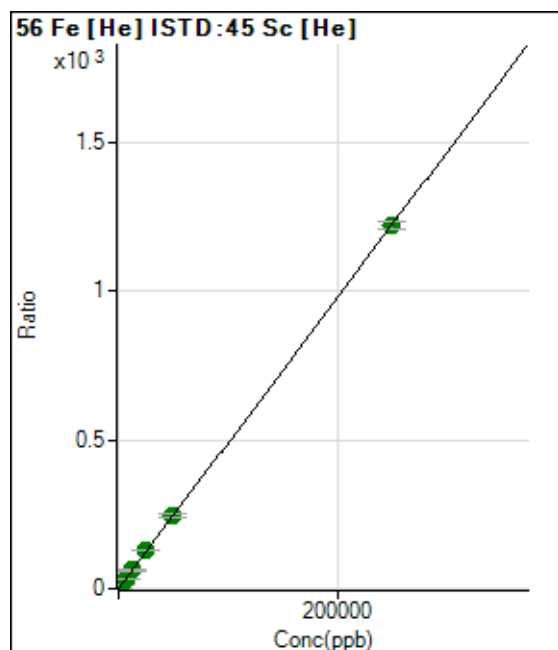
$$R = 0.9999$$

$$DL = 0.07271$$

$$BEC = 0.04016$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7596.66	0.0216	P	16.2
2	☐	50.000	54.927	96744.77	0.2898	P	6.6
3	☐	2500.000	2672.209	4559595.93	13.0687	A	2.7
4	☐	6250.000	6531.399	11329561.02	31.9113	A	1.1
5	☐	12500.000	12871.269	22628647.03	62.8658	A	4.8
6	☐	25000.000	26280.606	44999496.84	128.3372	A	3.4
7	☐	50000.000	50534.065	92130255.76	246.7551	A	3.8
8	☐	250000.00	249737.80	442755802.4	1,219.371	A	2.1

$$y = 0.0049 * x + 0.0216$$

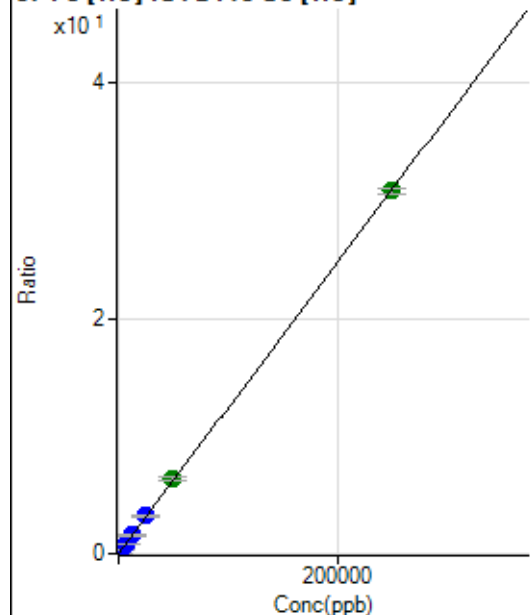
$$R = 1.0000$$

$$DL = 2.152$$

$$BEC = 4.425$$

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	229.63	0.0007	P	5.7
2	☐	50.000	55.298	2494.71	0.0075	P	12.0
3	☐	2500.000	2674.068	115607.92	0.3313	P	2.1
4	☐	6250.000	6487.262	285034.92	0.8029	P	2.0
5	☐	12500.000	12688.101	565134.80	1.5697	P	4.1
6	☐	25000.000	25890.755	1122804.11	3.2024	P	3.3
7	☐	50000.000	51563.143	2380702.83	6.3772	A	4.8
8	☐	250000.00	249581.21	11207798.05	30.8650	A	1.7

$$y = 1.2366\text{E-}004 * x + 6.5371\text{E-}004$$

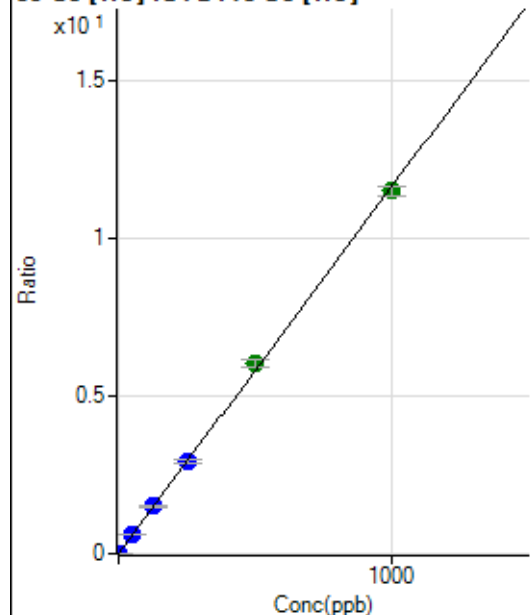
$$R = 1.0000$$

$$DL = 0.9101$$

$$BEC = 5.286$$

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	47.78	0.0001	P	5.7
2	☐	1.000	1.154	4524.09	0.0135	P	7.0
3	☐	50.000	52.618	213396.94	0.6116	P	2.0
4	☐	125.000	129.353	533697.94	1.5033	P	2.0
5	☐	250.000	252.094	1054632.70	2.9297	P	4.6
6	☐	500.000	519.027	2114862.61	6.0317	A	3.1
7	☐	1000.000	989.288	4293331.95	11.4966	A	2.6
8	☐			9854.60	0.0271	P	3.5

$$y = 0.0116 * x + 1.3617\text{E-}004$$

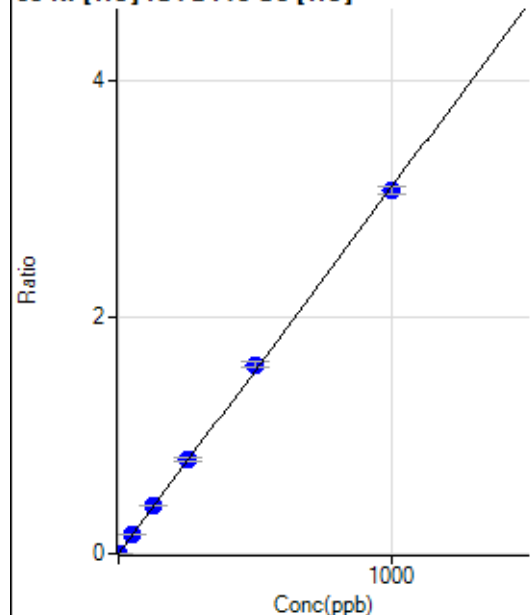
$$R = 0.9997$$

$$DL = 0.002016$$

$$BEC = 0.01172$$

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	25.55	0.0001	P	16.7
2	☐	1.000	1.232	1298.96	0.0039	P	11.1
3	☐	50.000	53.597	58063.45	0.1664	P	3.2
4	☐	125.000	131.345	144761.87	0.4078	P	1.5
5	☐	250.000	255.208	285237.87	0.7922	P	4.0
6	☐	500.000	515.628	561202.25	1.6005	P	2.9
7	☐	1000.000	989.911	1147488.04	3.0726	P	2.3
8	☐			3379.32	0.0093	P	3.9

$$y = 0.0031 * x + 7.2905E-005$$

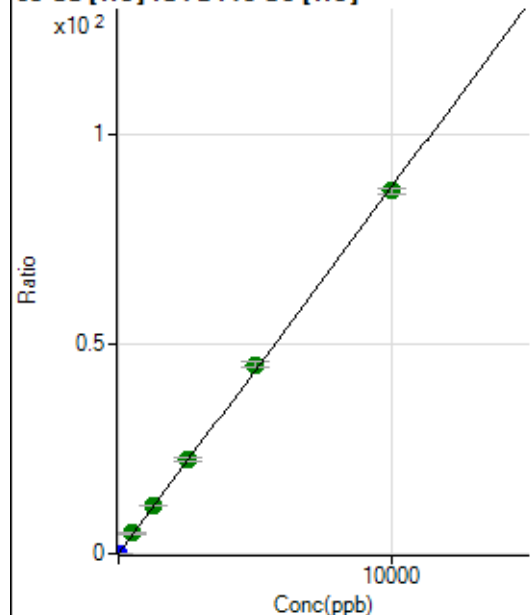
$$R = 0.9998$$

$$DL = 0.01179$$

$$BEC = 0.02349$$

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	668.91	0.0019	P	10.2
2	☐	2.000	2.132	6851.72	0.0205	P	7.2
3	☐	500.000	550.913	1680195.13	4.8160	A	3.2
4	☐	1250.000	1311.469	4068988.21	11.4621	A	2.4
5	☐	2500.000	2567.855	8077451.55	22.4409	A	5.0
6	☐	5000.000	5152.758	15788261.15	45.0288	A	3.1
7	☐	10000.000	9896.428	32300920.91	86.4810	A	1.6
8	☐			7457.58	0.0205	P	3.7

$$y = 0.0087 * x + 0.0019$$

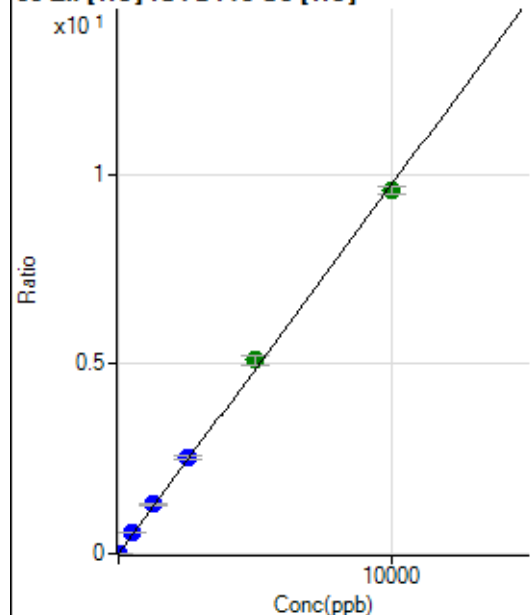
$$R = 0.9998$$

$$DL = 0.06664$$

$$BEC = 0.2177$$

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	193.15	0.0006	P	12.6
2	☐	2.000	2.558	1015.08	0.0030	P	2.6
3	☐	500.000	553.572	187759.61	0.5381	P	2.3
4	☐	1250.000	1337.899	461448.20	1.2998	P	2.0
5	☐	2500.000	2607.999	912312.78	2.5332	P	3.1
6	☐	5000.000	5244.091	1785399.41	5.0932	A	4.5
7	☐	10000.000	9837.289	3567998.38	9.5538	A	2.1
8	☐			9871.64	0.0272	P	0.1

$$y = 9.7113\text{E-}004 * x + 5.5021\text{E-}004$$

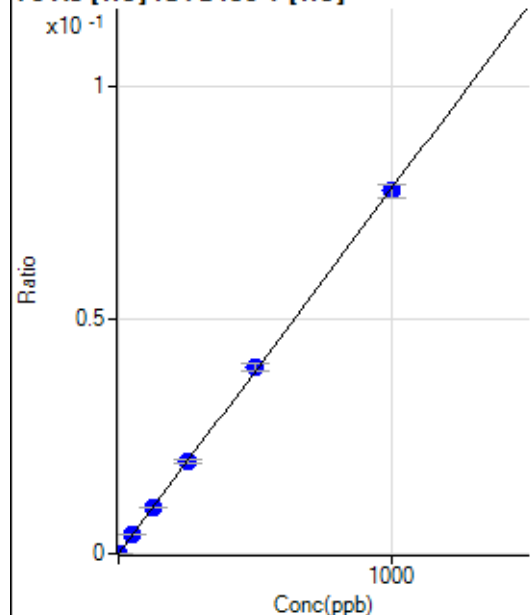
$$R = 0.9995$$

$$DL = 0.2144$$

$$BEC = 0.5666$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.00	0.0000	P	1.6
2	☐	1.000	1.170	219.02	0.0001	P	7.0
3	☐	50.000	52.417	10262.42	0.0041	P	2.9
4	☐	125.000	126.580	25213.95	0.0099	P	3.4
5	☐	250.000	253.408	50426.10	0.0198	P	5.0
6	☐	500.000	509.445	99651.46	0.0397	P	3.8
7	☐	1000.000	994.107	205623.51	0.0775	P	3.8
8	☐			71.68	0.0000	P	5.4

$$y = 7.7973\text{E-}005 * x + 1.6140\text{E-}006$$

$$R = 0.9999$$

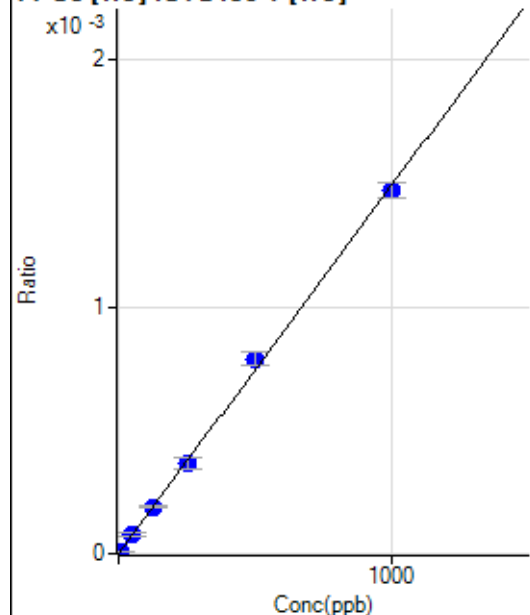
$$DL = 0.001016$$

$$BEC = 0.0207$$

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	6.636	23.33	0.0000	P	15.9
3	☐	50.000	52.542	196.67	0.0001	P	15.5
4	☐	125.000	127.673	486.68	0.0002	P	6.4
5	☐	250.000	245.459	934.48	0.0004	P	12.0
6	☐	500.000	530.090	1983.50	0.0008	P	6.3
7	☐	1000.000	985.621	3900.58	0.0015	P	4.3
8	☐			3.33	0.0000	P	99.7

$$y = 1.4918\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

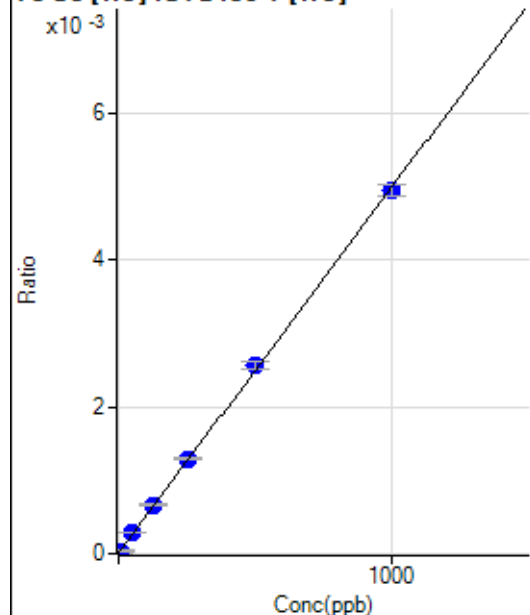
$$DL = 0$$

$$BEC = 0$$

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	19.33	0.0000	P	6.9
2	☐	5.000	6.076	89.68	0.0000	P	7.0
3	☐	50.000	56.245	721.42	0.0003	P	4.3
4	☐	125.000	131.079	1684.94	0.0007	P	2.9
5	☐	250.000	256.624	3279.72	0.0013	P	2.2
6	☐	500.000	512.342	6411.11	0.0026	P	3.8
7	☐	1000.000	991.095	13095.39	0.0049	P	3.2
8	☐			32.33	0.0000	P	21.0

$$y = 4.9726\text{E-}006 * x + 7.7968\text{E-}006$$

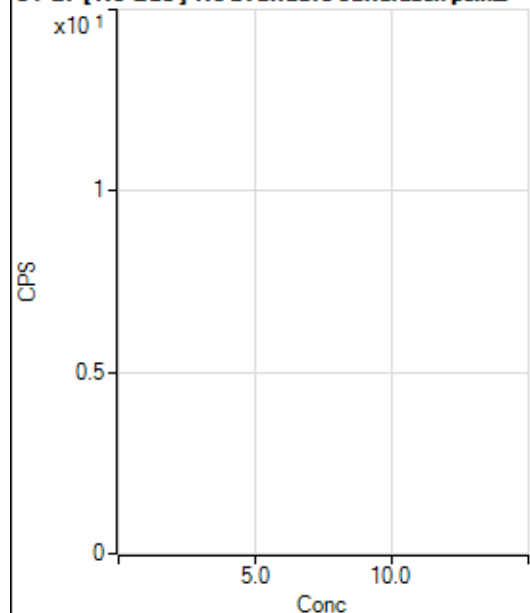
$$R = 0.9999$$

$$DL = 0.3244$$

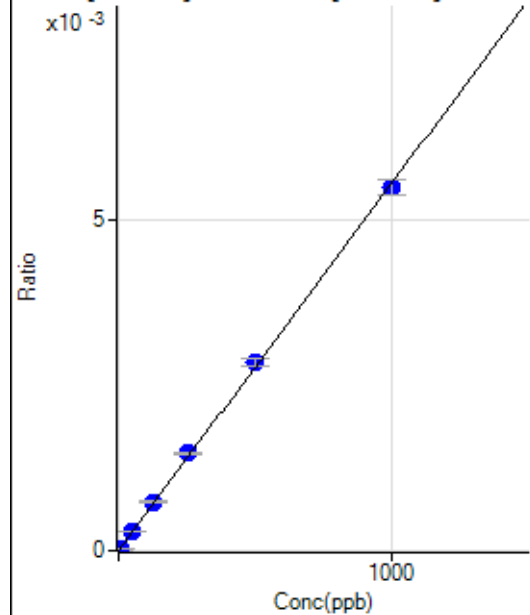
$$BEC = 1.568$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7326.19		P	6.4
2	☐			7102.51		P	5.6
3	☐			6918.87		P	4.7
4	☐			6832.06		P	5.6
5	☐			6868.77		P	9.3
6	☐			7215.98		P	5.3
7	☐			7676.70		P	1.7
8	☐			7563.21		P	5.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.33	0.0000	P	247.
2	☐	5.000	5.306	941.84	0.0000	P	5.2
3	☐	50.000	52.832	9123.96	0.0003	P	2.6
4	☐	125.000	133.346	22335.93	0.0007	P	0.8
5	☐	250.000	266.312	44536.54	0.0015	P	1.9
6	☐	500.000	512.903	86027.82	0.0029	P	4.9
7	☐	1000.000	988.284	174476.84	0.0055	P	4.1
8	☐			16.66	0.0000	P	356.

$$y = 5.5606E-006 * x + 6.8925E-007$$

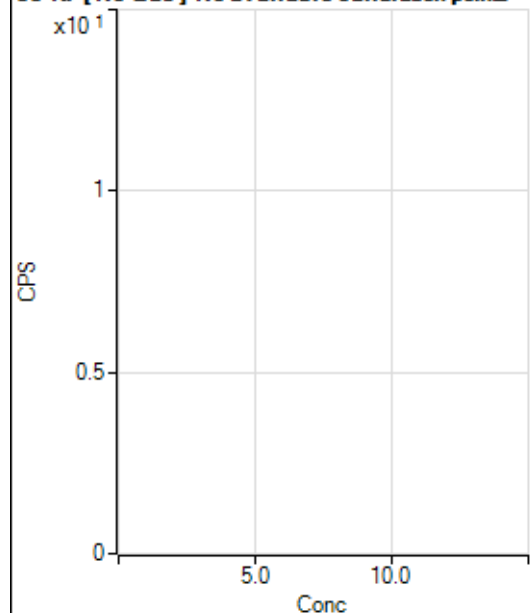
$$R = 0.9997$$

$$DL = 0.9219$$

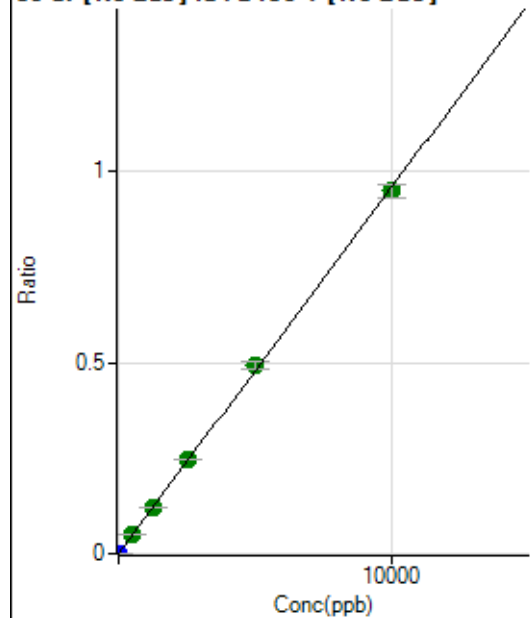
$$BEC = 0.124$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			547.79		P	10.9
2	☐			545.57		P	13.6
3	☐			532.24		P	1.6
4	☐			601.13		P	9.2
5	☐			602.24		P	8.7
6	☐			584.47		P	3.6
7	☐			566.68		P	3.5
8	☐			621.13		P	7.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1127.86	0.0000	P	8.4
2	☐	1.000	1.123	4520.29	0.0001	P	9.3
3	☐	500.000	515.262	1533238.79	0.0495	A	1.4
4	☐	1250.000	1272.838	3676355.38	0.1222	A	1.0
5	☐	2500.000	2572.213	7420185.06	0.2468	A	1.3
6	☐	5000.000	5145.242	14889972.55	0.4937	A	4.5
7	☐	10000.000	9905.708	30173417.69	0.9504	A	3.9
8	☐			12547.63	0.0004	P	6.3

$$y = 9.5943\text{E-}005 * x + 3.7160\text{E-}005$$

$$R = 0.9998$$

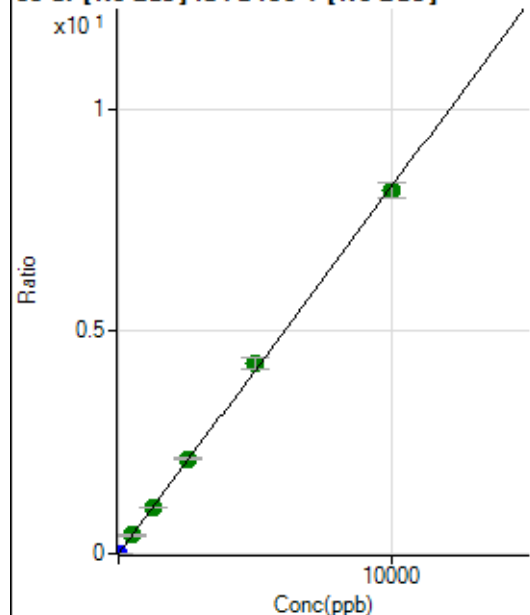
$$DL = 0.09745$$

$$BEC = 0.3873$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	552.81	0.0000	P	1.7
2	☐	1.000	1.096	28799.92	0.0009	P	2.5
3	☐	500.000	500.734	12814039.96	0.4135	A	1.9
4	☐	1250.000	1261.720	31356881.95	1.0419	A	0.8
5	☐	2500.000	2584.351	64165081.30	2.1341	A	1.3
6	☐	5000.000	5184.857	129108165.3	4.2815	A	5.2
7	☐	10000.000	9884.982	259123941.9	8.1628	A	4.2
8	☐			103487.93	0.0034	P	7.3

$$y = 8.2577\text{E-}004 * x + 1.8166\text{E-}005$$

$$R = 0.9997$$

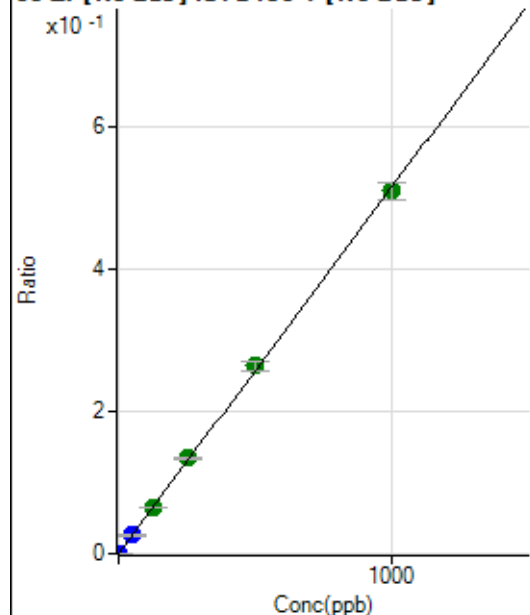
$$DL = 0.001101$$

$$BEC = 0.022$$

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	1658.48	0.0001	P	8.9
2	☐	1.000	0.952	16944.11	0.0005	P	3.5
3	☐	50.000	50.275	802070.92	0.0259	P	2.9
4	☐	125.000	127.193	1968541.14	0.0654	A	1.0
5	☐	250.000	259.921	4017411.72	0.1336	A	1.6
6	☐	500.000	512.729	7946703.74	0.2635	A	4.9
7	☐	1000.000	990.867	16163199.32	0.5092	A	4.5
8	☐			5420.64	0.0002	P	4.3

$$y = 5.1383\text{E-}004 * x + 5.4272\text{E-}005$$

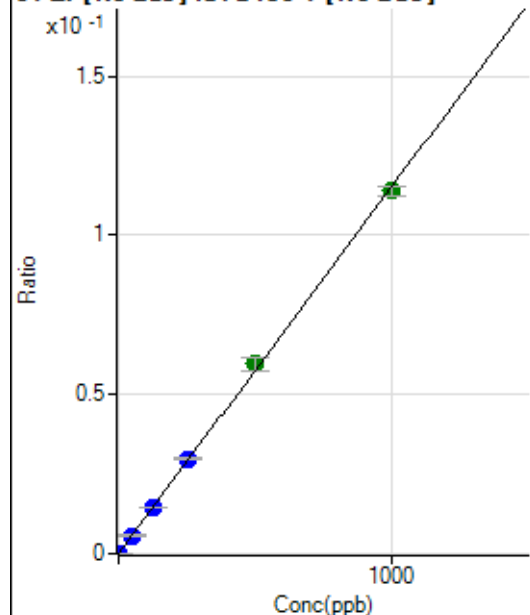
$$R = 0.9998$$

$$DL = 0.0283$$

$$BEC = 0.1056$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.79	0.0000	P	23.3
2	☐	1.000	0.974	3803.42	0.0001	P	1.5
3	☐	50.000	49.139	175573.67	0.0057	P	2.6
4	☐	125.000	126.718	439292.32	0.0146	P	1.7
5	☐	250.000	258.240	894189.75	0.0297	P	2.2
6	☐	500.000	516.764	1793462.61	0.0595	A	6.3
7	☐	1000.000	989.386	3617207.11	0.1139	A	2.9
8	☐			1172.30	0.0000	P	12.2

$$y = 1.1511\text{E-}004 * x + 9.8679\text{E-}006$$

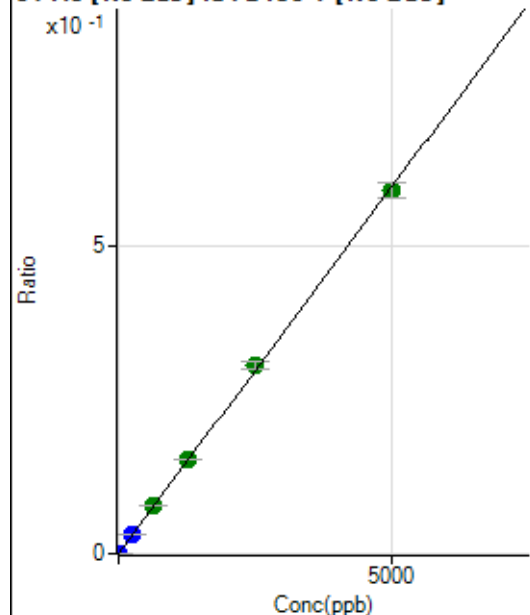
$$R = 0.9997$$

$$DL = 0.05986$$

$$BEC = 0.08572$$

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	600.03	0.0000	P	20.8
2	☐	5.000	5.084	19486.32	0.0006	P	2.5
3	☐	250.000	254.184	937979.19	0.0303	P	2.6
4	☐	625.000	647.696	2320541.31	0.0771	A	1.1
5	☐	1250.000	1296.485	4639962.17	0.1543	A	0.3
6	☐	2500.000	2569.876	9226557.67	0.3059	A	4.1
7	☐	5000.000	4950.394	18703211.01	0.5892	A	4.4
8	☐			5381.75	0.0002	P	5.9

$$y = 1.1902\text{E-}004 * x + 1.9806\text{E-}005$$

$$R = 0.9998$$

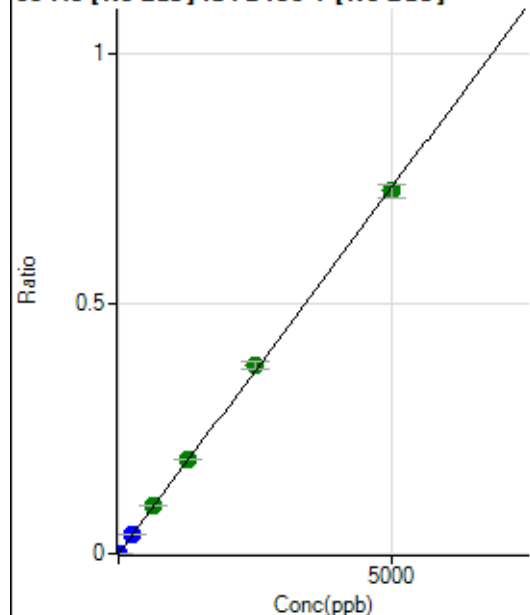
$$DL = 0.104$$

$$BEC = 0.1664$$

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	24.3
2	☐	5.000	5.108	23314.54	0.0007	P	1.9
3	☐	250.000	254.509	1152737.53	0.0372	P	3.0
4	☐	625.000	649.232	2856367.16	0.0949	A	1.0
5	☐	1250.000	1282.664	5637089.66	0.1875	A	1.1
6	☐	2500.000	2562.785	11300573.95	0.3746	A	4.1
7	☐	5000.000	4957.187	23008101.90	0.7247	A	3.7
8	☐			6209.90	0.0002	P	17.5

$$y = 1.4618\text{E-}004 * x + 9.2193\text{E-}007$$

$$R = 0.9999$$

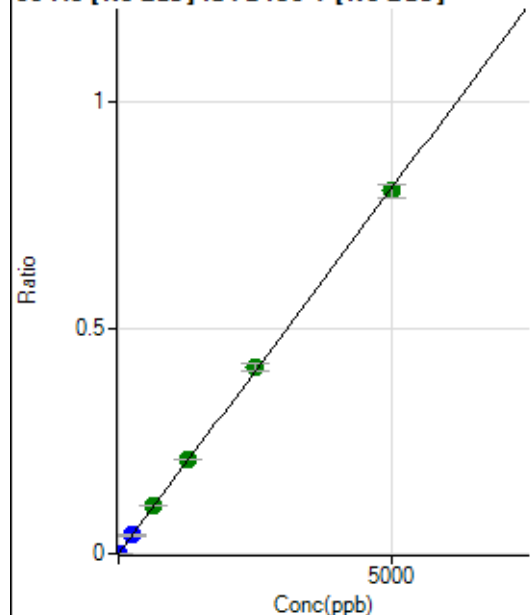
$$DL = 0.004598$$

$$BEC = 0.006307$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	29.1
2	☐	5.000	5.154	26108.48	0.0008	P	2.4
3	☐	250.000	252.138	1263669.57	0.0408	P	3.0
4	☐	625.000	650.414	3166257.69	0.1052	A	1.2
5	☐	1250.000	1284.595	6246837.60	0.2078	A	1.0
6	☐	2500.000	2543.991	12412274.32	0.4115	A	4.1
7	☐	5000.000	4966.072	25500811.85	0.8033	A	4.0
8	☐			8989.30	0.0003	P	14.3

$$y = 1.6175\text{E-}004 * x + 3.6513\text{E-}006$$

$$R = 0.9999$$

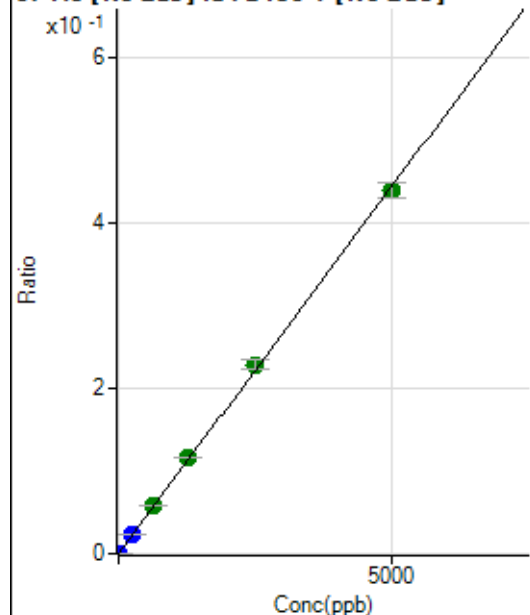
$$DL = 0.01971$$

$$BEC = 0.02257$$

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	19.44	0.0000	P	52.6
2	☐	5.000	5.131	14216.00	0.0005	P	1.8
3	☐	250.000	254.805	700480.21	0.0226	P	2.3
4	☐	625.000	658.042	1756877.25	0.0584	A	1.7
5	☐	1250.000	1307.952	3488180.16	0.1160	A	1.4
6	☐	2500.000	2575.537	6889651.80	0.2285	A	5.2
7	☐	5000.000	4943.373	13921733.65	0.4385	A	4.2
8	☐			3639.48	0.0001	P	19.7

$$y = 8.8713\text{E-}005 * x + 6.5143\text{E-}007$$

$$R = 0.9997$$

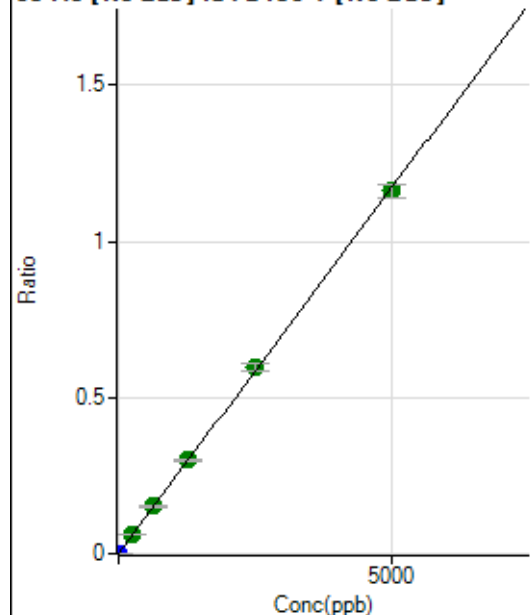
$$DL = 0.01158$$

$$BEC = 0.007343$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	47.0
2	☐	5.000	5.162	37740.89	0.0012	P	3.3
3	☐	250.000	252.871	1834650.76	0.0592	A	1.6
4	☐	625.000	645.749	4549522.98	0.1512	A	0.8
5	☐	1250.000	1280.986	9014381.80	0.2999	A	2.1
6	☐	2500.000	2556.632	18051267.07	0.5985	A	4.5
7	☐	5000.000	4961.200	36872520.96	1.1614	A	3.9
8	☐			8577.88	0.0003	P	11.1

$$y = 2.3410\text{E-}004 * x + 2.0488\text{E-}006$$

$$R = 0.9999$$

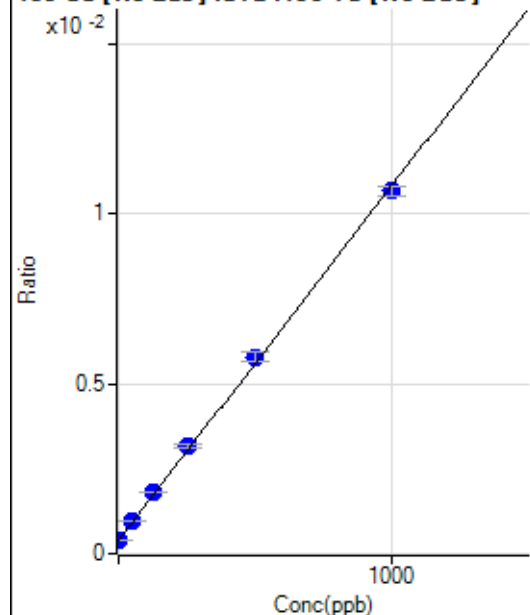
$$DL = 0.01235$$

$$BEC = 0.008752$$

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	9264.58	0.0004	P	7.0
2	☐	1.000	1.795	9951.08	0.0004	P	2.8
3	☐	50.000	53.284	22872.29	0.0010	P	0.5
4	☐	125.000	133.601	42310.00	0.0018	P	0.4
5	☐	250.000	265.403	74370.83	0.0032	P	2.8
6	☐	500.000	517.161	136997.56	0.0058	P	4.8
7	☐	1000.000	986.329	264450.12	0.0107	P	2.6
8	☐			8650.21	0.0004	P	5.6

$$y = 1.0432\text{E-}005 * x + 3.9430\text{E-}004$$

$$R = 0.9996$$

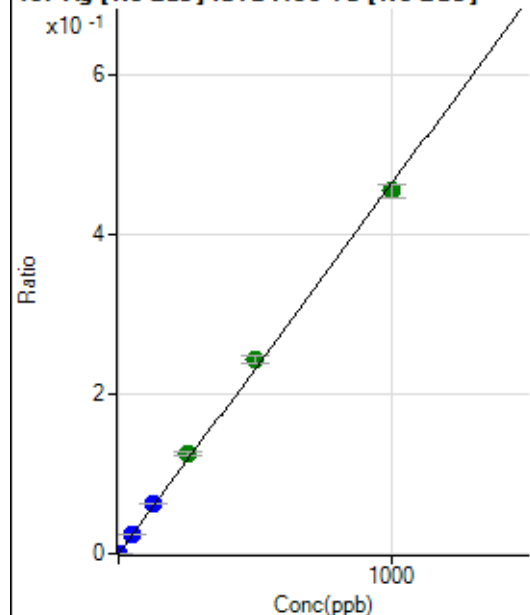
$$DL = 7.94$$

$$BEC = 37.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	17.2
2	☐	1.000	0.988	11202.07	0.0005	P	3.7
3	☐	50.000	53.230	593096.46	0.0246	P	2.0
4	☐	125.000	133.513	1462135.74	0.0618	P	1.0
5	☐	250.000	269.986	2937898.91	0.1250	A	2.6
6	☐	500.000	525.131	5751086.72	0.2430	A	4.6
7	☐	1000.000	981.212	11236772.21	0.4541	A	3.8
8	☐			3494.99	0.0001	P	6.7

$$y = 4.6278\text{E-}004 * x + 7.7391\text{E-}006$$

$$R = 0.9993$$

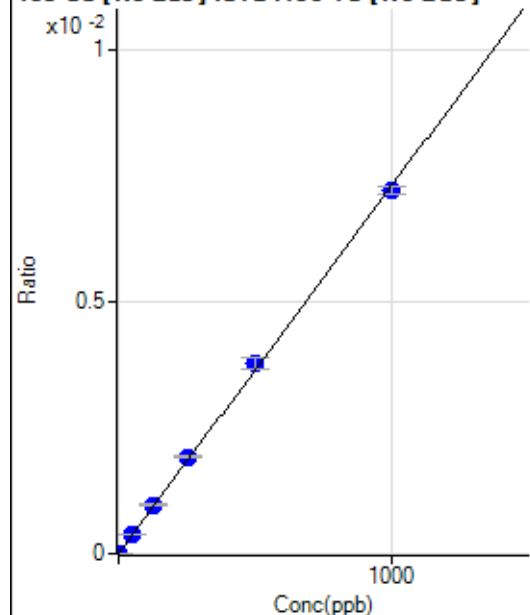
$$DL = 0.00863$$

$$BEC = 0.01672$$

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	47.22	0.0000	P	11.1
2	☐	1.000	1.043	231.95	0.0000	P	10.9
3	☐	50.000	52.575	9289.35	0.0004	P	1.7
4	☐	125.000	132.831	22998.49	0.0010	P	1.6
5	☐	250.000	262.588	45134.84	0.0019	P	2.3
6	☐	500.000	517.874	89518.67	0.0038	P	5.5
7	☐	1000.000	986.809	178411.99	0.0072	P	2.3
8	☐			211.12	0.0000	P	11.2

$$y = 7.3027\text{E-}006 * x + 1.9994\text{E-}006$$

$$R = 0.9997$$

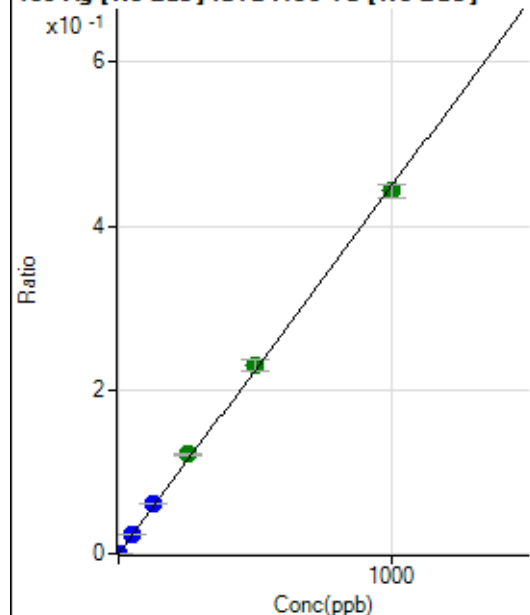
$$DL = 0.09113$$

$$BEC = 0.2738$$

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	38.89	0.0000	P	70.2
2	☐	1.000	0.999	10823.98	0.0004	P	9.1
3	☐	50.000	52.521	566863.34	0.0236	P	1.5
4	☐	125.000	134.729	1429549.07	0.0604	P	0.3
5	☐	250.000	269.874	2845862.32	0.1210	A	1.6
6	☐	500.000	512.364	5435241.27	0.2297	A	5.8
7	☐	1000.000	987.507	10958330.37	0.4428	A	3.5
8	☐			3222.70	0.0001	P	14.2

$$y = 4.4841\text{E-}004 * x + 1.7161\text{E-}006$$

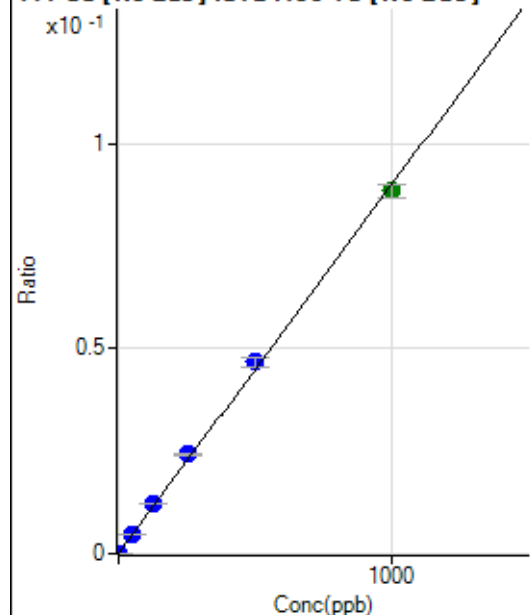
$$R = 0.9996$$

$$DL = 0.008054$$

$$BEC = 0.003827$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	907.29	0.0000	P	6.9
2	☐	1.000	1.089	3291.33	0.0001	P	0.7
3	☐	50.000	53.025	115749.40	0.0048	P	1.4
4	☐	125.000	133.555	285224.98	0.0121	P	1.3
5	☐	250.000	268.843	569630.08	0.0242	P	1.9
6	☐	500.000	520.595	1109122.87	0.0469	P	5.0
7	☐	1000.000	983.771	2191287.14	0.0885	A	3.7
8	☐			1228.37	0.0001	P	5.9

$$y = 8.9966\text{E-}005 * x + 3.8630\text{E-}005$$

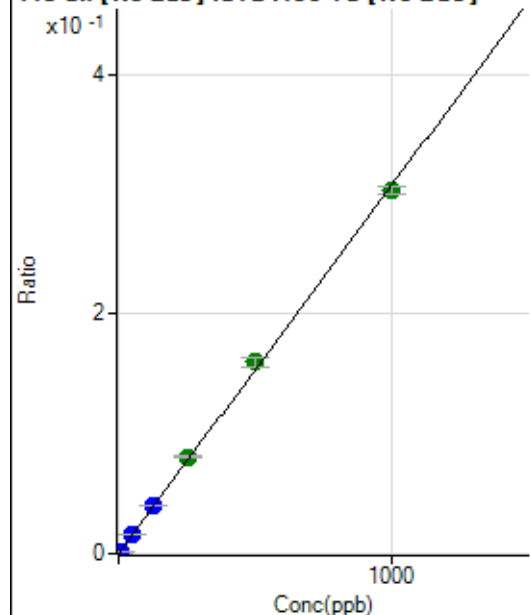
$$R = 0.9995$$

$$DL = 0.08935$$

$$BEC = 0.4294$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1100.08	0.0000	P	24.7
2	☐	5.000	5.107	38928.35	0.0016	P	0.7
3	☐	50.000	51.261	380088.36	0.0158	P	2.7
4	☐	125.000	129.946	945563.88	0.0400	P	1.4
5	☐	250.000	262.684	1898358.90	0.0807	A	2.6
6	☐	500.000	520.496	3784694.05	0.1599	A	4.6
7	☐	1000.000	985.899	7496969.96	0.3029	A	2.0
8	☐			7341.10	0.0003	P	7.9

$$y = 3.0718\text{E-}004 * x + 4.7339\text{E-}005$$

$$R = 0.9996$$

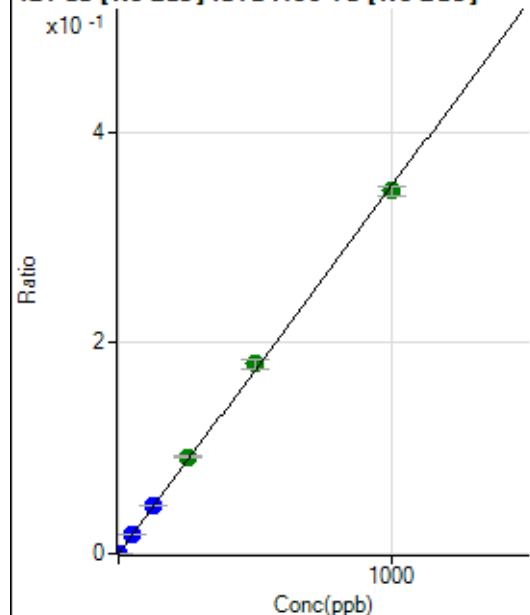
$$DL = 0.1142$$

$$BEC = 0.1541$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	77.8
2	☐	2.000	2.018	17008.23	0.0007	P	3.3
3	☐	50.000	51.309	430332.99	0.0179	P	1.6
4	☐	125.000	131.323	1082679.00	0.0458	P	1.1
5	☐	250.000	263.317	2157377.48	0.0917	A	1.5
6	☐	500.000	517.012	4262190.76	0.1801	A	5.1
7	☐	1000.000	987.309	8514050.28	0.3440	A	2.3
8	☐			5601.30	0.0002	P	3.8

$$y = 3.4842\text{E-}004 * x + 2.8020\text{E-}006$$

$$R = 0.9997$$

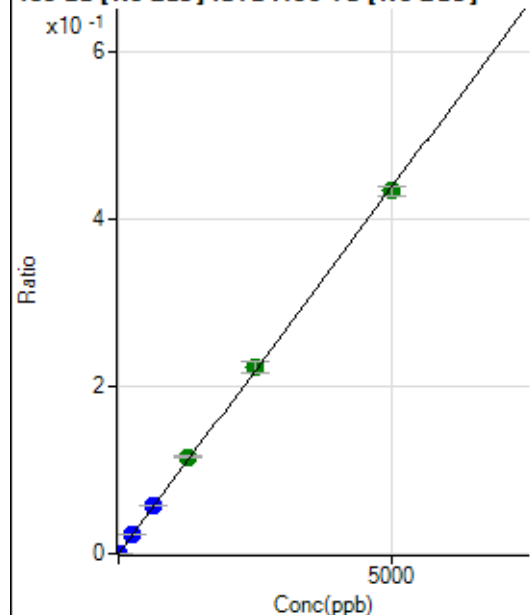
$$DL = 0.01876$$

$$BEC = 0.008042$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	16.0
2	☐	10.000	10.044	21261.68	0.0009	P	0.3
3	☐	250.000	253.149	533837.29	0.0222	P	2.1
4	☐	625.000	649.001	1345395.49	0.0569	P	1.2
5	☐	1250.000	1319.870	2719128.73	0.1156	A	1.4
6	☐	2500.000	2553.330	5291701.07	0.2237	A	5.8
7	☐	5000.000	4952.710	10739445.29	0.4339	A	2.5
8	☐			4400.85	0.0002	P	2.2

$$y = 8.7611\text{E-}005 * x + 2.6237\text{E-}006$$

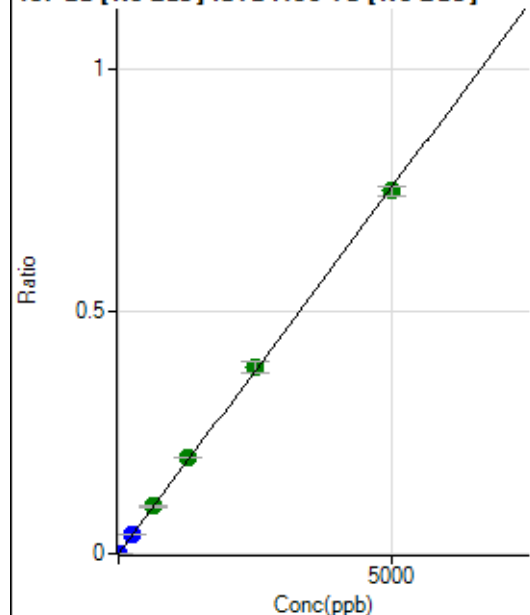
$$R = 0.9998$$

$$DL = 0.01442$$

$$BEC = 0.02995$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	6.2
2	☐	10.000	10.340	37736.90	0.0016	P	4.1
3	☐	250.000	256.034	931433.20	0.0387	P	1.3
4	☐	625.000	648.782	2320053.65	0.0981	A	1.7
5	☐	1250.000	1309.347	4653658.48	0.1979	A	0.1
6	☐	2500.000	2552.184	9121652.38	0.3857	A	6.9
7	☐	5000.000	4955.796	18536781.66	0.7490	A	2.9
8	☐			7924.78	0.0003	P	8.7

$$y = 1.5113E-004 * x + 4.2628E-006$$

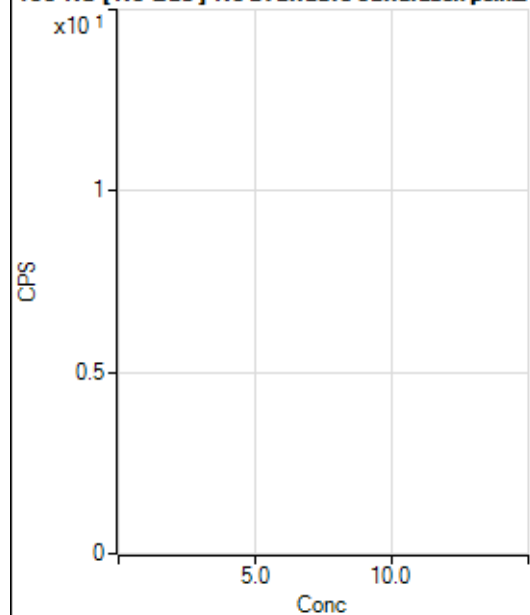
$$R = 0.9998$$

$$DL = 0.005262$$

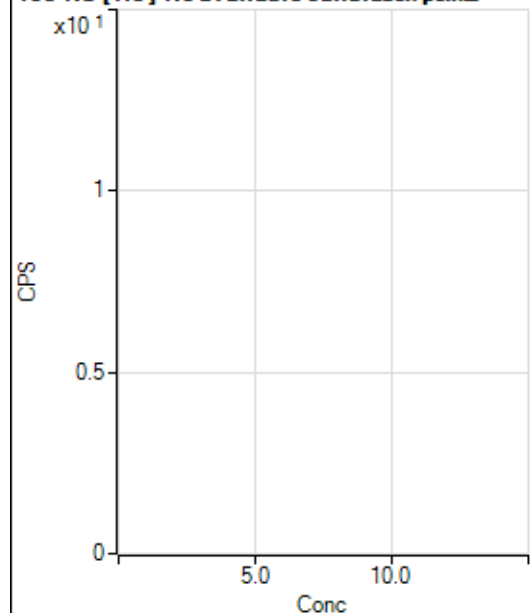
$$BEC = 0.02821$$

Weight: <None>

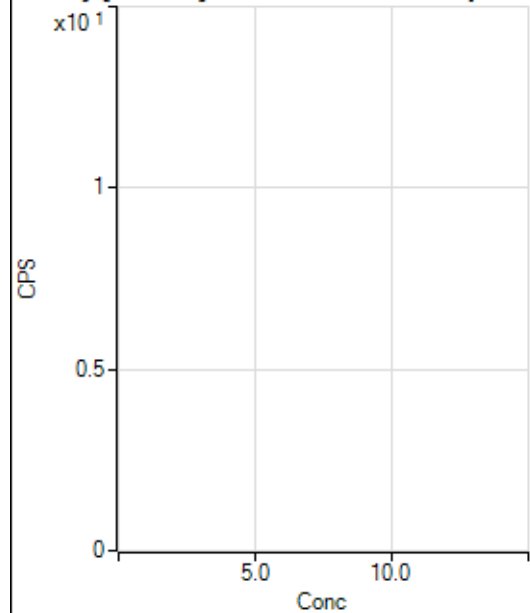
Min Conc: 0

150 Nd [No Gas] No available calibration points

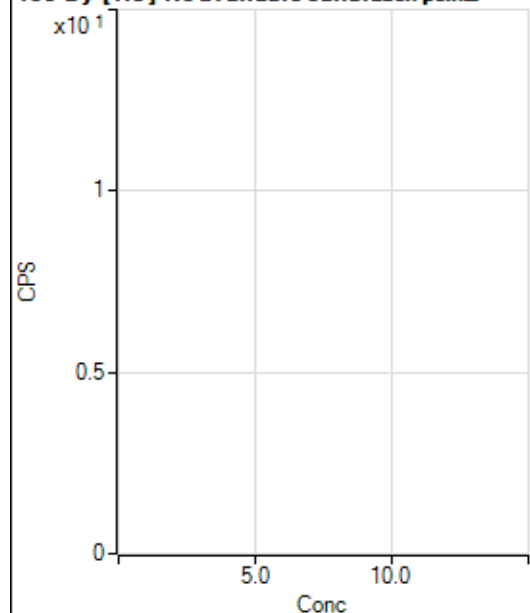
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			6.67		P	100.
3	☐			46.67		P	42.9
4	☐			106.67		P	6.3
5	☐			171.12		P	11.2
6	☐			311.12		P	8.7
7	☐			604.47		P	21.0
8	☐			71.12		P	32.9

150 Nd [He] No available calibration points

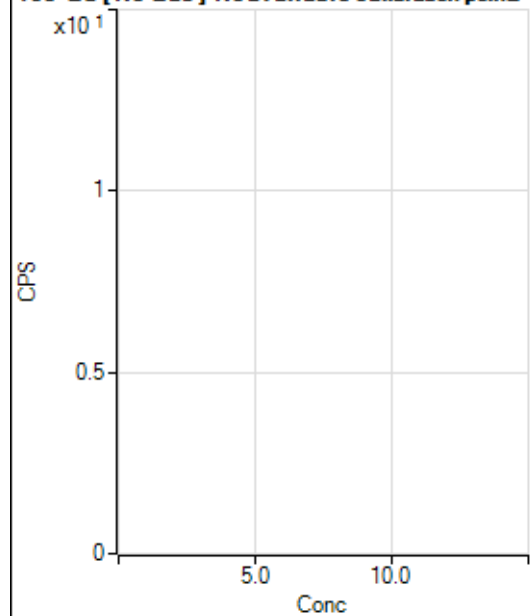
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			1.11		P	173.
3	☐			4.44		P	114.
4	☐			7.78		P	49.5
5	☐			24.45		P	43.8
6	☐			38.89		P	13.1
7	☐			64.45		P	52.3
8	☐			12.22		P	15.7

156 Dy [No Gas] No available calibration points

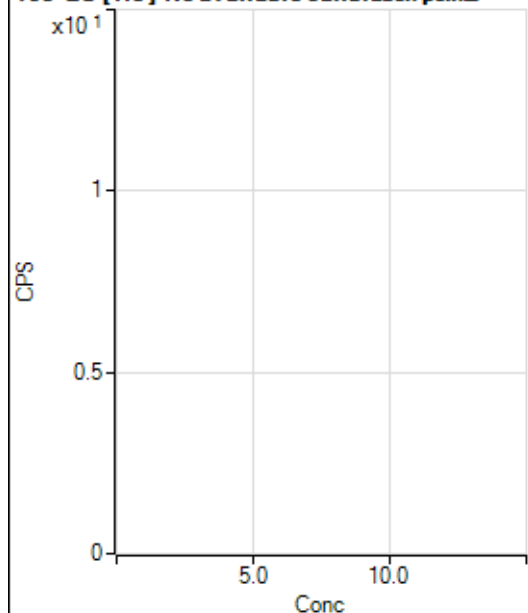
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			30.55		P	15.7
3	☐			52.78		P	32.9
4	☐			63.89		P	19.9
5	☐			147.23		P	32.7
6	☐			269.46		P	7.8
7	☐			477.80		P	14.6
8	☐			1511.24		P	11.3

156 Dy [He] No available calibration points

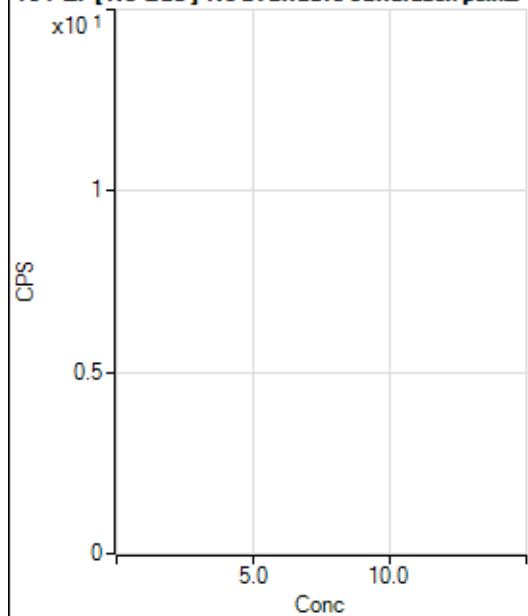
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			3.33		P	100.
3	☐			17.78		P	65.8
4	☐			32.22		P	33.3
5	☐			60.00		P	28.9
6	☐			81.11		P	19.0
7	☐			168.89		P	14.8
8	☐			561.13		P	6.5

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

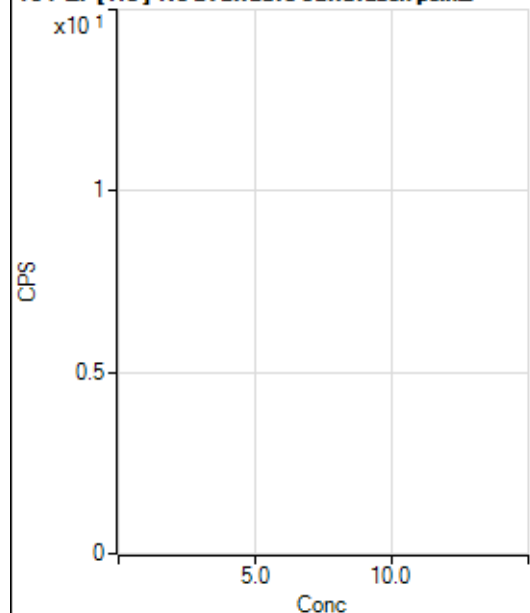
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			194.45		P	23.6
2	☐			238.90		P	2.0
3	☐			191.67		P	15.7
4	☐			211.12		P	8.2
5	☐			288.90		P	9.3
6	☐			422.24		P	12.1
7	☐			613.92		P	9.0
8	☐			1922.41		P	3.0

160 Gd [He] No available calibration points

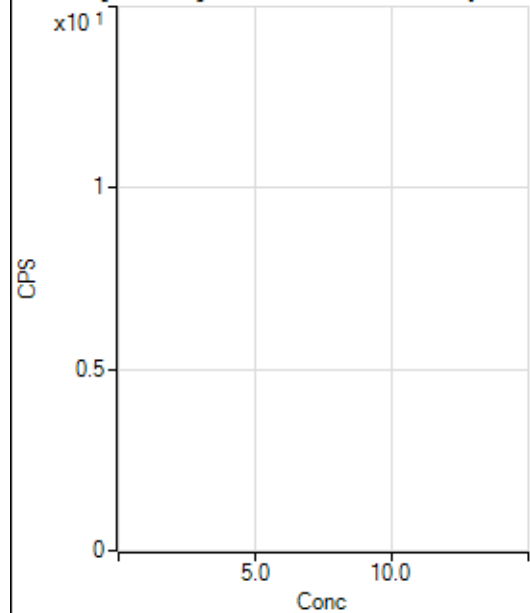
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			78.89		P	37.9
2	☐			61.11		P	25.8
3	☐			70.00		P	12.6
4	☐			85.56		P	9.8
5	☐			96.67		P	12.4
6	☐			146.67		P	25.0
7	☐			233.34		P	5.2
8	☐			756.69		P	2.7

164 Er [No Gas] No available calibration points

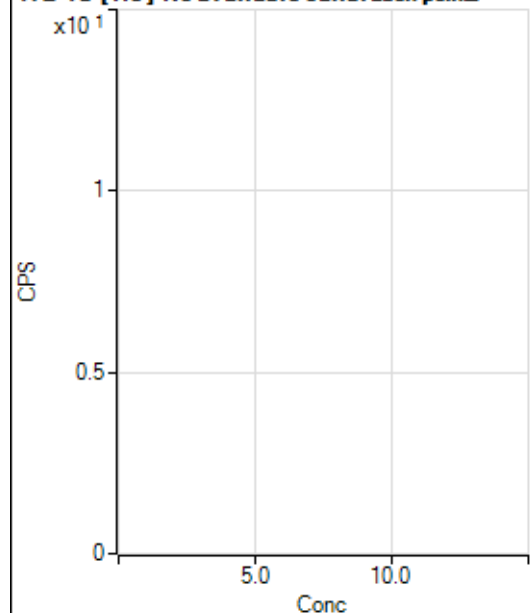
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	22.3
2	☐			152.78		P	17.5
3	☐			122.23		P	14.2
4	☐			155.56		P	20.3
5	☐			180.57		P	18.7
6	☐			233.34		P	10.7
7	☐			236.12		P	10.2
8	☐			497.25		P	7.9

164 Er [He] No available calibration points

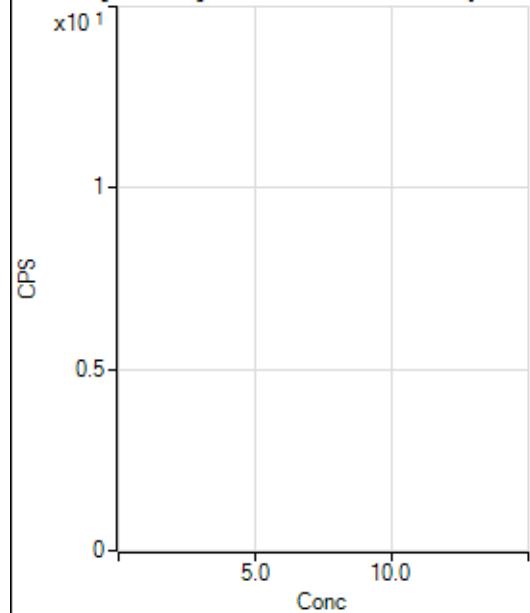
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	42.8
2	☐			27.78		P	13.9
3	☐			45.56		P	4.2
4	☐			56.67		P	20.4
5	☐			51.11		P	15.1
6	☐			68.89		P	10.1
7	☐			97.78		P	5.2
8	☐			124.45		P	6.7

172 Yb [No Gas] No available calibration points

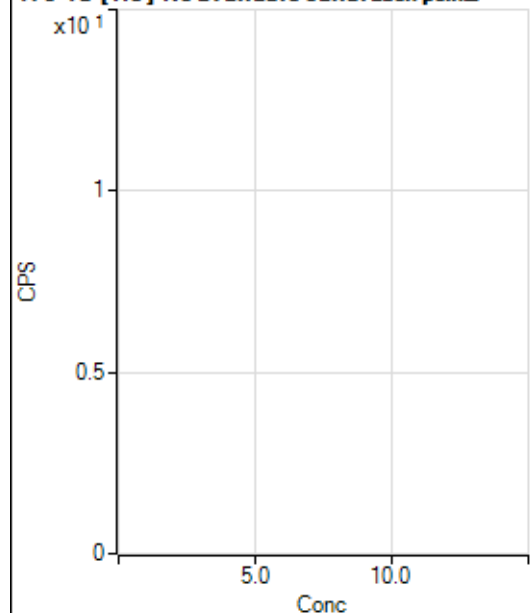
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	82.2
2	☐			58.34		P	37.8
3	☐			91.67		P	50.6
4	☐			44.45		P	47.2
5	☐			52.78		P	18.2
6	☐			50.00		P	72.7
7	☐			61.11		P	15.7
8	☐			155.56		P	20.3

172 Yb [He] No available calibration points

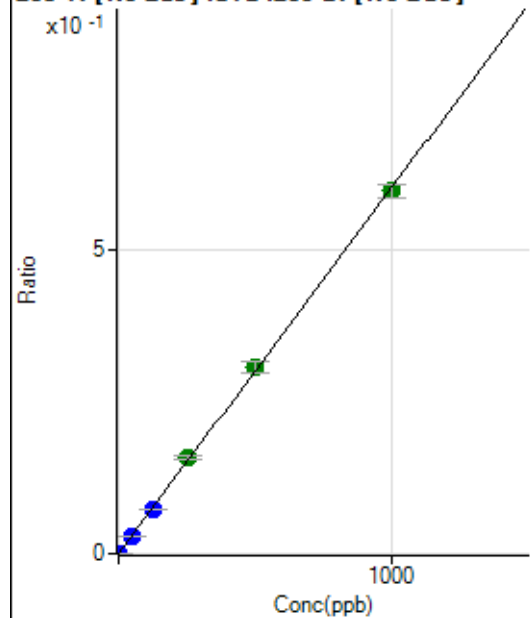
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	66.1
2	☐			25.93		P	44.6
3	☐			29.63		P	57.3
4	☐			20.37		P	56.8
5	☐			18.52		P	45.8
6	☐			24.07		P	48.0
7	☐			31.48		P	44.4
8	☐			50.00		P	22.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2892.07		P	8.4
2	☐			2861.51		P	0.7
3	☐			4826.04		P	3.3
4	☐			7274.42		P	0.5
5	☐			11655.44		P	3.3
6	☐			20864.19		P	4.2
7	☐			38467.95		P	0.7
8	☐			2589.22		P	6.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4289.67		P	1.0
2	☐			2550.30		P	11.9
3	☐			2911.49		P	5.1
4	☐			3498.68		P	4.4
5	☐			4904.71		P	6.6
6	☐			8208.26		P	2.4
7	☐			14465.51		P	2.7
8	☐			1759.41		P	6.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	286.12	0.0000	P	14.0
2	☐	1.000	1.007	9417.56	0.0006	P	2.4
3	☐	50.000	48.441	440255.24	0.0292	P	2.3
4	☐	125.000	122.899	1098656.73	0.0742	P	0.9
5	☐	250.000	264.237	2293008.12	0.1594	A	3.5
6	☐	500.000	509.733	4388654.70	0.3075	A	6.9
7	☐	1000.000	991.915	8724346.72	0.5984	A	3.9
8	☐			1947.43	0.0001	P	17.9

$$y = 6.0328E-004 * x + 1.9185E-005$$

$$R = 0.9998$$

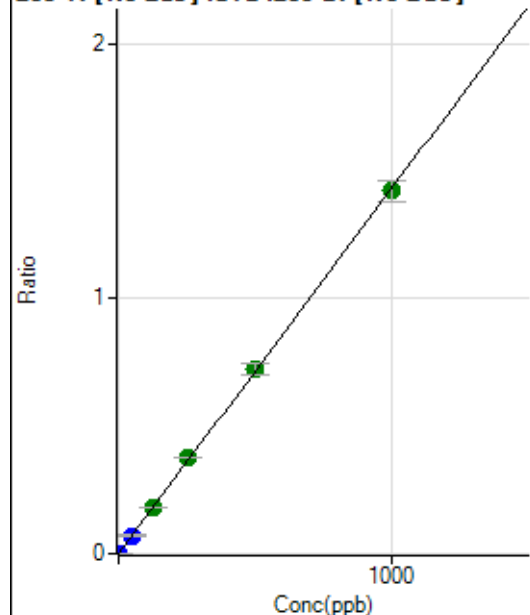
$$DL = 0.01332$$

$$BEC = 0.0318$$

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	613.92	0.0000	P	14.1
2	☐	1.000	0.979	21696.46	0.0014	P	2.1
3	☐	50.000	49.706	1072335.59	0.0712	P	2.6
4	☐	125.000	126.450	2684008.41	0.1812	A	1.0
5	☐	250.000	263.539	5430232.98	0.3775	A	1.2
6	☐	500.000	505.225	10327120.37	0.7237	A	6.9
7	☐	1000.000	993.836	20743483.97	1.4235	A	5.8
8	☐			4448.12	0.0003	P	13.6

$$y = 0.0014 * x + 4.1164E-005$$

$$R = 0.9999$$

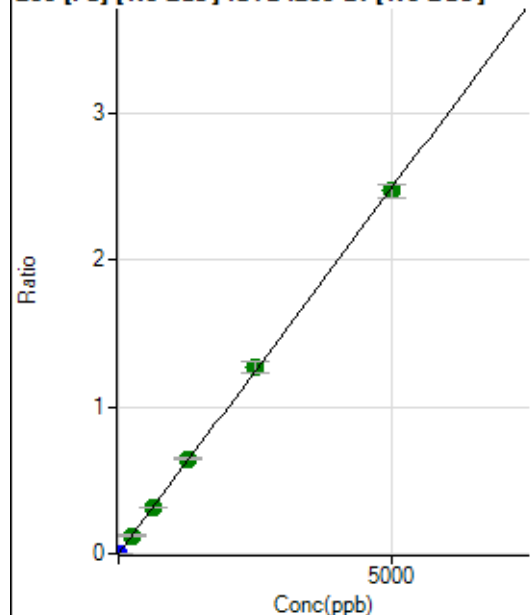
$$DL = 0.01213$$

$$BEC = 0.02874$$

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	633.36	0.0000	P	11.1
2	☐	1.000	0.989	8039.67	0.0005	P	1.5
3	☐	250.000	247.515	1856408.42	0.1234	A	4.3
4	☐	625.000	624.822	4612385.46	0.3113	A	0.6
5	☐	1250.000	1295.541	9283901.71	0.6455	A	2.4
6	☐	2500.000	2548.422	18125576.56	1.2697	A	5.9
7	☐	5000.000	4964.550	36058884.60	2.4734	A	4.0
8	☐			16842.69	0.0013	P	9.1

$$y = 4.9820E-004 * x + 4.2098E-005$$

$$R = 0.9999$$

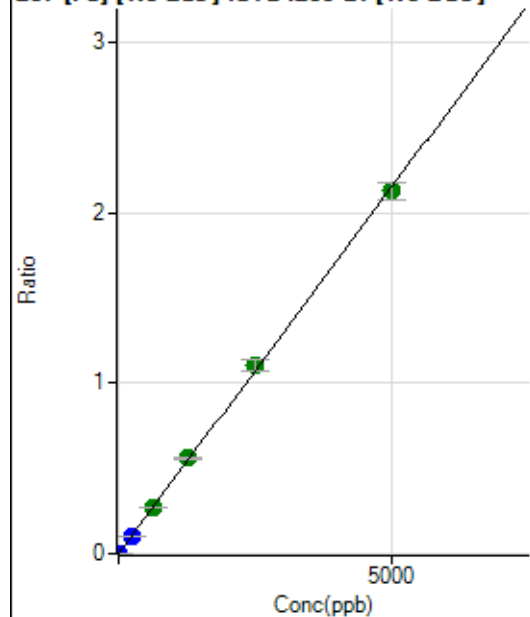
$$DL = 0.02821$$

$$BEC = 0.0845$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	581.51	0.0000	P	12.8
2	☐	1.000	1.018	7163.22	0.0005	P	3.1
3	☐	250.000	238.446	1543451.62	0.1025	P	3.2
4	☐	625.000	631.641	4023217.25	0.2716	A	1.5
5	☐	1250.000	1299.856	8037278.48	0.5588	A	3.2
6	☐	2500.000	2571.527	15782493.76	1.1055	A	5.7
7	☐	5000.000	4951.520	31026052.54	2.1286	A	4.6
8	☐			15107.17	0.0012	P	4.5

$$y = 4.2988\text{E-}004 * x + 3.8961\text{E-}005$$

$$R = 0.9998$$

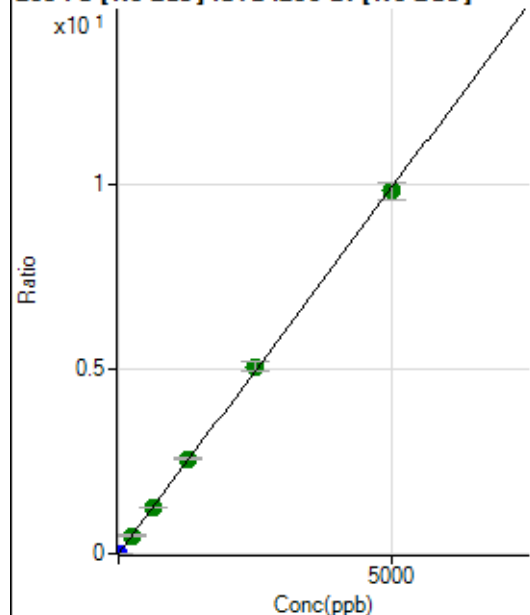
$$DL = 0.03483$$

$$BEC = 0.09063$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2652.01	0.0002	P	0.6
2	☐	1.000	0.999	32362.62	0.0022	P	1.2
3	☐	250.000	246.357	7338592.80	0.4876	A	3.2
4	☐	625.000	624.854	18316221.33	1.2363	A	0.5
5	☐	1250.000	1292.280	36776230.39	2.5567	A	1.8
6	☐	2500.000	2561.896	72356545.25	5.0684	A	5.9
7	☐	5000.000	4958.682	142992884.2	9.8101	A	4.6
8	☐			68087.66	0.0052	P	7.4

$$y = 0.0020 * x + 1.7699\text{E-}004$$

$$R = 0.9998$$

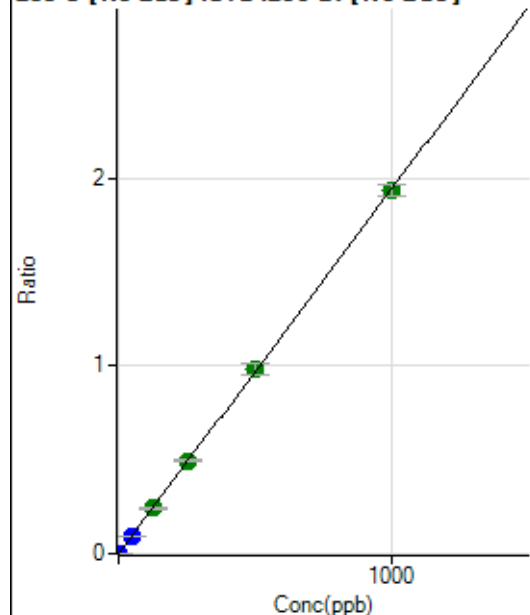
$$DL = 0.001493$$

$$BEC = 0.08947$$

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	25.00	0.0000	P	53.0
2	☐	1.000	0.945	27600.18	0.0018	P	0.7
3	☐	50.000	47.407	1384800.16	0.0920	P	3.4
4	☐	125.000	124.288	3573127.64	0.2412	A	1.4
5	☐	250.000	254.761	7112993.91	0.4944	A	1.0
6	☐	500.000	506.957	14046799.27	0.9838	A	5.6
7	☐	1000.000	995.550	28169511.05	1.9320	A	3.3
8	☐			3161.59	0.0002	P	9.8

$$y = 0.0019 * x + 1.6442E-006$$

$$R = 0.9999$$

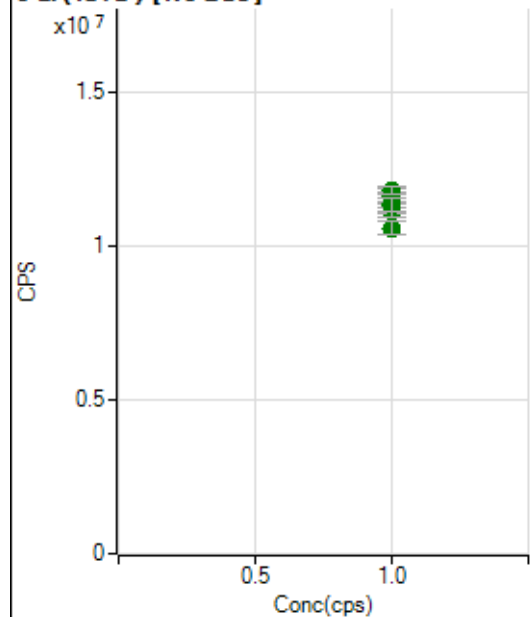
$$DL = 0.001347$$

$$BEC = 0.0008472$$

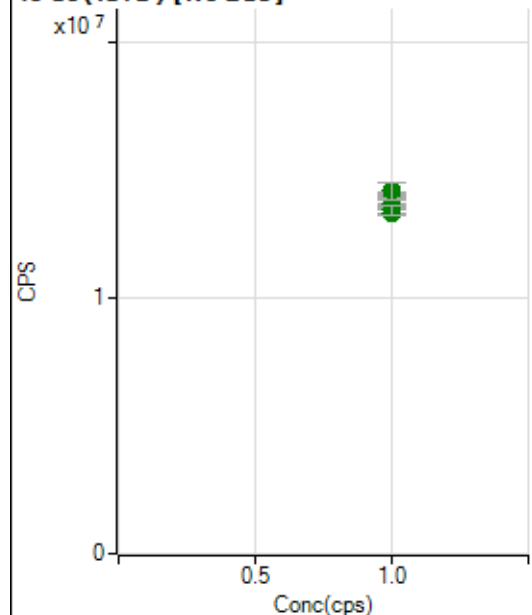
Weight: <None>

Min Conc: 0

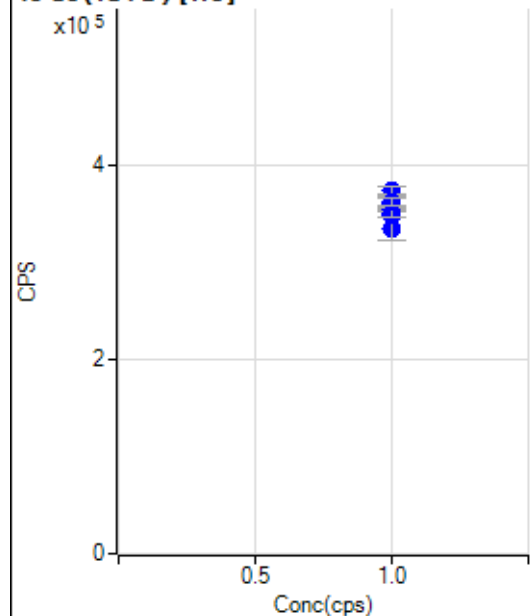
6 Li (ISTD) [No Gas]



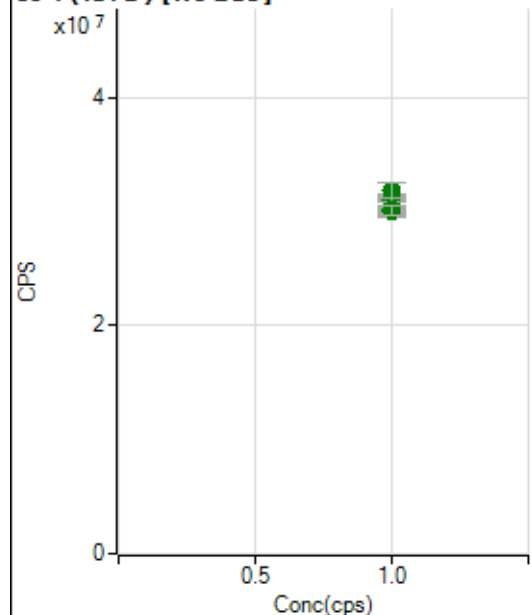
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11652821.80		A	4.5
2	☐	1.000		11723648.63		A	0.6
3	☐	1.000		11803031.09		A	2.2
4	☐	1.000		11414709.85		A	0.5
5	☐	1.000		11146499.83		A	1.7
6	☐	1.000		11304610.20		A	6.5
7	☐	1.000		11357824.31		A	3.8
8	☐	1.000		10599591.48		A	4.2

45 Sc (ISTD) [No Gas]

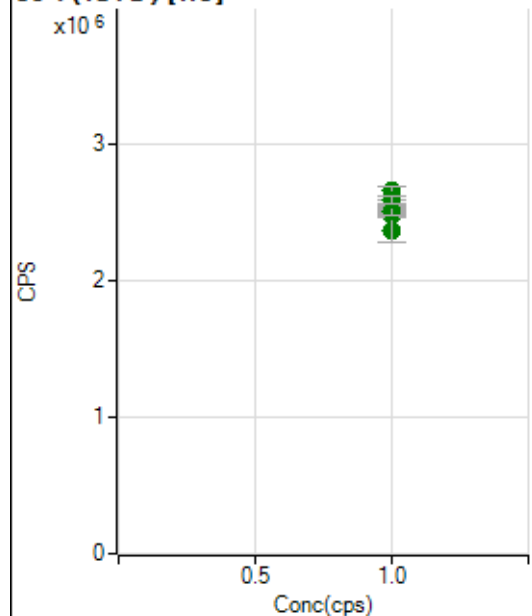
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13682299.24		A	5.5
2	☐	1.000		13859277.15		A	2.2
3	☐	1.000		13896220.90		A	3.1
4	☐	1.000		13581567.72		A	0.6
5	☐	1.000		13324802.44		A	1.6
6	☐	1.000		13701269.66		A	3.3
7	☐	1.000		14176976.04		A	4.7
8	☐	1.000		13422670.91		A	2.7

45 Sc (ISTD) [He]

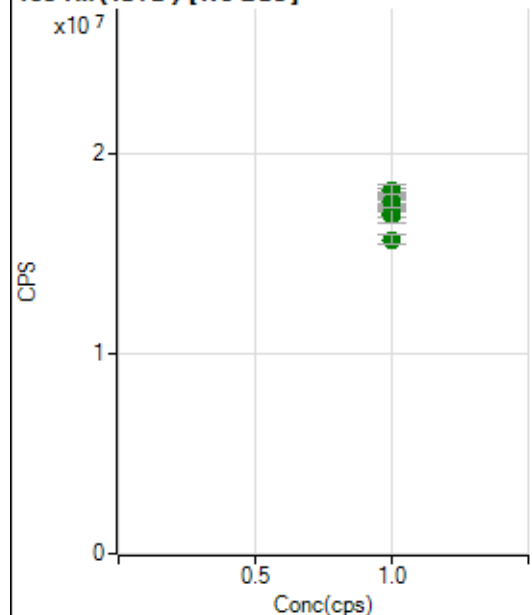
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		351131.55		P	2.1
2	☐	1.000		334908.43		P	7.3
3	☐	1.000		348978.35		P	1.4
4	☐	1.000		355064.16		P	1.2
5	☐	1.000		360413.91		P	4.0
6	☐	1.000		350835.50		P	2.9
7	☐	1.000		373580.53		P	2.2
8	☐	1.000		363209.59		P	2.2

89 Y (ISTD) [No Gas]

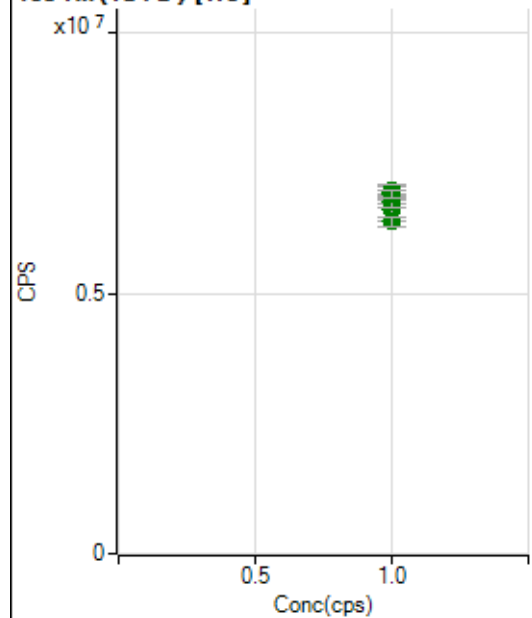
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30445449.55		A	6.7
2	☐	1.000		31185263.15		A	0.7
3	☐	1.000		30999329.81		A	2.8
4	☐	1.000		30095906.77		A	0.4
5	☐	1.000		30066183.17		A	1.5
6	☐	1.000		30201310.11		A	4.5
7	☐	1.000		31781190.36		A	4.1
8	☐	1.000		30083516.78		A	3.1

89 Y (ISTD) [He]

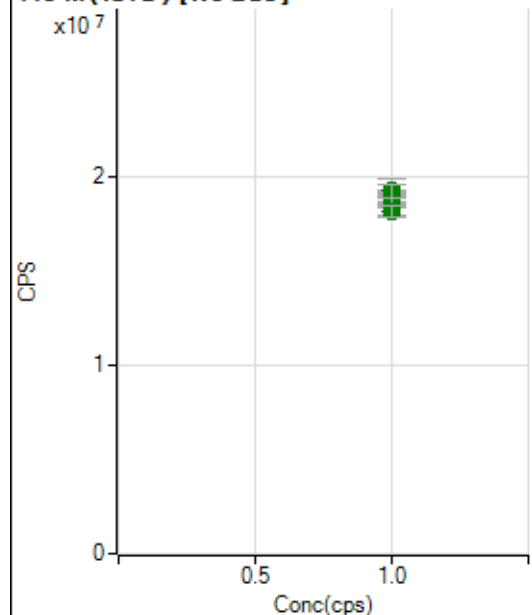
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2478710.19		A	1.6
2	☐	1.000		2367057.45		A	7.7
3	☐	1.000		2510943.09		A	2.2
4	☐	1.000		2555660.76		A	2.5
5	☐	1.000		2555727.32		A	4.6
6	☐	1.000		2510526.91		A	3.1
7	☐	1.000		2654501.33		A	2.8
8	☐	1.000		2589158.82		A	1.7

103 Rh (ISTD) [No Gas]

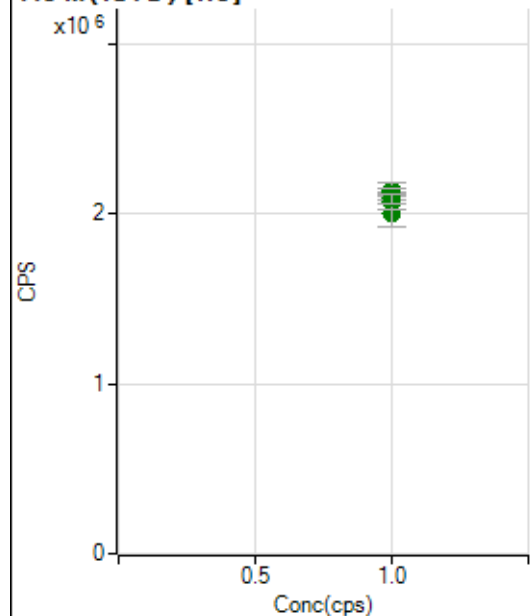
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17701964.63		A	6.2
2	☐	1.000		17944055.61		A	1.1
3	☐	1.000		18117563.25		A	3.7
4	☐	1.000		17586370.36		A	1.0
5	☐	1.000		16947508.71		A	1.9
6	☐	1.000		16955450.03		A	5.1
7	☐	1.000		17600610.98		A	4.0
8	☐	1.000		15661295.32		A	3.2

103 Rh (ISTD) [He]

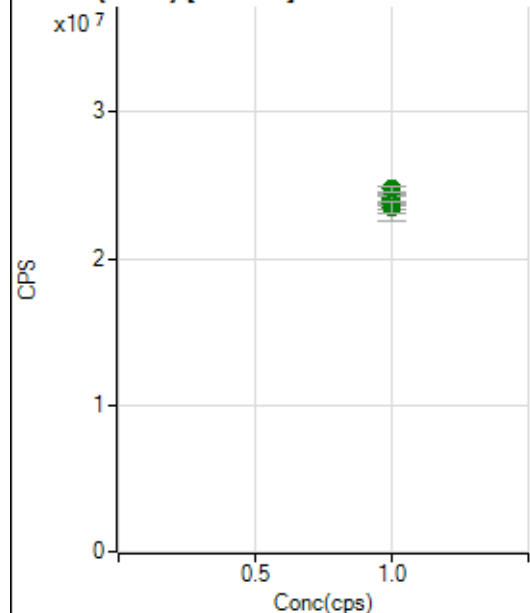
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6808235.24		A	2.9
2	☐	1.000		6614840.94		A	7.2
3	☐	1.000		6823911.98		A	0.8
4	☐	1.000		6931886.70		A	3.0
5	☐	1.000		6968257.53		A	3.8
6	☐	1.000		6770271.70		A	4.0
7	☐	1.000		6903275.59		A	2.2
8	☐	1.000		6373098.10		A	3.0

115 In (ISTD) [No Gas]

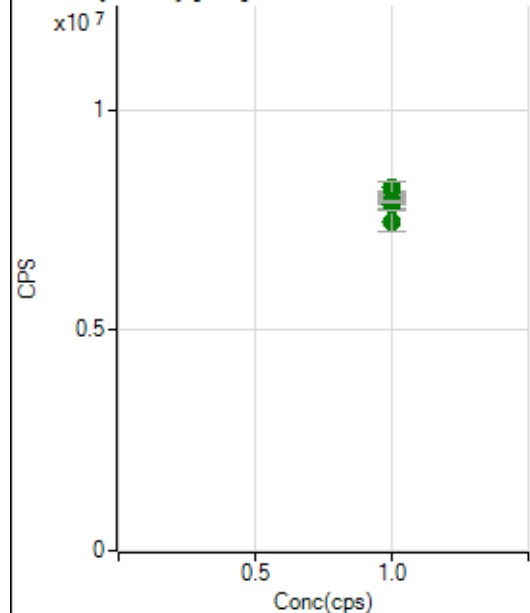
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19203267.22		A	6.4
2	☐	1.000		19039961.93		A	1.1
3	☐	1.000		19058440.61		A	2.3
4	☐	1.000		18482375.92		A	0.9
5	☐	1.000		18343091.54		A	0.5
6	☐	1.000		18457881.91		A	5.8
7	☐	1.000		19186715.35		A	3.7
8	☐	1.000		18071016.94		A	3.4

115 In (ISTD) [He]

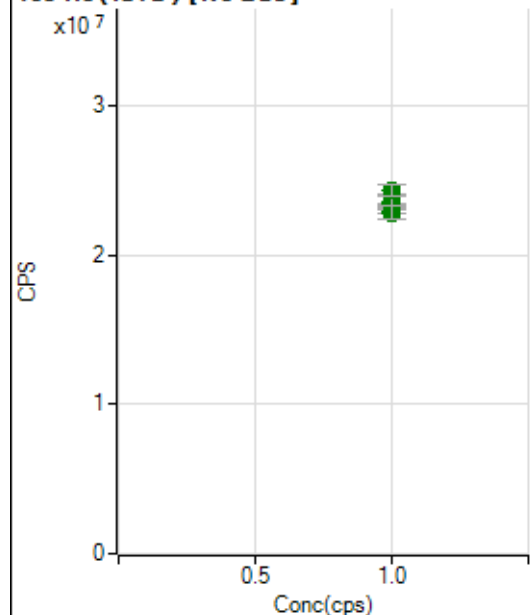
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2102588.60		A	2.3
2	☐	1.000		2003085.89		A	8.0
3	☐	1.000		2114292.57		A	1.0
4	☐	1.000		2133417.55		A	1.8
5	☐	1.000		2136252.81		A	4.7
6	☐	1.000		2071301.88		A	4.3
7	☐	1.000		2116788.18		A	3.4
8	☐	1.000		2090926.43		A	2.5

159 Tb (ISTD) [No Gas]

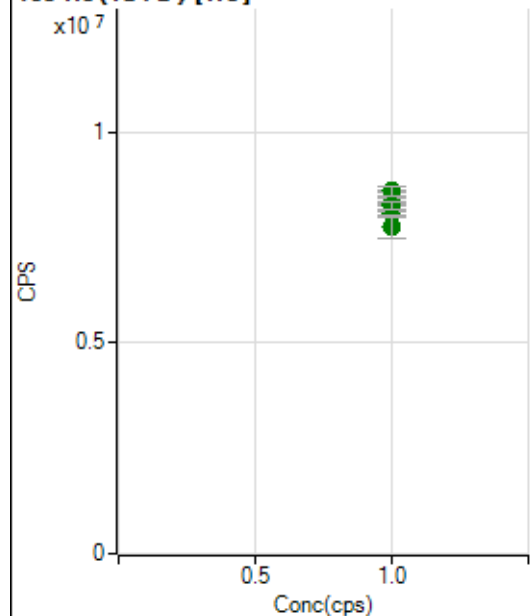
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23484203.54		A	7.8
2	☐	1.000		24090045.75		A	1.8
3	☐	1.000		24071436.03		A	1.4
4	☐	1.000		23661816.87		A	0.6
5	☐	1.000		23516388.54		A	1.0
6	☐	1.000		23697955.48		A	4.7
7	☐	1.000		24757520.19		A	1.9
8	☐	1.000		23481067.15		A	3.6

159 Tb (ISTD) [He]

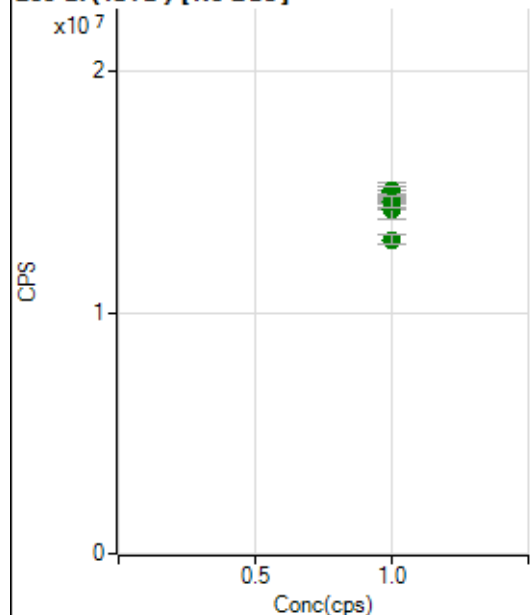
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7882503.29		A	2.6
2	☐	1.000		7471302.25		A	6.3
3	☐	1.000		7885538.56		A	0.5
4	☐	1.000		8016216.55		A	2.2
5	☐	1.000		8086637.73		A	2.1
6	☐	1.000		7862253.35		A	4.0
7	☐	1.000		8232297.72		A	3.6
8	☐	1.000		7927029.81		A	0.7

165 Ho (ISTD) [No Gas]

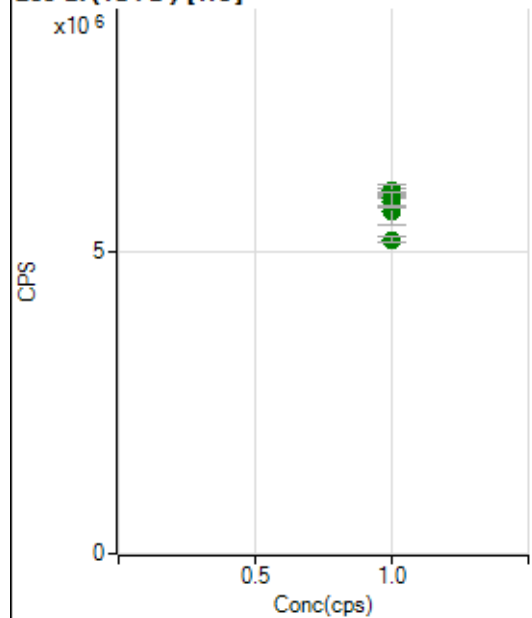
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23232298.96		A	6.9
2	☐	1.000		23245243.75		A	1.3
3	☐	1.000		23575412.51		A	3.6
4	☐	1.000		23244170.49		A	0.2
5	☐	1.000		22986443.57		A	1.5
6	☐	1.000		23423390.63		A	5.4
7	☐	1.000		24323651.24		A	3.1
8	☐	1.000		22871778.81		A	3.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8058257.73		A	1.9
2	☐	1.000		7758525.23		A	7.3
3	☐	1.000		8241964.18		A	1.4
4	☐	1.000		8422425.50		A	4.0
5	☐	1.000		8432240.15		A	4.1
6	☐	1.000		8281733.28		A	4.1
7	☐	1.000		8606882.99		A	2.5
8	☐	1.000		8252899.18		A	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14986598.81		A	5.2
2	☐	1.000		15032346.30		A	1.2
3	☐	1.000		15059226.72		A	2.3
4	☐	1.000		14815199.08		A	1.1
5	☐	1.000		14386325.20		A	1.5
6	☐	1.000		14306876.46		A	5.6
7	☐	1.000		14591921.59		A	3.6
8	☐	1.000		13035297.31		A	2.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5971150.95		A	0.9
2	☐	1.000		5672300.09		A	7.8
3	☐	1.000		5962195.26		A	1.5
4	☐	1.000		6017453.04		A	1.9
5	☐	1.000		6020856.44		A	3.0
6	☐	1.000		5833585.05		A	3.5
7	☐	1.000		5891871.79		A	3.6
8	☐	1.000		5210843.19		A	2.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8091521MS.b
Acq. Date-Time 2021-09-15 08:34:22
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		30930	309296.96			0.872	5.000
24		186523	1865232.49			1.268	5.000
25		24984	249837.57			0.594	5.000
26		28840	288397.63			0.788	5.000
59		46487	464867.82			0.506	5.000
113		22742	227419.38			0.797	5.000
115		67225	672254.96			0.901	5.000
206		32235	322352.46			0.837	5.000
207		27272	272722.14			0.863	5.000
208		68667	686672.48			0.857	5.000
220		0	3.00			47.141	

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

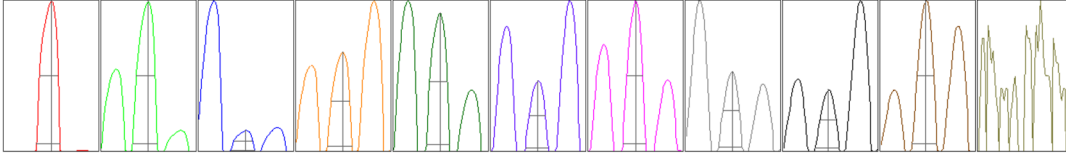
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	31380	30736	30982	30779	30772
24	189657	183157	185811	186639	187352
25	25189	24907	25092	24852	24879
26	29230	28719	28719	28681	28851
59	46810	46471	46156	46556	46441
113	22968	22620	22544	22684	22893
115	68273	66750	66884	67138	67082
206	31909	32129	32652	32248	32239
207	27287	27058	27084	27646	27286
208	68503	67962	69376	69163	68332

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	55803.28	9.05	8.90 - 9.10	
24	332578.09	24.00	23.90 - 24.10	
25	44661.38	25.00	24.90 - 25.10	
26	51486.98	26.00	25.90 - 26.10	
59	87845.65	59.00	58.90 - 59.10	
113	45995.80	113.00	112.90 - 113.10	
115	139241.05	115.05	114.90 - 115.10	
206	64062.36	206.00	205.90 - 206.10	
207	54254.04	206.95	206.90 - 207.10	
208	133182.43	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.735	0.900	
24	0.59	0.782	0.900	
25	0.59	0.769	0.900	
26	0.59	0.783	0.900	
59	0.56	0.735	0.900	
113	0.51	0.724	0.900	
115	0.50	0.725	0.900	
206	0.51	0.742	0.900	
207	0.51	0.771	0.900	
208	0.52	0.777	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	14.6 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.6 mm

EM

Discriminator	3.8 mV	Analog HV	2238 V	Pulse HV	1516 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8938	89380.46			3.798	
89		32273	322733.76			3.636	
205		25019	250193.90			3.611	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8648	8944	8579	9403	9116
89	31068	32418	31233	33934	32713
205	24226	25498	23989	26161	25222

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	4.2 V

US EPA Tune Check Report

Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	180 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	1.1 mm	Torch V	-0.6 mm		
EM					
Discriminator	3.8 mV	Analog HV	2238 V	Pulse HV	1516 V

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:15:21	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	0.28	-0.09	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	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	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.06	-0.05	0.11	0.00	N/A	ppb
Boron	11-1	0.07	0.00	-0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Cadmium	106-1	-1.31	3.05	-1.73	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.01	0.02	0.00	N/A	ppb
Calcium	43-1	0.37	-1.13	0.76	0.00	N/A	ppb
Calcium	44-1	1.70	-1.10	-0.60	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.04	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-1.07	0.18	0.89	0.00	N/A	ppb
Iron	56-2	-0.76	0.10	0.66	0.00	N/A	ppb
Iron	57-2	0.25	-0.34	0.09	0.00	N/A	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:15:21	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.09	-0.20	1.30	0.00	N/A	ppb
Manganese	55-2	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.03	-0.04	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	-0.01	0.00	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	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	5.54	-4.95	1.66	0.75	711.53	ppb
Potassium	39-2	1.95	1.76	-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	0.08	-0.34	0.26	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	0.00	0.11	0.00	N/A	ppb
Silicon	28-1	2.55	-0.25	-2.30	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	0.44	-0.47	0.03	0.00	N/A	ppb
Strontium	86-1	0.02	0.02	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	777.66	117.82	-514.47	127.00	508.75	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	0.02	-0.04	0.00	N/A	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:15:21	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.00	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	-0.05	-0.03	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.02	0.00	0.00	N/A	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:21:30	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.72	26.13	21.21	22.69	13.19	ppb
Antimony	121-1	2.07	2.04	1.94	2.02	3.30	ppb
Arsenic	75-2	1.11	1.26	1.14	1.17	7.15	ppb
Barium	135-1	10.08	10.01	10.04	10.04	0.32	ppb
Barium	137-1	10.84	10.07	10.11	10.34	4.16	ppb
Beryllium	9-1	1.02	0.99	1.05	1.02	3.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	21.03	21.29	23.27	21.86	5.59	ppb
Boron	11-1	21.90	23.35	24.02	23.09	4.67	ppb
Bromine	81-1						cps
Cadmium	111-1	1.08	1.10	1.08	1.09	0.99	ppb
Cadmium	106-1	0.59	2.05	2.74	1.80	61.09	ppb
Cadmium	108-1	0.90	1.19	1.04	1.04	13.77	ppb
Calcium	43-1	518.70	486.89	497.13	500.91	3.24	ppb
Calcium	44-1	508.48	487.93	492.61	496.34	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.27	2.51	2.08	2.29	9.29	ppb
Cobalt	59-2	1.07	1.23	1.17	1.15	7.10	ppb
Copper	63-2	2.06	2.33	2.01	2.13	7.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	54.79	60.60	58.55	57.98	5.08	ppb
Iron	56-2	51.81	59.31	53.67	54.93	7.11	ppb
Iron	57-2	49.53	63.43	52.94	55.30	13.10	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:21:30	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	1.00	0.99	0.99	1.59	ppb
Lead	207-1	1.00	1.06	0.99	1.02	3.34	ppb
Lead	208-1	1.00	1.01	0.98	1.00	1.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	539.96	603.78	528.39	557.38	7.28	ppb
Manganese	55-2	1.13	1.21	1.06	1.14	6.60	ppb
Molybdenum	94-1	5.21	4.95	5.10	5.08	2.60	ppb
Molybdenum	95-1	5.01	5.21	5.11	5.11	1.92	ppb
Molybdenum	96-1	5.23	5.22	5.01	5.15	2.38	ppb
Molybdenum	97-1	5.09	5.23	5.07	5.13	1.76	ppb
Molybdenum	98-1	5.36	5.08	5.05	5.16	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.38	1.11	1.23	11.28	ppb
Phosphorus	31-2	-2.79	8.45	-7.90	-0.75		ppb
Potassium	39-2	503.59	585.53	506.10	531.74	8.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	5.08	5.22	5.62	5.31	5.30	ppb
Selenium	77-2	7.24	7.26	5.42	6.64	15.92	ppb
Selenium	78-2	6.00	6.64	5.58	6.08	8.80	ppb
Silicon	28-1	18.28	15.84	16.36	16.83	7.65	ppb
Silver	107-1	0.96	0.98	1.03	0.99	3.78	ppb
Silver	109-1	0.98	0.92	1.10	1.00	9.17	ppb
Sodium	23-2	529.79	616.81	536.68	561.09	8.62	ppb
Strontium	86-1	1.04	1.29	1.04	1.12	12.55	ppb
Strontium	88-1	1.13	1.07	1.09	1.10	2.57	ppb
Sulfur	34-1	72.59	-278.79	-174.80	-127.00		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	1.03	1.00	0.99	1.01	2.46	ppb
Thallium	205-1	1.00	0.99	0.96	0.98	2.12	ppb
Tin	118-1	5.15	5.09	5.09	5.11	0.71	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:21:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.37	5.10	5.33	5.26	2.78	ppb
Uranium	238-1	0.95	0.94	0.95	0.95	0.66	ppb
Vanadium	51-2	5.26	5.84	5.12	5.41	7.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	2.49	2.65	2.54	2.56	3.15	ppb
Zirconium	90-1	0.98	0.91	0.96	0.95	3.87	ppb
Zirconium	91-1	0.95	0.98	0.98	0.97	1.68	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:24:34 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1088.63	1038.34	1066.64	1064.53	2.37	ppb
Antimony	121-1	52.19	50.55	51.19	51.31	1.62	ppb
Arsenic	75-2	54.01	50.98	52.26	52.42	2.90	ppb
Barium	135-1	257.52	247.24	254.69	253.15	2.10	ppb
Barium	137-1	259.87	253.22	255.01	256.03	1.34	ppb
Beryllium	9-1	51.34	49.77	51.20	50.77	1.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	44.63	45.33	48.01	45.99	3.88	ppb
Boron	11-1	47.02	47.80	50.82	48.55	4.14	ppb
Bromine	81-1						cps
Cadmium	111-1	53.52	52.16	53.39	53.03	1.41	ppb
Cadmium	106-1	53.45	53.62	52.78	53.28	0.84	ppb
Cadmium	108-1	52.73	51.59	53.40	52.57	1.74	ppb
Calcium	43-1	5196.99	4836.21	4919.42	4984.21	3.79	ppb
Calcium	44-1	5144.59	4839.24	4863.83	4949.22	3.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.89	50.18	51.08	51.39	2.68	ppb
Cobalt	59-2	53.79	51.69	52.37	52.62	2.04	ppb
Copper	63-2	570.09	535.54	547.11	550.91	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	2763.11	2667.92	2717.47	2716.17	1.75	ppb
Iron	56-2	2750.29	2610.33	2656.00	2672.21	2.67	ppb
Iron	57-2	2721.33	2612.68	2688.20	2674.07	2.08	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:24:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	258.81	237.53	246.20	247.51	4.32	ppb
Lead	207-1	246.50	231.35	237.49	238.45	3.20	ppb
Lead	208-1	254.55	238.65	245.87	246.36	3.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	5480.76	5186.85	5367.07	5344.90	2.77	ppb
Manganese	55-2	526.27	505.14	514.29	515.23	2.06	ppb
Molybdenum	94-1	258.31	246.61	257.64	254.18	2.59	ppb
Molybdenum	95-1	261.98	246.82	254.73	254.51	2.98	ppb
Molybdenum	96-1	259.31	244.15	252.95	252.14	3.02	ppb
Molybdenum	97-1	261.42	250.01	252.99	254.80	2.32	ppb
Molybdenum	98-1	254.07	248.29	256.25	252.87	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.28	51.86	53.65	53.60	3.19	ppb
Phosphorus	31-2	1124.45	941.96	1035.05	1033.82	8.83	ppb
Potassium	39-2	2600.77	2501.14	2513.66	2538.53	2.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	53.80	51.25	53.45	52.83	2.62	ppb
Selenium	77-2	50.96	45.32	61.35	52.54	15.48	ppb
Selenium	78-2	58.30	53.50	56.94	56.24	4.40	ppb
Silicon	28-1	80.29	75.91	80.38	78.86	3.24	ppb
Silver	107-1	53.48	52.05	54.16	53.23	2.02	ppb
Silver	109-1	53.28	51.71	52.57	52.52	1.49	ppb
Sodium	23-2	5319.57	5222.64	5281.33	5274.51	0.93	ppb
Strontium	86-1	521.67	507.60	516.52	515.26	1.38	ppb
Strontium	88-1	508.12	489.78	504.31	500.73	1.93	ppb
Sulfur	34-1	1894.81	914.33	1005.88	1271.67	42.59	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	49.14	47.14	49.05	48.44	2.33	ppb
Thallium	205-1	50.96	48.42	49.74	49.71	2.56	ppb
Tin	118-1	52.36	49.69	51.73	51.26	2.72	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:24:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	258.53	246.42	255.24	253.40	2.47	ppb
Uranium	238-1	49.03	45.83	47.36	47.41	3.37	ppb
Vanadium	51-2	51.91	49.89	51.03	50.94	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	567.27	542.30	551.15	553.57	2.29	ppb
Zirconium	90-1	51.62	48.73	50.48	50.28	2.89	ppb
Zirconium	91-1	50.12	47.69	49.61	49.14	2.61	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:27:39 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2656.57	2582.13	2563.81	2600.83	1.89	ppb
Antimony	121-1	131.79	129.70	132.47	131.32	1.10	ppb
Arsenic	75-2	130.24	127.68	121.82	126.58	3.41	ppb
Barium	135-1	652.24	639.83	654.93	649.00	1.24	ppb
Barium	137-1	653.76	636.19	656.39	648.78	1.69	ppb
Beryllium	9-1	127.97	129.61	129.24	128.94	0.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	111.52	120.04	122.87	118.15	5.00	ppb
Boron	11-1	119.24	125.86	127.16	124.09	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	131.65	134.78	134.24	133.55	1.25	ppb
Cadmium	106-1	133.71	134.28	132.81	133.60	0.55	ppb
Cadmium	108-1	132.95	130.71	134.84	132.83	1.56	ppb
Calcium	43-1	12597.95	12510.63	12522.49	12543.69	0.38	ppb
Calcium	44-1	12507.45	12277.81	12311.74	12365.67	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.10	123.94	122.47	124.17	1.47	ppb
Cobalt	59-2	132.31	128.06	127.69	129.35	1.98	ppb
Copper	63-2	1345.01	1307.88	1281.52	1311.47	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	54-2	6734.63	6680.57	6565.74	6660.31	1.29	ppb
Iron	56-2	6617.85	6487.48	6488.86	6531.40	1.15	ppb
Iron	57-2	6629.36	6453.86	6378.57	6487.26	1.98	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:27:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	620.47	627.73	626.27	624.82	0.61	ppb
Lead	207-1	620.99	640.18	633.76	631.64	1.55	ppb
Lead	208-1	622.82	628.06	623.68	624.85	0.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	13416.27	13058.14	12997.03	13157.15	1.72	ppb
Manganese	55-2	1307.09	1278.15	1291.15	1292.13	1.12	ppb
Molybdenum	94-1	655.42	646.02	641.64	647.70	1.09	ppb
Molybdenum	95-1	653.90	641.41	652.39	649.23	1.05	ppb
Molybdenum	96-1	659.35	648.29	643.60	650.41	1.24	ppb
Molybdenum	97-1	670.04	655.30	648.79	658.04	1.65	ppb
Molybdenum	98-1	647.71	649.58	639.96	645.75	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.33	131.19	129.51	131.34	1.46	ppb
Phosphorus	31-2	2675.29	2624.97	2491.29	2597.18	3.66	ppb
Potassium	39-2	6344.26	6199.42	6159.78	6234.48	1.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	134.58	132.78	132.68	133.35	0.80	ppb
Selenium	77-2	134.87	118.75	129.39	127.67	6.42	ppb
Selenium	78-2	133.82	132.72	126.70	131.08	2.92	ppb
Silicon	28-1	138.68	136.97	146.19	140.62	3.49	ppb
Silver	107-1	134.85	132.11	133.59	133.51	1.03	ppb
Silver	109-1	134.98	134.91	134.30	134.73	0.28	ppb
Sodium	23-2	12793.48	12571.64	12580.28	12648.47	0.99	ppb
Strontium	86-1	1271.79	1285.69	1261.03	1272.84	0.97	ppb
Strontium	88-1	1272.03	1260.02	1253.11	1261.72	0.76	ppb
Sulfur	34-1	3019.10	2694.62	2664.02	2792.58	7.05	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	122.23	124.23	122.24	122.90	0.94	ppb
Thallium	205-1	126.04	125.43	127.88	126.45	1.01	ppb
Tin	118-1	131.09	127.78	130.97	129.95	1.44	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:27:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	654.86	636.57	642.19	644.54	1.45	ppb
Uranium	238-1	123.96	126.11	122.79	124.29	1.36	ppb
Vanadium	51-2	128.16	124.36	124.14	125.55	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	1365.78	1334.17	1313.75	1337.90	1.96	ppb
Zirconium	90-1	128.39	127.36	125.83	127.19	1.01	ppb
Zirconium	91-1	127.09	128.65	124.41	126.72	1.69	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:30:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4922.77	5135.02	5317.06	5124.95	3.85	ppb
Antimony	121-1	259.85	267.42	262.68	263.32	1.45	ppb
Arsenic	75-2	241.56	252.01	266.65	253.41	4.98	ppb
Barium	135-1	1303.64	1339.66	1316.32	1319.87	1.38	ppb
Barium	137-1	1308.57	1309.13	1310.34	1309.35	0.07	ppb
Beryllium	9-1	259.34	270.82	259.10	263.09	2.55	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	234.99	257.90	251.84	248.24	4.78	ppb
Boron	11-1	244.77	266.47	262.03	257.76	4.45	ppb
Bromine	81-1						cps
Cadmium	111-1	263.33	273.66	269.54	268.84	1.93	ppb
Cadmium	106-1	259.82	275.01	261.38	265.40	3.15	ppb
Cadmium	108-1	258.94	269.71	259.11	262.59	2.35	ppb
Calcium	43-1	25536.77	26393.02	25904.11	25944.63	1.66	ppb
Calcium	44-1	25482.59	26064.55	25152.63	25566.59	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231.41	243.83	252.96	242.73	4.45	ppb
Cobalt	59-2	240.21	252.61	263.47	252.09	4.62	ppb
Copper	63-2	2465.26	2526.40	2711.91	2567.86	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	54-2	12434.99	13027.13	13325.14	12929.09	3.50	ppb
Iron	56-2	12282.70	12805.00	13526.11	12871.27	4.85	ppb
Iron	57-2	12185.08	12653.12	13226.11	12688.10	4.11	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:30:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1280.91	1274.07	1331.64	1295.54	2.43	ppb
Lead	207-1	1258.72	1298.27	1342.57	1299.86	3.23	ppb
Lead	208-1	1271.83	1287.78	1317.23	1292.28	1.78	ppb
Lithium	6-1				96		%
Magnesium	24-2	25001.04	25378.83	26553.02	25644.30	3.16	ppb
Manganese	55-2	2412.53	2532.85	2656.55	2533.97	4.81	ppb
Molybdenum	94-1	1291.67	1300.22	1297.57	1296.49	0.34	ppb
Molybdenum	95-1	1292.76	1266.99	1288.24	1282.66	1.07	ppb
Molybdenum	96-1	1278.11	1276.95	1298.72	1284.60	0.95	ppb
Molybdenum	97-1	1309.07	1288.57	1326.22	1307.95	1.44	ppb
Molybdenum	98-1	1275.09	1257.98	1309.89	1280.99	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	244.01	257.69	263.92	255.21	3.99	ppb
Phosphorus	31-2	4741.39	5273.54	5269.61	5094.85	6.01	ppb
Potassium	39-2	11874.24	12220.19	12890.92	12328.45	4.19	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	82-1	264.03	262.78	272.12	266.31	1.90	ppb
Selenium	77-2	214.55	273.04	248.78	245.46	11.97	ppb
Selenium	78-2	250.18	260.00	259.69	256.62	2.18	ppb
Silicon	28-1	276.27	298.01	292.20	288.83	3.90	ppb
Silver	107-1	264.51	277.89	267.56	269.99	2.60	ppb
Silver	109-1	274.12	269.78	265.72	269.87	1.55	ppb
Sodium	23-2	24383.04	25583.87	25839.96	25268.96	3.08	ppb
Strontium	86-1	2553.04	2551.77	2611.83	2572.21	1.33	ppb
Strontium	88-1	2544.72	2604.99	2603.35	2584.35	1.33	ppb
Sulfur	34-1	6245.49	6920.15	6220.91	6462.19	6.14	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	254.60	265.16	272.95	264.24	3.48	ppb
Thallium	205-1	262.18	261.20	267.23	263.54	1.23	ppb
Tin	118-1	255.88	269.50	262.68	262.68	2.59	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:30:42	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1295.46	1309.57	1290.20	1298.41	0.77	ppb
Uranium	238-1	257.80	253.41	253.07	254.76	1.03	ppb
Vanadium	51-2	236.85	243.18	256.53	245.52	4.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	2520.28	2626.41	2677.31	2608.00	3.07	ppb
Zirconium	90-1	255.44	263.58	260.74	259.92	1.59	ppb
Zirconium	91-1	252.81	264.02	257.88	258.24	2.17	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:33:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10079.66	10389.99	10816.19	10428.61	3.55	ppb
Antimony	121-1	547.40	499.01	504.62	517.01	5.12	ppb
Arsenic	75-2	494.08	502.96	531.30	509.44	3.82	ppb
Barium	135-1	2725.18	2474.23	2460.59	2553.33	5.83	ppb
Barium	137-1	2752.77	2473.51	2430.26	2552.18	6.86	ppb
Beryllium	9-1	561.85	506.84	494.93	521.21	6.85	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	498.33	473.62	460.77	477.57	4.00	ppb
Boron	11-1	518.19	497.91	464.46	493.52	5.50	ppb
Bromine	81-1						cps
Cadmium	111-1	550.39	507.11	504.29	520.59	4.96	ppb
Cadmium	106-1	547.64	499.07	504.78	517.16	5.13	ppb
Cadmium	108-1	550.54	503.55	499.53	517.87	5.48	ppb
Calcium	43-1	53928.46	49886.01	48862.68	50892.38	5.26	ppb
Calcium	44-1	53091.85	49160.24	47853.45	50035.18	5.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.38	495.13	507.53	494.68	2.64	ppb
Cobalt	59-2	502.73	519.40	534.95	519.03	3.10	ppb
Copper	63-2	5010.58	5120.76	5326.93	5152.76	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	26611.26	26950.25	28054.31	27205.28	2.77	ppb
Iron	56-2	25761.39	25781.01	27299.42	26280.61	3.36	ppb
Iron	57-2	25064.45	25845.10	26762.71	25890.75	3.28	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:33:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2717.25	2495.36	2432.65	2548.42	5.87	ppb
Lead	207-1	2737.14	2523.45	2453.99	2571.53	5.74	ppb
Lead	208-1	2731.18	2509.01	2445.50	2561.90	5.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	51440.56	51904.77	53708.92	52351.42	2.29	ppb
Manganese	55-2	5042.85	5095.87	5263.83	5134.18	2.25	ppb
Molybdenum	94-1	2688.97	2526.91	2493.76	2569.88	4.06	ppb
Molybdenum	95-1	2682.90	2513.53	2491.92	2562.79	4.08	ppb
Molybdenum	96-1	2665.30	2477.50	2489.17	2543.99	4.14	ppb
Molybdenum	97-1	2731.54	2496.28	2498.79	2575.54	5.25	ppb
Molybdenum	98-1	2684.79	2521.89	2463.22	2556.63	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.51	515.84	530.53	515.63	2.91	ppb
Phosphorus	31-2	9783.77	10021.78	10517.21	10107.58	3.70	ppb
Potassium	39-2	24375.71	24817.37	25482.15	24891.75	2.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	541.69	502.20	494.83	512.90	4.91	ppb
Selenium	77-2	491.49	553.23	545.55	530.09	6.35	ppb
Selenium	78-2	503.93	498.51	534.59	512.34	3.80	ppb
Silicon	28-1	529.79	504.55	515.01	516.45	2.46	ppb
Silver	107-1	552.60	506.69	516.10	525.13	4.62	ppb
Silver	109-1	545.51	504.16	487.42	512.36	5.84	ppb
Sodium	23-2	50029.09	50551.82	52094.86	50891.92	2.11	ppb
Strontium	86-1	5402.65	5076.64	4956.44	5145.24	4.49	ppb
Strontium	88-1	5484.12	5099.76	4970.69	5184.86	5.15	ppb
Sulfur	34-1	10254.57	9483.91	8806.73	9515.07	7.61	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	548.75	500.18	480.27	509.73	6.91	ppb
Thallium	205-1	543.85	496.46	475.36	505.23	6.94	ppb
Tin	118-1	547.65	503.54	510.29	520.50	4.56	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:33:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2644.82	2457.03	2416.43	2506.09	4.86	ppb
Uranium	238-1	539.76	489.33	491.78	506.96	5.61	ppb
Vanadium	51-2	490.56	506.28	516.54	504.46	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	4978.76	5325.90	5427.61	5244.09	4.49	ppb
Zirconium	90-1	541.53	499.32	497.33	512.73	4.87	ppb
Zirconium	91-1	553.52	505.78	491.00	516.76	6.32	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:39:56	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21167.68	19784.66	21212.41	20721.58	3.92	ppb
Antimony	121-1	1013.54	978.69	969.69	987.31	2.35	ppb
Arsenic	75-2	1010.72	950.78	1020.82	994.11	3.81	ppb
Barium	135-1	5074.05	4958.24	4825.84	4952.71	2.51	ppb
Barium	137-1	5097.55	4957.34	4812.50	4955.80	2.88	ppb
Beryllium	9-1	1020.11	1004.60	932.07	985.59	4.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	1007.79	1023.31	1007.26	1012.79	0.90	ppb
Boron	11-1	998.05	1014.79	991.77	1001.54	1.19	ppb
Bromine	81-1						cps
Cadmium	111-1	1020.99	949.24	981.09	983.77	3.65	ppb
Cadmium	106-1	1004.73	999.04	955.22	986.33	2.75	ppb
Cadmium	108-1	1009.91	985.16	965.36	986.81	2.26	ppb
Calcium	43-1	104782.86	101472.40	95498.02	100584.42	4.68	ppb
Calcium	44-1	100724.84	98318.56	93355.95	97466.45	3.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1013.18	969.87	1030.49	1004.51	3.11	ppb
Cobalt	59-2	1007.85	959.38	1000.63	989.29	2.64	ppb
Copper	63-2	9854.08	9765.02	10070.19	9896.43	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	51329.55	49425.39	52216.16	50990.37	2.80	ppb
Iron	56-2	51167.28	48368.40	52066.51	50534.07	3.82	ppb
Iron	57-2	52667.71	48746.58	53275.14	51563.14	4.77	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:39:56	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5159.65	4968.33	4765.67	4964.55	3.97	ppb
Lead	207-1	5203.48	4896.73	4754.35	4951.52	4.64	ppb
Lead	208-1	5202.47	4922.33	4751.25	4958.68	4.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	101764.34	97222.27	103168.79	100718.46	3.09	ppb
Manganese	55-2	10097.45	9501.06	10156.65	9918.39	3.66	ppb
Molybdenum	94-1	5201.72	4825.56	4823.90	4950.39	4.40	ppb
Molybdenum	95-1	5168.64	4826.81	4876.11	4957.19	3.73	ppb
Molybdenum	96-1	5198.14	4849.70	4850.38	4966.07	4.05	ppb
Molybdenum	97-1	5181.07	4826.44	4822.61	4943.37	4.16	ppb
Molybdenum	98-1	5182.05	4848.16	4853.39	4961.20	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.33	964.49	1007.92	989.91	2.29	ppb
Phosphorus	31-2	19976.34	18889.19	20860.44	19908.66	4.96	ppb
Potassium	39-2	48595.60	46020.21	49730.74	48115.52	3.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1035.14	968.09	961.62	988.28	4.12	ppb
Selenium	77-2	980.35	946.47	1030.04	985.62	4.26	ppb
Selenium	78-2	1008.33	954.69	1010.27	991.10	3.18	ppb
Silicon	28-1	1008.61	970.60	956.61	978.61	2.75	ppb
Silver	107-1	1021.96	973.05	948.63	981.21	3.81	ppb
Silver	109-1	1025.77	958.89	977.86	987.51	3.49	ppb
Sodium	23-2	101214.34	94802.79	102265.89	99427.67	4.06	ppb
Strontium	86-1	10340.55	9765.87	9610.70	9905.71	3.88	ppb
Strontium	88-1	10365.61	9677.76	9611.58	9884.98	4.22	ppb
Sulfur	34-1	21341.31	19864.43	18274.55	19826.76	7.74	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1030.14	993.53	952.08	991.91	3.94	ppb
Thallium	205-1	1060.77	961.77	958.96	993.84	5.83	ppb
Tin	118-1	1006.78	983.75	967.16	985.90	2.02	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:39:56	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5128.95	4994.50	4823.26	4982.24	3.08	ppb
Uranium	238-1	1032.44	986.64	967.57	995.55	3.35	ppb
Vanadium	51-2	1005.64	976.76	1013.92	998.77	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	9904.36	9606.11	10001.40	9837.29	2.09	ppb
Zirconium	90-1	1039.36	982.21	951.02	990.87	4.52	ppb
Zirconium	91-1	1021.90	970.63	975.63	989.39	2.86	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:43:00	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99733.52	101754.82	97921.89	99803.41	1.92	ppb
Antimony	121-1	0.66	0.71	0.66	0.68	3.83	ppb
Arsenic	75-2	0.31	0.35	0.34	0.33	5.74	ppb
Barium	135-1	2.14	2.14	2.06	2.11	2.26	ppb
Barium	137-1	2.40	2.21	2.01	2.21	8.81	ppb
Beryllium	9-1	0.12	0.08	0.07	0.09	28.57	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	123.69	108.04	95.31	109.01	13.04	ppb
Boron	11-1	131.28	113.32	99.73	114.78	13.79	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.17	0.11	0.15	22.48	ppb
Cadmium	106-1	-4.58	-0.63	-2.27	-2.49		ppb
Cadmium	108-1	0.80	1.01	1.06	0.96	14.46	ppb
Calcium	43-1	511774.16	509367.03	478095.94	499745.71	3.76	ppb
Calcium	44-1	510821.57	512341.16	478273.47	500478.73	3.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.76	1.83	1.77	1.79	2.11	ppb
Cobalt	59-2	2.31	2.41	2.25	2.32	3.52	ppb
Copper	63-2	2.11	2.23	2.06	2.13	4.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	54-2	243881.36	254592.26	250168.94	249547.52	2.16	ppb
Iron	56-2	246713.08	255743.21	246757.13	249737.80	2.08	ppb
Iron	57-2	245663.01	253966.09	249114.55	249581.22	1.67	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:43:00	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.74	2.53	2.27	2.51	9.38	ppb
Lead	207-1	2.73	2.61	2.49	2.61	4.63	ppb
Lead	208-1	2.76	2.53	2.37	2.55	7.61	ppb
Lithium	6-1				91		%
Magnesium	24-2	490569.48	510789.55	497348.01	499569.02	2.06	ppb
Manganese	55-2	8.61	9.39	8.98	8.99	4.39	ppb
Molybdenum	94-1	1.43	1.33	1.25	1.34	6.58	ppb
Molybdenum	95-1	1.65	1.43	1.16	1.41	17.58	ppb
Molybdenum	96-1	2.12	1.78	1.60	1.83	14.52	ppb
Molybdenum	97-1	1.67	1.24	1.18	1.36	19.77	ppb
Molybdenum	98-1	1.37	1.16	1.11	1.21	11.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.87	3.10	2.96	2.98	3.92	ppb
Phosphorus	31-2	-9.68	-5.81	6.10	-3.13		ppb
Potassium	39-2	243409.07	258732.08	249047.56	250396.24	3.10	ppb
Rhodium	103-1				88		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	-0.41	0.24	0.08	-0.03		ppb
Selenium	77-2	0.86	0.00	1.70	0.85	99.70	ppb
Selenium	78-2	0.44	0.89	1.49	0.94	56.04	ppb
Silicon	28-1	117.09	134.99	125.93	126.00	7.10	ppb
Silver	107-1	0.33	0.30	0.29	0.31	7.10	ppb
Silver	109-1	0.34	0.31	0.26	0.30	14.35	ppb
Sodium	23-2	489383.27	512634.24	497998.41	500005.31	2.35	ppb
Strontium	86-1	4.26	3.93	3.71	3.97	6.96	ppb
Strontium	88-1	4.46	4.14	3.85	4.15	7.33	ppb
Sulfur	34-1	-1767.38	-1791.58	-2019.19	-1859.38		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.26	0.21	0.17	0.22	20.48	ppb
Thallium	205-1	0.24	0.22	0.17	0.21	15.46	ppb
Tin	118-1	0.95	0.86	0.79	0.87	9.35	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:43:00	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.05	1.91	1.58	1.85	13.04	ppb
Uranium	238-1	0.14	0.11	0.12	0.12	9.89	ppb
Vanadium	51-2	0.13	0.10	0.14	0.12	17.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	27.40	27.46	27.40	27.42	0.13	ppb
Zirconium	90-1	0.26	0.23	0.24	0.25	6.14	ppb
Zirconium	91-1	0.30	0.22	0.24	0.25	16.33	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICV35	Instrumnet Name :	P8
Client Sample ID :	ICV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 11:56:50	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.99	488.35	493.03	494.46	1.40	ppb
Antimony	121-1	194.32	190.78	189.68	191.59	1.27	ppb
Arsenic	75-2	203.30	190.69	200.51	198.17	3.34	ppb
Barium	135-1	98.16	96.55	96.47	97.06	0.99	ppb
Barium	137-1	101.34	98.55	99.32	99.73	1.45	ppb
Beryllium	9-1	95.37	95.65	91.55	94.19	2.43	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	598.02	601.87	590.50	596.80	0.97	ppb
Boron	11-1	582.81	594.76	586.97	588.18	1.03	ppb
Bromine	81-1						cps
Cadmium	111-1	103.14	102.75	101.70	102.53	0.72	ppb
Cadmium	106-1	180.20	179.11	175.55	178.29	1.36	ppb
Cadmium	108-1	160.55	151.26	152.91	154.90	3.20	ppb
Calcium	43-1	2248.36	2205.86	2232.35	2228.86	0.96	ppb
Calcium	44-1	2061.17	2145.82	2055.44	2087.48	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.13	95.64	96.36	97.37	2.48	ppb
Cobalt	59-2	102.01	100.70	99.44	100.72	1.28	ppb
Copper	63-2	102.36	100.14	98.52	100.34	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	2076.16	2028.41	2033.35	2045.97	1.28	ppb
Iron	56-2	2036.40	2004.78	2014.54	2018.57	0.80	ppb
Iron	57-2	2030.29	1974.86	1958.83	1987.99	1.89	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICV35	Instrumnet Name :	P8
Client Sample ID :	ICV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 11:56:50	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	203.41	201.77	195.49	200.22	2.09	ppb
Lead	207-1	198.42	196.68	193.31	196.13	1.32	ppb
Lead	208-1	202.44	201.91	201.73	202.03	0.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	1170.45	1146.52	1135.95	1150.97	1.54	ppb
Manganese	55-2	98.92	96.46	95.35	96.91	1.88	ppb
Molybdenum	94-1	2416.90	2403.46	2377.76	2399.38	0.83	ppb
Molybdenum	95-1	2397.32	2391.65	2352.70	2380.55	1.02	ppb
Molybdenum	96-1	2439.77	2435.03	2398.35	2424.38	0.94	ppb
Molybdenum	97-1	2469.37	2461.88	2410.17	2447.14	1.32	ppb
Molybdenum	98-1	2427.82	2392.16	2401.63	2407.20	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.07	100.46	103.84	103.12	2.32	ppb
Phosphorus	31-2	-13.80	6.27	-11.66	-6.40		ppb
Potassium	39-2	1857.38	1814.27	1834.61	1835.42	1.18	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	201.33	202.17	203.36	202.29	0.50	ppb
Selenium	77-2	184.78	194.64	221.10	200.17	9.38	ppb
Selenium	78-2	201.17	191.98	210.85	201.33	4.69	ppb
Silicon	28-1	522.39	531.21	526.42	526.67	0.84	ppb
Silver	107-1	50.63	50.05	50.24	50.31	0.59	ppb
Silver	109-1	49.32	49.82	49.54	49.56	0.50	ppb
Sodium	23-2	1942.08	1907.62	1878.25	1909.31	1.67	ppb
Strontium	86-1	5164.01	5293.40	5259.70	5239.04	1.28	ppb
Strontium	88-1	5376.88	5249.65	5220.35	5282.29	1.58	ppb
Sulfur	34-1	-678.96	-1009.59	-1156.02	-948.19		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	201.83	212.09	204.58	206.17	2.58	ppb
Thallium	205-1	207.18	211.47	203.02	207.22	2.04	ppb
Tin	118-1	494.26	488.55	486.11	489.64	0.85	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICV35	Instrumnet Name :	P8
Client Sample ID :	ICV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 11:56:50	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2466.21	2437.22	2422.96	2442.13	0.90	ppb
Uranium	238-1	469.23	469.55	447.53	462.10	2.73	ppb
Vanadium	51-2	96.79	94.40	94.83	95.34	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	201.79	195.08	200.50	199.12	1.79	ppb
Zirconium	90-1	483.44	479.07	483.92	482.14	0.55	ppb
Zirconium	91-1	486.93	472.05	481.08	480.02	1.56	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:42:26	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.18	20.86	20.60	20.21	4.48	ppb
Antimony	121-1	1.97	2.08	1.90	1.98	4.64	ppb
Arsenic	75-2	0.96	1.07	0.93	0.99	7.51	ppb
Barium	135-1	9.72	10.12	9.93	9.93	1.99	ppb
Barium	137-1	9.94	10.56	9.94	10.15	3.54	ppb
Beryllium	9-1	0.99	1.04	0.98	1.00	3.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	20.88	23.03	23.26	22.39	5.85	ppb
Boron	11-1	22.30	24.22	25.27	23.93	6.28	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	1.07	1.05	1.08	2.10	ppb
Cadmium	106-1	1.63	2.18	1.92	1.91	14.41	ppb
Cadmium	108-1	0.98	1.34	0.88	1.07	22.83	ppb
Calcium	43-1	473.94	488.73	477.26	479.98	1.62	ppb
Calcium	44-1	471.32	477.76	457.66	468.92	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	2.00	1.96	1.96	1.91	ppb
Cobalt	59-2	1.01	1.01	1.00	1.01	0.52	ppb
Copper	63-2	1.93	2.08	2.03	2.01	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	46.87	52.01	49.73	49.53	5.21	ppb
Iron	56-2	48.96	49.54	48.26	48.92	1.31	ppb
Iron	57-2	51.10	50.39	48.71	50.06	2.45	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:42:26	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.97	0.92	0.95	2.99	ppb
Lead	207-1	0.98	0.94	0.93	0.95	2.65	ppb
Lead	208-1	0.94	0.96	0.94	0.95	1.54	ppb
Lithium	6-1				107		%
Magnesium	24-2	495.92	505.66	495.67	499.08	1.14	ppb
Manganese	55-2	1.13	0.99	0.97	1.03	8.27	ppb
Molybdenum	94-1	4.80	5.20	4.67	4.89	5.71	ppb
Molybdenum	95-1	4.85	5.09	4.97	4.97	2.40	ppb
Molybdenum	96-1	4.93	5.31	4.97	5.07	4.09	ppb
Molybdenum	97-1	4.80	5.21	4.79	4.94	4.86	ppb
Molybdenum	98-1	5.10	5.10	4.72	4.97	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.17	1.07	1.11	4.83	ppb
Phosphorus	31-2	-7.42	-11.88	-9.83	-9.71		ppb
Potassium	39-2	462.72	477.91	462.15	467.59	1.91	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	4.64	5.56	4.77	4.99	9.95	ppb
Selenium	77-2	5.04	5.22	3.41	4.56	21.93	ppb
Selenium	78-2	4.11	5.08	4.95	4.71	11.23	ppb
Silicon	28-1	11.45	12.60	11.17	11.74	6.47	ppb
Silver	107-1	0.96	1.04	1.01	1.00	3.94	ppb
Silver	109-1	0.97	1.05	0.98	1.00	4.71	ppb
Sodium	23-2	487.03	498.74	492.92	492.90	1.19	ppb
Strontium	86-1	1.04	0.86	0.97	0.96	9.26	ppb
Strontium	88-1	1.08	1.12	1.06	1.08	2.94	ppb
Sulfur	34-1	-446.29	-148.39	-540.76	-378.48		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.88	0.90	0.91	3.60	ppb
Thallium	205-1	0.94	0.98	0.95	0.96	2.52	ppb
Tin	118-1	4.90	4.93	4.64	4.82	3.32	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:42:26	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.12	4.90	5.08	5.04	2.33	ppb
Uranium	238-1	0.88	0.94	0.88	0.90	4.06	ppb
Vanadium	51-2	4.88	4.88	4.96	4.91	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	2.36	2.40	2.44	2.40	1.67	ppb
Zirconium	90-1	0.96	0.98	0.92	0.95	3.26	ppb
Zirconium	91-1	0.92	0.97	0.97	0.95	2.98	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : ICB35 Instrumnet Name : P8
 Client Sample ID : ICB35 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 12:45:30 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.29	-0.86	-0.95	-1.03		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	183.77	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.02	0.02	0.03	0.02	25.38	ppb
Barium	137-1	0.02	0.01	0.04	0.02	52.20	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	94.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	4.18	3.76	3.99	3.98	5.25	ppb
Boron	11-1	4.35	4.11	3.97	4.14	4.70	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.02	0.01	0.02	14.91	ppb
Cadmium	106-1	1.20	0.63	1.39	1.07	36.72	ppb
Cadmium	108-1	-0.11	0.01	0.15	0.02	746.13	ppb
Calcium	43-1	-3.22	-1.51	-0.86	-1.86		ppb
Calcium	44-1	-10.12	-9.10	-9.37	-9.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	255.96	ppb
Copper	63-2	0.00	-0.02	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	-4.36	-4.26	-3.02	-3.88		ppb
Iron	56-2	-3.53	-3.37	-3.39	-3.43		ppb
Iron	57-2	-3.90	-3.63	-4.81	-4.11		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICB35	Instrumnet Name :	P8
Client Sample ID :	ICB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:45:30	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.02	0.03	30.54	ppb
Lead	207-1	0.01	0.04	0.03	0.03	63.02	ppb
Lead	208-1	0.02	0.02	0.02	0.02	12.94	ppb
Lithium	6-1				109		%
Magnesium	24-2	-6.76	-6.61	-6.79	-6.72		ppb
Manganese	55-2	0.03	0.01	-0.01	0.01	201.55	ppb
Molybdenum	94-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	52.76	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	25.71	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	66.93	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	108.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-11.07	1.95	-27.79	-12.30		ppb
Potassium	39-2	-17.20	-9.53	-9.32	-12.02		ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-0.24	0.13	0.03	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.30	-0.27	-0.14	-0.24		ppb
Silicon	28-1	-0.28	1.39	1.69	0.93	113.88	ppb
Silver	107-1	0.01	0.00	0.01	0.01	11.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.85	ppb
Sodium	23-2	-9.44	-8.98	-9.03	-9.15		ppb
Strontium	86-1	-0.09	-0.13	-0.13	-0.12		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	110.91	ppb
Sulfur	34-1	-764.50	-362.11	-175.36	-433.99		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.00	0.01	85.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.21	ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICB35	Instrumnet Name :	P8
Client Sample ID :	ICB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:45:30	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.02	0.01	0.01	111.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	118.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	-0.01	0.05	0.17	0.07	133.71	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.02	0.00	1275.29	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSA35	Instrumnet Name :	P8
Client Sample ID :	ICSA35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:48:31	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93549.90	91876.93	93091.86	92839.56	0.93	ppb
Antimony	121-1	1.04	1.03	1.08	1.05	2.41	ppb
Arsenic	75-2	0.28	0.28	0.25	0.27	6.57	ppb
Barium	135-1	1.41	1.15	1.34	1.30	10.15	ppb
Barium	137-1	1.41	1.31	1.43	1.39	4.74	ppb
Beryllium	9-1	0.27	0.26	0.26	0.26	2.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	3.35	2.89	3.15	3.13	7.37	ppb
Boron	11-1	3.50	3.32	3.20	3.34	4.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.68	0.53	0.44	0.55	22.31	ppb
Cadmium	106-1	-3.71	-3.85	-2.96	-3.51		ppb
Cadmium	108-1	14.72	14.46	15.78	14.99	4.68	ppb
Calcium	43-1	94819.49	92061.58	96040.92	94307.33	2.16	ppb
Calcium	44-1	91871.95	91795.45	95439.27	93035.56	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.90	18.25	18.08	18.41	2.35	ppb
Cobalt	59-2	1.13	1.09	1.12	1.12	1.86	ppb
Copper	63-2	7.19	6.94	6.99	7.04	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	98709.60	93560.17	95456.16	95908.64	2.72	ppb
Iron	56-2	97016.52	95719.69	96039.48	96258.56	0.70	ppb
Iron	57-2	98509.75	94162.56	94867.93	95846.75	2.43	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSA35	Instrumnet Name :	P8
Client Sample ID :	ICSA35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:48:31	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.36	4.44	4.68	4.49	3.73	ppb
Lead	207-1	3.94	4.26	4.10	4.10	3.94	ppb
Lead	208-1	4.12	4.25	4.33	4.23	2.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	92586.19	89992.47	90983.64	91187.43	1.44	ppb
Manganese	55-2	7.13	6.93	7.01	7.02	1.49	ppb
Molybdenum	94-1	1287.64	1268.64	1324.24	1293.51	2.18	ppb
Molybdenum	95-1	1857.29	1834.01	1884.05	1858.45	1.35	ppb
Molybdenum	96-1	1787.95	1778.92	1810.80	1792.55	0.92	ppb
Molybdenum	97-1	1851.02	1849.89	1892.23	1864.38	1.29	ppb
Molybdenum	98-1	1790.20	1858.98	1900.07	1849.75	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.44	5.40	5.27	5.37	1.64	ppb
Phosphorus	31-2	95267.26	93523.63	93843.96	94211.62	0.99	ppb
Potassium	39-2	89654.87	88056.12	86708.81	88139.93	1.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	0.44	0.33	0.17	0.31	44.44	ppb
Selenium	77-2	0.00	0.83	0.00	0.28	173.21	ppb
Selenium	78-2	-0.55	0.01	-0.36	-0.30		ppb
Silicon	28-1	33.22	34.18	37.87	35.09	7.00	ppb
Silver	107-1	0.05	0.02	0.04	0.04	36.13	ppb
Silver	109-1	0.03	0.04	0.02	0.03	30.63	ppb
Sodium	23-2	96196.86	93987.43	94418.91	94867.73	1.23	ppb
Strontium	86-1	32.69	32.49	34.00	33.06	2.48	ppb
Strontium	88-1	32.90	33.26	33.55	33.24	0.97	ppb
Sulfur	34-1	100535.73	100011.11	101363.37	100636.74	0.68	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.96	ppb
Thallium	205-1	0.05	0.06	0.08	0.06	17.86	ppb
Tin	118-1	0.12	0.20	0.17	0.16	26.67	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSA35	Instrumnet Name :	P8
Client Sample ID :	ICSA35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:48:31	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1920.47	1962.81	1990.35	1957.88	1.80	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	18.51	ppb
Vanadium	51-2	0.15	0.15	0.14	0.15	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	10.38	10.31	10.04	10.24	1.80	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	98.96	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	31.17	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSAB35	Instrumnet Name :	P8
Client Sample ID :	ICSAB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:51:26	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94205.31	95886.25	94799.22	94963.59	0.90	ppb
Antimony	121-1	20.40	19.85	19.72	19.99	1.81	ppb
Arsenic	75-2	19.23	19.51	19.93	19.56	1.82	ppb
Barium	135-1	20.64	20.78	20.23	20.55	1.40	ppb
Barium	137-1	21.10	20.60	20.20	20.63	2.19	ppb
Beryllium	9-1	19.24	19.06	19.11	19.14	0.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	54.98	58.16	59.58	57.57	4.10	ppb
Boron	11-1	60.30	61.99	62.68	61.66	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	19.18	18.89	19.00	19.02	0.76	ppb
Cadmium	106-1	20.33	20.66	17.36	19.45	9.32	ppb
Cadmium	108-1	35.33	34.67	34.19	34.73	1.66	ppb
Calcium	43-1	94779.41	93481.25	92611.65	93624.10	1.17	ppb
Calcium	44-1	92161.28	92384.68	93238.97	92594.98	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.24	37.33	37.55	37.37	0.42	ppb
Cobalt	59-2	20.50	20.62	20.50	20.54	0.34	ppb
Copper	63-2	26.05	26.17	26.12	26.11	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	95261.62	100920.56	99396.55	98526.24	2.97	ppb
Iron	56-2	96352.21	100082.91	98957.78	98464.30	1.94	ppb
Iron	57-2	99032.69	101490.81	99043.98	99855.82	1.42	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSAB35	Instrumnet Name :	P8
Client Sample ID :	ICSAB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:51:26	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.56	23.93	23.33	23.61	1.27	ppb
Lead	207-1	22.71	23.26	22.14	22.70	2.45	ppb
Lead	208-1	22.73	23.19	22.47	22.80	1.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	94459.46	95082.75	96109.26	95217.16	0.87	ppb
Manganese	55-2	25.00	26.67	26.02	25.90	3.25	ppb
Molybdenum	94-1	1399.43	1448.53	1426.23	1424.73	1.73	ppb
Molybdenum	95-1	1876.61	1930.36	1896.19	1901.05	1.43	ppb
Molybdenum	96-1	1850.09	1889.83	1833.45	1857.79	1.56	ppb
Molybdenum	97-1	1930.50	1966.84	1933.26	1943.53	1.04	ppb
Molybdenum	98-1	1908.36	1938.40	1877.56	1908.11	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.38	24.84	24.56	24.60	0.93	ppb
Phosphorus	31-2	96274.27	98986.43	97181.84	97480.85	1.42	ppb
Potassium	39-2	90674.91	90547.75	92058.12	91093.59	0.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	19.30	19.03	19.06	19.13	0.76	ppb
Selenium	77-2	13.28	22.62	23.71	19.87	28.85	ppb
Selenium	78-2	17.49	19.63	18.94	18.68	5.84	ppb
Silicon	28-1	102.93	110.01	83.13	98.69	14.12	ppb
Silver	107-1	18.50	18.38	18.04	18.31	1.30	ppb
Silver	109-1	18.64	18.42	18.13	18.40	1.40	ppb
Sodium	23-2	95710.65	99134.23	97436.69	97427.19	1.76	ppb
Strontium	86-1	84.52	87.88	85.60	86.00	2.00	ppb
Strontium	88-1	86.93	87.21	86.54	86.89	0.38	ppb
Sulfur	34-1	97225.41	104717.31	98298.49	100080.40	4.05	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	19.43	20.04	19.59	19.69	1.61	ppb
Thallium	205-1	19.94	20.63	19.95	20.17	1.98	ppb
Tin	118-1	53.21	51.31	52.56	52.36	1.84	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSAB35	Instrumnet Name :	P8
Client Sample ID :	ICSAB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:51:26	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2008.98	2016.33	1981.28	2002.20	0.92	ppb
Uranium	238-1	53.86	53.89	53.74	53.83	0.14	ppb
Vanadium	51-2	18.53	19.24	18.88	18.88	1.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	29.54	29.60	30.37	29.84	1.55	ppb
Zirconium	90-1	52.93	53.48	53.61	53.34	0.68	ppb
Zirconium	91-1	51.25	52.70	52.80	52.25	1.66	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:54:20	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48796.52	47500.79	50607.72	48968.35	3.19	ppb
Antimony	121-1	453.34	478.47	489.04	473.62	3.87	ppb
Arsenic	75-2	484.77	489.60	515.27	496.55	3.30	ppb
Barium	135-1	2331.80	2433.56	2504.02	2423.13	3.57	ppb
Barium	137-1	2351.73	2446.44	2527.02	2441.73	3.59	ppb
Beryllium	9-1	472.37	490.46	494.42	485.75	2.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	408.38	460.08	469.55	446.01	7.38	ppb
Boron	11-1	432.95	454.49	472.90	453.45	4.41	ppb
Bromine	81-1						cps
Cadmium	111-1	484.74	501.49	512.95	499.73	2.84	ppb
Cadmium	106-1	477.60	509.46	514.65	500.57	4.01	ppb
Cadmium	108-1	467.09	503.47	517.72	496.09	5.26	ppb
Calcium	43-1	232059.45	243600.77	239349.65	238336.62	2.45	ppb
Calcium	44-1	227149.64	238407.63	243774.99	236444.09	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465.78	443.95	477.86	462.53	3.72	ppb
Cobalt	59-2	487.99	461.73	493.74	481.15	3.55	ppb
Copper	63-2	4818.80	4677.13	4970.60	4822.18	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	123821.69	116990.89	124623.54	121812.04	3.44	ppb
Iron	56-2	123575.34	116420.32	125659.50	121885.05	3.98	ppb
Iron	57-2	119975.89	115949.23	124607.25	120177.46	3.61	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:54:20	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2374.68	2517.18	2447.16	2446.34	2.91	ppb
Lead	207-1	2385.59	2503.26	2483.81	2457.55	2.57	ppb
Lead	208-1	2397.21	2480.92	2472.66	2450.26	1.88	ppb
Lithium	6-1				104		%
Magnesium	24-2	241467.35	237701.19	249058.04	242742.19	2.38	ppb
Manganese	55-2	5046.93	4867.46	5119.95	5011.45	2.59	ppb
Molybdenum	94-1	2342.69	2493.88	2450.95	2429.17	3.21	ppb
Molybdenum	95-1	2338.38	2512.69	2445.95	2432.34	3.62	ppb
Molybdenum	96-1	2355.13	2519.75	2436.09	2436.99	3.38	ppb
Molybdenum	97-1	2363.53	2496.73	2449.48	2436.58	2.77	ppb
Molybdenum	98-1	2322.08	2469.77	2444.24	2412.03	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.25	443.48	480.54	463.09	4.02	ppb
Phosphorus	31-2	9612.64	9227.78	9769.86	9536.76	2.92	ppb
Potassium	39-2	118221.60	112650.56	121038.43	117303.53	3.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	471.40	497.51	492.45	487.12	2.84	ppb
Selenium	77-2	493.20	490.55	475.89	486.55	1.92	ppb
Selenium	78-2	481.38	481.70	492.30	485.13	1.28	ppb
Silicon	28-1	503.66	517.87	533.30	518.27	2.86	ppb
Silver	107-1	480.32	508.38	512.99	500.56	3.53	ppb
Silver	109-1	465.02	506.91	514.75	495.56	5.40	ppb
Sodium	23-2	241762.46	235223.54	247215.84	241400.61	2.49	ppb
Strontium	86-1	4668.24	4937.66	4759.30	4788.40	2.86	ppb
Strontium	88-1	4659.73	4955.03	4974.93	4863.23	3.63	ppb
Sulfur	34-1	8460.09	9030.49	9318.99	8936.52	4.89	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	493.26	499.64	507.39	500.09	1.41	ppb
Thallium	205-1	484.09	495.42	498.72	492.75	1.56	ppb
Tin	118-1	473.71	494.54	498.18	488.81	2.70	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:54:20	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2378.81	2455.84	2548.67	2461.11	3.46	ppb
Uranium	238-1	495.54	491.81	526.55	504.63	3.78	ppb
Vanadium	51-2	481.42	461.87	494.13	479.14	3.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	4752.38	4666.07	4924.58	4781.01	2.75	ppb
Zirconium	90-1	476.51	499.95	503.51	493.32	2.97	ppb
Zirconium	91-1	465.13	507.88	518.41	497.14	5.68	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:17:18	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.09	-1.08	-0.78	-0.98		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	51.10	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.04	0.07	0.05	0.06	21.59	ppb
Barium	137-1	0.02	0.03	0.02	0.03	30.55	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	30.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	2.77	2.68	2.80	2.75	2.18	ppb
Boron	11-1	2.87	2.97	3.08	2.97	3.49	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.54	-2.29	-2.26	-2.03		ppb
Cadmium	108-1	-0.06	0.04	-0.05	-0.02		ppb
Calcium	43-1	-1.29	-2.55	-1.08	-1.64		ppb
Calcium	44-1	-9.40	-9.42	-7.97	-8.93		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	22.71	ppb
Copper	63-2	0.00	0.02	0.00	0.01	177.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	54-2	-2.65	-2.93	-2.56	-2.72		ppb
Iron	56-2	-2.95	-2.78	-2.64	-2.79		ppb
Iron	57-2	-4.38	-3.82	-4.45	-4.22		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:17:18	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	20.60	ppb
Lead	207-1	0.02	0.01	0.02	0.02	15.50	ppb
Lead	208-1	0.02	0.03	0.02	0.03	7.59	ppb
Lithium	6-1				112		%
Magnesium	24-2	-5.96	-6.32	-5.86	-6.05		ppb
Manganese	55-2	0.02	0.05	0.03	0.03	44.91	ppb
Molybdenum	94-1	0.00	-0.01	0.04	0.01	194.34	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	22.19	ppb
Molybdenum	96-1	0.04	0.02	0.02	0.03	34.71	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	57.23	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	28.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	102.19	ppb
Phosphorus	31-2	-6.87	-14.20	-12.82	-11.29		ppb
Potassium	39-2	-5.83	-6.44	-1.47	-4.58		ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	-0.15	-0.37	-0.08	-0.20		ppb
Selenium	77-2	0.79	0.79	0.00	0.53	86.60	ppb
Selenium	78-2	0.86	0.64	0.32	0.60	45.33	ppb
Silicon	28-1	-0.70	-1.49	1.15	-0.35		ppb
Silver	107-1	0.00	0.00	0.00	0.00	136.12	ppb
Silver	109-1	0.00	0.00	0.01	0.00	84.47	ppb
Sodium	23-2	-4.22	-6.67	-3.77	-4.89		ppb
Strontium	86-1	-0.04	-0.09	-0.04	-0.06		ppb
Strontium	88-1	0.01	0.00	0.02	0.01	59.98	ppb
Sulfur	34-1	-1758.07	-1569.52	-774.49	-1367.36		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.29	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	7.66	ppb
Tin	118-1	-0.03	-0.02	-0.01	-0.02		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:17:18	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.01	0.09	0.05	74.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	206.68	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	49.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	-0.01	0.09	0.19	0.09	107.99	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:20:19 DataFile Name : 023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.64	21.29	21.91	22.61	7.88	ppb
Antimony	121-1	2.09	1.96	1.93	1.99	4.15	ppb
Arsenic	75-2	0.92	0.96	0.91	0.93	3.00	ppb
Barium	135-1	10.60	9.71	9.06	9.79	7.89	ppb
Barium	137-1	10.56	9.84	9.41	9.94	5.85	ppb
Beryllium	9-1	1.02	0.96	0.99	0.99	3.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				111		%
Boron	10-1	21.19	22.67	22.79	22.22	4.02	ppb
Boron	11-1	23.18	23.93	24.69	23.93	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	1.11	1.12	1.13	1.63	ppb
Cadmium	106-1	-2.24	2.55	-0.77	-0.16		ppb
Cadmium	108-1	0.88	1.06	0.87	0.94	11.47	ppb
Calcium	43-1	518.35	477.16	464.14	486.55	5.82	ppb
Calcium	44-1	509.72	466.84	449.88	475.48	6.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.80	1.85	1.86	2.97	ppb
Cobalt	59-2	1.04	0.98	0.96	0.99	4.23	ppb
Copper	63-2	1.99	1.90	1.94	1.95	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				111		%
Iron	54-2	49.39	45.33	47.98	47.56	4.33	ppb
Iron	56-2	49.71	45.76	45.77	47.08	4.84	ppb
Iron	57-2	47.87	42.45	46.32	45.54	6.13	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:20:19	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.90	0.91	0.93	5.31	ppb
Lead	207-1	1.00	0.94	0.89	0.94	5.57	ppb
Lead	208-1	1.00	0.93	0.90	0.94	5.55	ppb
Lithium	6-1				110		%
Magnesium	24-2	500.11	471.89	479.89	483.96	3.01	ppb
Manganese	55-2	1.02	0.96	0.95	0.98	3.73	ppb
Molybdenum	94-1	5.34	4.93	4.60	4.96	7.40	ppb
Molybdenum	95-1	5.30	4.94	4.74	4.99	5.70	ppb
Molybdenum	96-1	5.23	4.88	4.82	4.98	4.50	ppb
Molybdenum	97-1	5.49	4.92	4.92	5.11	6.45	ppb
Molybdenum	98-1	5.25	4.84	4.66	4.92	6.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.97	1.02	1.02	4.72	ppb
Phosphorus	31-2	-8.22	-9.75	-7.28	-8.42		ppb
Potassium	39-2	462.50	448.29	449.98	453.59	1.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				113		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	5.20	5.18	5.11	5.16	0.96	ppb
Selenium	77-2	5.78	4.62	5.49	5.29	11.45	ppb
Selenium	78-2	3.49	4.32	4.99	4.27	17.65	ppb
Silicon	28-1	15.29	10.92	9.67	11.96	24.63	ppb
Silver	107-1	1.04	1.00	0.94	0.99	4.92	ppb
Silver	109-1	1.06	0.95	0.94	0.99	6.60	ppb
Sodium	23-2	494.89	473.20	471.62	479.90	2.71	ppb
Strontium	86-1	1.05	1.06	0.95	1.02	5.84	ppb
Strontium	88-1	1.14	1.04	1.03	1.07	5.96	ppb
Sulfur	34-1	-236.15	-967.66	-1307.91	-837.24		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	1.04	0.95	0.96	0.98	5.12	ppb
Thallium	205-1	1.07	1.01	1.00	1.03	3.57	ppb
Tin	118-1	5.10	5.06	4.58	4.91	5.91	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:20:19	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.07	5.13	4.50	4.90	7.08	ppb
Uranium	238-1	0.96	0.91	0.87	0.91	4.67	ppb
Vanadium	51-2	4.99	4.68	4.70	4.79	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				114		%
Zinc	66-2	2.54	1.96	2.31	2.27	12.78	ppb
Zirconium	90-1	1.03	0.94	0.91	0.96	6.57	ppb
Zirconium	91-1	1.05	0.89	0.94	0.96	8.34	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140060BL Instrumnet Name : P8
 Client Sample ID : PB140060BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:23:22 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.40	-1.21	-1.28	-1.29		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	193.61	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.06	0.04	0.02	0.04	47.97	ppb
Barium	137-1	0.04	0.01	0.03	0.03	56.02	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	138.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				112		%
Boron	10-1	4.26	4.10	3.57	3.98	9.09	ppb
Boron	11-1	4.55	3.92	3.79	4.08	9.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	-0.02	0.00	2691.37	ppb
Cadmium	106-1	-0.52	1.48	-2.73	-0.59		ppb
Cadmium	108-1	-0.12	-0.08	-0.12	-0.11		ppb
Calcium	43-1	-1.48	-3.16	-2.07	-2.24		ppb
Calcium	44-1	-9.65	-9.91	-10.54	-10.03		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	100.59	ppb
Copper	63-2	0.00	0.01	-0.05	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				113		%
Iron	54-2	-4.04	-4.47	-3.58	-4.03		ppb
Iron	56-2	-3.60	-3.41	-3.56	-3.52		ppb
Iron	57-2	-3.93	-4.27	-4.06	-4.09		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BL	Instrumnet Name :	P8
Client Sample ID :	PB140060BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:23:22	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	13.48	ppb
Lead	207-1	0.01	0.00	0.00	0.01	80.53	ppb
Lead	208-1	0.00	0.00	0.01	0.01	109.52	ppb
Lithium	6-1				113		%
Magnesium	24-2	-6.78	-6.83	-6.91	-6.84		ppb
Manganese	55-2	-0.01	0.02	0.02	0.01	157.03	ppb
Molybdenum	94-1	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	22.62	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.01	31.03	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	352.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	360.29	ppb
Phosphorus	31-2	-28.37	-11.83	2.00	-12.73		ppb
Potassium	39-2	-10.19	-15.30	-8.91	-11.47		ppb
Rhodium	103-1				112		%
Rhodium	103-2				116		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	-0.44	-0.16	0.07	-0.18		ppb
Selenium	77-2	0.00	0.00	0.78	0.26	173.21	ppb
Selenium	78-2	-0.39	0.20	-0.30	-0.16		ppb
Silicon	28-1	-2.27	-1.40	-2.69	-2.12		ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.43	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.08	ppb
Sodium	23-2	-6.09	-7.88	-7.60	-7.19		ppb
Strontium	86-1	-0.07	-0.05	-0.07	-0.06		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	143.22	ppb
Sulfur	34-1	-1161.40	-1041.66	-1308.72	-1170.59		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.02	0.03	0.03	0.03	4.66	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	28.18	ppb
Tin	118-1	-0.02	0.00	-0.04	-0.02		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BL	Instrumnet Name :	P8
Client Sample ID :	PB140060BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:23:22	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.01	0.02	0.01	198.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	29.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				116		%
Zinc	66-2	0.01	-0.23	-0.07	-0.10		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.02	0.02	0.00	5587.64	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BS	Instrumnet Name :	P8
Client Sample ID :	PB140060BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:26:22	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.32	40.29	39.78	40.80	3.28	ppb
Antimony	121-1	3.84	3.95	3.72	3.84	3.10	ppb
Arsenic	75-2	2.14	2.08	1.74	1.99	11.02	ppb
Barium	135-1	18.96	20.58	18.32	19.29	6.04	ppb
Barium	137-1	19.26	19.96	18.34	19.19	4.22	ppb
Beryllium	9-1	1.98	1.96	1.85	1.93	3.44	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	39.19	41.84	43.09	41.37	4.81	ppb
Boron	11-1	41.00	45.03	44.88	43.64	5.23	ppb
Bromine	81-1						cps
Cadmium	111-1	2.25	2.40	2.06	2.24	7.66	ppb
Cadmium	106-1	-0.09	0.64	-0.09	0.15	274.00	ppb
Cadmium	108-1	2.27	1.91	1.92	2.03	10.05	ppb
Calcium	43-1	936.96	954.81	887.88	926.55	3.74	ppb
Calcium	44-1	926.73	958.43	891.99	925.72	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.08	3.83	3.62	3.85	6.06	ppb
Cobalt	59-2	1.92	2.00	1.84	1.92	3.92	ppb
Copper	63-2	3.76	3.83	3.61	3.73	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				113		%
Iron	54-2	463.44	432.99	412.55	436.33	5.87	ppb
Iron	56-2	446.64	433.84	415.99	432.15	3.56	ppb
Iron	57-2	456.60	423.33	410.41	430.11	5.54	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BS	Instrumnet Name :	P8
Client Sample ID :	PB140060BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:26:22	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.79	1.77	1.76	1.78	0.81	ppb
Lead	207-1	1.80	1.85	1.75	1.80	2.73	ppb
Lead	208-1	1.84	1.86	1.71	1.80	4.37	ppb
Lithium	6-1				112		%
Magnesium	24-2	985.26	968.70	945.85	966.60	2.05	ppb
Manganese	55-2	2.01	1.94	1.90	1.95	2.74	ppb
Molybdenum	94-1	9.11	9.52	9.03	9.22	2.86	ppb
Molybdenum	95-1	9.52	9.69	9.11	9.44	3.14	ppb
Molybdenum	96-1	9.91	9.77	9.18	9.62	4.04	ppb
Molybdenum	97-1	9.87	9.94	9.47	9.76	2.62	ppb
Molybdenum	98-1	9.44	9.79	9.25	9.50	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	2.12	2.05	2.09	1.53	ppb
Phosphorus	31-2	-10.96	-11.50	-19.54	-14.00		ppb
Potassium	39-2	924.54	913.78	887.48	908.60	2.10	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	9.77	10.35	9.15	9.76	6.15	ppb
Selenium	77-2	10.65	10.50	11.54	10.90	5.13	ppb
Selenium	78-2	10.31	9.49	8.75	9.51	8.20	ppb
Silicon	28-1	23.34	24.37	20.13	22.61	9.78	ppb
Silver	107-1	1.93	1.99	1.87	1.93	3.25	ppb
Silver	109-1	1.92	2.00	1.88	1.93	3.24	ppb
Sodium	23-2	982.74	958.47	919.25	953.49	3.36	ppb
Strontium	86-1	1.93	2.10	2.00	2.01	4.29	ppb
Strontium	88-1	2.06	2.17	2.01	2.08	4.06	ppb
Sulfur	34-1	-995.18	-900.57	-1388.60	-1094.78		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	1.92	1.81	1.78	1.84	3.93	ppb
Thallium	205-1	1.89	1.87	1.79	1.85	2.67	ppb
Tin	118-1	9.68	9.96	8.99	9.54	5.25	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BS	Instrumnet Name :	P8
Client Sample ID :	PB140060BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:26:22	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.60	9.86	9.38	9.61	2.53	ppb
Uranium	238-1	1.74	1.82	1.67	1.74	4.40	ppb
Vanadium	51-2	9.48	9.49	9.31	9.43	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	11.01	11.13	10.20	10.78	4.71	ppb
Zirconium	90-1	1.79	1.88	1.76	1.81	3.42	ppb
Zirconium	91-1	1.85	1.80	1.79	1.81	1.82	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140061BL Instrumnet Name : P8
 Client Sample ID : PB140061BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:29:25 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.42	-1.27	-1.65	-1.45		ppb
Antimony	121-1	0.00	0.01	0.01	0.00	53.66	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.04	0.05	0.05	0.05	5.74	ppb
Barium	137-1	0.00	0.03	0.02	0.02	84.43	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	268.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	7.32	7.00	5.22	6.51	17.34	ppb
Boron	11-1	7.36	7.50	5.81	6.89	13.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	-0.02	-0.01		ppb
Cadmium	106-1	-0.29	-0.37	-2.58	-1.08		ppb
Cadmium	108-1	0.13	-0.04	-0.06	0.01	834.19	ppb
Calcium	43-1	-2.25	0.82	-3.03	-1.49		ppb
Calcium	44-1	-9.48	-4.64	-10.48	-8.20		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	141.73	ppb
Copper	63-2	0.00	-0.02	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				110		%
Iron	54-2	-3.72	-3.94	-4.38	-4.01		ppb
Iron	56-2	-3.41	-3.51	-3.51	-3.48		ppb
Iron	57-2	-4.61	-4.48	-3.72	-4.27		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BL	Instrumnet Name :	P8
Client Sample ID :	PB140061BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:29:25	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.03	0.00	0.01	116.77	ppb
Lead	207-1	0.01	0.01	0.02	0.01	55.56	ppb
Lead	208-1	0.01	0.02	0.01	0.01	47.81	ppb
Lithium	6-1				108		%
Magnesium	24-2	-7.02	-6.92	-7.10	-7.01		ppb
Manganese	55-2	0.00	0.01	0.00	0.01	132.64	ppb
Molybdenum	94-1	-0.02	0.00	-0.03	-0.02		ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	73.70	ppb
Molybdenum	96-1	0.02	0.00	0.00	0.01	140.33	ppb
Molybdenum	97-1	0.00	0.03	0.00	0.01	217.75	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	37.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00		ppb
Phosphorus	31-2	-16.68	-1.31	2.17	-5.27		ppb
Potassium	39-2	-14.77	-13.26	-9.51	-12.52		ppb
Rhodium	103-1				106		%
Rhodium	103-2				113		%
Scandium	45-1				106		%
Scandium	45-2				113		%
Selenium	82-1	-0.05	-0.60	-0.13	-0.26		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.41	-0.33	0.38	0.15	279.44	ppb
Silicon	28-1	-3.09	7.60	-3.04	0.49	1254.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.96	ppb
Sodium	23-2	-7.06	-8.13	-8.02	-7.74		ppb
Strontium	86-1	-0.06	0.09	-0.07	-0.01		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	10.28	ppb
Sulfur	34-1	-994.91	966.41	-1164.55	-397.69		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.03	0.01	0.02	54.44	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	24.23	ppb
Tin	118-1	-0.02	0.03	-0.01	0.00		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BL	Instrumnet Name :	P8
Client Sample ID :	PB140061BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:29:25	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.01	0.07	0.02	165.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	120.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				112		%
Zinc	66-2	-0.04	-0.05	-0.12	-0.07		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.03	0.03	0.01	0.00	1400.30	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BS	Instrumnet Name :	P8
Client Sample ID :	PB140061BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:32:26	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.36	41.33	43.95	41.54	5.54	ppb
Antimony	121-1	3.70	3.83	4.05	3.86	4.62	ppb
Arsenic	75-2	1.92	1.85	2.10	1.96	6.66	ppb
Barium	135-1	18.96	18.86	20.50	19.44	4.74	ppb
Barium	137-1	18.85	19.65	20.68	19.73	4.66	ppb
Beryllium	9-1	1.86	1.88	2.01	1.92	4.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Boron	10-1	37.77	43.67	46.87	42.77	10.79	ppb
Boron	11-1	39.38	45.42	48.20	44.33	10.17	ppb
Bromine	81-1						cps
Cadmium	111-1	2.20	2.33	2.23	2.25	3.02	ppb
Cadmium	106-1	2.31	-1.49	2.40	1.07	207.24	ppb
Cadmium	108-1	1.75	2.09	2.09	1.98	9.86	ppb
Calcium	43-1	893.17	945.08	970.74	936.33	4.22	ppb
Calcium	44-1	887.37	933.98	950.26	923.87	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.48	3.66	4.10	3.75	8.53	ppb
Cobalt	59-2	1.88	1.92	2.09	1.96	5.50	ppb
Copper	63-2	3.62	3.84	4.07	3.84	5.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				113		%
Iron	54-2	413.87	439.62	470.19	441.23	6.39	ppb
Iron	56-2	403.81	434.04	462.13	433.33	6.73	ppb
Iron	57-2	398.22	431.08	445.03	424.78	5.66	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BS	Instrumnet Name :	P8
Client Sample ID :	PB140061BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:32:26	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.72	1.96	1.94	1.87	6.97	ppb
Lead	207-1	1.76	1.85	1.87	1.83	3.19	ppb
Lead	208-1	1.79	1.88	1.93	1.87	3.87	ppb
Lithium	6-1				112		%
Magnesium	24-2	908.78	972.60	1037.92	973.10	6.64	ppb
Manganese	55-2	1.85	1.88	2.11	1.95	7.24	ppb
Molybdenum	94-1	9.60	10.04	9.87	9.84	2.24	ppb
Molybdenum	95-1	9.66	9.78	9.77	9.74	0.67	ppb
Molybdenum	96-1	9.66	9.78	9.96	9.80	1.57	ppb
Molybdenum	97-1	9.52	10.15	9.89	9.85	3.21	ppb
Molybdenum	98-1	9.32	9.84	9.92	9.69	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.25	2.37	2.18	10.61	ppb
Phosphorus	31-2	-22.21	-7.24	-3.23	-10.89		ppb
Potassium	39-2	855.55	911.05	968.53	911.71	6.20	ppb
Rhodium	103-1				112		%
Rhodium	103-2				116		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	82-1	9.90	9.31	10.79	10.00	7.47	ppb
Selenium	77-2	8.18	7.89	9.82	8.63	12.08	ppb
Selenium	78-2	8.94	10.44	9.34	9.57	8.12	ppb
Silicon	28-1	19.64	23.22	24.41	22.42	11.07	ppb
Silver	107-1	1.87	1.95	2.00	1.94	3.47	ppb
Silver	109-1	1.98	1.99	2.12	2.03	3.80	ppb
Sodium	23-2	883.37	949.69	1012.91	948.66	6.83	ppb
Strontium	86-1	1.99	2.03	2.07	2.03	2.16	ppb
Strontium	88-1	2.01	2.18	2.17	2.12	4.51	ppb
Sulfur	34-1	-1447.30	-930.91	-672.67	-1016.96		ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	1.86	1.89	1.94	1.90	2.28	ppb
Thallium	205-1	1.82	1.91	2.01	1.92	5.04	ppb
Tin	118-1	9.33	9.51	10.25	9.70	5.00	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BS	Instrumnet Name :	P8
Client Sample ID :	PB140061BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:32:26	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.22	9.85	9.70	9.59	3.44	ppb
Uranium	238-1	1.70	1.83	1.77	1.77	3.90	ppb
Vanadium	51-2	9.08	9.51	10.09	9.56	5.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				115		%
Zinc	66-2	10.18	11.51	11.55	11.08	7.03	ppb
Zirconium	90-1	1.82	1.90	1.88	1.87	2.21	ppb
Zirconium	91-1	1.69	1.91	1.98	1.86	8.10	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:05:05	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.41	8.38	8.88	8.56	3.28	ppb
Antimony	121-1	0.96	0.86	0.88	0.90	5.61	ppb
Arsenic	75-2	0.42	0.45	0.45	0.44	3.20	ppb
Barium	135-1	4.62	4.37	4.23	4.40	4.54	ppb
Barium	137-1	4.57	4.50	4.51	4.53	0.83	ppb
Beryllium	9-1	0.42	0.42	0.44	0.43	1.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	8.86	9.67	10.80	9.78	9.97	ppb
Boron	11-1	9.31	10.12	10.81	10.08	7.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.57	0.53	0.48	0.53	9.02	ppb
Cadmium	106-1	1.27	-1.06	-0.01	0.07	1742.36	ppb
Cadmium	108-1	0.61	0.65	0.41	0.55	22.93	ppb
Calcium	43-1	212.60	215.10	212.43	213.38	0.70	ppb
Calcium	44-1	205.56	205.67	200.65	203.96	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.89	0.92	1.01	0.94	6.32	ppb
Cobalt	59-2	0.44	0.48	0.47	0.46	4.34	ppb
Copper	63-2	1.03	1.08	1.16	1.09	6.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	102.76	106.13	110.19	106.36	3.50	ppb
Iron	56-2	103.75	105.71	111.74	107.07	3.89	ppb
Iron	57-2	110.69	102.37	114.80	109.29	5.80	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:05:05	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.42	0.41	0.43	0.42	2.14	ppb
Lead	207-1	0.44	0.46	0.46	0.45	2.60	ppb
Lead	208-1	0.43	0.44	0.43	0.44	1.40	ppb
Lithium	6-1				113		%
Magnesium	24-2	218.12	222.09	230.98	223.73	2.94	ppb
Manganese	55-2	0.50	0.41	0.50	0.47	11.17	ppb
Molybdenum	94-1	2.28	2.23	2.20	2.23	1.80	ppb
Molybdenum	95-1	2.32	2.27	2.27	2.29	1.12	ppb
Molybdenum	96-1	2.42	2.12	2.34	2.30	6.95	ppb
Molybdenum	97-1	2.39	2.01	2.29	2.23	8.85	ppb
Molybdenum	98-1	2.27	2.28	2.24	2.26	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.51	0.52	0.50	5.77	ppb
Phosphorus	31-2	-2.22	-20.96	0.12	-7.69		ppb
Potassium	39-2	205.20	210.38	219.99	211.86	3.54	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	1.78	1.91	2.17	1.95	10.34	ppb
Selenium	77-2	0.00	4.07	0.84	1.63	131.37	ppb
Selenium	78-2	2.84	2.02	2.81	2.56	18.19	ppb
Silicon	28-1	3.94	4.15	3.35	3.81	10.90	ppb
Silver	107-1	0.44	0.43	0.47	0.45	4.31	ppb
Silver	109-1	0.42	0.43	0.45	0.43	4.07	ppb
Sodium	23-2	216.35	219.41	235.96	223.90	4.71	ppb
Strontium	86-1	0.34	0.42	0.44	0.40	12.88	ppb
Strontium	88-1	0.51	0.49	0.48	0.50	3.26	ppb
Sulfur	34-1	-817.52	-764.18	-1050.16	-877.29		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.47	0.42	0.40	0.43	9.19	ppb
Thallium	205-1	0.44	0.45	0.43	0.44	2.13	ppb
Tin	118-1	2.32	2.17	2.34	2.28	3.99	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:05:05	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.28	2.16	2.17	2.20	2.90	ppb
Uranium	238-1	0.41	0.42	0.41	0.42	1.74	ppb
Vanadium	51-2	2.27	2.33	2.33	2.31	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	0.86	1.00	1.22	1.03	17.67	ppb
Zirconium	90-1	0.41	0.40	0.42	0.41	2.44	ppb
Zirconium	91-1	0.37	0.43	0.43	0.41	7.41	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M3263-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-QT4-2021-07 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 14:08:06 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.93	8.69	9.94	9.19	7.20	ppb
Antimony	121-1	0.87	0.86	0.92	0.89	3.69	ppb
Arsenic	75-2	0.42	0.47	0.41	0.44	7.13	ppb
Barium	135-1	4.64	4.25	4.54	4.48	4.56	ppb
Barium	137-1	4.69	4.48	4.59	4.58	2.22	ppb
Beryllium	9-1	0.45	0.45	0.44	0.45	1.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	10.55	10.08	11.67	10.77	7.57	ppb
Boron	11-1	10.64	10.73	11.85	11.07	6.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.59	0.47	0.58	0.54	11.87	ppb
Cadmium	106-1	2.17	-0.60	-1.31	0.09	2110.17	ppb
Cadmium	108-1	0.70	0.74	0.48	0.64	21.79	ppb
Calcium	43-1	215.65	209.18	223.33	216.05	3.28	ppb
Calcium	44-1	205.24	203.69	213.16	207.36	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.90	0.90	1.00	0.93	6.05	ppb
Cobalt	59-2	0.41	0.47	0.52	0.47	11.35	ppb
Copper	63-2	1.09	1.09	1.12	1.10	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	54-2	105.79	106.18	107.78	106.58	0.99	ppb
Iron	56-2	103.02	107.38	111.49	107.30	3.94	ppb
Iron	57-2	107.38	109.86	113.03	110.09	2.57	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2021-07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:08:06	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.37	0.47	0.42	11.59	ppb
Lead	207-1	0.46	0.44	0.46	0.46	3.19	ppb
Lead	208-1	0.43	0.41	0.46	0.43	6.57	ppb
Lithium	6-1				112		%
Magnesium	24-2	216.22	225.00	231.48	224.23	3.41	ppb
Manganese	55-2	0.49	0.48	0.44	0.47	5.11	ppb
Molybdenum	94-1	2.18	2.27	2.16	2.21	2.71	ppb
Molybdenum	95-1	2.24	2.35	2.30	2.30	2.39	ppb
Molybdenum	96-1	2.18	2.24	2.35	2.26	3.66	ppb
Molybdenum	97-1	2.24	2.25	2.42	2.30	4.30	ppb
Molybdenum	98-1	2.24	2.21	2.30	2.25	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.55	0.54	0.54	2.37	ppb
Phosphorus	31-2	-18.93	-1.15	-22.77	-14.29		ppb
Potassium	39-2	200.66	209.62	225.29	211.86	5.88	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	2.14	2.01	2.18	2.11	4.16	ppb
Selenium	77-2	1.62	0.83	2.56	1.67	51.66	ppb
Selenium	78-2	2.95	4.00	2.04	2.99	32.74	ppb
Silicon	28-1	3.87	3.33	5.51	4.24	26.80	ppb
Silver	107-1	0.41	0.41	0.45	0.42	5.04	ppb
Silver	109-1	0.43	0.41	0.49	0.44	9.29	ppb
Sodium	23-2	214.25	221.48	228.93	221.56	3.31	ppb
Strontium	86-1	0.39	0.48	0.41	0.42	10.68	ppb
Strontium	88-1	0.50	0.51	0.48	0.50	2.37	ppb
Sulfur	34-1	-790.61	-866.41	-668.31	-775.11		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.41	0.45	0.41	0.42	5.53	ppb
Thallium	205-1	0.45	0.42	0.46	0.44	5.08	ppb
Tin	118-1	2.17	2.12	2.32	2.20	4.66	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2021-07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:08:06	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.12	1.96	2.35	2.14	9.33	ppb
Uranium	238-1	0.42	0.41	0.42	0.42	1.63	ppb
Vanadium	51-2	2.19	2.28	2.44	2.30	5.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	1.02	1.17	1.23	1.14	9.38	ppb
Zirconium	90-1	0.41	0.40	0.45	0.42	5.52	ppb
Zirconium	91-1	0.43	0.38	0.45	0.42	8.62	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:22:08	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48187.28	48490.99	51167.47	49281.91	3.33	ppb
Antimony	121-1	465.24	467.46	479.95	470.88	1.68	ppb
Arsenic	75-2	490.52	486.64	522.67	499.94	3.96	ppb
Barium	135-1	2358.66	2396.69	2442.97	2399.44	1.76	ppb
Barium	137-1	2373.96	2392.07	2474.69	2413.57	2.22	ppb
Beryllium	9-1	490.69	484.95	491.24	488.96	0.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	421.69	441.41	462.30	441.80	4.60	ppb
Boron	11-1	436.78	456.36	454.67	449.27	2.41	ppb
Bromine	81-1						cps
Cadmium	111-1	485.07	489.99	503.41	492.83	1.93	ppb
Cadmium	106-1	484.25	495.10	500.56	493.30	1.68	ppb
Cadmium	108-1	483.75	486.91	502.08	490.91	2.00	ppb
Calcium	43-1	233336.82	238608.49	243561.43	238502.25	2.14	ppb
Calcium	44-1	232379.17	238857.34	240583.09	237273.20	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455.52	454.95	474.43	461.63	2.40	ppb
Cobalt	59-2	472.20	483.63	503.69	486.51	3.28	ppb
Copper	63-2	4773.89	4781.76	4978.96	4844.87	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	121063.52	120190.46	124949.11	122067.70	2.08	ppb
Iron	56-2	119932.45	120502.35	126203.29	122212.70	2.84	ppb
Iron	57-2	121588.37	120829.86	125410.74	122609.66	2.00	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:22:08	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2458.55	2474.17	2468.46	2467.06	0.32	ppb
Lead	207-1	2483.97	2472.20	2476.86	2477.68	0.24	ppb
Lead	208-1	2482.56	2477.00	2485.42	2481.66	0.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	241361.81	240694.36	250078.15	244044.77	2.15	ppb
Manganese	55-2	5046.04	5001.73	5250.27	5099.35	2.60	ppb
Molybdenum	94-1	2447.56	2441.90	2422.83	2437.43	0.53	ppb
Molybdenum	95-1	2467.38	2429.05	2451.26	2449.23	0.79	ppb
Molybdenum	96-1	2459.85	2481.81	2510.55	2484.07	1.02	ppb
Molybdenum	97-1	2440.01	2461.72	2519.38	2473.70	1.66	ppb
Molybdenum	98-1	2430.49	2440.70	2480.25	2450.48	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.91	453.13	476.22	460.75	2.91	ppb
Phosphorus	31-2	9889.63	9688.81	10104.12	9894.18	2.10	ppb
Potassium	39-2	116324.10	116588.90	122015.94	118309.65	2.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	489.20	500.46	501.19	496.95	1.35	ppb
Selenium	77-2	500.04	458.61	475.98	478.21	4.35	ppb
Selenium	78-2	490.33	470.67	513.38	491.46	4.35	ppb
Silicon	28-1	513.29	532.89	528.07	524.75	1.95	ppb
Silver	107-1	487.01	499.83	496.84	494.56	1.36	ppb
Silver	109-1	481.55	483.40	496.21	487.05	1.64	ppb
Sodium	23-2	238687.97	234754.72	243935.85	239126.18	1.93	ppb
Strontium	86-1	4854.30	4818.50	4829.57	4834.12	0.38	ppb
Strontium	88-1	4892.16	4851.73	4860.24	4868.04	0.44	ppb
Sulfur	34-1	9680.67	9874.43	9972.28	9842.46	1.51	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	505.63	506.73	495.13	502.50	1.27	ppb
Thallium	205-1	505.41	501.73	500.87	502.67	0.48	ppb
Tin	118-1	475.76	468.40	479.59	474.59	1.20	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:22:08	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2463.86	2394.93	2458.24	2439.01	1.57	ppb
Uranium	238-1	505.23	512.98	506.47	508.23	0.82	ppb
Vanadium	51-2	472.26	469.11	488.48	476.62	2.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	4784.03	4680.34	4990.76	4818.38	3.28	ppb
Zirconium	90-1	490.43	488.01	497.41	491.95	0.99	ppb
Zirconium	91-1	492.34	495.30	486.23	491.29	0.94	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P8
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 14:32:07 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.36	-1.02	-0.74	-1.04		ppb
Antimony	121-1	0.04	0.03	0.03	0.03	9.21	ppb
Arsenic	75-2	-0.01	0.01	0.02	0.01	220.95	ppb
Barium	135-1	0.03	0.03	0.02	0.03	14.50	ppb
Barium	137-1	0.04	0.02	0.01	0.02	68.76	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	64.17	ppb
Bismuth	209-1				110		%
Bismuth	209-2				112		%
Boron	10-1	7.23	6.13	6.23	6.53	9.34	ppb
Boron	11-1	7.69	6.51	6.35	6.85	10.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.01	-0.02	-0.02		ppb
Cadmium	106-1	-3.79	-0.75	-1.72	-2.09		ppb
Cadmium	108-1	0.06	-0.05	0.04	0.02	338.01	ppb
Calcium	43-1	0.77	-1.22	-0.77	-0.41		ppb
Calcium	44-1	-8.20	-10.30	-10.17	-9.56		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	42.76	ppb
Copper	63-2	0.01	-0.02	0.06	0.02	230.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	54-2	-2.71	-3.16	-2.46	-2.77		ppb
Iron	56-2	-3.05	-2.93	-2.16	-2.71		ppb
Iron	57-2	-3.80	-3.95	-2.62	-3.45		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:32:07	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.03	0.06	0.06	40.17	ppb
Lead	207-1	0.06	0.04	0.06	0.05	24.43	ppb
Lead	208-1	0.07	0.04	0.05	0.05	28.06	ppb
Lithium	6-1				113		%
Magnesium	24-2	-6.10	-5.64	-4.84	-5.53		ppb
Manganese	55-2	0.06	0.06	0.08	0.07	18.15	ppb
Molybdenum	94-1	0.04	0.03	0.01	0.03	46.46	ppb
Molybdenum	95-1	0.06	0.04	0.02	0.04	48.35	ppb
Molybdenum	96-1	0.07	0.04	0.04	0.05	37.31	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	6.26	ppb
Molybdenum	98-1	0.07	0.04	0.03	0.05	36.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-23.42	-9.64	1.19	-10.62		ppb
Potassium	39-2	-9.83	-11.13	-3.65	-8.20		ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	-0.19	-0.11	-0.53	-0.28		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	-0.65	-0.69	-0.39		ppb
Silicon	28-1	0.21	-2.90	-1.23	-1.31		ppb
Silver	107-1	0.01	0.01	0.00	0.01	32.48	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.90	ppb
Sodium	23-2	-5.73	-7.36	-4.01	-5.70		ppb
Strontium	86-1	-0.03	-0.02	-0.05	-0.03		ppb
Strontium	88-1	0.05	0.04	0.02	0.04	46.00	ppb
Sulfur	34-1	-1311.05	-1866.27	-1413.03	-1530.12		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.28	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	26.69	ppb
Tin	118-1	-0.01	-0.01	-0.03	-0.02		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:32:07	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.05	0.02	0.02	151.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	94.09	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	0.11	0.06	0.08	0.08	32.14	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	16.66	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	25.21	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:37:20 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.35	4.24	4.76	4.45	6.13	ppb
Antimony	121-1	0.27	0.24	0.29	0.27	10.34	ppb
Arsenic	75-2	0.28	0.26	0.28	0.27	4.60	ppb
Barium	135-1	1.32	1.09	1.38	1.26	12.28	ppb
Barium	137-1	1.25	1.32	1.52	1.36	10.33	ppb
Beryllium	9-1	0.28	0.25	0.26	0.26	5.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				107		%
Boron	10-1	0.57	0.29	0.45	0.44	31.38	ppb
Boron	11-1	0.45	0.39	0.57	0.47	19.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.21	0.31	0.25	19.61	ppb
Cadmium	106-1	-2.33	-2.35	-3.41	-2.70		ppb
Cadmium	108-1	0.30	0.24	-0.09	0.15	141.27	ppb
Calcium	43-1	47.62	38.72	38.67	41.67	12.37	ppb
Calcium	44-1	40.31	29.89	36.55	35.58	14.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.25	0.21	0.23	8.30	ppb
Cobalt	59-2	0.26	0.25	0.25	0.25	2.42	ppb
Copper	63-2	0.48	0.44	0.47	0.46	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				109		%
Indium	115-1				98		%
Indium	115-2				108		%
Iron	54-2	9.32	7.85	7.04	8.07	14.32	ppb
Iron	56-2	9.18	9.72	8.95	9.28	4.24	ppb
Iron	57-2	10.00	8.65	9.80	9.48	7.71	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:37:20	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.28	0.25	10.44	ppb
Lead	207-1	0.25	0.20	0.31	0.25	20.69	ppb
Lead	208-1	0.26	0.22	0.28	0.25	12.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	19.04	18.68	17.77	18.50	3.52	ppb
Manganese	55-2	0.42	0.48	0.55	0.48	13.80	ppb
Molybdenum	94-1	0.60	0.46	0.52	0.53	13.92	ppb
Molybdenum	95-1	0.28	0.26	0.23	0.25	10.40	ppb
Molybdenum	96-1	0.29	0.27	0.35	0.30	13.05	ppb
Molybdenum	97-1	0.30	0.23	0.27	0.27	12.46	ppb
Molybdenum	98-1	0.27	0.22	0.26	0.25	9.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.24	0.19	0.23	14.25	ppb
Phosphorus	31-2	-17.93	4.08	-8.98	-7.61		ppb
Potassium	39-2	16.55	20.23	13.12	16.63	21.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				109		%
Scandium	45-1				100		%
Scandium	45-2				110		%
Selenium	82-1	2.05	2.85	2.82	2.57	17.62	ppb
Selenium	77-2	1.67	0.80	3.30	1.93	65.82	ppb
Selenium	78-2	2.27	1.97	3.11	2.45	24.01	ppb
Silicon	28-1	6.16	0.35	6.37	4.30	79.52	ppb
Silver	107-1	0.26	0.25	0.31	0.28	11.85	ppb
Silver	109-1	0.26	0.24	0.27	0.26	5.23	ppb
Sodium	23-2	34.11	32.33	29.45	31.96	7.36	ppb
Strontium	86-1	0.19	0.18	0.32	0.23	32.62	ppb
Strontium	88-1	0.28	0.25	0.29	0.27	6.95	ppb
Sulfur	34-1	407.61	-1278.78	-323.83	-398.33		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.25	0.21	0.24	0.23	8.04	ppb
Thallium	205-1	0.27	0.24	0.26	0.26	5.50	ppb
Tin	118-1	0.27	0.24	0.30	0.27	10.15	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:37:20	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.24	0.22	0.28	27.85	ppb
Uranium	238-1	0.25	0.21	0.26	0.24	10.86	ppb
Vanadium	51-2	0.26	0.25	0.23	0.24	6.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				110		%
Zinc	66-2	0.50	0.54	0.51	0.52	4.04	ppb
Zirconium	90-1	0.24	0.20	0.27	0.24	14.44	ppb
Zirconium	91-1	0.22	0.26	0.27	0.25	10.29	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT3-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:40:20 DataFile Name : 036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.13	19.85	19.85	19.61	2.14	ppb
Antimony	121-1	1.95	1.94	2.06	1.98	3.52	ppb
Arsenic	75-2	0.96	0.97	0.96	0.97	0.17	ppb
Barium	135-1	9.98	10.49	10.24	10.23	2.46	ppb
Barium	137-1	10.11	10.36	10.24	10.24	1.25	ppb
Beryllium	9-1	0.91	1.00	1.04	0.98	6.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	18.64	21.67	22.83	21.04	10.27	ppb
Boron	11-1	19.49	21.96	23.81	21.75	9.96	ppb
Bromine	81-1						cps
Cadmium	111-1	1.22	1.06	1.13	1.14	6.92	ppb
Cadmium	106-1	0.08	-3.78	-1.69	-1.80		ppb
Cadmium	108-1	0.80	0.97	1.24	1.00	22.05	ppb
Calcium	43-1	477.28	492.99	492.65	487.64	1.84	ppb
Calcium	44-1	462.66	477.38	493.79	477.94	3.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	2.01	2.00	1.96	3.43	ppb
Cobalt	59-2	0.98	1.03	1.03	1.01	2.97	ppb
Copper	63-2	1.94	1.92	1.92	1.93	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	54-2	48.53	54.62	49.39	50.85	6.47	ppb
Iron	56-2	48.54	49.94	48.33	48.94	1.80	ppb
Iron	57-2	45.98	45.67	44.17	45.27	2.14	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:40:20	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.95	0.97	0.93	5.81	ppb
Lead	207-1	0.90	1.00	1.00	0.97	6.37	ppb
Lead	208-1	0.88	0.98	0.98	0.94	6.06	ppb
Lithium	6-1				108		%
Magnesium	24-2	490.59	499.83	500.02	496.81	1.08	ppb
Manganese	55-2	1.02	1.05	1.08	1.05	3.09	ppb
Molybdenum	94-1	4.60	4.95	5.13	4.89	5.59	ppb
Molybdenum	95-1	4.78	4.95	5.21	4.98	4.42	ppb
Molybdenum	96-1	4.73	5.30	5.29	5.11	6.33	ppb
Molybdenum	97-1	4.94	5.36	5.22	5.17	4.08	ppb
Molybdenum	98-1	4.67	5.11	5.23	5.01	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.07	1.10	1.11	3.55	ppb
Phosphorus	31-2	-15.90	-15.22	-15.41	-15.51		ppb
Potassium	39-2	467.29	488.45	466.46	474.07	2.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	5.28	4.67	5.24	5.06	6.71	ppb
Selenium	77-2	4.90	3.36	4.95	4.40	20.59	ppb
Selenium	78-2	3.50	5.23	5.64	4.79	23.64	ppb
Silicon	28-1	11.02	12.32	13.76	12.37	11.08	ppb
Silver	107-1	0.98	1.03	1.05	1.02	3.21	ppb
Silver	109-1	0.98	1.06	1.03	1.02	3.89	ppb
Sodium	23-2	481.83	497.91	492.53	490.75	1.67	ppb
Strontium	86-1	0.98	1.12	1.04	1.04	6.89	ppb
Strontium	88-1	1.01	1.15	1.14	1.10	6.90	ppb
Sulfur	34-1	-1234.98	-951.73	-585.02	-923.91		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.83	0.99	1.02	0.95	10.44	ppb
Thallium	205-1	0.92	0.98	1.00	0.97	4.41	ppb
Tin	118-1	4.81	5.09	5.17	5.02	3.71	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:40:20	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.95	4.76	5.08	4.93	3.29	ppb
Uranium	238-1	0.86	0.92	0.92	0.90	4.01	ppb
Vanadium	51-2	5.10	5.15	4.95	5.07	2.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	2.46	2.47	2.37	2.44	2.42	ppb
Zirconium	90-1	0.87	0.99	1.01	0.96	7.65	ppb
Zirconium	91-1	0.79	0.92	0.97	0.89	10.43	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:43:24 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	3.40	4.18	3.74	10.86	ppb
Antimony	121-1	0.22	0.27	0.25	0.24	9.09	ppb
Arsenic	75-2	0.32	0.25	0.29	0.29	10.94	ppb
Barium	135-1	1.28	1.27	1.22	1.26	2.33	ppb
Barium	137-1	1.17	1.28	1.31	1.25	5.56	ppb
Beryllium	9-1	0.22	0.23	0.23	0.23	2.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	2.50	2.40	2.19	2.36	6.55	ppb
Boron	11-1	2.44	2.40	2.15	2.33	6.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.18	0.22	0.21	14.72	ppb
Cadmium	106-1	-1.59	-4.90	-4.42	-3.64		ppb
Cadmium	108-1	0.30	0.41	0.02	0.24	81.36	ppb
Calcium	43-1	36.09	37.13	38.49	37.24	3.24	ppb
Calcium	44-1	27.16	30.76	29.54	29.15	6.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.28	0.24	0.26	7.33	ppb
Cobalt	59-2	0.25	0.25	0.27	0.26	3.78	ppb
Copper	63-2	0.46	0.47	0.47	0.47	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	54-2	8.82	7.69	8.57	8.36	7.07	ppb
Iron	56-2	8.64	9.54	9.11	9.10	4.94	ppb
Iron	57-2	9.32	7.18	7.66	8.05	13.95	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:43:24 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.26	0.23	0.23	0.24	7.53	ppb
Lead	207-1	0.23	0.23	0.22	0.23	2.82	ppb
Lead	208-1	0.23	0.23	0.21	0.22	4.89	ppb
Lithium	6-1				106		%
Magnesium	24-2	17.98	17.78	19.43	18.40	4.91	ppb
Manganese	55-2	0.48	0.47	0.48	0.47	1.97	ppb
Molybdenum	94-1	0.55	0.51	0.49	0.52	6.27	ppb
Molybdenum	95-1	0.24	0.24	0.22	0.24	4.64	ppb
Molybdenum	96-1	0.29	0.31	0.31	0.31	4.10	ppb
Molybdenum	97-1	0.25	0.19	0.26	0.23	16.23	ppb
Molybdenum	98-1	0.24	0.23	0.23	0.23	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.26	0.27	0.26	5.13	ppb
Phosphorus	31-2	20.79	-5.67	-5.63	3.16	482.64	ppb
Potassium	39-2	14.58	19.77	20.04	18.13	16.96	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	2.13	2.47	2.20	2.27	7.82	ppb
Selenium	77-2	0.81	1.65	0.00	0.82	100.42	ppb
Selenium	78-2	3.49	2.43	3.28	3.07	18.23	ppb
Silicon	28-1	-1.88	-0.58	-1.90	-1.45		ppb
Silver	107-1	0.26	0.24	0.28	0.26	8.47	ppb
Silver	109-1	0.25	0.25	0.26	0.26	3.61	ppb
Sodium	23-2	23.55	25.61	26.81	25.32	6.50	ppb
Strontium	86-1	0.16	0.11	0.18	0.15	23.67	ppb
Strontium	88-1	0.24	0.24	0.25	0.24	2.79	ppb
Sulfur	34-1	-1379.68	-902.65	-1109.41	-1130.58		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.22	0.23	0.22	3.22	ppb
Thallium	205-1	0.22	0.23	0.23	0.23	1.88	ppb
Tin	118-1	0.24	0.27	0.24	0.25	7.57	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:43:24	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.24	0.24	0.22	0.23	3.33	ppb
Uranium	238-1	0.22	0.22	0.24	0.23	4.69	ppb
Vanadium	51-2	0.24	0.20	0.23	0.23	9.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	0.32	0.42	0.43	0.39	16.01	ppb
Zirconium	90-1	0.22	0.25	0.21	0.23	9.77	ppb
Zirconium	91-1	0.22	0.24	0.24	0.23	5.03	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:46:24 DataFile Name : 038LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.29	19.33	18.57	19.73	7.12	ppb
Antimony	121-1	1.98	2.09	1.96	2.01	3.35	ppb
Arsenic	75-2	0.95	1.15	1.11	1.07	10.18	ppb
Barium	135-1	10.28	10.40	10.14	10.27	1.27	ppb
Barium	137-1	10.26	10.48	9.70	10.15	3.98	ppb
Beryllium	9-1	0.98	1.07	0.95	1.00	5.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	20.19	22.24	21.39	21.27	4.85	ppb
Boron	11-1	21.54	23.53	22.41	22.49	4.43	ppb
Bromine	81-1						cps
Cadmium	111-1	1.24	1.24	1.17	1.22	3.49	ppb
Cadmium	106-1	-0.64	-1.61	-1.42	-1.22		ppb
Cadmium	108-1	1.18	1.25	1.09	1.17	6.81	ppb
Calcium	43-1	478.89	478.60	463.73	473.74	1.83	ppb
Calcium	44-1	470.37	483.35	452.32	468.68	3.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	2.14	1.96	2.05	4.44	ppb
Cobalt	59-2	1.04	1.06	0.94	1.01	6.62	ppb
Copper	63-2	1.97	1.98	1.90	1.95	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	50.96	52.29	48.15	50.47	4.19	ppb
Iron	56-2	49.96	50.42	48.94	49.77	1.52	ppb
Iron	57-2	52.93	50.78	51.35	51.69	2.16	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:46:24	DataFile Name :	038LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.96	0.95	0.91	0.94	2.96	ppb
Lead	207-1	0.97	1.00	0.96	0.98	1.95	ppb
Lead	208-1	0.97	0.98	0.92	0.96	3.09	ppb
Lithium	6-1				107		%
Magnesium	24-2	507.73	517.15	500.20	508.36	1.67	ppb
Manganese	55-2	1.08	1.15	1.00	1.08	6.88	ppb
Molybdenum	94-1	4.95	5.25	4.82	5.00	4.42	ppb
Molybdenum	95-1	5.16	5.26	4.80	5.07	4.79	ppb
Molybdenum	96-1	4.99	5.32	4.85	5.05	4.76	ppb
Molybdenum	97-1	5.20	5.37	4.86	5.14	5.01	ppb
Molybdenum	98-1	5.01	5.36	4.86	5.08	5.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.15	1.10	1.15	3.93	ppb
Phosphorus	31-2	-20.13	-14.73	-10.37	-15.08		ppb
Potassium	39-2	472.12	483.66	479.65	478.48	1.22	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	5.77	5.46	5.24	5.49	4.77	ppb
Selenium	77-2	5.01	4.32	7.33	5.55	28.44	ppb
Selenium	78-2	4.52	5.34	4.15	4.67	13.12	ppb
Silicon	28-1	11.76	12.91	9.53	11.40	15.05	ppb
Silver	107-1	0.96	1.05	1.02	1.01	4.36	ppb
Silver	109-1	0.99	1.05	0.99	1.01	3.12	ppb
Sodium	23-2	495.51	499.94	490.35	495.27	0.97	ppb
Strontium	86-1	1.03	1.10	0.91	1.02	9.45	ppb
Strontium	88-1	1.11	1.15	1.02	1.09	6.25	ppb
Sulfur	34-1	-1014.98	-859.64	-1356.74	-1077.12		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.99	0.96	0.92	0.96	3.79	ppb
Thallium	205-1	0.97	0.96	0.95	0.96	1.09	ppb
Tin	118-1	4.87	5.19	4.87	4.98	3.73	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:46:24	DataFile Name :	038LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.01	4.94	4.52	4.82	5.46	ppb
Uranium	238-1	0.93	0.92	0.84	0.90	5.66	ppb
Vanadium	51-2	5.11	5.23	4.86	5.07	3.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	2.21	2.20	2.42	2.28	5.38	ppb
Zirconium	90-1	0.94	1.01	0.91	0.95	5.30	ppb
Zirconium	91-1	0.88	0.97	0.91	0.92	5.45	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:49:27 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.13	3.18	3.27	3.53	14.89	ppb
Antimony	121-1	0.27	0.24	0.24	0.25	6.94	ppb
Arsenic	75-2	0.26	0.26	0.24	0.26	4.75	ppb
Barium	135-1	1.42	1.24	1.16	1.27	10.62	ppb
Barium	137-1	1.35	1.17	1.25	1.26	7.16	ppb
Beryllium	9-1	0.26	0.23	0.23	0.24	6.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	3.12	2.41	2.60	2.71	13.67	ppb
Boron	11-1	3.33	2.73	2.42	2.83	16.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.24	0.22	0.24	9.89	ppb
Cadmium	106-1	-1.97	-0.53	-1.94	-1.48		ppb
Cadmium	108-1	0.44	0.31	0.14	0.29	51.21	ppb
Calcium	43-1	46.60	36.29	39.88	40.92	12.80	ppb
Calcium	44-1	39.52	27.93	30.04	32.50	19.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.22	0.18	0.23	24.52	ppb
Cobalt	59-2	0.26	0.24	0.22	0.24	8.58	ppb
Copper	63-2	0.53	0.47	0.47	0.49	6.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	54-2	9.93	9.31	8.59	9.28	7.20	ppb
Iron	56-2	9.97	9.17	8.74	9.29	6.75	ppb
Iron	57-2	9.53	8.25	6.85	8.21	16.29	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:49:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.28	0.21	0.20	0.23	19.46	ppb
Lead	207-1	0.29	0.22	0.20	0.24	18.73	ppb
Lead	208-1	0.27	0.22	0.21	0.23	15.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	20.42	20.36	17.89	19.55	7.36	ppb
Manganese	55-2	0.52	0.56	0.43	0.50	13.28	ppb
Molybdenum	94-1	0.59	0.56	0.49	0.55	8.78	ppb
Molybdenum	95-1	0.29	0.25	0.21	0.25	15.20	ppb
Molybdenum	96-1	0.34	0.24	0.29	0.29	17.39	ppb
Molybdenum	97-1	0.24	0.22	0.29	0.25	14.15	ppb
Molybdenum	98-1	0.26	0.26	0.23	0.25	8.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.21	0.24	0.24	13.21	ppb
Phosphorus	31-2	-9.74	-8.63	-18.78	-12.38		ppb
Potassium	39-2	17.42	14.26	9.75	13.81	27.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				110		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	82-1	2.99	2.52	2.25	2.59	14.50	ppb
Selenium	77-2	3.35	1.65	2.37	2.46	34.57	ppb
Selenium	78-2	3.40	2.30	1.70	2.47	34.94	ppb
Silicon	28-1	6.22	-1.80	-0.95	1.16	381.17	ppb
Silver	107-1	0.31	0.29	0.26	0.29	8.49	ppb
Silver	109-1	0.32	0.24	0.26	0.27	14.09	ppb
Sodium	23-2	28.58	23.02	22.30	24.63	13.96	ppb
Strontium	86-1	0.26	0.21	0.13	0.20	33.10	ppb
Strontium	88-1	0.27	0.23	0.25	0.25	8.96	ppb
Sulfur	34-1	64.14	-1355.57	-1032.76	-774.73		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.27	0.20	0.19	0.22	20.59	ppb
Thallium	205-1	0.28	0.21	0.22	0.24	15.37	ppb
Tin	118-1	0.30	0.25	0.23	0.26	13.61	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:49:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.26	0.22	0.23	0.24	10.45	ppb
Uranium	238-1	0.25	0.21	0.22	0.23	9.54	ppb
Vanadium	51-2	0.25	0.22	0.20	0.22	10.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				110		%
Zinc	66-2	0.41	0.47	0.32	0.40	17.77	ppb
Zirconium	90-1	0.28	0.24	0.22	0.25	12.15	ppb
Zirconium	91-1	0.24	0.21	0.24	0.23	7.87	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-11 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-05-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:52:28 DataFile Name : 040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.07	19.86	20.37	19.77	3.33	ppb
Antimony	121-1	1.96	1.94	2.04	1.98	2.75	ppb
Arsenic	75-2	1.03	1.03	1.02	1.02	0.74	ppb
Barium	135-1	9.73	9.99	10.21	9.98	2.41	ppb
Barium	137-1	9.77	9.80	10.00	9.86	1.24	ppb
Beryllium	9-1	0.98	0.99	0.93	0.97	2.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	20.53	20.83	23.40	21.59	7.33	ppb
Boron	11-1	20.78	22.45	23.90	22.38	6.99	ppb
Bromine	81-1						cps
Cadmium	111-1	1.11	1.00	1.06	1.06	5.08	ppb
Cadmium	106-1	-1.43	-1.76	-2.33	-1.84		ppb
Cadmium	108-1	1.10	0.88	1.07	1.02	11.60	ppb
Calcium	43-1	474.93	479.12	472.27	475.44	0.73	ppb
Calcium	44-1	473.11	470.07	467.13	470.10	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.93	1.96	1.96	1.53	ppb
Cobalt	59-2	1.00	1.06	0.99	1.01	4.05	ppb
Copper	63-2	1.93	1.93	2.02	1.96	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	54-2	46.25	50.49	49.55	48.76	4.57	ppb
Iron	56-2	47.30	48.78	49.85	48.64	2.63	ppb
Iron	57-2	48.85	47.50	49.64	48.66	2.22	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:52:28	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.92	0.97	0.92	5.28	ppb
Lead	207-1	0.97	0.96	0.97	0.97	0.82	ppb
Lead	208-1	0.92	0.93	0.94	0.93	1.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	486.03	498.35	518.84	501.07	3.31	ppb
Manganese	55-2	0.99	1.12	1.07	1.06	6.15	ppb
Molybdenum	94-1	4.78	5.01	4.94	4.91	2.42	ppb
Molybdenum	95-1	4.83	4.84	5.07	4.91	2.79	ppb
Molybdenum	96-1	4.97	4.92	5.23	5.04	3.33	ppb
Molybdenum	97-1	4.88	5.09	5.22	5.07	3.41	ppb
Molybdenum	98-1	4.83	4.88	5.01	4.91	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.04	1.11	1.06	4.42	ppb
Phosphorus	31-2	-4.04	-20.29	0.54	-7.93		ppb
Potassium	39-2	452.83	478.78	483.92	471.84	3.53	ppb
Rhodium	103-1				105		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	5.79	5.20	5.37	5.45	5.54	ppb
Selenium	77-2	7.04	4.10	7.52	6.22	29.79	ppb
Selenium	78-2	4.77	5.22	5.36	5.11	6.04	ppb
Silicon	28-1	12.13	12.36	11.68	12.05	2.86	ppb
Silver	107-1	0.99	0.98	1.00	0.99	1.33	ppb
Silver	109-1	1.00	1.00	1.02	1.00	1.05	ppb
Sodium	23-2	476.54	502.22	512.43	497.06	3.72	ppb
Strontium	86-1	1.05	1.09	1.05	1.06	2.26	ppb
Strontium	88-1	1.11	1.10	1.08	1.10	1.29	ppb
Sulfur	34-1	-1025.23	-1183.46	-1210.18	-1139.62		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.99	0.96	0.94	0.96	2.17	ppb
Thallium	205-1	0.96	0.92	0.99	0.96	3.69	ppb
Tin	118-1	4.88	4.81	4.88	4.86	0.78	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:52:28	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.98	4.90	5.13	5.00	2.28	ppb
Uranium	238-1	0.89	0.88	0.93	0.90	3.16	ppb
Vanadium	51-2	4.79	4.92	5.01	4.90	2.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				111		%
Zinc	66-2	2.41	2.30	2.45	2.39	3.40	ppb
Zirconium	90-1	0.92	0.93	0.96	0.94	1.94	ppb
Zirconium	91-1	0.89	0.92	1.03	0.95	8.27	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140059BL Instrumnet Name : P8
 Client Sample ID : PB140059BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:55:32 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.51	-1.39	-1.76	-1.55		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	77.86	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.02	-0.01	0.02	0.01	175.98	ppb
Barium	137-1	0.01	0.00	0.00	0.00	188.89	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	1148.31	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	2.81	2.50	2.18	2.50	12.63	ppb
Boron	11-1	3.08	2.59	2.24	2.64	15.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.01	-0.01	-0.02		ppb
Cadmium	106-1	-3.95	-0.39	-1.90	-2.08		ppb
Cadmium	108-1	0.05	-0.12	-0.16	-0.07		ppb
Calcium	43-1	-2.32	-2.95	-3.34	-2.87		ppb
Calcium	44-1	-10.69	-11.94	-12.39	-11.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.05	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	57.07	ppb
Copper	63-2	-0.04	-0.01	-0.05	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	54-2	-3.43	-3.68	-4.11	-3.74		ppb
Iron	56-2	-3.44	-3.41	-3.45	-3.43		ppb
Iron	57-2	-3.22	-3.97	-4.51	-3.90		ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140059BL Instrumnet Name : P8
 Client Sample ID : PB140059BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:55:32 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	145.87	ppb
Lead	207-1	-0.01	0.00	0.00	-0.01		ppb
Lead	208-1	-0.01	0.00	-0.01	-0.01		ppb
Lithium	6-1				108		%
Magnesium	24-2	-6.78	-6.88	-6.51	-6.72		ppb
Manganese	55-2	0.01	0.00	0.00	0.00	147.01	ppb
Molybdenum	94-1	-0.03	-0.04	0.00	-0.02		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	121.73	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	46.42	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	272.76	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	64.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.02	0.02	69.25	ppb
Phosphorus	31-2	-12.34	-15.17	-5.36	-10.96		ppb
Potassium	39-2	-8.20	-13.68	-15.17	-12.35		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	-0.04	-0.24	-0.50	-0.26		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.54	-0.21	-0.33	0.00	27979.28	ppb
Silicon	28-1	-0.21	-3.20	-2.32	-1.91		ppb
Silver	107-1	0.00	0.01	0.01	0.01	51.09	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.30	ppb
Sodium	23-2	-9.39	-9.22	-14.42	-11.01		ppb
Strontium	86-1	-0.05	-0.10	-0.06	-0.07		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	23.16	ppb
Sulfur	34-1	-825.39	-1174.13	-1335.85	-1111.79		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.01	-0.01	0.00		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BL	Instrumnet Name :	P8
Client Sample ID :	PB140059BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:55:32	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.03	-0.01	0.01	184.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	42.09	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	68.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	-0.06	-0.06	-0.09	-0.07		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	0.01	-0.02	-0.01		ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140058BL Instrumnet Name : P8
 Client Sample ID : PB140058BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:58:33 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.58	-1.21	-1.52	-1.44		ppb
Antimony	121-1	-0.01	0.00	0.01	0.00		ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	-0.01	0.00	0.00	364.47	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	65.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	1.06	1.11	1.02	1.06	4.52	ppb
Boron	11-1	0.98	0.98	1.27	1.08	15.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.01	-0.04	-0.03		ppb
Cadmium	106-1	-4.83	-2.31	-4.45	-3.86		ppb
Cadmium	108-1	-0.09	-0.06	-0.18	-0.11		ppb
Calcium	43-1	-3.51	-3.73	-2.48	-3.24		ppb
Calcium	44-1	-11.53	-11.37	-10.95	-11.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	-0.01	0.01	204.85	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	99.45	ppb
Copper	63-2	-0.03	-0.01	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	54-2	-3.62	-4.45	-3.01	-3.69		ppb
Iron	56-2	-3.49	-3.39	-3.51	-3.46		ppb
Iron	57-2	-3.87	-4.69	-3.98	-4.18		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BL	Instrumnet Name :	P8
Client Sample ID :	PB140058BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:58:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.02	0.00	3096.39	ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.02		ppb
Lead	208-1	-0.01	-0.01	0.00	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	-6.45	-6.96	-7.22	-6.88		ppb
Manganese	55-2	-0.01	0.03	-0.01	0.00	717.37	ppb
Molybdenum	94-1	-0.01	-0.03	0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	125.04	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	95.61	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	71.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	24.80	ppb
Phosphorus	31-2	-5.60	-7.55	-0.42	-4.52		ppb
Potassium	39-2	-12.35	-10.94	-8.09	-10.46		ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.20	-0.05	0.22	0.12	121.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.20	-0.07	-0.17		ppb
Silicon	28-1	-1.77	-2.21	-1.02	-1.67		ppb
Silver	107-1	0.00	0.00	0.00	0.00	716.66	ppb
Silver	109-1	0.01	0.00	0.01	0.01	42.88	ppb
Sodium	23-2	-10.31	-11.43	-12.07	-11.27		ppb
Strontium	86-1	-0.08	-0.07	-0.06	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	76.76	ppb
Sulfur	34-1	-1160.56	-1168.07	-730.08	-1019.57		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BL	Instrumnet Name :	P8
Client Sample ID :	PB140058BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:58:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.06	0.06	0.04	63.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	195.61	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	24.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	0.05	-0.03	-0.11	-0.03		ppb
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BS	Instrumnet Name :	P8
Client Sample ID :	PB140059BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:01:36	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10352.17	10371.38	10460.80	10394.79	0.56	ppb
Antimony	121-1	512.00	501.78	485.24	499.67	2.70	ppb
Arsenic	75-2	507.81	507.04	500.75	505.20	0.77	ppb
Barium	135-1	2583.02	2500.83	2411.94	2498.60	3.42	ppb
Barium	137-1	2516.41	2489.84	2455.04	2487.10	1.24	ppb
Beryllium	9-1	517.17	499.20	496.44	504.27	2.23	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	430.20	444.54	455.10	443.28	2.82	ppb
Boron	11-1	420.07	456.72	441.48	439.42	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	522.03	513.81	501.81	512.55	1.98	ppb
Cadmium	106-1	511.07	495.33	496.82	501.07	1.73	ppb
Cadmium	108-1	510.63	501.82	493.63	502.03	1.69	ppb
Calcium	43-1	51388.60	51014.23	50717.25	51040.03	0.66	ppb
Calcium	44-1	50908.58	48751.98	49085.68	49582.08	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.73	493.58	487.74	491.35	0.64	ppb
Cobalt	59-2	525.66	525.31	510.41	520.46	1.67	ppb
Copper	63-2	5187.64	5157.27	5116.17	5153.69	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	26887.91	27103.95	26871.28	26954.38	0.48	ppb
Iron	56-2	26016.23	26447.07	25855.77	26106.36	1.17	ppb
Iron	57-2	25308.86	25413.15	25706.10	25476.04	0.81	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BS	Instrumnet Name :	P8
Client Sample ID :	PB140059BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:01:36	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2522.05	2528.59	2422.17	2490.94	2.39	ppb
Lead	207-1	2558.64	2482.68	2402.10	2481.14	3.16	ppb
Lead	208-1	2563.05	2490.67	2434.98	2496.23	2.57	ppb
Lithium	6-1				105		%
Magnesium	24-2	52067.04	52745.26	52518.36	52443.55	0.66	ppb
Manganese	55-2	5182.33	5195.61	5133.43	5170.46	0.63	ppb
Molybdenum	94-1	2622.23	2499.74	2509.75	2543.91	2.67	ppb
Molybdenum	95-1	2642.90	2492.36	2501.01	2545.42	3.32	ppb
Molybdenum	96-1	2630.26	2500.80	2474.75	2535.27	3.29	ppb
Molybdenum	97-1	2659.39	2498.22	2519.87	2559.16	3.42	ppb
Molybdenum	98-1	2600.31	2479.18	2498.48	2525.99	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.93	516.90	504.78	509.53	1.27	ppb
Phosphorus	31-2	10231.53	10130.88	10143.10	10168.51	0.54	ppb
Potassium	39-2	24435.03	24947.56	25154.71	24845.77	1.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	529.05	498.60	502.54	510.06	3.25	ppb
Selenium	77-2	477.30	506.26	494.59	492.72	2.96	ppb
Selenium	78-2	505.75	515.70	507.46	509.64	1.04	ppb
Silicon	28-1	535.15	533.36	526.73	531.75	0.83	ppb
Silver	107-1	526.39	515.19	503.05	514.88	2.27	ppb
Silver	109-1	514.68	506.59	506.43	509.24	0.93	ppb
Sodium	23-2	51049.54	51141.36	51872.94	51354.62	0.88	ppb
Strontium	86-1	5167.78	4919.40	4893.61	4993.60	3.03	ppb
Strontium	88-1	5244.88	4984.02	4906.21	5045.03	3.52	ppb
Sulfur	34-1	10197.97	9680.94	8870.28	9583.07	6.98	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	506.05	509.31	498.23	504.53	1.13	ppb
Thallium	205-1	509.75	491.17	490.21	497.04	2.22	ppb
Tin	118-1	511.15	504.06	485.50	500.24	2.65	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BS	Instrumnet Name :	P8
Client Sample ID :	PB140059BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:01:36	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2588.64	2508.26	2497.90	2531.60	1.96	ppb
Uranium	238-1	494.18	486.37	476.63	485.72	1.81	ppb
Vanadium	51-2	499.82	498.11	496.27	498.06	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	5405.22	5240.47	5254.97	5300.22	1.72	ppb
Zirconium	90-1	514.69	499.64	502.94	505.76	1.56	ppb
Zirconium	91-1	527.07	503.92	505.37	512.12	2.53	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140058BS Instrumnet Name : P8
 Client Sample ID : PB140058BS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:04:29 DataFile Name : 044LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10838.64	11152.35	9789.73	10593.57	6.74	ppb
Antimony	121-1	567.85	502.57	464.43	511.61	10.22	ppb
Arsenic	75-2	536.94	526.50	479.60	514.35	5.94	ppb
Barium	135-1	2847.00	2498.42	2364.40	2569.94	9.69	ppb
Barium	137-1	2874.97	2508.96	2333.96	2572.63	10.73	ppb
Beryllium	9-1	566.50	511.12	470.60	516.08	9.33	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	514.37	490.37	467.56	490.77	4.77	ppb
Boron	11-1	513.02	496.20	469.40	492.87	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	585.96	513.40	476.82	525.39	10.57	ppb
Cadmium	106-1	577.09	497.14	468.58	514.27	10.94	ppb
Cadmium	108-1	562.38	505.55	463.94	510.62	9.68	ppb
Calcium	43-1	58671.37	51028.03	46498.73	52066.04	11.82	ppb
Calcium	44-1	57913.69	49405.13	45813.36	51044.06	12.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.75	522.44	459.60	498.93	6.87	ppb
Cobalt	59-2	539.99	558.19	494.98	531.05	6.13	ppb
Copper	63-2	5333.96	5410.46	4940.99	5228.47	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	27681.87	28519.77	25275.94	27159.19	6.20	ppb
Iron	56-2	26904.37	27718.67	24701.28	26441.44	5.90	ppb
Iron	57-2	26656.54	27433.59	24114.28	26068.14	6.66	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BS	Instrumnet Name :	P8
Client Sample ID :	PB140058BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:04:29	DataFile Name :	044LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2843.16	2492.12	2316.21	2550.50	10.52	ppb
Lead	207-1	2815.13	2517.28	2330.21	2554.21	9.57	ppb
Lead	208-1	2846.66	2513.43	2343.14	2567.75	9.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	55492.12	56149.50	49756.66	53799.43	6.54	ppb
Manganese	55-2	5359.84	5424.08	4769.68	5184.53	6.96	ppb
Molybdenum	94-1	2958.43	2495.63	2284.11	2579.39	13.37	ppb
Molybdenum	95-1	2905.54	2479.45	2301.40	2562.13	12.12	ppb
Molybdenum	96-1	2917.81	2496.59	2338.21	2584.20	11.59	ppb
Molybdenum	97-1	2954.32	2537.94	2397.36	2629.87	11.01	ppb
Molybdenum	98-1	2909.04	2484.11	2370.53	2587.89	10.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.55	535.00	481.91	514.49	5.55	ppb
Phosphorus	31-2	10625.34	10975.51	9644.23	10415.02	6.63	ppb
Potassium	39-2	25831.85	26437.59	23990.19	25419.88	5.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	583.99	501.43	470.87	518.77	11.28	ppb
Selenium	77-2	562.89	545.51	477.65	528.68	8.52	ppb
Selenium	78-2	534.84	541.23	495.48	523.85	4.73	ppb
Silicon	28-1	610.17	538.56	501.01	549.91	10.08	ppb
Silver	107-1	592.69	527.90	470.09	530.23	11.57	ppb
Silver	109-1	572.08	505.09	476.09	517.75	9.51	ppb
Sodium	23-2	53602.90	54557.70	48445.98	52202.19	6.30	ppb
Strontium	86-1	5743.73	4994.03	4738.34	5158.70	10.13	ppb
Strontium	88-1	5726.83	5008.91	4691.04	5142.26	10.32	ppb
Sulfur	34-1	12243.84	8675.86	7165.95	9361.88	27.85	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	578.45	488.82	466.11	511.12	11.62	ppb
Thallium	205-1	577.25	490.32	463.32	510.30	11.67	ppb
Tin	118-1	566.13	490.67	457.32	504.71	11.05	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BS	Instrumnet Name :	P8
Client Sample ID :	PB140058BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:04:29	DataFile Name :	044LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2858.18	2502.36	2340.36	2566.97	10.32	ppb
Uranium	238-1	570.63	470.12	453.94	498.23	12.69	ppb
Vanadium	51-2	520.38	533.24	476.19	509.93	5.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	5558.24	5574.28	5013.51	5382.01	5.93	ppb
Zirconium	90-1	567.21	493.83	457.80	506.28	11.01	ppb
Zirconium	91-1	582.50	494.56	459.64	512.23	12.36	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:12:48	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48753.75	50203.91	51367.23	50108.30	2.61	ppb
Antimony	121-1	474.29	470.45	497.26	480.67	3.02	ppb
Arsenic	75-2	481.70	492.50	508.07	494.09	2.68	ppb
Barium	135-1	2408.04	2356.79	2522.95	2429.26	3.50	ppb
Barium	137-1	2437.61	2342.68	2503.04	2427.78	3.32	ppb
Beryllium	9-1	494.38	483.00	517.27	498.22	3.50	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	471.83	470.90	520.63	487.78	5.83	ppb
Boron	11-1	468.15	464.13	509.19	480.49	5.19	ppb
Bromine	81-1						cps
Cadmium	111-1	513.06	485.59	518.87	505.84	3.51	ppb
Cadmium	106-1	493.66	489.05	512.89	498.53	2.54	ppb
Cadmium	108-1	481.76	486.50	521.58	496.61	4.38	ppb
Calcium	43-1	237568.83	237247.07	252335.43	242383.78	3.56	ppb
Calcium	44-1	235964.50	236753.30	249096.07	240604.63	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	458.72	459.41	482.09	466.74	2.85	ppb
Cobalt	59-2	481.83	479.85	485.43	482.37	0.59	ppb
Copper	63-2	4798.36	4822.63	5052.45	4891.14	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				110		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	54-2	121399.81	121736.70	126089.44	123075.32	2.13	ppb
Iron	56-2	121099.43	122380.83	124632.30	122704.19	1.46	ppb
Iron	57-2	118844.32	122938.95	123952.70	121911.99	2.22	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:12:48	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2466.65	2424.53	2550.63	2480.60	2.59	ppb
Lead	207-1	2515.97	2483.14	2593.54	2530.88	2.24	ppb
Lead	208-1	2480.49	2467.89	2582.42	2510.27	2.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	244924.61	249105.22	251054.58	248361.47	1.26	ppb
Manganese	55-2	5055.59	5138.94	5268.31	5154.28	2.08	ppb
Molybdenum	94-1	2416.22	2462.17	2595.20	2491.20	3.73	ppb
Molybdenum	95-1	2437.75	2440.74	2631.25	2503.24	4.43	ppb
Molybdenum	96-1	2433.10	2403.65	2674.30	2503.68	5.93	ppb
Molybdenum	97-1	2358.76	2394.52	2630.26	2461.18	5.99	ppb
Molybdenum	98-1	2401.74	2399.76	2524.06	2441.86	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.60	461.56	474.48	465.21	1.74	ppb
Phosphorus	31-2	9130.65	9730.47	9848.62	9569.91	4.02	ppb
Potassium	39-2	116627.23	118699.49	123788.14	119704.95	3.08	ppb
Rhodium	103-1				95		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	82-1	486.50	485.90	525.98	499.46	4.60	ppb
Selenium	77-2	488.27	509.82	485.91	494.67	2.66	ppb
Selenium	78-2	475.68	487.06	507.56	490.10	3.30	ppb
Silicon	28-1	629.26	668.70	732.21	676.73	7.68	ppb
Silver	107-1	483.83	475.76	505.65	488.41	3.17	ppb
Silver	109-1	468.01	458.27	487.46	471.25	3.15	ppb
Sodium	23-2	239737.09	245567.73	248478.67	244594.50	1.82	ppb
Strontium	86-1	4866.94	4821.62	5155.10	4947.89	3.66	ppb
Strontium	88-1	4825.08	4865.49	5143.97	4944.85	3.51	ppb
Sulfur	34-1	8541.33	8985.57	9488.94	9005.28	5.26	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	502.82	503.54	527.51	511.29	2.75	ppb
Thallium	205-1	493.05	486.89	518.99	499.65	3.41	ppb
Tin	118-1	492.66	479.49	517.94	496.70	3.93	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:12:48	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2463.44	2447.67	2546.19	2485.77	2.13	ppb
Uranium	238-1	495.14	493.69	516.13	501.65	2.50	ppb
Vanadium	51-2	469.29	475.12	494.48	479.63	2.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	4808.59	4836.57	5041.24	4895.47	2.59	ppb
Zirconium	90-1	483.66	497.09	522.66	501.14	3.95	ppb
Zirconium	91-1	484.75	493.70	515.90	498.12	3.22	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P8
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:19:47 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.66	-0.74	-1.26	-0.89		ppb
Antimony	121-1	0.09	0.09	0.09	0.09	2.67	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	474.58	ppb
Barium	135-1	0.06	0.09	0.05	0.06	30.25	ppb
Barium	137-1	0.06	0.05	0.07	0.06	22.89	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	11.19	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	18.87	18.64	17.83	18.45	2.97	ppb
Boron	11-1	19.83	19.02	18.66	19.17	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.02	-0.06	-0.05		ppb
Cadmium	106-1	-7.50	-5.08	-6.32	-6.30		ppb
Cadmium	108-1	0.10	-0.03	-0.08	0.00		ppb
Calcium	43-1	0.84	-0.25	-0.43	0.05	1276.00	ppb
Calcium	44-1	-5.92	-5.17	-6.23	-5.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.05	0.03	0.03	46.09	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	40.19	ppb
Copper	63-2	0.13	0.10	0.12	0.11	15.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	54-2	-2.73	-2.32	-3.02	-2.69		ppb
Iron	56-2	-2.22	-2.39	-2.42	-2.34		ppb
Iron	57-2	-3.08	-2.13	-3.70	-2.97		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:19:47	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.10	0.13	19.51	ppb
Lead	207-1	0.15	0.14	0.10	0.13	17.89	ppb
Lead	208-1	0.14	0.13	0.11	0.13	9.92	ppb
Lithium	6-1				104		%
Magnesium	24-2	-4.75	-5.28	-5.10	-5.04		ppb
Manganese	55-2	0.15	0.20	0.17	0.17	15.06	ppb
Molybdenum	94-1	0.05	0.06	0.06	0.05	12.75	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	2.19	ppb
Molybdenum	96-1	0.10	0.09	0.09	0.09	9.45	ppb
Molybdenum	97-1	0.12	0.07	0.06	0.08	43.53	ppb
Molybdenum	98-1	0.12	0.10	0.10	0.11	8.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.01	70.83	ppb
Phosphorus	31-2	-22.43	10.70	-1.90	-4.54		ppb
Potassium	39-2	3.85	-3.46	-0.52	-0.05		ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-0.64	-0.29	-0.05	-0.33		ppb
Selenium	77-2	0.00	0.86	0.00	0.29	173.21	ppb
Selenium	78-2	-0.20	0.52	0.27	0.20	183.14	ppb
Silicon	28-1	2.40	3.11	1.90	2.47	24.59	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.26	ppb
Silver	109-1	0.04	0.03	0.03	0.04	10.45	ppb
Sodium	23-2	1.69	1.79	2.90	2.13	31.74	ppb
Strontium	86-1	-0.01	0.01	0.00	0.00	22529.82	ppb
Strontium	88-1	0.08	0.06	0.06	0.07	15.62	ppb
Sulfur	34-1	-2052.70	-1847.53	-2100.29	-2000.17		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.06	0.07	0.06	17.67	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	7.40	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	1273.44	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:19:47	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.04	0.06	0.08	62.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.40	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	113.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.05	0.29	0.39	0.25	71.99	ppb
Zirconium	90-1	0.00	-0.01	0.02	0.00	344.19	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	46.00	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB137983BL Instrumnet Name : P8
 Client Sample ID : PB137983BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:22:48 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.47	-1.39	-1.22	-1.36		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	21.45	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	4268.06	ppb
Barium	135-1	0.05	0.07	0.07	0.06	23.24	ppb
Barium	137-1	0.07	0.05	0.04	0.06	25.14	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	21.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	13.96	13.19	13.15	13.43	3.39	ppb
Boron	11-1	15.03	13.68	13.59	14.10	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-4.51	-6.08	-3.04	-4.54		ppb
Cadmium	108-1	-0.11	-0.10	-0.01	-0.07		ppb
Calcium	43-1	-2.19	-2.13	-3.27	-2.53		ppb
Calcium	44-1	-4.83	-9.88	-9.94	-8.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	-0.01	0.02	118.62	ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	69.96	ppb
Copper	63-2	0.03	0.07	0.01	0.04	75.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	-2.82	-3.29	-3.03	-3.05		ppb
Iron	56-2	-3.27	-3.11	-3.24	-3.21		ppb
Iron	57-2	-3.59	-3.92	-4.34	-3.95		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BL	Instrumnet Name :	P8
Client Sample ID :	PB137983BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:22:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.07	0.08	13.50	ppb
Lead	207-1	0.09	0.07	0.09	0.08	16.48	ppb
Lead	208-1	0.09	0.07	0.08	0.08	13.42	ppb
Lithium	6-1				104		%
Magnesium	24-2	-6.33	-6.45	-6.08	-6.29		ppb
Manganese	55-2	0.10	0.14	0.10	0.12	22.31	ppb
Molybdenum	94-1	0.06	0.01	0.02	0.03	89.96	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	5.46	ppb
Molybdenum	96-1	0.09	0.03	0.02	0.05	75.84	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	22.25	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	19.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.01	131.92	ppb
Phosphorus	31-2	-20.03	6.78	-15.53	-9.59		ppb
Potassium	39-2	-2.66	0.19	-3.71	-2.06		ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	-0.30	0.34	0.10	0.05	683.79	ppb
Selenium	77-2	0.00	0.86	0.00	0.29	173.21	ppb
Selenium	78-2	0.01	-0.48	0.59	0.04	1412.53	ppb
Silicon	28-1	1.77	-1.67	-2.71	-0.87		ppb
Silver	107-1	0.01	0.02	0.02	0.01	10.02	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.51	ppb
Sodium	23-2	-0.74	1.72	-1.69	-0.24		ppb
Strontium	86-1	0.09	-0.09	-0.02	-0.01		ppb
Strontium	88-1	0.08	0.02	0.03	0.04	79.20	ppb
Sulfur	34-1	-1915.72	-2547.21	-2536.72	-2333.21		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.04	0.05	0.05	20.15	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	8.28	ppb
Tin	118-1	-0.02	-0.03	0.00	-0.02		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BL	Instrumnet Name :	P8
Client Sample ID :	PB137983BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:22:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.23	0.09	0.07	0.13	67.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.52	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	117.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	0.03	0.00	-0.06	-0.01		ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.04	0.00	0.00	0.01	130.33	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BS	Instrumnet Name :	P8
Client Sample ID :	PB137983BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:25:52	DataFile Name :	049LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10741.89	10454.31	10119.85	10438.69	2.98	ppb
Antimony	121-1	484.51	489.37	497.07	490.32	1.29	ppb
Arsenic	75-2	509.89	518.93	488.01	505.61	3.14	ppb
Barium	135-1	2413.28	2436.41	2547.35	2465.68	2.91	ppb
Barium	137-1	2359.29	2478.11	2527.51	2454.97	3.52	ppb
Beryllium	9-1	482.85	485.37	486.18	484.80	0.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	422.19	445.94	461.60	443.24	4.48	ppb
Boron	11-1	426.93	450.37	472.56	449.96	5.07	ppb
Bromine	81-1						cps
Cadmium	111-1	499.51	495.43	509.11	501.35	1.40	ppb
Cadmium	106-1	480.64	494.24	508.01	494.30	2.77	ppb
Cadmium	108-1	475.07	482.24	503.84	487.05	3.08	ppb
Calcium	43-1	48581.63	50409.55	49848.72	49613.30	1.89	ppb
Calcium	44-1	46779.21	48046.78	48485.79	47770.60	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.73	489.00	478.84	492.52	3.20	ppb
Cobalt	59-2	539.82	522.03	514.14	525.33	2.50	ppb
Copper	63-2	5437.72	5225.08	5120.56	5261.12	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	27393.95	27195.26	25921.84	26837.02	2.98	ppb
Iron	56-2	27221.35	26157.78	25439.70	26272.94	3.41	ppb
Iron	57-2	26575.33	25831.60	25180.81	25862.58	2.70	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BS	Instrumnet Name :	P8
Client Sample ID :	PB137983BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:25:52	DataFile Name :	049LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2395.50	2417.34	2424.42	2412.42	0.63	ppb
Lead	207-1	2388.91	2427.30	2456.03	2424.08	1.39	ppb
Lead	208-1	2399.82	2437.08	2421.32	2419.40	0.77	ppb
Lithium	6-1				106		%
Magnesium	24-2	54948.27	53269.11	51126.76	53114.72	3.61	ppb
Manganese	55-2	5320.65	5102.95	4976.78	5133.46	3.39	ppb
Molybdenum	94-1	2416.82	2408.67	2419.25	2414.91	0.23	ppb
Molybdenum	95-1	2411.57	2405.52	2412.22	2409.77	0.15	ppb
Molybdenum	96-1	2441.02	2402.04	2460.64	2434.57	1.23	ppb
Molybdenum	97-1	2428.17	2403.33	2452.59	2428.03	1.01	ppb
Molybdenum	98-1	2414.24	2370.47	2424.00	2402.90	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.75	515.96	504.28	514.66	1.90	ppb
Phosphorus	31-2	10459.97	10549.06	10049.53	10352.85	2.57	ppb
Potassium	39-2	25890.37	25238.00	24547.54	25225.30	2.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	489.88	491.12	489.88	490.29	0.15	ppb
Selenium	77-2	486.04	561.49	466.62	504.72	9.93	ppb
Selenium	78-2	517.07	539.84	504.85	520.58	3.41	ppb
Silicon	28-1	490.39	519.69	528.48	512.85	3.89	ppb
Silver	107-1	500.64	509.13	511.15	506.97	1.10	ppb
Silver	109-1	496.67	489.85	512.88	499.80	2.37	ppb
Sodium	23-2	53318.23	52635.47	50214.95	52056.22	3.13	ppb
Strontium	86-1	4853.83	4789.39	4992.62	4878.61	2.13	ppb
Strontium	88-1	4889.11	4804.81	4912.05	4868.65	1.16	ppb
Sulfur	34-1	8146.67	8501.68	8272.63	8306.99	2.17	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	489.20	501.79	494.97	495.32	1.27	ppb
Thallium	205-1	498.41	490.22	479.36	489.33	1.95	ppb
Tin	118-1	481.46	483.76	495.95	487.05	1.60	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BS	Instrumnet Name :	P8
Client Sample ID :	PB137983BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:25:52	DataFile Name :	049LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2436.25	2480.38	2467.77	2461.47	0.92	ppb
Uranium	238-1	470.74	477.22	467.01	471.66	1.10	ppb
Vanadium	51-2	523.48	501.15	492.31	505.65	3.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	5476.37	5294.79	5231.45	5334.20	2.38	ppb
Zirconium	90-1	488.47	487.33	489.33	488.38	0.21	ppb
Zirconium	91-1	487.66	493.86	489.32	490.28	0.66	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:28:45	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49129.18	50234.75	48104.93	49156.29	2.17	ppb
Antimony	121-1	481.12	472.30	482.88	478.77	1.18	ppb
Arsenic	75-2	496.00	506.88	478.86	493.91	2.86	ppb
Barium	135-1	2464.80	2417.67	2500.71	2461.06	1.69	ppb
Barium	137-1	2508.09	2406.21	2475.76	2463.35	2.11	ppb
Beryllium	9-1	493.12	472.29	500.37	488.59	2.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	489.48	482.13	529.26	500.29	5.07	ppb
Boron	11-1	481.30	486.40	525.47	497.73	4.85	ppb
Bromine	81-1						cps
Cadmium	111-1	514.61	497.54	513.83	508.66	1.89	ppb
Cadmium	106-1	499.98	484.95	498.85	494.59	1.69	ppb
Cadmium	108-1	488.80	495.05	504.95	496.27	1.64	ppb
Calcium	43-1	247373.32	228874.67	244338.51	240195.50	4.13	ppb
Calcium	44-1	240321.40	226424.15	241023.15	235922.90	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	450.39	475.39	448.53	458.10	3.27	ppb
Cobalt	59-2	471.40	476.33	460.55	469.43	1.72	ppb
Copper	63-2	4766.93	4913.38	4735.83	4805.38	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				106		%
Iron	54-2	120274.92	122753.62	117774.39	120267.64	2.07	ppb
Iron	56-2	117449.79	125654.87	117628.95	120244.54	3.90	ppb
Iron	57-2	119188.63	122405.45	117717.70	119770.59	2.00	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:28:45	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2437.19	2483.84	2516.70	2479.24	1.61	ppb
Lead	207-1	2487.49	2460.98	2549.56	2499.34	1.82	ppb
Lead	208-1	2495.20	2468.27	2538.30	2500.59	1.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	245384.69	249056.87	234683.89	243041.82	3.07	ppb
Manganese	55-2	5021.10	5176.01	4949.74	5048.95	2.29	ppb
Molybdenum	94-1	2478.67	2481.59	2508.75	2489.67	0.67	ppb
Molybdenum	95-1	2470.85	2503.93	2499.65	2491.47	0.72	ppb
Molybdenum	96-1	2526.43	2484.37	2470.02	2493.60	1.18	ppb
Molybdenum	97-1	2498.78	2465.65	2484.82	2483.09	0.67	ppb
Molybdenum	98-1	2453.85	2449.78	2461.24	2454.96	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.59	467.99	442.71	453.76	2.85	ppb
Phosphorus	31-2	9523.71	9958.22	9453.91	9645.28	2.83	ppb
Potassium	39-2	117915.06	120046.31	115158.19	117706.52	2.08	ppb
Rhodium	103-1				94		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	82-1	495.23	496.95	499.36	497.18	0.42	ppb
Selenium	77-2	504.50	514.71	498.29	505.83	1.64	ppb
Selenium	78-2	487.73	505.32	487.85	493.63	2.05	ppb
Silicon	28-1	646.99	638.32	706.40	663.90	5.58	ppb
Silver	107-1	481.51	475.75	491.03	482.76	1.60	ppb
Silver	109-1	476.03	471.46	482.36	476.62	1.15	ppb
Sodium	23-2	236584.95	247468.00	228357.56	237470.17	4.04	ppb
Strontium	86-1	4869.83	4892.03	4919.70	4893.85	0.51	ppb
Strontium	88-1	4922.09	4886.52	4988.17	4932.26	1.05	ppb
Sulfur	34-1	8827.65	7929.27	8891.51	8549.48	6.29	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	506.21	504.40	518.49	509.70	1.50	ppb
Thallium	205-1	496.21	501.40	499.86	499.16	0.53	ppb
Tin	118-1	486.71	474.29	497.52	486.17	2.39	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:28:45	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2497.52	2416.94	2477.34	2463.93	1.70	ppb
Uranium	238-1	504.22	503.81	514.72	507.58	1.22	ppb
Vanadium	51-2	465.71	485.93	461.11	470.92	2.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	4683.01	4957.98	4693.91	4778.30	3.26	ppb
Zirconium	90-1	494.59	489.72	500.34	494.88	1.07	ppb
Zirconium	91-1	498.39	503.41	508.36	503.39	0.99	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:41:20	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.50	-1.24	-1.34	-1.36		ppb
Antimony	121-1	0.03	0.05	0.05	0.04	21.32	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	58.04	ppb
Barium	135-1	0.11	0.09	0.09	0.10	13.13	ppb
Barium	137-1	0.08	0.07	0.10	0.08	19.97	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	12.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	12.65	12.76	12.40	12.60	1.45	ppb
Boron	11-1	13.26	12.53	12.79	12.86	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.06	-0.02	-0.03		ppb
Cadmium	106-1	-2.15	-6.24	-3.23	-3.87		ppb
Cadmium	108-1	0.13	0.05	-0.04	0.05	191.37	ppb
Calcium	43-1	-2.82	-1.69	-1.61	-2.04		ppb
Calcium	44-1	-7.65	-8.34	-8.16	-8.05		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.00	0.00	0.01	168.79	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	16.52	ppb
Copper	63-2	0.07	0.09	0.07	0.08	13.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	54-2	-3.62	-3.79	-3.36	-3.59		ppb
Iron	56-2	-3.13	-3.09	-3.05	-3.09		ppb
Iron	57-2	-2.88	-3.66	-3.46	-3.33		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:41:20	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.10	0.10	3.65	ppb
Lead	207-1	0.06	0.09	0.08	0.08	22.51	ppb
Lead	208-1	0.08	0.08	0.09	0.08	5.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	-6.42	-6.02	-6.23	-6.22		ppb
Manganese	55-2	0.13	0.12	0.10	0.12	14.00	ppb
Molybdenum	94-1	0.04	-0.02	0.01	0.01	298.83	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.04	24.72	ppb
Molybdenum	96-1	0.06	0.05	0.07	0.06	18.64	ppb
Molybdenum	97-1	0.06	0.03	0.01	0.03	74.27	ppb
Molybdenum	98-1	0.06	0.03	0.02	0.04	50.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	86.14	ppb
Phosphorus	31-2	-7.44	-11.57	-12.19	-10.40		ppb
Potassium	39-2	-2.07	0.46	-1.10	-0.90		ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.09	-0.53	0.14	-0.10		ppb
Selenium	77-2	0.00	0.00	1.69	0.56	173.21	ppb
Selenium	78-2	0.24	-0.19	-0.12	-0.02		ppb
Silicon	28-1	-0.66	17.91	-1.03	5.41	200.37	ppb
Silver	107-1	0.00	0.01	0.02	0.01	60.88	ppb
Silver	109-1	0.02	0.01	0.02	0.02	14.55	ppb
Sodium	23-2	-2.19	0.57	0.13	-0.50		ppb
Strontium	86-1	-0.04	-0.02	-0.04	-0.03		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	10.51	ppb
Sulfur	34-1	-1364.95	-1231.83	-1511.48	-1369.42		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.04	0.05	0.05	21.65	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	7.04	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	866.51	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:41:20	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.05	0.01	0.02	138.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.65	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	17.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	-0.01	0.24	0.10	0.11	110.87	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	34.07	ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	102.10	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-17 Instrumnet Name : P8
 Client Sample ID : LLOQ-WATER-QT3-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:53:28 DataFile Name : 055LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.60	19.78	20.03	20.14	2.08	ppb
Antimony	121-1	2.07	1.92	1.90	1.96	4.75	ppb
Arsenic	75-2	0.97	1.07	1.08	1.04	5.62	ppb
Barium	135-1	10.34	10.43	10.07	10.28	1.82	ppb
Barium	137-1	10.62	10.21	9.93	10.25	3.38	ppb
Beryllium	9-1	1.03	1.03	0.99	1.02	2.62	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	27.19	27.22	27.51	27.31	0.64	ppb
Boron	11-1	27.54	28.54	29.88	28.66	4.09	ppb
Bromine	81-1						cps
Cadmium	111-1	1.23	1.23	1.10	1.19	6.41	ppb
Cadmium	106-1	-1.07	-0.22	-2.07	-1.12		ppb
Cadmium	108-1	1.07	1.04	1.46	1.19	19.78	ppb
Calcium	43-1	498.63	484.19	467.77	483.53	3.19	ppb
Calcium	44-1	494.30	472.65	463.94	476.96	3.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	1.88	1.99	1.97	4.29	ppb
Cobalt	59-2	0.99	1.01	1.00	1.00	1.05	ppb
Copper	63-2	2.08	1.92	1.93	1.98	4.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	54-2	53.07	49.44	47.11	49.87	6.02	ppb
Iron	56-2	49.82	49.97	48.16	49.32	2.04	ppb
Iron	57-2	50.37	50.88	46.36	49.20	5.04	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:53:28	DataFile Name :	055LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.03	0.95	0.99	0.99	4.42	ppb
Lead	207-1	1.06	0.90	1.02	0.99	8.28	ppb
Lead	208-1	1.05	0.95	1.00	1.00	5.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	507.92	511.35	502.82	507.36	0.85	ppb
Manganese	55-2	1.09	1.12	1.11	1.10	1.42	ppb
Molybdenum	94-1	4.91	4.89	4.97	4.92	0.93	ppb
Molybdenum	95-1	4.98	4.98	5.05	5.00	0.77	ppb
Molybdenum	96-1	4.80	4.99	4.94	4.91	1.93	ppb
Molybdenum	97-1	5.13	5.08	5.04	5.08	0.95	ppb
Molybdenum	98-1	5.15	4.94	5.00	5.03	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.99	1.16	1.08	7.51	ppb
Phosphorus	31-2	3.47	-17.27	-2.28	-5.36		ppb
Potassium	39-2	481.43	463.72	465.53	470.23	2.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	4.90	5.06	5.34	5.10	4.40	ppb
Selenium	77-2	5.97	9.11	8.17	7.75	20.78	ppb
Selenium	78-2	5.73	4.77	4.76	5.09	10.95	ppb
Silicon	28-1	13.65	11.01	10.85	11.84	13.27	ppb
Silver	107-1	1.02	0.97	0.98	0.99	2.77	ppb
Silver	109-1	1.02	1.00	0.95	0.99	3.95	ppb
Sodium	23-2	512.69	505.31	498.14	505.38	1.44	ppb
Strontium	86-1	1.06	0.94	1.09	1.03	7.65	ppb
Strontium	88-1	1.10	1.06	1.10	1.09	2.32	ppb
Sulfur	34-1	-818.53	-1123.63	-1388.00	-1110.05		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.01	0.92	0.96	0.96	4.62	ppb
Thallium	205-1	1.05	0.99	1.00	1.01	3.37	ppb
Tin	118-1	5.39	5.04	4.83	5.09	5.55	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:53:28	DataFile Name :	055LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.17	4.82	5.12	5.04	3.70	ppb
Uranium	238-1	0.94	0.88	0.90	0.91	3.19	ppb
Vanadium	51-2	4.89	5.05	4.76	4.90	2.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	2.36	2.38	2.46	2.40	2.20	ppb
Zirconium	90-1	0.98	0.92	0.96	0.96	3.20	ppb
Zirconium	91-1	0.92	0.87	0.91	0.90	2.71	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:56:29	DataFile Name :	056LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.35	19.40	18.18	19.31	5.63	ppb
Antimony	121-1	2.03	2.11	2.04	2.06	2.18	ppb
Arsenic	75-2	1.02	0.99	1.05	1.02	2.99	ppb
Barium	135-1	10.00	9.93	10.04	9.99	0.58	ppb
Barium	137-1	10.12	10.08	10.25	10.15	0.87	ppb
Beryllium	9-1	1.03	0.96	1.00	1.00	3.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	27.97	28.11	30.77	28.95	5.45	ppb
Boron	11-1	29.59	29.34	31.44	30.12	3.81	ppb
Bromine	81-1						cps
Cadmium	111-1	1.16	1.15	1.13	1.14	1.60	ppb
Cadmium	106-1	-1.72	-1.25	-3.80	-2.26		ppb
Cadmium	108-1	0.88	1.27	1.20	1.12	18.39	ppb
Calcium	43-1	467.90	476.17	495.43	479.84	2.94	ppb
Calcium	44-1	471.01	474.93	488.06	478.00	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	2.02	1.98	1.95	4.64	ppb
Cobalt	59-2	1.05	1.02	1.00	1.02	2.29	ppb
Copper	63-2	1.93	2.02	1.96	1.97	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	54-2	51.48	50.66	49.63	50.59	1.83	ppb
Iron	56-2	49.09	49.63	48.47	49.07	1.18	ppb
Iron	57-2	49.27	46.91	49.08	48.42	2.70	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:56:29	DataFile Name :	056LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.96	1.05	1.04	1.01	4.75	ppb
Lead	207-1	0.96	0.93	0.96	0.95	1.77	ppb
Lead	208-1	0.98	1.00	1.00	1.00	0.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	484.40	503.63	491.00	493.01	1.98	ppb
Manganese	55-2	1.08	1.09	1.16	1.11	4.21	ppb
Molybdenum	94-1	5.18	5.06	5.16	5.13	1.20	ppb
Molybdenum	95-1	4.99	4.88	4.95	4.94	1.18	ppb
Molybdenum	96-1	5.15	4.97	4.99	5.04	1.92	ppb
Molybdenum	97-1	5.07	5.18	4.99	5.08	1.93	ppb
Molybdenum	98-1	5.01	5.08	4.94	5.01	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.13	1.12	1.12	0.77	ppb
Phosphorus	31-2	-17.56	-9.55	-22.57	-16.56		ppb
Potassium	39-2	466.24	482.48	469.93	472.88	1.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	5.07	4.31	4.58	4.66	8.22	ppb
Selenium	77-2	6.58	9.22	5.78	7.19	25.04	ppb
Selenium	78-2	5.16	5.07	6.38	5.54	13.21	ppb
Silicon	28-1	11.84	12.62	13.10	12.52	5.06	ppb
Silver	107-1	0.98	1.03	0.99	1.00	2.53	ppb
Silver	109-1	0.98	0.99	1.01	0.99	1.86	ppb
Sodium	23-2	489.39	504.30	489.14	494.28	1.76	ppb
Strontium	86-1	1.06	1.10	1.04	1.07	3.04	ppb
Strontium	88-1	1.12	1.07	1.13	1.11	2.73	ppb
Sulfur	34-1	-864.58	-894.23	-506.87	-755.22		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.99	0.94	1.02	0.98	3.95	ppb
Thallium	205-1	0.98	0.97	1.01	0.99	2.05	ppb
Tin	118-1	4.85	5.05	5.06	4.99	2.41	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:56:29	DataFile Name :	056LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.87	5.03	5.14	5.01	2.72	ppb
Uranium	238-1	0.88	0.91	0.90	0.89	1.27	ppb
Vanadium	51-2	4.90	4.99	4.87	4.92	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				109		%
Zinc	66-2	2.24	2.23	2.29	2.25	1.45	ppb
Zirconium	90-1	0.94	0.92	0.97	0.95	2.94	ppb
Zirconium	91-1	0.88	0.92	0.92	0.91	2.54	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:59:33	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48877.26	50582.57	52258.32	50572.71	3.34	ppb
Antimony	121-1	478.03	458.12	460.74	465.63	2.32	ppb
Arsenic	75-2	479.79	474.84	510.74	488.46	3.98	ppb
Barium	135-1	2482.20	2345.43	2358.83	2395.49	3.15	ppb
Barium	137-1	2431.65	2322.35	2357.32	2370.44	2.35	ppb
Beryllium	9-1	473.31	479.01	466.11	472.81	1.37	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Boron	10-1	444.99	458.25	463.28	455.51	2.08	ppb
Boron	11-1	475.73	482.36	457.97	472.02	2.67	ppb
Bromine	81-1						cps
Cadmium	111-1	493.62	492.27	494.92	493.60	0.27	ppb
Cadmium	106-1	488.62	496.11	490.53	491.75	0.79	ppb
Cadmium	108-1	486.01	492.08	484.22	487.44	0.85	ppb
Calcium	43-1	239915.02	235825.94	231544.47	235761.81	1.78	ppb
Calcium	44-1	242806.17	233021.49	228158.96	234662.21	3.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451.57	454.96	479.19	461.91	3.26	ppb
Cobalt	59-2	466.55	479.73	490.37	478.88	2.49	ppb
Copper	63-2	4791.28	4797.95	5038.79	4876.00	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				108		%
Indium	115-1				95		%
Indium	115-2				102		%
Iron	54-2	118117.25	120589.64	125049.41	121252.10	2.90	ppb
Iron	56-2	119322.98	122278.89	124150.88	121917.58	2.00	ppb
Iron	57-2	118177.70	121182.86	125752.84	121704.47	3.13	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:59:33	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2543.73	2498.93	2348.11	2463.59	4.16	ppb
Lead	207-1	2480.87	2497.60	2351.09	2443.19	3.28	ppb
Lead	208-1	2509.72	2505.63	2371.90	2462.42	3.18	ppb
Lithium	6-1				99		%
Magnesium	24-2	240329.05	247574.39	255754.59	247886.01	3.11	ppb
Manganese	55-2	5012.87	5051.63	5270.64	5111.72	2.72	ppb
Molybdenum	94-1	2533.59	2405.62	2391.61	2443.61	3.20	ppb
Molybdenum	95-1	2529.76	2385.43	2357.42	2424.20	3.81	ppb
Molybdenum	96-1	2523.71	2394.61	2388.89	2435.74	3.13	ppb
Molybdenum	97-1	2499.46	2430.55	2407.66	2445.89	1.95	ppb
Molybdenum	98-1	2485.42	2409.44	2351.39	2415.42	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.21	455.85	474.77	462.28	2.34	ppb
Phosphorus	31-2	9433.16	9456.21	10262.14	9717.17	4.86	ppb
Potassium	39-2	116984.33	118672.76	123896.04	119851.05	3.01	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	505.09	484.46	469.14	486.23	3.71	ppb
Selenium	77-2	500.17	426.46	511.76	479.46	9.65	ppb
Selenium	78-2	478.56	472.57	499.96	483.69	2.98	ppb
Silicon	28-1	631.11	657.40	674.31	654.27	3.33	ppb
Silver	107-1	471.73	475.39	466.82	471.31	0.91	ppb
Silver	109-1	458.72	462.10	460.65	460.49	0.37	ppb
Sodium	23-2	236754.74	239629.24	248415.53	241599.84	2.51	ppb
Strontium	86-1	4989.10	4946.60	4625.02	4853.57	4.10	ppb
Strontium	88-1	5068.26	4896.55	4653.77	4872.86	4.27	ppb
Sulfur	34-1	10083.04	9183.06	8535.87	9267.32	8.38	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	514.15	505.84	500.72	506.90	1.34	ppb
Thallium	205-1	505.07	507.77	493.40	502.08	1.52	ppb
Tin	118-1	480.32	472.89	469.91	474.37	1.13	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:59:33	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2480.59	2438.09	2442.54	2453.74	0.95	ppb
Uranium	238-1	510.04	508.15	483.09	500.43	3.01	ppb
Vanadium	51-2	465.73	473.11	496.08	478.31	3.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	4773.57	4735.11	5108.58	4872.42	4.22	ppb
Zirconium	90-1	503.29	495.35	479.57	492.74	2.45	ppb
Zirconium	91-1	498.58	488.81	476.59	487.99	2.26	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:06:35	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.25	-1.21	-1.41	-1.29		ppb
Antimony	121-1	0.05	0.07	0.05	0.06	18.14	ppb
Arsenic	75-2	0.01	0.02	-0.01	0.01	227.34	ppb
Barium	135-1	0.05	0.03	0.04	0.04	34.20	ppb
Barium	137-1	0.03	0.04	0.03	0.04	19.45	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	19.14	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	10-1	11.17	10.34	10.32	10.61	4.56	ppb
Boron	11-1	11.48	11.08	11.27	11.28	1.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.06	-0.04	-0.05		ppb
Cadmium	106-1	-5.13	-5.72	-3.68	-4.84		ppb
Cadmium	108-1	-0.07	-0.02	-0.06	-0.05		ppb
Calcium	43-1	-2.84	-2.67	-2.57	-2.69		ppb
Calcium	44-1	-7.77	-7.27	-7.80	-7.61		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.06	0.01	428.57	ppb
Cobalt	59-2	0.02	0.01	0.02	0.01	30.24	ppb
Copper	63-2	0.05	0.06	0.07	0.06	19.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				109		%
Iron	54-2	-2.94	-3.29	-2.76	-3.00		ppb
Iron	56-2	-3.18	-3.04	-2.83	-3.01		ppb
Iron	57-2	-3.18	-4.36	-3.59	-3.71		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:06:35	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.11	0.08	0.09	14.28	ppb
Lead	207-1	0.09	0.07	0.09	0.08	14.19	ppb
Lead	208-1	0.08	0.09	0.09	0.09	2.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	-5.73	-5.79	-5.65	-5.73		ppb
Manganese	55-2	0.12	0.12	0.07	0.11	26.00	ppb
Molybdenum	94-1	-0.01	-0.01	0.04	0.01	463.03	ppb
Molybdenum	95-1	0.07	0.07	0.04	0.06	27.64	ppb
Molybdenum	96-1	0.08	0.08	0.09	0.08	6.08	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	8.95	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.01	0.01	148.85	ppb
Phosphorus	31-2	-0.82	-3.55	-19.99	-8.12		ppb
Potassium	39-2	-1.97	-10.98	-0.46	-4.47		ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	-0.70	-0.61	0.01	-0.43		ppb
Selenium	77-2	0.00	0.00	0.84	0.28	173.21	ppb
Selenium	78-2	-0.25	-0.05	0.02	-0.09		ppb
Silicon	28-1	-1.54	-1.04	-0.05	-0.88		ppb
Silver	107-1	0.03	0.03	0.02	0.02	25.19	ppb
Silver	109-1	0.03	0.02	0.02	0.02	16.46	ppb
Sodium	23-2	-0.64	0.80	2.08	0.75	181.51	ppb
Strontium	86-1	-0.01	-0.06	-0.10	-0.06		ppb
Strontium	88-1	0.04	0.04	0.03	0.04	7.99	ppb
Sulfur	34-1	-1684.49	-1590.20	-1653.09	-1642.59		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.06	0.03	0.04	32.47	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	11.61	ppb
Tin	118-1	-0.02	-0.01	0.01	-0.01		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:06:35	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.05	0.00	0.01	260.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	113.20	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	35.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	0.07	0.16	0.10	0.11	43.15	ppb
Zirconium	90-1	0.02	-0.02	0.00	0.00	849.74	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	94.68	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3713-01A	Instrumnet Name :	P8
Client Sample ID :	JCF03A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:14:21	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24925.11	25416.42	24546.79	24962.77	1.75	ppb
Antimony	121-1	5.21	5.00	5.17	5.13	2.15	ppb
Arsenic	75-2	71.24	74.50	72.99	72.91	2.24	ppb
Barium	135-1	173.97	164.22	166.79	168.33	3.00	ppb
Barium	137-1	176.91	164.98	171.81	171.23	3.50	ppb
Beryllium	9-1	0.84	0.84	0.80	0.83	2.72	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	11.51	11.95	12.57	12.01	4.43	ppb
Boron	11-1	12.14	13.33	13.27	12.91	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.06	0.06	0.05	27.74	ppb
Cadmium	106-1	-5.12	-5.98	-6.69	-5.93		ppb
Cadmium	108-1	0.77	0.35	0.25	0.46	60.49	ppb
Calcium	43-1	8204.95	8151.18	8001.36	8119.16	1.30	ppb
Calcium	44-1	8306.37	8186.97	8159.27	8217.54	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.77	34.84	33.64	34.08	1.94	ppb
Cobalt	59-2	25.30	25.80	25.25	25.45	1.20	ppb
Copper	63-2	80.34	83.20	80.64	81.39	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	54-2	51155.59	52578.61	51260.47	51664.89	1.53	ppb
Iron	56-2	51685.07	52957.43	51214.60	51952.36	1.74	ppb
Iron	57-2	52875.82	54201.49	53147.00	53408.10	1.31	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3713-01A	Instrumnet Name :	P8
Client Sample ID :	JCF03A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:14:21	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.11	3.46	3.53	3.70	9.69	ppb
Lead	207-1	3.93	3.34	3.37	3.55	9.36	ppb
Lead	208-1	3.99	3.40	3.44	3.61	9.04	ppb
Lithium	6-1				107		%
Magnesium	24-2	5256.75	5325.27	5124.30	5235.44	1.95	ppb
Manganese	55-2	1723.57	1789.99	1739.12	1750.90	1.98	ppb
Molybdenum	94-1	3.93	3.78	3.94	3.88	2.27	ppb
Molybdenum	95-1	0.35	0.30	0.29	0.31	9.20	ppb
Molybdenum	96-1	0.90	0.88	0.85	0.88	2.78	ppb
Molybdenum	97-1	0.30	0.24	0.31	0.29	12.79	ppb
Molybdenum	98-1	0.31	0.32	0.33	0.32	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.29	23.31	23.37	23.32	0.17	ppb
Phosphorus	31-2	614.54	674.66	723.47	670.89	8.13	ppb
Potassium	39-2	313.36	327.89	321.73	320.99	2.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	-0.31	0.33	0.29	0.10	354.65	ppb
Selenium	77-2	11.11	11.44	16.99	13.18	25.09	ppb
Selenium	78-2	1.79	2.85	2.22	2.28	23.31	ppb
Silicon	28-1	1972.51	1932.35	1837.60	1914.15	3.62	ppb
Silver	107-1	2.34	2.26	2.27	2.29	1.78	ppb
Silver	109-1	2.31	2.18	2.26	2.25	2.96	ppb
Sodium	23-2	255.17	261.20	255.19	257.19	1.35	ppb
Strontium	86-1	88.91	86.01	86.80	87.24	1.72	ppb
Strontium	88-1	92.29	88.54	88.63	89.82	2.38	ppb
Sulfur	34-1	-2145.85	-2388.10	-2237.66	-2257.21		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.25	0.29	0.33	0.29	14.24	ppb
Thallium	205-1	0.28	0.27	0.36	0.30	16.39	ppb
Tin	118-1	1.31	1.30	1.34	1.31	1.48	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3713-01A	Instrumnet Name :	P8
Client Sample ID :	JCF03A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:14:21	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	221.15	217.18	212.95	217.09	1.89	ppb
Uranium	238-1	0.23	0.20	0.20	0.21	7.50	ppb
Vanadium	51-2	106.34	108.01	106.37	106.90	0.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	116.59	118.38	118.61	117.86	0.94	ppb
Zirconium	90-1	2.42	2.33	2.50	2.41	3.56	ppb
Zirconium	91-1	2.43	2.29	2.38	2.36	2.97	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:18:01	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50830.52	51842.52	51512.22	51395.09	1.00	ppb
Antimony	121-1	457.40	470.24	479.25	468.96	2.34	ppb
Arsenic	75-2	488.13	514.54	506.37	503.01	2.69	ppb
Barium	135-1	2325.51	2386.57	2460.97	2391.02	2.84	ppb
Barium	137-1	2266.99	2356.75	2432.68	2352.14	3.53	ppb
Beryllium	9-1	470.88	481.53	475.71	476.04	1.12	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	423.76	465.51	475.47	454.91	6.03	ppb
Boron	11-1	444.36	493.67	467.35	468.46	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	476.44	490.57	510.50	492.50	3.47	ppb
Cadmium	106-1	464.92	484.16	503.54	484.20	3.99	ppb
Cadmium	108-1	466.86	488.02	497.15	484.01	3.21	ppb
Calcium	43-1	230039.48	231594.32	246578.35	236070.72	3.87	ppb
Calcium	44-1	224266.81	233296.85	246551.99	234705.22	4.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.18	481.01	478.51	476.90	1.07	ppb
Cobalt	59-2	497.70	498.96	498.59	498.42	0.13	ppb
Copper	63-2	4935.12	5121.22	5077.47	5044.60	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	125742.07	128135.54	128535.44	127471.02	1.19	ppb
Iron	56-2	126620.27	127102.36	126942.92	126888.52	0.19	ppb
Iron	57-2	124295.94	127188.87	128919.91	126801.57	1.84	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:18:01	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2349.07	2420.99	2499.12	2423.06	3.10	ppb
Lead	207-1	2372.67	2384.45	2581.34	2446.16	4.79	ppb
Lead	208-1	2368.14	2426.29	2530.99	2441.81	3.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	250759.20	254506.08	258112.85	254459.37	1.45	ppb
Manganese	55-2	5223.44	5365.99	5362.88	5317.43	1.53	ppb
Molybdenum	94-1	2416.39	2453.93	2516.51	2462.28	2.05	ppb
Molybdenum	95-1	2428.86	2432.79	2547.61	2469.75	2.73	ppb
Molybdenum	96-1	2407.90	2445.67	2543.72	2465.76	2.84	ppb
Molybdenum	97-1	2388.27	2442.17	2503.34	2444.59	2.36	ppb
Molybdenum	98-1	2382.82	2420.58	2511.31	2438.24	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.10	483.71	482.15	478.32	1.68	ppb
Phosphorus	31-2	9789.85	10224.72	9936.35	9983.64	2.22	ppb
Potassium	39-2	120661.71	122309.41	123136.73	122035.95	1.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	478.66	492.65	510.94	494.08	3.28	ppb
Selenium	77-2	529.39	501.31	510.92	513.88	2.78	ppb
Selenium	78-2	491.81	506.44	496.86	498.37	1.49	ppb
Silicon	28-1	583.62	629.21	678.91	630.58	7.56	ppb
Silver	107-1	443.42	466.40	476.54	462.12	3.67	ppb
Silver	109-1	440.69	461.57	469.63	457.29	3.27	ppb
Sodium	23-2	248059.35	245434.01	248869.93	247454.43	0.73	ppb
Strontium	86-1	4698.87	4847.08	5014.68	4853.55	3.26	ppb
Strontium	88-1	4702.25	4858.45	4968.22	4842.97	2.76	ppb
Sulfur	34-1	8305.10	8915.68	9362.40	8861.06	5.99	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	473.55	488.70	517.99	493.41	4.58	ppb
Thallium	205-1	475.05	492.28	515.76	494.36	4.13	ppb
Tin	118-1	461.74	473.34	490.66	475.25	3.06	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:18:01	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2302.84	2448.93	2508.58	2420.12	4.37	ppb
Uranium	238-1	472.18	495.29	506.34	491.27	3.55	ppb
Vanadium	51-2	491.55	498.88	497.32	495.92	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	4923.16	5038.67	5012.75	4991.53	1.21	ppb
Zirconium	90-1	478.52	487.09	502.60	489.40	2.49	ppb
Zirconium	91-1	484.20	485.68	523.73	497.87	4.50	ppb

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 17:27:09 DataFile Name : 061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.25	-1.50	-1.07	-1.27		ppb
Antimony	121-1	0.06	0.05	0.07	0.06	19.81	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.01	206.92	ppb
Barium	135-1	0.07	0.04	0.04	0.05	38.10	ppb
Barium	137-1	0.03	0.05	0.03	0.04	30.33	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	14.07	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	8.97	8.13	7.67	8.26	8.00	ppb
Boron	11-1	9.33	7.97	7.81	8.37	9.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.04	-0.05	-0.05		ppb
Cadmium	106-1	-5.86	-5.20	-5.42	-5.49		ppb
Cadmium	108-1	-0.10	-0.09	-0.09	-0.09		ppb
Calcium	43-1	0.11	-2.14	-2.97	-1.67		ppb
Calcium	44-1	-7.08	-9.63	-8.90	-8.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.00	0.02	80.13	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.67	ppb
Copper	63-2	0.07	0.06	0.07	0.07	5.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	54-2	-3.36	-3.64	-3.48	-3.50		ppb
Iron	56-2	-3.05	-3.12	-3.13	-3.10		ppb
Iron	57-2	-2.76	-3.46	-3.98	-3.40		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:27:09	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.09	0.09	7.20	ppb
Lead	207-1	0.14	0.07	0.09	0.10	38.91	ppb
Lead	208-1	0.10	0.07	0.08	0.09	19.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	-6.13	-6.03	-6.35	-6.17		ppb
Manganese	55-2	0.11	0.16	0.15	0.14	19.98	ppb
Molybdenum	94-1	0.04	0.02	0.01	0.02	78.11	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.04	32.79	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	28.96	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	6.78	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	22.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.00	0.01	72.52	ppb
Phosphorus	31-2	-11.29	-7.10	-5.26	-7.88		ppb
Potassium	39-2	-2.44	-8.10	-5.61	-5.38		ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	-0.14	0.34	-0.51	-0.10		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.30	-0.39	0.46	-0.08		ppb
Silicon	28-1	2.41	-2.01	-2.06	-0.56		ppb
Silver	107-1	0.03	0.02	0.01	0.02	49.78	ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.99	ppb
Sodium	23-2	2.83	-0.63	-1.15	0.35	617.23	ppb
Strontium	86-1	0.03	-0.02	-0.05	-0.01		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	23.07	ppb
Sulfur	34-1	-1114.09	-1911.77	-1742.72	-1589.53		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.10	0.08	0.09	12.19	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	9.80	ppb
Tin	118-1	0.01	-0.01	-0.04	-0.01		ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:27:09	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.02	0.01	0.04	107.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	49.08	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	116.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	0.20	-0.01	-0.10	0.03	518.80	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.02	0.04	0.02	58.03	ppb

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:15:21	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162	189	174	175	7.53	cps
Antimony	121-1	108	17	67	64	71.84	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	67	58	58	61	7.88	cps
Barium	137-1	92	108	100	100	8.33	cps
Beryllium	9-1	30	30	32	31	3.77	cps
Bismuth	209-1	14161731	15069286	15728779	14986599	5.25	cps
Bismuth	209-2	5943200	5938036	6032217	5971151	0.89	cps
Boron	10-1	422	452	536	470	12.57	cps
Boron	11-1	2202	2216	2152	2190	1.54	cps
Bromine	81-1	7049	7059	7870	7326	6.43	cps
Cadmium	111-1	807	998	917	907	10.54	cps
Cadmium	106-1	8169	10204	9420	9265	11.08	cps
Cadmium	108-1	38	50	54	47	18.37	cps
Calcium	43-1	382	358	440	393	10.62	cps
Calcium	44-1	19921	19755	20974	20217	3.27	cps
Carbon	12-1	4763840	4717133	4713294	4731423	0.59	cps
Carbon	12-2	49894	48990	48548	49144	1.40	cps
Chlorine	35-1	312036	311431	313551	312340	0.35	cps
Chlorine	35-2	1842	1642	1925	1803	8.08	cps
Chromium	52-2	630	743	613	662	10.68	cps
Cobalt	59-2	47	50	47	48	4.02	cps
Copper	63-2	670	587	750	669	12.21	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	183	117	167	156	22.30	cps
Erbium	164-2	23	60	47	43	42.83	cps
Gadolinium	160-1	217	142	225	194	23.60	cps
Gadolinium	160-2	113	63	60	79	37.88	cps
Holmium	165-1	21548010	23409843	24739044	23232299	6.90	cps
Holmium	165-2	7963831	7975579	8235364	8058258	1.90	cps
Indium	115-1	17795213	19892809	19921779	19203267	6.35	cps
Indium	115-2	2086599	2065222	2155944	2102589	2.26	cps
Iron	54-2	511	622	717	617	16.69	cps
Iron	56-2	6240	7630	8920	7597	17.64	cps
Iron	57-2	239	211	239	230	6.98	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:15:21	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	517	617	510	548	10.91	cps
Lead	206-1	528	639	733	633	16.25	cps
Lead	207-1	633	544	567	582	7.96	cps
Lead	208-1	2522	2661	2772	2652	4.72	cps
Lithium	6-1	11081950	11775232	12101283	11652822	4.47	cps
Magnesium	24-2	1283	1433	1783	1500	17.11	cps
Manganese	55-2	17	67	43	42	59.25	cps
Molybdenum	94-1	667	475	658	600	18.06	cps
Molybdenum	95-1	33	25	25	28	17.31	cps
Molybdenum	96-1	117	75	142	111	30.31	cps
Molybdenum	97-1	25	25	8	19	49.50	cps
Molybdenum	98-1	83	67	33	61	41.67	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	23	30	23	26	15.07	cps
Phosphorus	31-2	133	100	125	119	14.53	cps
Potassium	39-2	10362	10221	9979	10187	1.90	cps
Rhodium	103-1	16453326	18158652	18493916	17701965	6.18	cps
Rhodium	103-2	6682763	6703994	7037948	6808235	2.93	cps
Scandium	45-1	12902924	13742087	14401887	13682299	5.49	cps
Scandium	45-2	349064	345033	359297	351132	2.09	cps
Selenium	82-1	31	-37	69	21	251.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	18	19	21	19	7.90	cps
Silicon	28-1	270449	270489	269989	270309	0.10	cps
Silver	107-1	133	200	217	183	24.05	cps
Silver	109-1	67	25	25	39	61.86	cps
Sodium	23-2	17619	17085	17978	17561	2.56	cps
Strontium	86-1	1108	1192	1083	1128	5.03	cps
Strontium	88-1	517	567	575	553	5.71	cps
Sulfur	34-1	513750	518118	513825	515231	0.49	cps
Terbium	159-1	21465232	23948835	25038543	23484204	7.80	cps
Terbium	159-2	7775056	7750311	8122143	7882503	2.64	cps
Thallium	203-1	308	292	258	286	8.90	cps
Thallium	205-1	675	592	575	614	8.73	cps
Tin	118-1	1192	1258	850	1100	19.92	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:15:21	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	133	100	128	19.92	cps
Uranium	238-1	17	17	42	25	57.73	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Ytterbium	172-1	67	8	108	61	82.20	cps
Ytterbium	172-2	6	28	33	22	66.13	cps
Ytterbium	176-1	2617	2975	3084	2892	8.45	cps
Ytterbium	176-2	4245	4334	4290	4290	1.04	cps
Yttrium	89-1	28250709	30818533	32267107	30445450	6.68	cps
Yttrium	89-2	2478993	2438043	2519094	2478710	1.63	cps
Zinc	66-2	220	173	186	193	12.45	cps
Zirconium	90-1	1375	1759	1842	1658	15.01	cps
Zirconium	91-1	208	367	333	303	27.57	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:21:30 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425	1531	1440	1465	3.92	cps
Antimony	121-1	17211	17545	16268	17008	3.89	cps
Arsenic	75-2	217	216	224	219	1.99	cps
Barium	135-1	21050	21618	21117	21262	1.46	cps
Barium	137-1	39032	37494	36684	37737	3.16	cps
Beryllium	9-1	3472	3402	3594	3489	2.79	cps
Bismuth	209-1	14820229	15171934	15104876	15032346	1.24	cps
Bismuth	209-2	5948207	5161782	5906912	5672300	7.80	cps
Boron	10-1	9341	9567	10320	9743	5.26	cps
Boron	11-1	42655	45872	46710	45079	4.75	cps
Bromine	81-1	6669	7450	7189	7103	5.60	cps
Cadmium	111-1	3239	3384	3252	3291	2.44	cps
Cadmium	106-1	9520	10212	10121	9951	3.78	cps
Cadmium	108-1	204	263	229	232	12.62	cps
Calcium	43-1	16838	16493	16740	16690	1.06	cps
Calcium	44-1	281042	281843	282806	281897	0.31	cps
Carbon	12-1	5579839	5609431	5573624	5587631	0.34	cps
Carbon	12-2	58626	58617	59287	58843	0.65	cps
Chlorine	35-1	317731	311874	312105	313903	1.06	cps
Chlorine	35-2	1800	1600	1800	1733	6.66	cps
Chromium	52-2	5878	5624	5404	5636	4.20	cps
Cobalt	59-2	4397	4424	4751	4524	4.35	cps
Copper	63-2	6992	6815	6748	6852	1.84	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	133	142	183	153	17.53	cps
Erbium	164-2	30	30	23	28	13.86	cps
Gadolinium	160-1	242	242	233	239	2.01	cps
Gadolinium	160-2	43	67	73	61	25.78	cps
Holmium	165-1	23032368	23605300	23098063	23245244	1.35	cps
Holmium	165-2	8036665	7106785	8132126	7758525	7.30	cps
Indium	115-1	18807925	19176477	19135484	19039962	1.06	cps
Indium	115-2	2096593	1818043	2094622	2003086	8.00	cps
Iron	54-2	5824	5573	6118	5838	4.67	cps
Iron	56-2	96312	95429	98494	96745	1.63	cps
Iron	57-2	2378	2606	2500	2495	4.57	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:21:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	567	463	546	13.56	cps
Lead	206-1	7808	8231	8080	8040	2.66	cps
Lead	207-1	6980	7480	7030	7163	3.85	cps
Lead	208-1	32027	32995	32066	32363	1.69	cps
Lithium	6-1	11663601	11804850	11702495	11723649	0.62	cps
Magnesium	24-2	103626	101142	100412	101727	1.66	cps
Manganese	55-2	1233	1153	1150	1179	4.00	cps
Molybdenum	94-1	19806	18980	19673	19486	2.28	cps
Molybdenum	95-1	22702	23771	23470	23315	2.36	cps
Molybdenum	96-1	26309	26451	25566	26108	1.82	cps
Molybdenum	97-1	14007	14508	14133	14216	1.83	cps
Molybdenum	98-1	38889	37184	37150	37741	2.63	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1343	1337	1217	1299	5.49	cps
Phosphorus	31-2	108	125	92	108	15.38	cps
Potassium	39-2	69770	69468	69358	69532	0.31	cps
Rhodium	103-1	17739642	18149222	17943302	17944056	1.14	cps
Rhodium	103-2	6834390	6069693	6940440	6614841	7.18	cps
Scandium	45-1	13506809	14073601	13997421	13859277	2.22	cps
Scandium	45-2	350801	306670	347254	334908	7.32	cps
Selenium	82-1	895	927	1003	942	5.85	cps
Selenium	77-2	27	23	20	23	14.29	cps
Selenium	78-2	93	88	88	90	3.22	cps
Silicon	28-1	380143	380389	381664	380732	0.21	cps
Silver	107-1	10696	11330	11580	11202	4.07	cps
Silver	109-1	10479	10162	11830	10824	8.18	cps
Sodium	23-2	212609	213870	212972	213151	0.30	cps
Strontium	86-1	4251	5009	4301	4520	9.39	cps
Strontium	88-1	29340	28113	28947	28800	2.18	cps
Sulfur	34-1	507290	512738	514625	511551	0.74	cps
Terbium	159-1	23771210	24568078	23930849	24090046	1.75	cps
Terbium	159-2	7844711	6945421	7623775	7471302	6.27	cps
Thallium	203-1	9529	9454	9270	9418	1.41	cps
Thallium	205-1	21752	22036	21301	21696	1.71	cps
Tin	118-1	38722	39541	38522	38928	1.39	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:21:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7727	7652	7952	7777	2.01	cps
Uranium	238-1	27213	27673	27915	27600	1.29	cps
Vanadium	51-2	9440	9156	9100	9232	1.97	cps
Ytterbium	172-1	42	50	83	58	37.80	cps
Ytterbium	172-2	22	39	17	26	44.60	cps
Ytterbium	176-1	2850	2850	2884	2862	0.67	cps
Ytterbium	176-2	2750	2700	2200	2550	11.93	cps
Yttrium	89-1	30963629	31198345	31393816	31185263	0.69	cps
Yttrium	89-2	2470737	2155271	2475164	2367057	7.75	cps
Zinc	66-2	1040	957	1049	1015	5.01	cps
Zirconium	90-1	17278	16285	17269	16944	3.37	cps
Zirconium	91-1	3709	3842	3859	3803	2.16	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:24:34 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64649	63447	64070	64055	0.94	cps
Antimony	121-1	431052	429160	430787	430333	0.24	cps
Arsenic	75-2	10346	10198	10244	10262	0.74	cps
Barium	135-1	534763	527801	538948	533837	1.05	cps
Barium	137-1	930916	932507	930877	931433	0.10	cps
Beryllium	9-1	171357	173582	173860	172933	0.79	cps
Bismuth	209-1	14685274	15356709	15135698	15059227	2.27	cps
Bismuth	209-2	5870091	6053958	5962537	5962195	1.54	cps
Boron	10-1	19133	20296	20903	20110	4.47	cps
Boron	11-1	88285	93728	96903	92972	4.69	cps
Bromine	81-1	6879	7259	6618	6919	4.66	cps
Cadmium	111-1	115033	115281	116934	115749	0.89	cps
Cadmium	106-1	22561	23237	22819	22872	1.49	cps
Cadmium	108-1	9174	9228	9466	9289	1.67	cps
Calcium	43-1	164372	162624	161686	162894	0.84	cps
Calcium	44-1	2647994	2648972	2602298	2633088	1.01	cps
Carbon	12-1	5960214	5960027	6089622	6003287	1.25	cps
Carbon	12-2	63638	64618	65782	64679	1.66	cps
Chlorine	35-1	312537	315466	310730	312911	0.76	cps
Chlorine	35-2	2000	1767	1875	1881	6.21	cps
Chromium	52-2	120136	117306	117380	118274	1.36	cps
Cobalt	59-2	215313	212848	212030	213397	0.80	cps
Copper	63-2	1716147	1658620	1665818	1680195	1.87	cps
Dysprosium	156-1	67	58	33	53	32.88	cps
Dysprosium	156-2	17	7	30	18	65.83	cps
Erbium	164-1	142	117	108	122	14.19	cps
Erbium	164-2	43	47	47	46	4.23	cps
Gadolinium	160-1	158	200	217	192	15.68	cps
Gadolinium	160-2	67	63	80	70	12.60	cps
Holmium	165-1	22755570	24448391	23522277	23575413	3.60	cps
Holmium	165-2	8238301	8362430	8125162	8241964	1.44	cps
Indium	115-1	18558367	19417895	19199060	19058441	2.34	cps
Indium	115-2	2126307	2127566	2089005	2114293	1.04	cps
Iron	54-2	258424	256729	257071	257408	0.35	cps
Iron	56-2	4631629	4522936	4524223	4559596	1.37	cps
Iron	57-2	116113	114697	116013	115608	0.68	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:24:34 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	540	533	523	532	1.58	cps
Lead	206-1	1894141	1817948	1857136	1856408	2.05	cps
Lead	207-1	1556700	1527839	1545816	1543452	0.94	cps
Lead	208-1	7397844	7253009	7364926	7338593	1.03	cps
Lithium	6-1	11563417	12081305	11764371	11803031	2.21	cps
Magnesium	24-2	1019088	992296	1009384	1006923	1.35	cps
Manganese	55-2	543894	537090	537592	539525	0.70	cps
Molybdenum	94-1	931034	938051	944853	937979	0.74	cps
Molybdenum	95-1	1159090	1152417	1146706	1152738	0.54	cps
Molybdenum	96-1	1269529	1261430	1260050	1263670	0.41	cps
Molybdenum	97-1	701889	708388	691165	700480	1.24	cps
Molybdenum	98-1	1800145	1856467	1847340	1834651	1.65	cps
Neodymium	150-1	27	47	67	47	42.85	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	59112	57054	58024	58063	1.77	cps
Phosphorus	31-2	3517	3050	3284	3284	7.11	cps
Potassium	39-2	312081	309163	305413	308886	1.08	cps
Rhodium	103-1	17398748	18725046	18228896	18117563	3.70	cps
Rhodium	103-2	6782162	6888894	6800680	6823912	0.84	cps
Scandium	45-1	13439246	14285749	13963667	13896221	3.07	cps
Scandium	45-2	344361	354278	348296	348978	1.43	cps
Selenium	82-1	9075	9123	9173	9124	0.54	cps
Selenium	77-2	187	173	230	197	15.06	cps
Selenium	78-2	731	702	731	721	2.32	cps
Silicon	28-1	758793	778023	788984	775266	1.97	cps
Silver	107-1	586793	587043	605453	593096	1.80	cps
Silver	109-1	566246	564982	569362	566863	0.40	cps
Sodium	23-2	1939891	1959719	1948082	1949231	0.51	cps
Strontium	86-1	1515879	1556638	1527200	1533239	1.37	cps
Strontium	88-1	12699265	12918160	12824695	12814040	0.86	cps
Sulfur	34-1	583197	575064	566193	574818	1.48	cps
Terbium	159-1	23699895	24363870	24150542	24071436	1.41	cps
Terbium	159-2	7900314	7913708	7842594	7885539	0.48	cps
Thallium	203-1	435614	437003	448148	440255	1.56	cps
Thallium	205-1	1072476	1065569	1078961	1072336	0.62	cps
Tin	118-1	382325	373063	384877	380088	1.64	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:24:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	364366	369175	373771	369104	1.27	cps
Uranium	238-1	1397358	1365963	1391080	1384800	1.20	cps
Vanadium	51-2	91393	90380	90876	90883	0.56	cps
Ytterbium	172-1	133	42	100	92	50.62	cps
Ytterbium	172-2	11	44	33	30	57.29	cps
Ytterbium	176-1	4843	4659	4976	4826	3.30	cps
Ytterbium	176-2	2745	3034	2956	2911	5.14	cps
Yttrium	89-1	30264712	31938955	30794323	30999330	2.76	cps
Yttrium	89-2	2455672	2564123	2513035	2510943	2.16	cps
Zinc	66-2	189894	186773	186611	187760	0.99	cps
Zirconium	90-1	804334	801518	800362	802071	0.25	cps
Zirconium	91-1	174900	175648	176173	175574	0.36	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:27:39 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160255	158396	158299	158984	0.69	cps
Antimony	121-1	1084785	1076027	1087224	1082679	0.54	cps
Arsenic	75-2	25410	25293	24938	25214	0.97	cps
Barium	135-1	1349929	1334693	1351565	1345395	0.69	cps
Barium	137-1	2334144	2289304	2336712	2320054	1.15	cps
Beryllium	9-1	423884	425638	424854	424792	0.21	cps
Bismuth	209-1	14797909	14667253	14980436	14815199	1.06	cps
Bismuth	209-2	5883928	6070319	6098112	6017453	1.94	cps
Boron	10-1	46753	49860	51078	49230	4.53	cps
Boron	11-1	218864	228927	231514	226435	2.95	cps
Bromine	81-1	7189	6428	6879	6832	5.60	cps
Cadmium	111-1	280689	289614	285372	285225	1.57	cps
Cadmium	106-1	42265	42742	41923	42310	0.97	cps
Cadmium	108-1	22982	22773	23241	22998	1.02	cps
Calcium	43-1	399514	401352	400271	400379	0.23	cps
Calcium	44-1	6435285	6390813	6385115	6403738	0.43	cps
Carbon	12-1	5997363	6055482	6249827	6100891	2.17	cps
Carbon	12-2	64701	68200	68577	67159	3.18	cps
Chlorine	35-1	304331	302147	302794	303091	0.37	cps
Chlorine	35-2	1625	1759	1792	1725	5.11	cps
Chromium	52-2	290486	290335	288781	289867	0.33	cps
Cobalt	59-2	538733	530240	532121	533698	0.84	cps
Copper	63-2	4118427	4072295	4016242	4068988	1.26	cps
Dysprosium	156-1	50	67	75	64	19.92	cps
Dysprosium	156-2	40	20	37	32	33.25	cps
Erbium	164-1	192	133	142	156	20.28	cps
Erbium	164-2	50	70	50	57	20.38	cps
Gadolinium	160-1	225	192	217	211	8.22	cps
Gadolinium	160-2	77	93	87	86	9.80	cps
Holmium	165-1	23293104	23247903	23191505	23244170	0.22	cps
Holmium	165-2	8045808	8514821	8706648	8422426	4.04	cps
Indium	115-1	18357185	18427968	18661975	18482376	0.86	cps
Indium	115-2	2121252	2103504	2175496	2133418	1.76	cps
Iron	54-2	639941	645514	638564	641340	0.57	cps
Iron	56-2	11328059	11292300	11368324	11329561	0.34	cps
Iron	57-2	287453	284568	283084	285035	0.78	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:27:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	540	647	617	601	9.15	cps
Lead	206-1	4574948	4587586	4674623	4612385	1.18	cps
Lead	207-1	3950847	4036984	4081821	4023217	1.65	cps
Lead	208-1	18235574	18226828	18486263	18316221	0.80	cps
Lithium	6-1	11476180	11377987	11389963	11414710	0.47	cps
Magnesium	24-2	2535845	2509814	2514357	2520005	0.55	cps
Manganese	55-2	1374301	1366540	1389434	1376758	0.85	cps
Molybdenum	94-1	2343146	2310218	2308259	2320541	0.84	cps
Molybdenum	95-1	2870604	2816601	2881897	2856367	1.22	cps
Molybdenum	96-1	3202870	3150009	3145894	3166258	1.00	cps
Molybdenum	97-1	1785063	1746300	1739269	1756877	1.40	cps
Molybdenum	98-1	4553465	4567955	4527149	4549523	0.45	cps
Neodymium	150-1	113	107	100	107	6.25	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	145014	145099	144173	144762	0.35	cps
Phosphorus	31-2	8353	8336	7969	8219	2.64	cps
Potassium	39-2	759887	755296	755425	756870	0.35	cps
Rhodium	103-1	17389710	17630683	17738718	17586370	1.02	cps
Rhodium	103-2	6711556	6951326	7132778	6931887	3.05	cps
Scandium	45-1	13493715	13650314	13600674	13581568	0.59	cps
Scandium	45-2	350352	356259	358582	355064	1.20	cps
Selenium	82-1	22494	22199	22315	22336	0.67	cps
Selenium	77-2	503	450	507	487	6.53	cps
Selenium	78-2	1684	1696	1674	1685	0.65	cps
Silicon	28-1	1121684	1124036	1177210	1140977	2.75	cps
Silver	107-1	1474331	1455764	1456312	1462136	0.72	cps
Silver	109-1	1429819	1440323	1418505	1429549	0.76	cps
Sodium	23-2	4721957	4718628	4752638	4731074	0.40	cps
Strontium	86-1	3665397	3706516	3657153	3676355	0.72	cps
Strontium	88-1	31544830	31255776	31270040	31356882	0.52	cps
Sulfur	34-1	634155	627327	623713	628398	0.84	cps
Terbium	159-1	23622615	23808835	23554001	23661817	0.56	cps
Terbium	159-2	7811170	8123129	8114351	8016217	2.22	cps
Thallium	203-1	1091465	1099489	1105016	1098657	0.62	cps
Thallium	205-1	2672028	2635549	2744449	2684008	2.07	cps
Tin	118-1	952319	935651	948722	945564	0.93	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:27:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	926486	911067	915761	917772	0.86	cps
Uranium	238-1	3559827	3589721	3569835	3573128	0.43	cps
Vanadium	51-2	229570	226516	227605	227897	0.68	cps
Ytterbium	172-1	67	25	42	44	47.19	cps
Ytterbium	172-2	17	33	11	20	56.76	cps
Ytterbium	176-1	7302	7286	7235	7274	0.48	cps
Ytterbium	176-2	3467	3667	3362	3499	4.44	cps
Yttrium	89-1	30030458	30038947	30218315	30095907	0.35	cps
Yttrium	89-2	2501765	2540235	2624982	2555661	2.47	cps
Zinc	66-2	464880	461784	457681	461448	0.78	cps
Zirconium	90-1	1982788	1967460	1955376	1968541	0.70	cps
Zirconium	91-1	439640	445155	433082	439292	1.38	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:30:42 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	316568	320187	315900	317551	0.73	cps
Antimony	121-1	2142243	2165570	2164320	2157377	0.61	cps
Arsenic	75-2	50027	50823	50428	50426	0.79	cps
Barium	135-1	2702386	2727827	2727174	2719129	0.53	cps
Barium	137-1	4679415	4598420	4683141	4653658	1.03	cps
Beryllium	9-1	835812	855939	846660	846137	1.19	cps
Bismuth	209-1	14478100	14536675	14144200	14386325	1.47	cps
Bismuth	209-2	6214606	5996263	5851700	6020856	3.03	cps
Boron	10-1	95360	102589	103587	100512	4.47	cps
Boron	11-1	434951	464177	471957	457028	4.27	cps
Bromine	81-1	7099	7359	6148	6869	9.29	cps
Cadmium	111-1	561454	573090	574346	569630	1.25	cps
Cadmium	106-1	73462	75843	73807	74371	1.73	cps
Cadmium	108-1	44789	45822	44794	45135	1.32	cps
Calcium	43-1	808336	811267	816194	811932	0.49	cps
Calcium	44-1	13072647	12984073	12844406	12967042	0.89	cps
Carbon	12-1	6289140	6446229	6620888	6452085	2.57	cps
Carbon	12-2	70988	73267	72764	72340	1.65	cps
Chlorine	35-1	304970	300896	305268	303712	0.80	cps
Chlorine	35-2	1783	1575	1558	1639	7.65	cps
Chromium	52-2	567999	580262	573582	573948	1.07	cps
Cobalt	59-2	1043133	1063670	1057096	1054633	0.99	cps
Copper	63-2	8050467	7999696	8182191	8077452	1.17	cps
Dysprosium	156-1	92	175	175	147	32.68	cps
Dysprosium	156-2	70	40	70	60	28.87	cps
Erbium	164-1	217	150	175	181	18.65	cps
Erbium	164-2	47	47	60	51	15.06	cps
Gadolinium	160-1	308	300	258	289	9.27	cps
Gadolinium	160-2	100	107	83	97	12.44	cps
Holmium	165-1	23144874	22579486	23234970	22986444	1.55	cps
Holmium	165-2	8773423	8433121	8090177	8432240	4.05	cps
Indium	115-1	18416746	18384382	18228146	18343092	0.55	cps
Indium	115-2	2228821	2150231	2029706	2136253	4.69	cps
Iron	54-2	1259691	1279592	1247139	1262141	1.30	cps
Iron	56-2	22417215	22660801	22807925	22628647	0.87	cps
Iron	57-2	563311	567186	564907	565135	0.34	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:30:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	543	643	620	602	8.69	cps
Lead	206-1	9239794	9227692	9384219	9283902	0.94	cps
Lead	207-1	7834615	8113461	8163760	8037278	2.21	cps
Lead	208-1	36430860	37036804	36861027	36776230	0.85	cps
Lithium	6-1	11166579	10950769	11322151	11146500	1.67	cps
Magnesium	24-2	5038643	4959519	4944257	4980806	1.02	cps
Manganese	55-2	2705380	2754087	2752397	2737288	1.01	cps
Molybdenum	94-1	4618653	4724367	4576867	4639962	1.64	cps
Molybdenum	95-1	5676990	5653791	5580488	5637090	0.89	cps
Molybdenum	96-1	6210382	6305088	6225043	6246838	0.82	cps
Molybdenum	97-1	3488612	3489493	3486435	3488180	0.05	cps
Molybdenum	98-1	8966857	8989517	9086771	9014382	0.71	cps
Neodymium	150-1	193	160	160	171	11.25	cps
Neodymium	150-2	37	20	17	24	43.83	cps
Nickel	60-2	283036	289833	282845	285238	1.40	cps
Phosphorus	31-2	15692	16910	16101	16234	3.82	cps
Potassium	39-2	1507448	1503974	1511171	1507531	0.24	cps
Rhodium	103-1	17327512	16735907	16779107	16947509	1.95	cps
Rhodium	103-2	7229866	6968269	6706637	6968258	3.75	cps
Scandium	45-1	13475315	13085628	13413464	13324802	1.57	cps
Scandium	45-2	373669	362328	345245	360414	3.97	cps
Selenium	82-1	44124	44626	44860	44537	0.84	cps
Selenium	77-2	850	1053	900	934	11.34	cps
Selenium	78-2	3325	3364	3151	3280	3.46	cps
Silicon	28-1	1966814	2039852	2055330	2020665	2.34	cps
Silver	107-1	2896473	2989034	2928190	2937899	1.60	cps
Silver	109-1	2908299	2811568	2817719	2845862	1.90	cps
Sodium	23-2	9581593	9747446	9380661	9569900	1.92	cps
Strontium	86-1	7359270	7474563	7426722	7420185	0.78	cps
Strontium	88-1	63125193	65665254	63704797	64165081	2.07	cps
Sulfur	34-1	772554	778492	767952	772999	0.68	cps
Terbium	159-1	23660530	23241107	23647529	23516389	1.01	cps
Terbium	159-2	8267694	8068985	7923234	8086638	2.14	cps
Thallium	203-1	2224086	2325619	2329320	2293008	2.60	cps
Thallium	205-1	5437322	5439046	5414331	5430233	0.25	cps
Tin	118-1	1860830	1925072	1909175	1898359	1.76	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:30:42	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1830167	1796608	1814371	1813715	0.93	cps
Uranium	238-1	7243326	7148986	6946669	7112994	2.13	cps
Vanadium	51-2	452509	450507	452831	451949	0.28	cps
Ytterbium	172-1	58	42	58	53	18.23	cps
Ytterbium	172-2	28	17	11	19	45.83	cps
Ytterbium	176-1	11430	12097	11439	11655	3.28	cps
Ytterbium	176-2	5234	4890	4590	4905	6.58	cps
Yttrium	89-1	30039903	30525647	29633000	30066183	1.49	cps
Yttrium	89-2	2655844	2586146	2425192	2555727	4.63	cps
Zinc	66-2	914767	924344	897828	912313	1.47	cps
Zirconium	90-1	3944454	4135992	3971789	4017412	2.58	cps
Zirconium	91-1	874525	928065	879980	894190	3.29	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:33:47 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	626114	627244	633708	629022	0.65	cps
Antimony	121-1	4277148	4237631	4271793	4262191	0.50	cps
Arsenic	75-2	99322	99171	100462	99651	0.71	cps
Barium	135-1	5354207	5283268	5237629	5291701	1.11	cps
Barium	137-1	9329825	9111296	8923835	9121652	2.23	cps
Beryllium	9-1	1700989	1684375	1701082	1695482	0.57	cps
Bismuth	209-1	13398006	14647298	14875325	14306876	5.56	cps
Bismuth	209-2	5936478	5965770	5598507	5833585	3.50	cps
Boron	10-1	189494	197722	198951	195389	2.63	cps
Boron	11-1	862805	910139	878205	883716	2.73	cps
Bromine	81-1	6789	7520	7339	7216	5.28	cps
Cadmium	111-1	1111291	1112870	1103208	1109123	0.47	cps
Cadmium	106-1	136963	136505	137525	136998	0.37	cps
Cadmium	108-1	90205	89673	88678	89519	0.87	cps
Calcium	43-1	1669385	1625879	1611652	1635639	1.84	cps
Calcium	44-1	26621063	25953753	25567663	26047493	2.05	cps
Carbon	12-1	6789227	6989949	7250172	7009782	3.30	cps
Carbon	12-2	78174	79976	79749	79300	1.24	cps
Chlorine	35-1	310451	306832	307659	308314	0.61	cps
Chlorine	35-2	1550	1708	1775	1678	6.89	cps
Chromium	52-2	1140899	1140491	1134543	1138645	0.31	cps
Cobalt	59-2	2109379	2118067	2117142	2114863	0.23	cps
Copper	63-2	15809129	15702617	15853037	15788261	0.49	cps
Dysprosium	156-1	292	267	250	269	7.78	cps
Dysprosium	156-2	63	90	90	81	18.98	cps
Erbium	164-1	208	258	233	233	10.72	cps
Erbium	164-2	63	67	77	69	10.08	cps
Gadolinium	160-1	367	433	467	422	12.06	cps
Gadolinium	160-2	183	110	147	147	25.00	cps
Holmium	165-1	21970994	23957071	24342107	23423391	5.43	cps
Holmium	165-2	8622824	8283242	7939134	8281733	4.13	cps
Indium	115-1	17220120	19037733	19115793	18457882	5.81	cps
Indium	115-2	2155640	2078621	1979644	2071302	4.26	cps
Iron	54-2	2604023	2563060	2589344	2585476	0.80	cps
Iron	56-2	45420961	44177876	45399654	44999497	1.58	cps
Iron	57-2	1119342	1121755	1127315	1122804	0.36	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:33:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	597	597	584	3.62	cps
Lead	206-1	18137957	18210030	18028743	18125577	0.50	cps
Lead	207-1	15765092	15889602	15692787	15782494	0.63	cps
Lead	208-1	72393838	72706322	71969475	72356545	0.51	cps
Lithium	6-1	10489905	11514979	11908947	11304610	6.48	cps
Magnesium	24-2	10015483	9821791	9863386	9900220	1.03	cps
Manganese	55-2	5463969	5366222	5379604	5403265	0.98	cps
Molybdenum	94-1	9161779	9276558	9241336	9226558	0.64	cps
Molybdenum	95-1	11227013	11333005	11341704	11300574	0.57	cps
Molybdenum	96-1	12341090	12360110	12535623	12412274	0.86	cps
Molybdenum	97-1	6936762	6830372	6901822	6889652	0.79	cps
Molybdenum	98-1	17991510	18208970	17953321	18051267	0.76	cps
Neodymium	150-1	280	327	327	311	8.66	cps
Neodymium	150-2	40	33	43	39	13.09	cps
Nickel	60-2	560933	561858	560816	561202	0.10	cps
Phosphorus	31-2	31159	31017	31585	31254	0.95	cps
Potassium	39-2	2978993	2947533	2936961	2954495	0.74	cps
Rhodium	103-1	15954145	17424199	17488007	16955450	5.12	cps
Rhodium	103-2	6991513	6850125	6469177	6770272	3.99	cps
Scandium	45-1	13181386	13877915	14044507	13701270	3.34	cps
Scandium	45-2	361051	350902	340553	350835	2.92	cps
Selenium	82-1	86243	86151	85689	86028	0.35	cps
Selenium	77-2	1890	2087	1973	1983	4.98	cps
Selenium	78-2	6480	6288	6465	6411	1.67	cps
Silicon	28-1	3449896	3472224	3580992	3501037	2.00	cps
Silver	107-1	5735036	5715235	5802990	5751087	0.80	cps
Silver	109-1	5485537	5509944	5310242	5435241	2.00	cps
Sodium	23-2	18976637	18635755	18637656	18750016	1.05	cps
Strontium	86-1	14839214	15023939	14806764	14889973	0.79	cps
Strontium	88-1	129637153	129889453	127797890	129108165	0.88	cps
Sulfur	34-1	924976	939595	920409	928326	1.08	cps
Terbium	159-1	22425346	24372574	24295946	23697955	4.65	cps
Terbium	159-2	8080190	8007816	7498754	7862253	4.03	cps
Thallium	203-1	4435688	4420038	4310237	4388655	1.56	cps
Thallium	205-1	10436915	10415936	10128511	10327120	1.67	cps
Tin	118-1	3773566	3770997	3809519	3784694	0.57	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:33:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3654863	3574778	3557923	3595855	1.44	cps
Uranium	238-1	14034352	13909502	14196544	14046799	1.02	cps
Vanadium	51-2	905578	908334	899397	904436	0.51	cps
Ytterbium	172-1	25	33	92	50	72.65	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	20516	21860	20216	20864	4.20	cps
Ytterbium	176-2	8236	8392	7997	8208	2.42	cps
Yttrium	89-1	28625949	30843350	31134632	30201310	4.54	cps
Yttrium	89-2	2577989	2528649	2424942	2510527	3.11	cps
Zinc	66-2	1745885	1815106	1795207	1785399	2.00	cps
Zirconium	90-1	7966923	7915118	7958070	7946704	0.35	cps
Zirconium	91-1	1824259	1796063	1760066	1793463	1.79	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:39:56 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1350772	1303365	1338454	1330864	1.85	cps
Antimony	121-1	8550272	8512907	8478972	8514050	0.42	cps
Arsenic	75-2	205530	203062	208279	205624	1.27	cps
Barium	135-1	10763304	10844571	10610462	10739445	1.11	cps
Barium	137-1	18653266	18704066	18253013	18536782	1.33	cps
Beryllium	9-1	3242317	3254813	3183458	3226863	1.18	cps
Bismuth	209-1	14010007	14755360	15010398	14591922	3.56	cps
Bismuth	209-2	5651117	6050962	5973536	5891872	3.60	cps
Boron	10-1	401876	415955	431628	416486	3.57	cps
Boron	11-1	1742736	1806223	1860968	1803309	3.28	cps
Bromine	81-1	7630	7820	7580	7677	1.65	cps
Cadmium	111-1	2224903	2132916	2216043	2191287	2.32	cps
Cadmium	106-1	263331	270036	259983	264450	1.94	cps
Cadmium	108-1	178613	179653	176970	178412	0.76	cps
Calcium	43-1	3321479	3385479	3324109	3343689	1.08	cps
Calcium	44-1	51705211	53121050	52624455	52483572	1.37	cps
Carbon	12-1	7868011	8006050	8163432	8012497	1.84	cps
Carbon	12-2	90218	89992	94285	91498	2.64	cps
Chlorine	35-1	323083	321215	320194	321497	0.46	cps
Chlorine	35-2	1867	1583	1675	1708	8.46	cps
Chromium	52-2	2466455	2437425	2480473	2461451	0.89	cps
Cobalt	59-2	4344875	4269700	4265422	4293332	1.04	cps
Copper	63-2	31944308	32679489	32278966	32300921	1.14	cps
Dysprosium	156-1	433	558	442	478	14.63	cps
Dysprosium	156-2	140	183	183	169	14.82	cps
Erbium	164-1	208	250	250	236	10.19	cps
Erbium	164-2	93	97	103	98	5.21	cps
Gadolinium	160-1	600	675	567	614	9.04	cps
Gadolinium	160-2	243	237	220	233	5.15	cps
Holmium	165-1	23514771	24473153	24983030	24323651	3.06	cps
Holmium	165-2	8419636	8846755	8554257	8606883	2.54	cps
Indium	115-1	18459915	19238171	19862060	19186715	3.66	cps
Indium	115-2	2038340	2182407	2129617	2116788	3.44	cps
Iron	54-2	5160152	5129465	5190438	5160018	0.59	cps
Iron	56-2	92684880	90449330	93256558	92130256	1.61	cps
Iron	57-2	2416393	2308850	2416865	2380703	2.61	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:39:56 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	587	567	547	567	3.53	cps
Lead	206-1	36013929	36523512	35639213	36058885	1.23	cps
Lead	207-1	31338989	31060515	30678653	31026053	1.07	cps
Lead	208-1	144195769	143689812	141093071	142992884	1.16	cps
Lithium	6-1	11012969	11226067	11834438	11357824	3.75	cps
Magnesium	24-2	20356133	20076678	20405748	20279519	0.87	cps
Manganese	55-2	11241101	10919281	11180277	11113553	1.54	cps
Molybdenum	94-1	18755972	18558818	18794843	18703211	0.68	cps
Molybdenum	95-1	22890043	22800227	23334035	23008102	1.24	cps
Molybdenum	96-1	25472105	25347768	25682563	25500812	0.66	cps
Molybdenum	97-1	13924519	13835511	14005172	13921734	0.61	cps
Molybdenum	98-1	36751107	36673607	37192849	36872521	0.76	cps
Neodymium	150-1	733	480	600	604	20.97	cps
Neodymium	150-2	43	47	103	64	52.33	cps
Nickel	60-2	1148387	1146498	1147579	1147488	0.08	cps
Phosphorus	31-2	65239	63691	67357	65429	2.81	cps
Potassium	39-2	6091349	5955701	6163522	6070191	1.74	cps
Rhodium	103-1	16897257	17604668	18299909	17600611	3.98	cps
Rhodium	103-2	6815802	7077452	6816573	6903276	2.19	cps
Scandium	45-1	13499315	14208264	14823349	14176976	4.67	cps
Scandium	45-2	370967	382966	366809	373581	2.25	cps
Selenium	82-1	174397	173969	175064	174477	0.32	cps
Selenium	77-2	3814	3867	4021	3901	2.75	cps
Selenium	78-2	13096	13024	13165	13095	0.54	cps
Silicon	28-1	6484753	6578711	6768805	6610756	2.19	cps
Silver	107-1	11451080	11241890	11017346	11236772	1.93	cps
Silver	109-1	11136650	10734252	11004089	10958330	1.87	cps
Sodium	23-2	39427217	38125356	39390163	38980912	1.90	cps
Strontium	86-1	30056908	30277535	30185810	30173418	0.37	cps
Strontium	88-1	259315231	258235689	259820906	259123942	0.31	cps
Sulfur	34-1	1426685	1434395	1421001	1427360	0.47	cps
Terbium	159-1	24212047	24964671	25095842	24757520	1.93	cps
Terbium	159-2	7894547	8452771	8349575	8232298	3.61	cps
Thallium	203-1	8706964	8844292	8621784	8724347	1.29	cps
Thallium	205-1	21286403	20326568	20617481	20743484	2.37	cps
Tin	118-1	7488930	7545123	7456857	7496970	0.60	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:39:56	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7258499	7439443	7495399	7397781	1.67	cps
Uranium	238-1	28070538	28252670	28185325	28169511	0.33	cps
Vanadium	51-2	1907402	1912551	1901556	1907170	0.29	cps
Ytterbium	172-1	50	67	67	61	15.75	cps
Ytterbium	172-2	17	33	44	31	44.41	cps
Ytterbium	176-1	38140	38674	38591	38468	0.75	cps
Ytterbium	176-2	14280	14208	14909	14466	2.66	cps
Yttrium	89-1	30295026	32313160	32735385	31781190	4.10	cps
Yttrium	89-2	2607886	2739009	2616609	2654501	2.76	cps
Zinc	66-2	3568308	3572803	3562884	3567998	0.14	cps
Zirconium	90-1	16181006	16310050	15998542	16163199	0.97	cps
Zirconium	91-1	3564049	3610768	3676805	3617207	1.57	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 10:43:00 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6334027	6199942	6166696	6233555	1.42	cps
Antimony	121-1	5359	5751	5693	5601	3.77	cps
Arsenic	75-2	68	74	73	72	4.48	cps
Barium	135-1	4351	4384	4468	4401	1.37	cps
Barium	137-1	8411	7819	7544	7925	5.59	cps
Beryllium	9-1	384	282	256	307	22.01	cps
Bismuth	209-1	12671806	13006977	13427108	13035297	2.90	cps
Bismuth	209-2	5328500	5175934	5128095	5210843	2.01	cps
Boron	10-1	45982	41590	38631	42068	8.79	cps
Boron	11-1	213703	191035	177036	193925	9.54	cps
Bromine	81-1	7109	7670	7910	7563	5.44	cps
Cadmium	111-1	1247	1244	1194	1228	2.42	cps
Cadmium	106-1	7936	8953	9062	8650	7.18	cps
Cadmium	108-1	179	217	238	211	14.00	cps
Calcium	43-1	15837008	15852304	15528812	15739375	1.16	cps
Calcium	44-1	255932913	258156338	251514551	255201267	1.32	cps
Carbon	12-1	6444146	6553967	6602862	6533659	1.24	cps
Carbon	12-2	78543	76926	78334	77934	1.13	cps
Chlorine	35-1	333417	336309	339378	336368	0.89	cps
Chlorine	35-2	1909	2142	2309	2120	9.48	cps
Chromium	52-2	4971	4928	4944	4948	0.44	cps
Cobalt	59-2	9980	9970	9613	9855	2.12	cps
Copper	63-2	7522	7572	7279	7458	2.11	cps
Dysprosium	156-1	1317	1583	1633	1511	11.27	cps
Dysprosium	156-2	543	537	603	561	6.54	cps
Erbium	164-1	483	542	467	497	7.92	cps
Erbium	164-2	133	117	123	124	6.74	cps
Gadolinium	160-1	1967	1942	1859	1922	2.95	cps
Gadolinium	160-2	743	780	747	757	2.68	cps
Holmium	165-1	22077332	22739292	23798713	22871779	3.80	cps
Holmium	165-2	8427043	8080479	8251175	8252899	2.10	cps
Indium	115-1	17485725	18029731	18697594	18071017	3.36	cps
Indium	115-2	2147648	2045704	2079428	2090926	2.48	cps
Iron	54-2	24400988	24438110	24819651	24552916	0.94	cps
Iron	56-2	444791021	442345654	441130732	442755802	0.42	cps
Iron	57-2	11217752	11125911	11279732	11207798	0.69	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:43:00	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	593	593	621	7.75	cps
Lead	206-1	17846	16922	15760	16843	6.21	cps
Lead	207-1	15348	15103	14870	15107	1.58	cps
Lead	208-1	71434	67408	65421	68088	4.50	cps
Lithium	6-1	10186867	10534850	11077057	10599591	4.23	cps
Magnesium	24-2	97667592	97563140	98184744	97805158	0.34	cps
Manganese	55-2	9580	10030	9914	9841	2.37	cps
Molybdenum	94-1	5543	5351	5251	5382	2.76	cps
Molybdenum	95-1	7069	6285	5276	6210	14.47	cps
Molybdenum	96-1	10104	8736	8128	8989	11.26	cps
Molybdenum	97-1	4342	3309	3267	3639	16.74	cps
Molybdenum	98-1	9387	8236	8111	8578	8.20	cps
Neodymium	150-1	47	93	73	71	32.92	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	3314	3434	3390	3379	1.80	cps
Phosphorus	31-2	92	100	142	111	24.11	cps
Potassium	39-2	30326020	30925301	30767432	30672918	1.01	cps
Rhodium	103-1	15141644	15711290	16130951	15661295	3.17	cps
Rhodium	103-2	6587303	6231839	6300152	6373098	2.96	cps
Scandium	45-1	13179702	13254774	13833537	13422671	2.67	cps
Scandium	45-2	369243	354247	366139	363210	2.18	cps
Selenium	82-1	-46	61	35	17	335.40	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	26	31	40	32	21.94	cps
Silicon	28-1	965617	1079443	1069371	1038143	6.07	cps
Silver	107-1	3676	3334	3476	3495	4.91	cps
Silver	109-1	3551	3267	2850	3223	10.93	cps
Sodium	23-2	189678521	190620154	191394750	190564475	0.45	cps
Strontium	86-1	13006	12423	12214	12548	3.27	cps
Strontium	88-1	107932	103230	99302	103488	4.17	cps
Sulfur	34-1	417327	418676	426872	420958	1.23	cps
Terbium	159-1	22898912	23092205	24452085	23481067	3.60	cps
Terbium	159-2	7977469	7862120	7941501	7927030	0.74	cps
Thallium	203-1	2250	1925	1667	1947	15.01	cps
Thallium	205-1	4826	4618	3901	4448	10.91	cps
Tin	118-1	7769	7169	7085	7341	5.08	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 10:43:00	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2959	2784	2425	2723	9.99	cps
Uranium	238-1	3409	2892	3184	3162	8.20	cps
Vanadium	51-2	250	180	260	230	18.95	cps
Ytterbium	172-1	142	133	192	156	20.28	cps
Ytterbium	172-2	50	39	61	50	22.22	cps
Ytterbium	176-1	2575	2417	2775	2589	6.94	cps
Ytterbium	176-2	1739	1889	1650	1759	6.86	cps
Yttrium	89-1	29174985	30017415	31058150	30083517	3.14	cps
Yttrium	89-2	2600378	2539453	2627645	2589159	1.74	cps
Zinc	66-2	10029	9642	9944	9872	2.06	cps
Zirconium	90-1	5518	5243	5501	5421	2.85	cps
Zirconium	91-1	1292	1050	1175	1172	10.31	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : ICV35 Instrumnet Name : P8
 Client Sample ID : ICV35 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 11:56:50 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30703	30815	30791	30770	0.19	cps
Antimony	121-1	1675074	1664447	1646118	1661880	0.88	cps
Arsenic	75-2	40455	40120	40139	40238	0.47	cps
Barium	135-1	212834	211855	210565	211751	0.54	cps
Barium	137-1	379021	373023	373970	375338	0.86	cps
Beryllium	9-1	334670	334538	329655	332954	0.86	cps
Bismuth	209-1	15225134	15026346	15514101	15255194	1.61	cps
Bismuth	209-2	6017749	6309911	6237373	6188344	2.46	cps
Boron	10-1	263455	264264	266956	264892	0.69	cps
Boron	11-1	1124402	1143579	1162025	1143335	1.65	cps
Bromine	81-1	6949	7700	7480	7376	5.23	cps
Cadmium	111-1	230510	232431	228850	230597	0.78	cps
Cadmium	106-1	56265	56659	55437	56121	1.11	cps
Cadmium	108-1	29056	27707	27862	28208	2.62	cps
Calcium	43-1	74237	74312	74894	74481	0.48	cps
Calcium	44-1	1116545	1184999	1131352	1144299	3.15	cps
Carbon	12-1	5651778	5594976	5626147	5624301	0.51	cps
Carbon	12-2	58969	58802	58500	58757	0.40	cps
Chlorine	35-1	279725	280451	279954	280044	0.13	cps
Chlorine	35-2	1600	1508	1692	1600	5.73	cps
Chromium	52-2	232917	229511	228881	230436	0.94	cps
Cobalt	59-2	419210	426832	417200	421081	1.21	cps
Copper	63-2	316930	319835	311452	316072	1.35	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	125	133	125	128	3.77	cps
Erbium	164-2	80	37	43	53	43.75	cps
Gadolinium	160-1	175	183	133	164	16.34	cps
Gadolinium	160-2	43	50	83	59	36.39	cps
Holmium	165-1	24442530	23969154	23783067	24064917	1.41	cps
Holmium	165-2	8382545	8430258	8492562	8435122	0.65	cps
Indium	115-1	19582310	19311628	19378142	19424026	0.73	cps
Indium	115-2	2152108	2181876	2148338	2160774	0.85	cps
Iron	54-2	199525	201087	199521	200044	0.45	cps
Iron	56-2	3523132	3577736	3558472	3553113	0.78	cps
Iron	57-2	89004	89307	87680	88664	0.98	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICV35	Instrumnet Name :	P8
Client Sample ID :	ICV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 11:56:50	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	567	543	572	5.60	cps
Lead	206-1	1543574	1511115	1511622	1522104	1.22	cps
Lead	207-1	1299227	1271009	1289821	1286685	1.12	cps
Lead	208-1	6100337	6004928	6194302	6099856	1.55	cps
Lithium	6-1	12157579	12117050	12475598	12250075	1.60	cps
Magnesium	24-2	224640	227008	222635	224761	0.97	cps
Manganese	55-2	105000	105611	103337	104650	1.12	cps
Molybdenum	94-1	9145961	9162767	8993348	9100692	1.03	cps
Molybdenum	95-1	11141852	11198207	10929015	11089691	1.28	cps
Molybdenum	96-1	12546704	12615442	12327515	12496553	1.20	cps
Molybdenum	97-1	6964788	6995328	6794423	6918180	1.56	cps
Molybdenum	98-1	18069563	17936557	17865635	17957251	0.58	cps
Neodymium	150-1	20	53	27	33	52.91	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	115336	113748	116378	115154	1.15	cps
Phosphorus	31-2	75	142	83	100	36.32	cps
Potassium	39-2	231774	233766	233860	233133	0.51	cps
Rhodium	103-1	18236375	18301175	18622797	18386783	1.13	cps
Rhodium	103-2	7088443	7188822	7111565	7129610	0.74	cps
Scandium	45-1	13986853	14269245	14211156	14155751	1.05	cps
Scandium	45-2	353573	364704	360986	359755	1.58	cps
Selenium	82-1	35614	36029	35956	35866	0.62	cps
Selenium	77-2	703	783	847	778	9.24	cps
Selenium	78-2	2573	2597	2712	2627	2.83	cps
Silicon	28-1	3613447	3743894	3697519	3684953	1.79	cps
Silver	107-1	579835	580101	579310	579749	0.07	cps
Silver	109-1	547222	559419	553319	553320	1.10	cps
Sodium	23-2	738392	748448	729689	738843	1.27	cps
Strontium	86-1	15753077	16267885	16036921	16019294	1.61	cps
Strontium	88-1	141164507	138849495	136986353	139000118	1.51	cps
Sulfur	34-1	491649	486463	477817	485309	1.44	cps
Terbium	159-1	24740118	25038760	24907119	24895332	0.60	cps
Terbium	159-2	8040536	8110373	8096796	8082568	0.46	cps
Thallium	203-1	1854106	1922893	1915004	1897334	1.98	cps
Thallium	205-1	4518642	4551787	4511802	4527410	0.47	cps
Tin	118-1	3757312	3758745	3720363	3745473	0.58	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICV35	Instrumnet Name :	P8
Client Sample ID :	ICV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 11:56:50	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3616299	3645954	3609864	3624039	0.53	cps
Uranium	238-1	13864249	13692443	13474188	13676960	1.43	cps
Vanadium	51-2	174983	176020	175024	175342	0.33	cps
Ytterbium	172-1	58	67	92	72	24.02	cps
Ytterbium	172-2	33	50	11	31	61.98	cps
Ytterbium	176-1	19865	19866	21159	20297	3.68	cps
Ytterbium	176-2	9137	9820	9164	9374	4.13	cps
Yttrium	89-1	31793069	32029591	31777165	31866608	0.44	cps
Yttrium	89-2	2551721	2697893	2567086	2605567	3.08	cps
Zinc	66-2	69481	69294	70487	69754	0.92	cps
Zirconium	90-1	7899297	7886215	7903193	7896235	0.11	cps
Zirconium	91-1	1782406	1740809	1760108	1761108	1.18	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:42:26	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1416	1487	1500	1468	3.08	cps
Antimony	121-1	17245	17720	17078	17348	1.92	cps
Arsenic	75-2	203	219	195	206	5.94	cps
Barium	135-1	21409	21668	22461	21846	2.51	cps
Barium	137-1	37737	39007	38781	38508	1.76	cps
Beryllium	9-1	3610	3724	3618	3650	1.74	cps
Bismuth	209-1	15843839	15798612	16105443	15915964	1.04	cps
Bismuth	209-2	6272203	6173764	6211827	6219265	0.80	cps
Boron	10-1	9941	10728	11214	10628	6.04	cps
Boron	11-1	46494	49439	53302	49745	6.86	cps
Bromine	81-1	7920	7560	7710	7730	2.34	cps
Cadmium	111-1	3445	3290	3436	3390	2.56	cps
Cadmium	106-1	10304	10162	10663	10376	2.49	cps
Cadmium	108-1	229	288	217	244	15.47	cps
Calcium	43-1	16504	16804	17000	16769	1.49	cps
Calcium	44-1	280410	280577	279213	280067	0.27	cps
Carbon	12-1	5215968	5217977	5226298	5220081	0.10	cps
Carbon	12-2	53356	54970	53849	54058	1.53	cps
Chlorine	35-1	254508	251344	255727	253860	0.89	cps
Chlorine	35-2	1350	1483	1325	1386	6.14	cps
Chromium	52-2	5424	5471	5468	5454	0.48	cps
Cobalt	59-2	4431	4301	4364	4365	1.49	cps
Copper	63-2	7005	7305	7295	7202	2.37	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	133	83	133	117	24.74	cps
Erbium	164-2	67	50	77	64	20.91	cps
Gadolinium	160-1	192	158	167	172	10.07	cps
Gadolinium	160-2	47	50	60	52	13.28	cps
Holmium	165-1	24701204	24947216	24816876	24821765	0.50	cps
Holmium	165-2	8888944	8495924	8415240	8600036	2.95	cps
Indium	115-1	19790846	19953037	20006466	19916783	0.56	cps
Indium	115-2	2253455	2130116	2190582	2191384	2.81	cps
Iron	54-2	5390	5768	5651	5603	3.45	cps
Iron	56-2	97213	95898	95462	96191	0.95	cps
Iron	57-2	2600	2506	2478	2528	2.53	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:42:26	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	650	483	623	586	15.29	cps
Lead	206-1	8331	8264	8053	8216	1.77	cps
Lead	207-1	7263	7019	7041	7108	1.90	cps
Lead	208-1	32188	32934	32823	32648	1.23	cps
Lithium	6-1	12496766	12287790	12721518	12502025	1.74	cps
Magnesium	24-2	101309	100781	100764	100951	0.31	cps
Manganese	55-2	1307	1130	1123	1187	8.76	cps
Molybdenum	94-1	18830	20082	18821	19244	3.77	cps
Molybdenum	95-1	22636	23412	23779	23276	2.51	cps
Molybdenum	96-1	25507	27085	26434	26342	3.01	cps
Molybdenum	97-1	13599	14550	13924	14024	3.45	cps
Molybdenum	98-1	38086	37577	36164	37276	2.67	cps
Neodymium	150-1	33	13	20	22	45.83	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1283	1350	1263	1299	3.49	cps
Phosphorus	31-2	100	83	92	92	9.09	cps
Potassium	39-2	69032	69233	68622	68962	0.45	cps
Rhodium	103-1	19046959	18524194	19012146	18861100	1.55	cps
Rhodium	103-2	7320268	7115590	7296849	7244236	1.55	cps
Scandium	45-1	14457815	14286114	14792080	14512003	1.77	cps
Scandium	45-2	372939	363957	371113	369337	1.29	cps
Selenium	82-1	845	993	889	909	8.35	cps
Selenium	77-2	20	20	13	18	21.66	cps
Selenium	78-2	75	85	85	82	7.07	cps
Silicon	28-1	361794	365045	368305	365048	0.89	cps
Silver	107-1	11338	11905	12256	11833	3.91	cps
Silver	109-1	10896	11547	11330	11258	2.94	cps
Sodium	23-2	209287	208721	210558	209522	0.45	cps
Strontium	86-1	4359	3767	4251	4126	7.64	cps
Strontium	88-1	28964	29599	29114	29226	1.13	cps
Sulfur	34-1	518979	526447	526501	523976	0.83	cps
Terbium	159-1	25051925	24367080	25734068	25051024	2.73	cps
Terbium	159-2	8369722	7960954	8188951	8173209	2.51	cps
Thallium	203-1	9320	8686	9045	9017	3.53	cps
Thallium	205-1	21894	22896	22587	22459	2.28	cps
Tin	118-1	38881	38037	37870	38263	1.42	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:42:26	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7902	7477	8019	7800	3.66	cps
Uranium	238-1	27004	28959	27639	27867	3.58	cps
Vanadium	51-2	9303	9083	9406	9264	1.78	cps
Ytterbium	172-1	42	75	25	47	53.91	cps
Ytterbium	172-2	22	56	17	31	66.81	cps
Ytterbium	176-1	2767	3000	3050	2939	5.15	cps
Ytterbium	176-2	3200	3112	2711	3008	8.66	cps
Yttrium	89-1	31859401	31413305	32702885	31991864	2.05	cps
Yttrium	89-2	2658324	2570398	2623733	2617485	1.69	cps
Zinc	66-2	1060	1047	1083	1063	1.74	cps
Zirconium	90-1	17503	17445	17178	17375	1.00	cps
Zirconium	91-1	3692	3826	3967	3828	3.59	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : ICB35 Instrumnet Name : P8
 Client Sample ID : ICB35 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 12:45:30 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	134	125	122	10.95	cps
Antimony	121-1	83	58	142	94	45.27	cps
Arsenic	75-2	1	1	3	2	69.28	cps
Barium	135-1	117	108	133	119	10.66	cps
Barium	137-1	175	167	250	197	23.27	cps
Beryllium	9-1	62	54	32	49	31.50	cps
Bismuth	209-1	15913456	15938063	15757119	15869546	0.62	cps
Bismuth	209-2	6434763	6403697	6507084	6448515	0.82	cps
Boron	10-1	2450	2234	2306	2330	4.72	cps
Boron	11-1	11234	10634	10210	10692	4.81	cps
Bromine	81-1	7330	7670	7730	7577	2.85	cps
Cadmium	111-1	1009	1035	1009	1018	1.47	cps
Cadmium	106-1	10212	10313	10354	10293	0.71	cps
Cadmium	108-1	29	54	79	54	46.15	cps
Calcium	43-1	318	367	387	357	9.88	cps
Calcium	44-1	16449	16504	16267	16407	0.76	cps
Carbon	12-1	5719041	5852191	5902957	5824729	1.63	cps
Carbon	12-2	62642	62684	62584	62637	0.08	cps
Chlorine	35-1	266189	261938	265406	264511	0.86	cps
Chlorine	35-2	1542	1467	1167	1392	14.26	cps
Chromium	52-2	727	657	697	693	5.07	cps
Cobalt	59-2	47	50	83	60	33.79	cps
Copper	63-2	740	657	660	686	6.88	cps
Dysprosium	156-1	8	33	33	25	57.74	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	175	125	142	147	17.30	cps
Erbium	164-2	47	37	47	43	13.32	cps
Gadolinium	160-1	117	208	175	167	27.84	cps
Gadolinium	160-2	90	53	70	71	25.82	cps
Holmium	165-1	25008335	25267118	24666385	24980613	1.21	cps
Holmium	165-2	8813968	8760160	8649202	8741110	0.96	cps
Indium	115-1	20937934	20174436	20079664	20397345	2.31	cps
Indium	115-2	2298975	2153042	2270832	2240949	3.45	cps
Iron	54-2	222	228	350	267	27.08	cps
Iron	56-2	1700	1961	1889	1850	7.29	cps
Iron	57-2	67	78	22	56	52.92	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : ICB35 Instrumnet Name : P8
 Client Sample ID : ICB35 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 12:45:30 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	550	550	533	544	1.77	cps
Lead	206-1	967	856	839	887	7.83	cps
Lead	207-1	689	922	794	802	14.57	cps
Lead	208-1	3378	3534	3489	3467	2.31	cps
Lithium	6-1	12800608	12670689	12503328	12658208	1.18	cps
Magnesium	24-2	242	267	225	244	8.58	cps
Manganese	55-2	77	53	37	56	36.17	cps
Molybdenum	94-1	633	575	575	594	5.67	cps
Molybdenum	95-1	100	92	50	81	33.25	cps
Molybdenum	96-1	217	200	175	197	10.63	cps
Molybdenum	97-1	92	50	42	61	43.83	cps
Molybdenum	98-1	125	92	67	94	30.98	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	17	23	20	20	16.65	cps
Phosphorus	31-2	92	133	33	86	58.34	cps
Potassium	39-2	9020	9820	9670	9503	4.48	cps
Rhodium	103-1	19089972	19064623	18708342	18954312	1.13	cps
Rhodium	103-2	7622629	7183991	7332590	7379737	3.02	cps
Scandium	45-1	15028817	14561812	14485197	14691942	2.00	cps
Scandium	45-2	388345	380462	373601	380803	1.94	cps
Selenium	82-1	-22	47	28	18	201.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	17	19	18	6.54	cps
Silicon	28-1	295586	297538	297960	297028	0.43	cps
Silver	107-1	267	258	258	261	1.84	cps
Silver	109-1	158	117	183	153	22.04	cps
Sodium	23-2	15575	15442	15142	15386	1.44	cps
Strontium	86-1	958	808	825	864	9.52	cps
Strontium	88-1	600	775	675	683	12.85	cps
Sulfur	34-1	524157	526638	532532	527776	0.82	cps
Terbium	159-1	25104528	25725129	25330929	25386862	1.24	cps
Terbium	159-2	8500363	8640129	8374667	8505053	1.56	cps
Thallium	203-1	408	367	308	361	13.91	cps
Thallium	205-1	875	800	850	842	4.54	cps
Tin	118-1	1242	1192	1083	1172	6.91	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICB35	Instrumnet Name :	P8
Client Sample ID :	ICB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:45:30	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	175	150	156	11.15	cps
Uranium	238-1	8	17	0	8	100.02	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Ytterbium	172-1	33	33	0	22	86.60	cps
Ytterbium	172-2	28	28	28	28	0.00	cps
Ytterbium	176-1	3125	2825	3017	2989	5.08	cps
Ytterbium	176-2	2823	2806	2284	2637	11.62	cps
Yttrium	89-1	33439297	33292000	32938326	33223208	0.77	cps
Yttrium	89-2	2688671	2625964	2682528	2665721	1.30	cps
Zinc	66-2	210	226	266	234	12.40	cps
Zirconium	90-1	1884	1758	1758	1800	4.01	cps
Zirconium	91-1	292	292	417	333	21.65	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSA35	Instrumnet Name :	P8
Client Sample ID :	ICSA35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:48:31	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5849316	5950909	5990314	5930179	1.23	cps
Antimony	121-1	9153	9103	9403	9220	1.74	cps
Arsenic	75-2	59	63	56	59	5.92	cps
Barium	135-1	3167	2600	2984	2917	9.92	cps
Barium	137-1	5476	5076	5485	5346	4.37	cps
Beryllium	9-1	950	936	912	933	2.06	cps
Bismuth	209-1	15286700	14903606	14570976	14920427	2.40	cps
Bismuth	209-2	5857613	6094761	6107002	6019792	2.34	cps
Boron	10-1	1900	1734	1818	1817	4.57	cps
Boron	11-1	8749	8551	8189	8496	3.34	cps
Bromine	81-1	7720	8011	7880	7870	1.85	cps
Cadmium	111-1	2509	2166	1935	2203	13.10	cps
Cadmium	106-1	8945	8886	9028	8953	0.80	cps
Cadmium	108-1	2754	2700	2913	2789	3.96	cps
Calcium	43-1	3150170	3086636	3134952	3123919	1.06	cps
Calcium	44-1	49429544	49841826	50450190	49907187	1.03	cps
Carbon	12-1	35663623	36517101	37051908	36410877	1.92	cps
Carbon	12-2	389582	394959	393511	392684	0.71	cps
Chlorine	35-1	12331055	16442214	20073979	16282416	23.79	cps
Chlorine	35-2	147751	161830	181283	163621	10.29	cps
Chromium	52-2	45766	45787	45091	45548	0.87	cps
Cobalt	59-2	4831	4831	4931	4864	1.19	cps
Copper	63-2	23540	23550	23553	23547	0.03	cps
Dysprosium	156-1	42	67	83	64	32.83	cps
Dysprosium	156-2	27	27	20	24	15.75	cps
Erbium	164-1	158	233	108	167	37.75	cps
Erbium	164-2	57	70	57	61	12.59	cps
Gadolinium	160-1	158	225	192	192	17.39	cps
Gadolinium	160-2	47	63	57	56	15.09	cps
Holmium	165-1	24614419	24744452	24168608	24509160	1.23	cps
Holmium	165-2	8710342	8933258	8952339	8865313	1.52	cps
Indium	115-1	19435193	19677857	19360658	19491236	0.85	cps
Indium	115-2	2100276	2146485	2180358	2142373	1.88	cps
Iron	54-2	9723603	9547183	9677181	9649323	0.95	cps
Iron	56-2	172204176	176000671	175438165	174547671	1.17	cps
Iron	57-2	4428752	4385269	4389333	4401118	0.55	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSA35	Instrumnet Name :	P8
Client Sample ID :	ICSA35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:48:31	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	517	497	533	516	3.56	cps
Lead	206-1	33861	33583	34608	34017	1.56	cps
Lead	207-1	26477	27886	26266	26876	3.28	cps
Lead	208-1	127306	128011	127410	127576	0.30	cps
Lithium	6-1	11777099	11982466	11788262	11849276	0.97	cps
Magnesium	24-2	18148819	18273604	18354485	18258969	0.57	cps
Manganese	55-2	7826	7872	7912	7870	0.55	cps
Molybdenum	94-1	4948315	4821844	4938996	4903052	1.44	cps
Molybdenum	95-1	8765522	8560724	8629871	8652039	1.20	cps
Molybdenum	96-1	9336868	9187842	9177619	9234109	0.97	cps
Molybdenum	97-1	5301503	5240169	5259872	5267181	0.59	cps
Molybdenum	98-1	13530019	13895756	13937292	13787689	1.63	cps
Neodymium	150-1	47	20	80	49	61.49	cps
Neodymium	150-2	10	20	7	12	56.76	cps
Nickel	60-2	6161	6345	6148	6218	1.77	cps
Phosphorus	31-2	304426	309584	308620	307543	0.89	cps
Potassium	39-2	11003676	11195560	10952604	11050613	1.16	cps
Rhodium	103-1	17430532	17764734	17156201	17450489	1.75	cps
Rhodium	103-2	6857004	6939512	7013444	6936653	1.13	cps
Scandium	45-1	14148209	14278101	13900819	14109043	1.36	cps
Scandium	45-2	363525	376573	374119	371406	1.87	cps
Selenium	82-1	102	81	51	78	33.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	21	16	17	24.25	cps
Silicon	28-1	494713	505539	515603	505285	2.07	cps
Silver	107-1	733	442	633	603	24.59	cps
Silver	109-1	367	492	283	381	27.56	cps
Sodium	23-2	36721871	37166661	37093947	36994160	0.64	cps
Strontium	86-1	102458	100712	103373	102181	1.32	cps
Strontium	88-1	877794	877561	868641	874665	0.60	cps
Sulfur	34-1	5084301	5106984	5032251	5074512	0.76	cps
Terbium	159-1	25153612	25095406	24839303	25029440	0.67	cps
Terbium	159-2	8359302	8672831	8523685	8518606	1.84	cps
Thallium	203-1	667	633	617	639	3.98	cps
Thallium	205-1	1792	1925	2175	1964	9.91	cps
Tin	118-1	2092	2750	2450	2431	13.56	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSA35	Instrumnet Name :	P8
Client Sample ID :	ICSA35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:48:31	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2848585	2938115	2900609	2895769	1.55	cps
Uranium	238-1	425	342	475	414	16.27	cps
Vanadium	51-2	273	293	273	280	4.12	cps
Ytterbium	172-1	75	58	83	72	17.63	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	2650	2400	2725	2592	6.57	cps
Ytterbium	176-2	2000	2095	2106	2067	2.81	cps
Yttrium	89-1	32284767	31930698	31333670	31849712	1.51	cps
Yttrium	89-2	2557198	2680181	2674322	2637234	2.63	cps
Zinc	66-2	3866	3979	3852	3899	1.79	cps
Zirconium	90-1	2042	1742	1825	1870	8.28	cps
Zirconium	91-1	383	383	417	394	4.88	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSAB35	Instrumnet Name :	P8
Client Sample ID :	ICSAB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:51:26	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6130868	6155426	6080986	6122427	0.62	cps
Antimony	121-1	180415	180104	179965	180161	0.13	cps
Arsenic	75-2	4039	4060	4105	4068	0.83	cps
Barium	135-1	45945	47467	46464	46626	1.66	cps
Barium	137-1	81026	81152	80045	80741	0.75	cps
Beryllium	9-1	67367	66299	67548	67071	1.01	cps
Bismuth	209-1	14819877	14604202	15004300	14809460	1.35	cps
Bismuth	209-2	5954968	5865320	5980376	5933555	1.02	cps
Boron	10-1	24606	25821	26867	25765	4.39	cps
Boron	11-1	118116	120503	123788	120802	2.36	cps
Bromine	81-1	7750	8311	8241	8101	3.77	cps
Cadmium	111-1	44753	45251	45768	45257	1.12	cps
Cadmium	106-1	15384	15876	15067	15442	2.64	cps
Cadmium	108-1	6597	6643	6589	6610	0.44	cps
Calcium	43-1	3237686	3168154	3224080	3209973	1.15	cps
Calcium	44-1	50984226	50704581	52565508	51418105	1.95	cps
Carbon	12-1	37001810	38829515	39098469	38309931	2.98	cps
Carbon	12-2	407726	414640	409006	410457	0.90	cps
Chlorine	35-1	25603288	30118664	32864496	29528816	12.42	cps
Chlorine	35-2	213879	227154	229786	223607	3.81	cps
Chromium	52-2	93164	92104	92567	92612	0.57	cps
Cobalt	59-2	90184	89479	88892	89518	0.72	cps
Copper	63-2	86844	86075	85834	86251	0.61	cps
Dysprosium	156-1	67	42	75	61	28.38	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	150	150	133	144	6.66	cps
Erbium	164-2	87	53	40	60	40.07	cps
Gadolinium	160-1	183	250	208	214	15.75	cps
Gadolinium	160-2	70	60	70	67	8.66	cps
Holmium	165-1	25740457	25459029	25742755	25647414	0.64	cps
Holmium	165-2	8661042	8648241	8537947	8615743	0.79	cps
Indium	115-1	19706622	19492892	19654328	19617947	0.57	cps
Indium	115-2	2159213	2115280	2186921	2153805	1.68	cps
Iron	54-2	9767240	10206745	10044924	10006303	2.22	cps
Iron	56-2	178010148	182388587	180200171	180199636	1.21	cps
Iron	57-2	4634101	4684557	4568123	4628927	1.26	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSAB35	Instrumnet Name :	P8
Client Sample ID :	ICSAB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:51:26	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	553	583	547	561	3.48	cps
Lead	206-1	174555	174701	175062	174773	0.15	cps
Lead	207-1	145261	146589	143420	145090	1.10	cps
Lead	208-1	668988	672633	669641	670420	0.29	cps
Lithium	6-1	12128932	12044082	12238807	12137273	0.80	cps
Magnesium	24-2	19272225	19135654	19327413	19245097	0.51	cps
Manganese	55-2	28435	29921	29163	29173	2.55	cps
Molybdenum	94-1	5489023	5575349	5573948	5546107	0.89	cps
Molybdenum	95-1	9039805	9124869	9101154	9088609	0.48	cps
Molybdenum	96-1	9861140	9884615	9737160	9827638	0.81	cps
Molybdenum	97-1	5643450	5642185	5631126	5638920	0.12	cps
Molybdenum	98-1	14721232	14673377	14431372	14608660	1.06	cps
Neodymium	150-1	33	60	67	53	33.08	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	28666	28803	28462	28643	0.60	cps
Phosphorus	31-2	320208	324749	318587	321181	0.99	cps
Potassium	39-2	11583275	11409795	11591051	11528040	0.89	cps
Rhodium	103-1	17850090	17743168	17978715	17857324	0.66	cps
Rhodium	103-2	7069033	6940912	6985562	6998502	0.93	cps
Scandium	45-1	14547413	14432651	14825314	14601793	1.38	cps
Scandium	45-2	378372	373228	372943	374848	0.82	cps
Selenium	82-1	3559	3445	3503	3502	1.63	cps
Selenium	77-2	53	90	93	79	28.14	cps
Selenium	78-2	255	281	269	268	4.85	cps
Silicon	28-1	971777	1010764	856248	946263	8.49	cps
Silver	107-1	217388	221627	218785	219267	0.99	cps
Silver	109-1	212149	215083	212903	213379	0.71	cps
Sodium	23-2	38028593	38852733	38158510	38346612	1.16	cps
Strontium	86-1	268422	273852	270861	271045	1.00	cps
Strontium	88-1	2366068	2329189	2347053	2347437	0.79	cps
Sulfur	34-1	5073504	5379833	5221382	5224906	2.93	cps
Terbium	159-1	25371291	26035067	26182648	25863002	1.67	cps
Terbium	159-2	8474140	8399704	8325213	8399686	0.89	cps
Thallium	203-1	173982	176826	177613	176140	1.08	cps
Thallium	205-1	423788	432230	429297	428438	1.00	cps
Tin	118-1	415866	411583	423948	417132	1.51	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	ICSAB35	Instrumnet Name :	P8
Client Sample ID :	ICSAB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:51:26	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3063941	3050893	3079421	3064752	0.47	cps
Uranium	238-1	1548995	1527298	1564852	1547048	1.22	cps
Vanadium	51-2	35858	36714	35995	36189	1.27	cps
Ytterbium	172-1	33	50	117	67	66.15	cps
Ytterbium	172-2	11	33	44	30	57.29	cps
Ytterbium	176-1	4351	4876	4801	4676	6.07	cps
Ytterbium	176-2	2611	2573	2656	2613	1.60	cps
Yttrium	89-1	32952225	32336119	32833325	32707223	1.00	cps
Yttrium	89-2	2691134	2666664	2638266	2665355	0.99	cps
Zinc	66-2	11062	10935	11204	11067	1.22	cps
Zirconium	90-1	897947	890317	906278	898180	0.89	cps
Zirconium	91-1	194725	196499	199878	197034	1.33	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCV29 Instrumnet Name : P8
 Client Sample ID : CCV29 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 12:54:20 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3304004	3345682	3346382	3332023	0.73	cps
Antimony	121-1	4184183	4242636	4218275	4215031	0.70	cps
Arsenic	75-2	107733	108177	107918	107943	0.21	cps
Barium	135-1	5411657	5425958	5430972	5422862	0.18	cps
Barium	137-1	9415159	9409596	9454781	9426512	0.26	cps
Beryllium	9-1	1695606	1689816	1728243	1704555	1.22	cps
Bismuth	209-1	14868719	14435512	14280231	14528154	2.10	cps
Bismuth	209-2	5858126	6086009	5662096	5868744	3.62	cps
Boron	10-1	184213	199137	206181	196510	5.71	cps
Boron	11-1	855099	861478	909327	875301	3.39	cps
Bromine	81-1	8481	8461	7860	8268	4.27	cps
Cadmium	111-1	1156243	1149173	1143398	1149605	0.56	cps
Cadmium	106-1	142430	145295	142677	143467	1.11	cps
Cadmium	108-1	90410	93619	93644	92558	2.01	cps
Calcium	43-1	8295805	8489980	8222821	8336202	1.66	cps
Calcium	44-1	131480776	134535426	135601266	133872489	1.60	cps
Carbon	12-1	7654136	8020236	8251811	7975394	3.78	cps
Carbon	12-2	93111	96097	95460	94890	1.66	cps
Chlorine	35-1	7947489	7427432	6951551	7442157	6.69	cps
Chlorine	35-2	37641	35945	35444	36344	3.17	cps
Chromium	52-2	1203613	1193405	1205895	1200971	0.55	cps
Cobalt	59-2	2232424	2197275	2205797	2211832	0.83	cps
Copper	63-2	16576904	16736915	16698620	16670813	0.50	cps
Dysprosium	156-1	825	933	917	892	6.54	cps
Dysprosium	156-2	257	337	370	321	18.14	cps
Erbium	164-1	292	400	375	356	15.95	cps
Erbium	164-2	97	130	90	106	20.30	cps
Gadolinium	160-1	1142	983	875	1000	13.41	cps
Gadolinium	160-2	347	390	443	393	12.31	cps
Holmium	165-1	25819610	25414859	24777843	25337437	2.07	cps
Holmium	165-2	9021090	9248217	8521286	8930198	4.16	cps
Indium	115-1	20265829	19706287	19169698	19713938	2.78	cps
Indium	115-2	2274826	2279961	2129291	2228026	3.84	cps
Iron	54-2	13207981	12981490	12982178	13057216	1.00	cps
Iron	56-2	237521611	232772955	235870872	235388479	1.02	cps
Iron	57-2	5840762	5871858	5924151	5878924	0.72	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:54:20	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	660	573	638	8.89	cps
Lead	206-1	17591332	18103600	17410761	17701898	2.03	cps
Lead	207-1	15248621	15534521	15248052	15343731	1.08	cps
Lead	208-1	70516765	70852905	69857399	70409023	0.72	cps
Lithium	6-1	12437425	11937888	12111530	12162281	2.09	cps
Magnesium	24-2	51252530	52483154	51625581	51787089	1.22	cps
Manganese	55-2	5962151	5981489	5906761	5950134	0.65	cps
Molybdenum	94-1	9505700	9693725	9687784	9629070	1.11	cps
Molybdenum	95-1	11653251	11995457	11874111	11840940	1.47	cps
Molybdenum	96-1	12986541	13310173	13085605	13127440	1.26	cps
Molybdenum	97-1	7147974	7233349	7216335	7199219	0.63	cps
Molybdenum	98-1	18531334	18881362	19001845	18804847	1.30	cps
Neodymium	150-1	307	333	253	298	13.68	cps
Neodymium	150-2	13	30	10	18	60.28	cps
Nickel	60-2	568492	563692	573429	568537	0.86	cps
Phosphorus	31-2	33381	33339	33130	33283	0.40	cps
Potassium	39-2	15708608	15571173	15705969	15661917	0.50	cps
Rhodium	103-1	18036156	17520920	17680148	17745741	1.49	cps
Rhodium	103-2	7134231	7193583	6842652	7056822	2.66	cps
Scandium	45-1	15225009	14843194	14631439	14899881	2.02	cps
Scandium	45-2	393651	409490	384432	395858	3.20	cps
Selenium	82-1	89382	90367	90958	90236	0.88	cps
Selenium	77-2	2097	2074	1907	2026	5.12	cps
Selenium	78-2	6844	6809	6596	6750	1.99	cps
Silicon	28-1	3803061	3804040	3852841	3819981	0.75	cps
Silver	107-1	5888350	5987518	5877208	5917692	1.03	cps
Silver	109-1	5523573	5784660	5714183	5674139	2.38	cps
Sodium	23-2	99908152	101117579	99768715	100264815	0.74	cps
Strontium	86-1	15269821	15472014	15165061	15302299	1.02	cps
Strontium	88-1	131176382	133625061	136427795	133743079	1.96	cps
Sulfur	34-1	980869	983390	982882	982380	0.14	cps
Terbium	159-1	26489649	25449080	24755876	25564869	3.41	cps
Terbium	159-2	8614271	8742631	8237420	8531440	3.08	cps
Thallium	203-1	4424812	4351432	4371394	4382546	0.87	cps
Thallium	205-1	10309909	10243829	10201124	10251621	0.53	cps
Tin	118-1	3855836	3867162	3789541	3837513	1.09	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 12:54:20	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3796940	3821577	3909443	3842653	1.54	cps
Uranium	238-1	14298796	13777654	14592422	14222957	2.90	cps
Vanadium	51-2	968954	967014	971249	969072	0.22	cps
Ytterbium	172-1	92	117	92	100	14.43	cps
Ytterbium	172-2	28	39	39	35	18.23	cps
Ytterbium	176-1	20984	21084	21234	21101	0.60	cps
Ytterbium	176-2	8981	8859	8186	8675	4.93	cps
Yttrium	89-1	34090356	32657179	33208807	33318781	2.17	cps
Yttrium	89-2	2849991	2833528	2685957	2789825	3.24	cps
Zinc	66-2	1816983	1855768	1838716	1837156	1.06	cps
Zirconium	90-1	8348733	8391146	8593628	8444502	1.55	cps
Zirconium	91-1	1825625	1909601	1982097	1905774	4.11	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P8
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:17:18 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124	125	137	129	5.90	cps
Antimony	121-1	133	150	208	164	24.03	cps
Arsenic	75-2	5	3	2	3	45.83	cps
Barium	135-1	175	233	183	197	16.00	cps
Barium	137-1	192	258	200	217	16.77	cps
Beryllium	9-1	52	66	56	58	12.44	cps
Bismuth	209-1	16928213	16531809	15620795	16360272	4.10	cps
Bismuth	209-2	6590522	6668146	6266447	6508372	3.27	cps
Boron	10-1	1878	1824	1792	1831	2.37	cps
Boron	11-1	8601	8739	8551	8630	1.13	cps
Bromine	81-1	7319	6999	8091	7470	7.51	cps
Cadmium	111-1	1021	969	937	976	4.36	cps
Cadmium	106-1	10129	10046	9328	9834	4.48	cps
Cadmium	108-1	42	63	42	49	24.74	cps
Calcium	43-1	409	360	386	385	6.47	cps
Calcium	44-1	17860	17722	17301	17628	1.65	cps
Carbon	12-1	5797260	5923105	5973830	5898065	1.54	cps
Carbon	12-2	62291	62885	63078	62751	0.65	cps
Chlorine	35-1	656997	644986	620259	640747	2.92	cps
Chlorine	35-2	3601	3267	3584	3484	5.39	cps
Chromium	52-2	683	770	673	709	7.50	cps
Cobalt	59-2	97	83	80	87	10.18	cps
Copper	63-2	763	830	710	768	7.83	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	92	108	192	131	41.03	cps
Erbium	164-2	57	40	40	46	21.13	cps
Gadolinium	160-1	208	108	142	153	33.33	cps
Gadolinium	160-2	43	57	47	49	14.20	cps
Holmium	165-1	27299844	25741651	24960384	26000627	4.58	cps
Holmium	165-2	8859963	9124033	8638691	8874229	2.74	cps
Indium	115-1	22470618	21581401	20735739	21595919	4.02	cps
Indium	115-2	2333894	2366724	2264319	2321646	2.25	cps
Iron	54-2	411	383	400	398	3.51	cps
Iron	56-2	2867	3200	3295	3121	7.20	cps
Iron	57-2	44	72	39	52	34.44	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P8
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:17:18 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	623	590	607	2.75	cps
Lead	206-1	950	939	972	954	1.78	cps
Lead	207-1	806	750	739	765	4.67	cps
Lead	208-1	3811	3828	3511	3717	4.80	cps
Lithium	6-1	13380882	13278100	12656220	13105067	2.99	cps
Magnesium	24-2	417	342	417	392	11.06	cps
Manganese	55-2	70	107	83	87	21.42	cps
Molybdenum	94-1	733	667	808	736	9.63	cps
Molybdenum	95-1	200	167	225	197	14.84	cps
Molybdenum	96-1	358	258	233	283	23.35	cps
Molybdenum	97-1	117	67	50	78	44.61	cps
Molybdenum	98-1	375	233	292	300	23.73	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	33	40	34	14.78	cps
Phosphorus	31-2	108	83	83	92	15.74	cps
Potassium	39-2	10738	10729	10771	10746	0.21	cps
Rhodium	103-1	21324979	19854445	19020122	20066515	5.82	cps
Rhodium	103-2	7672337	7808701	7424007	7635015	2.55	cps
Scandium	45-1	15918380	15805723	14708279	15477460	4.32	cps
Scandium	45-2	396811	399538	377533	391294	3.07	cps
Selenium	82-1	-5	-49	8	-15	-193.11	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	34	31	25	30	15.28	cps
Silicon	28-1	310016	302129	298903	303683	1.88	cps
Silver	107-1	233	200	242	225	9.80	cps
Silver	109-1	67	67	117	83	34.64	cps
Sodium	23-2	18087	17185	17386	17553	2.70	cps
Strontium	86-1	1192	1017	1092	1100	7.98	cps
Strontium	88-1	1092	750	1075	972	19.81	cps
Sulfur	34-1	504520	510495	512506	509174	0.82	cps
Terbium	159-1	26783086	27122200	25161771	26355686	3.98	cps
Terbium	159-2	8631023	8823472	8484304	8646266	1.97	cps
Thallium	203-1	675	658	583	639	7.64	cps
Thallium	205-1	1675	1508	1450	1545	7.56	cps
Tin	118-1	1033	1150	1125	1103	5.57	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:17:18	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	167	275	231	24.60	cps
Uranium	238-1	25	25	67	39	61.86	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Ytterbium	172-1	58	58	75	64	15.06	cps
Ytterbium	172-2	6	17	17	13	49.47	cps
Ytterbium	176-1	2925	3125	2625	2892	8.70	cps
Ytterbium	176-2	3267	3262	2634	3054	11.92	cps
Yttrium	89-1	36100755	35070170	32805710	34658879	4.86	cps
Yttrium	89-2	2815866	2826636	2669511	2770671	3.17	cps
Zinc	66-2	216	253	276	249	12.18	cps
Zirconium	90-1	1842	1942	1758	1847	4.97	cps
Zirconium	91-1	358	333	317	336	6.24	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:20:19 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1814	1680	1716	1737	3.98	cps
Antimony	121-1	17996	17587	18288	17957	1.96	cps
Arsenic	75-2	199	223	207	210	5.83	cps
Barium	135-1	22945	21893	21526	22121	3.33	cps
Barium	137-1	39434	38255	38564	38751	1.58	cps
Beryllium	9-1	3654	3616	3778	3682	2.30	cps
Bismuth	209-1	15165797	15880680	16010984	15685820	2.90	cps
Bismuth	209-2	6338216	6801868	6813556	6651213	4.08	cps
Boron	10-1	9961	11166	11376	10835	7.05	cps
Boron	11-1	47654	51632	53917	51068	6.21	cps
Bromine	81-1	8391	8732	8572	8565	1.99	cps
Cadmium	111-1	3497	3559	3774	3610	4.02	cps
Cadmium	106-1	9137	10796	10438	10123	8.63	cps
Cadmium	108-1	208	250	225	228	9.21	cps
Calcium	43-1	17500	17399	17478	17459	0.30	cps
Calcium	44-1	292961	291100	290340	291467	0.46	cps
Carbon	12-1	5556420	5531537	5487295	5525084	0.63	cps
Carbon	12-2	57814	57957	57036	57602	0.86	cps
Chlorine	35-1	560603	558091	555163	557952	0.49	cps
Chlorine	35-2	3150	3042	2867	3020	4.74	cps
Chromium	52-2	5531	5541	5648	5573	1.16	cps
Cobalt	59-2	4684	4671	4537	4631	1.75	cps
Copper	63-2	7385	7485	7599	7490	1.43	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	150	192	108	150	27.78	cps
Erbium	164-2	53	43	57	51	13.58	cps
Gadolinium	160-1	192	142	100	144	31.78	cps
Gadolinium	160-2	40	87	93	73	39.63	cps
Holmium	165-1	23805713	24896191	25461507	24721137	3.40	cps
Holmium	165-2	8468106	9515169	9141932	9041735	5.87	cps
Indium	115-1	19272380	21089518	20797433	20386444	4.79	cps
Indium	115-2	2296155	2376522	2312251	2328309	1.83	cps
Iron	54-2	5796	5668	5935	5799	2.30	cps
Iron	56-2	101212	98930	98577	99573	1.44	cps
Iron	57-2	2517	2384	2567	2489	3.81	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:20:19	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	620	573	613	602	4.19	cps
Lead	206-1	8125	7825	7897	7949	1.97	cps
Lead	207-1	7102	7052	6774	6976	2.53	cps
Lead	208-1	32722	32138	31282	32048	2.26	cps
Lithium	6-1	12349990	12981499	13158344	12829944	3.31	cps
Magnesium	24-2	104885	104457	105790	105044	0.65	cps
Manganese	55-2	1213	1217	1190	1207	1.20	cps
Molybdenum	94-1	20466	20716	19598	20260	2.90	cps
Molybdenum	95-1	24247	24673	23954	24291	1.49	cps
Molybdenum	96-1	26568	27052	27044	26888	1.03	cps
Molybdenum	97-1	15242	14925	15084	15084	1.05	cps
Molybdenum	98-1	38504	38730	37760	38331	1.32	cps
Neodymium	150-1	0	33	0	11	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1297	1247	1307	1283	2.51	cps
Phosphorus	31-2	100	100	108	103	4.68	cps
Potassium	39-2	70850	72776	72726	72117	1.52	cps
Rhodium	103-1	18191908	18877873	19518464	18862748	3.52	cps
Rhodium	103-2	7565237	7913001	7642460	7706899	2.37	cps
Scandium	45-1	14047861	15142091	15626443	14938799	5.41	cps
Scandium	45-2	382915	403785	402233	396311	2.93	cps
Selenium	82-1	926	1007	1005	979	4.70	cps
Selenium	77-2	23	20	23	22	8.65	cps
Selenium	78-2	68	85	93	82	15.57	cps
Silicon	28-1	376160	375291	378384	376612	0.42	cps
Silver	107-1	12056	12056	12006	12039	0.24	cps
Silver	109-1	11764	11005	11489	11419	3.37	cps
Sodium	23-2	218045	220736	219220	219334	0.62	cps
Strontium	86-1	4309	4734	4434	4493	4.86	cps
Strontium	88-1	30025	29816	29908	29916	0.35	cps
Sulfur	34-1	513719	518254	517800	516591	0.48	cps
Terbium	159-1	24634189	25650514	27023559	25769420	4.65	cps
Terbium	159-2	8354064	8920847	8803289	8692733	3.44	cps
Thallium	203-1	9829	9445	9546	9607	2.07	cps
Thallium	205-1	23814	23572	23622	23669	0.54	cps
Tin	118-1	39725	41087	39265	40026	2.37	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:20:19	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7594	8286	7519	7800	5.42	cps
Uranium	238-1	28240	28132	27163	27845	2.13	cps
Vanadium	51-2	9763	9660	9660	9694	0.62	cps
Ytterbium	172-1	67	75	50	64	19.92	cps
Ytterbium	172-2	17	33	28	26	32.72	cps
Ytterbium	176-1	2575	2617	3050	2748	9.58	cps
Ytterbium	176-2	2634	2578	2456	2556	3.56	cps
Yttrium	89-1	31256518	34135929	34530447	33307631	5.37	cps
Yttrium	89-2	2704768	2904691	2851156	2820205	3.67	cps
Zinc	66-2	1156	992	1123	1090	7.92	cps
Zirconium	90-1	18254	18296	18037	18196	0.76	cps
Zirconium	91-1	4084	3851	4067	4001	3.25	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BL	Instrumnet Name :	P8
Client Sample ID :	PB140060BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:23:22	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	116	112	110	6.44	cps
Antimony	121-1	75	67	158	100	50.69	cps
Arsenic	75-2	2	5	5	4	43.30	cps
Barium	135-1	200	150	117	156	26.96	cps
Barium	137-1	267	150	225	214	27.64	cps
Beryllium	9-1	52	48	30	43	27.05	cps
Bismuth	209-1	16049077	16017766	16384169	16150337	1.26	cps
Bismuth	209-2	6673271	6608873	6700512	6660885	0.71	cps
Boron	10-1	2538	2520	2242	2433	6.82	cps
Boron	11-1	11848	10800	10432	11027	6.67	cps
Bromine	81-1	8351	7229	8251	7944	7.81	cps
Cadmium	111-1	1033	1054	980	1022	3.74	cps
Cadmium	106-1	10371	10638	9754	10254	4.42	cps
Cadmium	108-1	29	38	29	32	15.05	cps
Calcium	43-1	390	326	376	364	9.22	cps
Calcium	44-1	17154	16856	16975	16995	0.88	cps
Carbon	12-1	5299483	5277317	5287981	5288260	0.21	cps
Carbon	12-2	54668	53899	55188	54585	1.19	cps
Chlorine	35-1	501787	503686	505374	503616	0.36	cps
Chlorine	35-2	2700	2967	2775	2814	4.89	cps
Chromium	52-2	750	750	717	739	2.61	cps
Cobalt	59-2	63	100	63	76	28.02	cps
Copper	63-2	753	783	583	707	15.26	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	158	108	200	156	29.50	cps
Erbium	164-2	53	67	33	51	32.83	cps
Gadolinium	160-1	175	150	158	161	7.90	cps
Gadolinium	160-2	43	30	63	46	36.83	cps
Holmium	165-1	25318035	25450329	25540678	25436347	0.44	cps
Holmium	165-2	8957400	9092538	9156801	9068913	1.12	cps
Indium	115-1	21038175	20642402	20701782	20794120	1.03	cps
Indium	115-2	2369901	2378657	2379223	2375927	0.22	cps
Iron	54-2	261	217	317	265	18.92	cps
Iron	56-2	1606	1989	1700	1765	11.32	cps
Iron	57-2	67	50	61	59	14.32	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BL	Instrumnet Name :	P8
Client Sample ID :	PB140060BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:23:22	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	630	570	602	5.02	cps
Lead	206-1	783	794	783	787	0.81	cps
Lead	207-1	722	650	667	680	5.56	cps
Lead	208-1	2972	2861	3367	3067	8.66	cps
Lithium	6-1	13047184	13357628	13227304	13210705	1.18	cps
Magnesium	24-2	242	233	217	231	5.52	cps
Manganese	55-2	37	77	73	62	35.67	cps
Molybdenum	94-1	675	608	592	625	7.06	cps
Molybdenum	95-1	50	58	50	53	9.11	cps
Molybdenum	96-1	175	225	217	206	13.03	cps
Molybdenum	97-1	17	17	33	22	43.28	cps
Molybdenum	98-1	42	133	75	83	55.68	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	37	33	23	31	22.31	cps
Phosphorus	31-2	33	92	142	89	61.00	cps
Potassium	39-2	10145	9537	10504	10062	4.86	cps
Rhodium	103-1	20128075	19382257	19795260	19768531	1.89	cps
Rhodium	103-2	7870259	7864623	7939010	7891297	0.52	cps
Scandium	45-1	15421536	15286481	15734974	15480997	1.49	cps
Scandium	45-2	396467	399586	403666	399906	0.90	cps
Selenium	82-1	-60	-7	37	-10	-473.12	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	17	25	18	20	21.79	cps
Silicon	28-1	289337	292822	292167	291442	0.64	cps
Silver	107-1	300	317	333	317	5.26	cps
Silver	109-1	192	208	133	178	22.15	cps
Sodium	23-2	17294	16677	16968	16980	1.82	cps
Strontium	86-1	1042	1117	1050	1070	3.84	cps
Strontium	88-1	767	658	617	681	11.38	cps
Sulfur	34-1	518247	519572	521355	519725	0.30	cps
Terbium	159-1	26672260	25962536	26660565	26431787	1.54	cps
Terbium	159-2	8812304	8841410	8640603	8764773	1.24	cps
Thallium	203-1	542	558	575	558	2.98	cps
Thallium	205-1	1575	1233	1267	1358	13.87	cps
Tin	118-1	1067	1192	908	1056	13.45	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BL	Instrumnet Name :	P8
Client Sample ID :	PB140060BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:23:22	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	125	183	161	19.58	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Ytterbium	172-1	42	67	42	50	28.87	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	3234	3084	3084	3134	2.76	cps
Ytterbium	176-2	2050	2272	2061	2128	5.89	cps
Yttrium	89-1	33776447	34229499	34602401	34202783	1.21	cps
Yttrium	89-2	2892272	2836807	2860828	2863302	0.97	cps
Zinc	66-2	223	130	193	182	26.23	cps
Zirconium	90-1	1875	1658	1825	1786	6.35	cps
Zirconium	91-1	333	275	408	339	19.72	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140060BS Instrumnet Name : P8
 Client Sample ID : PB140060BS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:26:22 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3007	2931	3027	2989	1.70	cps
Antimony	121-1	34954	34661	35472	35029	1.17	cps
Arsenic	75-2	460	453	398	437	7.77	cps
Barium	135-1	43362	45352	43964	44226	2.31	cps
Barium	137-1	75965	75871	75922	75919	0.06	cps
Beryllium	9-1	7404	7202	7210	7272	1.57	cps
Bismuth	209-1	16222555	15733275	16895026	16283619	3.58	cps
Bismuth	209-2	6556027	6497406	6741649	6598361	1.93	cps
Boron	10-1	18842	19717	21453	20004	6.64	cps
Boron	11-1	86375	92899	97898	92391	6.25	cps
Bromine	81-1	8391	7550	8291	8077	5.69	cps
Cadmium	111-1	6280	6403	6129	6271	2.19	cps
Cadmium	106-1	10254	10071	10754	10360	3.42	cps
Cadmium	108-1	483	400	438	440	9.48	cps
Calcium	43-1	33720	33749	33454	33641	0.48	cps
Calcium	44-1	555373	563501	560135	559670	0.73	cps
Carbon	12-1	5473190	5481145	5450748	5468361	0.29	cps
Carbon	12-2	56501	55865	57463	56610	1.42	cps
Chlorine	35-1	445048	436443	436762	439418	1.11	cps
Chlorine	35-2	2375	2267	2575	2406	6.50	cps
Chromium	52-2	11094	10671	10571	10779	2.58	cps
Cobalt	59-2	8693	9203	8896	8931	2.88	cps
Copper	63-2	13457	13967	13783	13736	1.88	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	192	125	150	156	21.65	cps
Erbium	164-2	57	63	50	57	11.76	cps
Gadolinium	160-1	108	150	208	156	32.29	cps
Gadolinium	160-2	57	60	70	62	11.15	cps
Holmium	165-1	25706796	24749825	26224578	25560400	2.93	cps
Holmium	165-2	8756152	8870879	9348278	8991770	3.49	cps
Indium	115-1	20488360	20054056	21311242	20617886	3.10	cps
Indium	115-2	2294979	2363909	2457052	2371980	3.43	cps
Iron	54-2	49241	46989	46821	47684	2.83	cps
Iron	56-2	851698	844380	846484	847521	0.44	cps
Iron	57-2	22090	20916	21199	21402	2.86	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BS	Instrumnet Name :	P8
Client Sample ID :	PB140060BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:26:22	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	600	580	647	609	5.62	cps
Lead	206-1	15165	14564	15554	15094	3.30	cps
Lead	207-1	13174	13107	13363	13214	1.00	cps
Lead	208-1	61832	60613	60221	60889	1.38	cps
Lithium	6-1	12926873	12692649	13419484	13013002	2.85	cps
Magnesium	24-2	207091	207785	212065	208980	1.29	cps
Manganese	55-2	2380	2350	2407	2379	1.19	cps
Molybdenum	94-1	37919	38404	38471	38265	0.79	cps
Molybdenum	95-1	47842	47222	46871	47312	1.04	cps
Molybdenum	96-1	55210	52784	52333	53442	2.90	cps
Molybdenum	97-1	30100	29390	29540	29677	1.26	cps
Molybdenum	98-1	75983	76436	76218	76212	0.30	cps
Neodymium	150-1	27	0	33	20	88.19	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2537	2620	2657	2605	2.36	cps
Phosphorus	31-2	92	92	67	83	17.32	cps
Potassium	39-2	131824	133077	135415	133439	1.37	cps
Rhodium	103-1	19433244	19251715	19963199	19549386	1.89	cps
Rhodium	103-2	7618148	7560372	7838561	7672360	1.91	cps
Scandium	45-1	15130344	14863839	15829554	15274579	3.27	cps
Scandium	45-2	386728	394604	412383	397905	3.30	cps
Selenium	82-1	1890	1941	1814	1881	3.41	cps
Selenium	77-2	43	43	50	46	8.45	cps
Selenium	78-2	161	152	149	154	4.05	cps
Silicon	28-1	460782	459670	458875	459776	0.21	cps
Silver	107-1	23529	23329	23813	23557	1.03	cps
Silver	109-1	22486	22561	23045	22697	1.34	cps
Sodium	23-2	418233	416701	418501	417812	0.23	cps
Strontium	86-1	7627	7944	8044	7872	2.76	cps
Strontium	88-1	59042	60398	58942	59461	1.37	cps
Sulfur	34-1	516517	511924	520439	516293	0.83	cps
Terbium	159-1	26065239	25115933	27341910	26174361	4.27	cps
Terbium	159-2	8606095	8623413	8700878	8643462	0.58	cps
Thallium	203-1	19065	17496	18447	18336	4.31	cps
Thallium	205-1	44485	42680	44059	43741	2.16	cps
Tin	118-1	78728	78065	76799	77864	1.26	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140060BS	Instrumnet Name :	P8
Client Sample ID :	PB140060BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:26:22	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15367	15509	15709	15528	1.11	cps
Uranium	238-1	54811	55589	54668	55023	0.90	cps
Vanadium	51-2	18739	19143	19637	19173	2.35	cps
Ytterbium	172-1	42	83	83	69	34.64	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	2934	3059	3167	3053	3.83	cps
Ytterbium	176-2	1872	1989	2139	2000	6.68	cps
Yttrium	89-1	34350450	33312130	35152864	34271815	2.69	cps
Yttrium	89-2	2726558	2765078	2904940	2798859	3.35	cps
Zinc	66-2	4348	4482	4310	4380	2.07	cps
Zirconium	90-1	33449	33934	33650	33678	0.72	cps
Zirconium	91-1	7652	7219	7586	7486	3.12	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140061BL Instrumnet Name : P8
 Client Sample ID : PB140061BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:29:25 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	109	86	99	11.71	cps
Antimony	121-1	92	108	125	108	15.38	cps
Arsenic	75-2	2	2	5	3	57.74	cps
Barium	135-1	175	150	183	169	10.24	cps
Barium	137-1	117	183	208	169	27.97	cps
Beryllium	9-1	20	50	48	39	42.64	cps
Bismuth	209-1	16206293	13346761	16326513	15293189	11.03	cps
Bismuth	209-2	6566297	6260475	6448699	6425157	2.40	cps
Boron	10-1	3990	3298	3058	3448	14.03	cps
Boron	11-1	17713	15465	14799	15992	9.55	cps
Bromine	81-1	7950	8131	8141	8074	1.33	cps
Cadmium	111-1	1014	833	975	941	10.11	cps
Cadmium	106-1	10488	8428	9704	9540	10.90	cps
Cadmium	108-1	79	38	42	53	43.48	cps
Calcium	43-1	358	391	332	360	8.18	cps
Calcium	44-1	17097	16608	16587	16764	1.72	cps
Carbon	12-1	5380451	5340691	5383469	5368204	0.44	cps
Carbon	12-2	54837	54401	55706	54981	1.21	cps
Chlorine	35-1	413891	405702	409824	409806	1.00	cps
Chlorine	35-2	2309	2142	2409	2286	5.89	cps
Chromium	52-2	743	690	740	724	4.12	cps
Cobalt	59-2	50	67	110	76	40.99	cps
Copper	63-2	773	657	683	704	8.68	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	158	117	142	139	15.10	cps
Erbium	164-2	33	53	53	47	24.75	cps
Gadolinium	160-1	108	108	192	136	35.35	cps
Gadolinium	160-2	63	47	53	54	15.40	cps
Holmium	165-1	25443058	21241639	25872209	24185635	10.58	cps
Holmium	165-2	8983667	8853553	9064018	8967079	1.18	cps
Indium	115-1	20892840	17051550	21391507	19778632	12.01	cps
Indium	115-2	2312112	2301002	2342775	2318630	0.93	cps
Iron	54-2	300	267	228	265	13.65	cps
Iron	56-2	1984	1728	1800	1837	7.17	cps
Iron	57-2	33	39	78	50	48.44	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140061BL Instrumnet Name : P8
 Client Sample ID : PB140061BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:29:25 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	583	760	600	648	15.06	cps
Lead	206-1	706	733	722	720	1.94	cps
Lead	207-1	706	561	783	683	16.50	cps
Lead	208-1	3089	2884	3334	3102	7.26	cps
Lithium	6-1	13086368	11235278	13344086	12555244	9.16	cps
Magnesium	24-2	192	208	175	192	8.69	cps
Manganese	55-2	50	63	50	54	14.14	cps
Molybdenum	94-1	600	575	558	578	3.63	cps
Molybdenum	95-1	58	33	83	58	42.86	cps
Molybdenum	96-1	258	108	142	169	46.48	cps
Molybdenum	97-1	17	83	17	39	98.97	cps
Molybdenum	98-1	83	83	92	86	5.58	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23	37	23	28	27.73	cps
Phosphorus	31-2	75	125	142	114	30.46	cps
Potassium	39-2	9653	9537	10379	9856	4.63	cps
Rhodium	103-1	19632455	16732570	20039108	18801377	9.59	cps
Rhodium	103-2	7578137	7627740	7839384	7681754	1.81	cps
Scandium	45-1	15277751	12745384	15345974	14456370	10.25	cps
Scandium	45-2	401469	388419	401999	397296	1.94	cps
Selenium	82-1	13	-75	-1	-21	-225.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	17	27	24	24.40	cps
Silicon	28-1	280868	296566	282522	286652	3.01	cps
Silver	107-1	308	292	375	325	13.57	cps
Silver	109-1	208	133	142	161	25.51	cps
Sodium	23-2	17102	16109	16718	16643	3.01	cps
Strontium	86-1	1075	1300	1050	1142	12.06	cps
Strontium	88-1	742	617	775	711	11.74	cps
Sulfur	34-1	521563	515183	515553	517433	0.69	cps
Terbium	159-1	26801635	21585215	26411280	24932710	11.65	cps
Terbium	159-2	8639873	8261873	8670823	8524190	2.67	cps
Thallium	203-1	442	517	450	469	8.76	cps
Thallium	205-1	1108	1117	1167	1131	2.79	cps
Tin	118-1	1100	1192	1183	1158	4.38	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BL	Instrumnet Name :	P8
Client Sample ID :	PB140061BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:29:25	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	133	258	175	41.24	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Ytterbium	172-1	42	33	83	53	50.76	cps
Ytterbium	172-2	17	17	22	19	17.30	cps
Ytterbium	176-1	3059	2250	3134	2814	17.41	cps
Ytterbium	176-2	1911	2078	1728	1906	9.19	cps
Yttrium	89-1	34008960	28546198	34676672	32410610	10.38	cps
Yttrium	89-2	2752027	2768007	2792178	2770737	0.73	cps
Zinc	66-2	206	196	173	192	8.97	cps
Zirconium	90-1	1842	1483	1750	1692	11.00	cps
Zirconium	91-1	208	392	367	322	30.85	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140061BS Instrumnet Name : P8
 Client Sample ID : PB140061BS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 13:32:26 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3067	3055	3082	3068	0.45	cps
Antimony	121-1	34870	35129	34828	34942	0.47	cps
Arsenic	75-2	455	413	452	440	5.32	cps
Barium	135-1	44951	43462	44315	44243	1.69	cps
Barium	137-1	77086	78110	77112	77436	0.75	cps
Beryllium	9-1	7260	7058	7464	7261	2.80	cps
Bismuth	209-1	16387159	15933334	15283690	15868061	3.50	cps
Bismuth	209-2	6789587	6758266	6307408	6618420	4.08	cps
Boron	10-1	18932	20981	22266	20727	8.11	cps
Boron	11-1	86485	95602	100343	94143	7.48	cps
Bromine	81-1	7991	8401	8171	8188	2.51	cps
Cadmium	111-1	6381	6515	5903	6266	5.13	cps
Cadmium	106-1	11305	9946	10329	10527	6.66	cps
Cadmium	108-1	400	454	425	426	6.36	cps
Calcium	43-1	33943	34115	34290	34116	0.51	cps
Calcium	44-1	562197	561289	558644	560710	0.33	cps
Carbon	12-1	5430152	5377450	5501009	5436204	1.14	cps
Carbon	12-2	57028	54870	57739	56546	2.64	cps
Chlorine	35-1	390009	388187	389457	389218	0.24	cps
Chlorine	35-2	2225	2300	2309	2278	2.01	cps
Chromium	52-2	10441	10401	11021	10621	3.27	cps
Cobalt	59-2	9293	9020	9326	9213	1.83	cps
Copper	63-2	14154	14231	14334	14239	0.64	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	142	175	150	156	11.15	cps
Erbium	164-2	47	47	50	48	4.02	cps
Gadolinium	160-1	183	183	183	183	0.00	cps
Gadolinium	160-2	67	40	47	51	27.15	cps
Holmium	165-1	26482583	24886677	24057423	25142227	4.90	cps
Holmium	165-2	9433506	9179632	8584588	9065909	4.81	cps
Indium	115-1	21226022	20779182	20134719	20713307	2.65	cps
Indium	115-2	2455802	2439020	2254154	2382992	4.70	cps
Iron	54-2	48070	48544	49413	48676	1.40	cps
Iron	56-2	841250	859773	871506	857509	1.78	cps
Iron	57-2	21060	21672	21305	21346	1.44	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BS	Instrumnet Name :	P8
Client Sample ID :	PB140061BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:32:26	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	673	567	628	8.76	cps
Lead	206-1	14770	16238	15409	15472	4.76	cps
Lead	207-1	13051	13318	12884	13085	1.67	cps
Lead	208-1	60780	62204	60935	61306	1.27	cps
Lithium	6-1	13461558	12952277	12829495	13081110	2.56	cps
Magnesium	24-2	208604	212317	215732	212218	1.68	cps
Manganese	55-2	2397	2320	2470	2396	3.13	cps
Molybdenum	94-1	40434	40702	39030	40056	2.24	cps
Molybdenum	95-1	49171	47950	46687	47936	2.59	cps
Molybdenum	96-1	54457	53161	52751	53456	1.67	cps
Molybdenum	97-1	29390	30192	28672	29418	2.58	cps
Molybdenum	98-1	75925	77291	75925	76381	1.03	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2547	2837	2837	2740	6.11	cps
Phosphorus	31-2	58	108	117	94	33.41	cps
Potassium	39-2	134045	135070	136088	135067	0.76	cps
Rhodium	103-1	20580238	19570101	19421760	19857367	3.17	cps
Rhodium	103-2	8253255	7918601	7523196	7898351	4.63	cps
Scandium	45-1	15967136	15177641	14857341	15334040	3.72	cps
Scandium	45-2	422054	401609	382581	402082	4.91	cps
Selenium	82-1	1939	1758	1982	1893	6.30	cps
Selenium	77-2	37	33	40	37	9.10	cps
Selenium	78-2	157	169	148	158	6.67	cps
Silicon	28-1	459296	461387	459710	460131	0.24	cps
Silver	107-1	23529	23888	22970	23462	1.97	cps
Silver	109-1	24088	23537	23496	23707	1.40	cps
Sodium	23-2	412421	420397	425867	419562	1.61	cps
Strontium	86-1	7919	7786	7711	7805	1.35	cps
Strontium	88-1	58306	60875	59093	59425	2.22	cps
Sulfur	34-1	521960	521257	522546	521921	0.12	cps
Terbium	159-1	27016723	26261524	24633282	25970510	4.69	cps
Terbium	159-2	9497392	8633103	8485381	8871958	6.16	cps
Thallium	203-1	18656	18514	18197	18455	1.27	cps
Thallium	205-1	43431	44335	44736	44168	1.51	cps
Tin	118-1	78745	77941	78711	78466	0.58	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140061BS	Instrumnet Name :	P8
Client Sample ID :	PB140061BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 13:32:26	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15584	15817	15250	15550	1.83	cps
Uranium	238-1	53983	56745	52409	54379	4.04	cps
Vanadium	51-2	19597	19520	19730	19616	0.54	cps
Ytterbium	172-1	108	50	42	67	54.49	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	3109	3184	2900	3064	4.79	cps
Ytterbium	176-2	2050	1750	1745	1848	9.46	cps
Yttrium	89-1	34784844	33518358	32661159	33654787	3.17	cps
Yttrium	89-2	3005884	2831014	2729538	2855478	4.90	cps
Zinc	66-2	4405	4710	4502	4539	3.43	cps
Zirconium	90-1	34493	34610	33374	34159	2.00	cps
Zirconium	91-1	7119	7686	7777	7527	4.74	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M3263-01 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT4-2021- Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 14:05:05 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	759	757	764	1.28	cps
Antimony	121-1	8520	8094	8044	8219	3.18	cps
Arsenic	75-2	96	100	97	98	2.13	cps
Barium	135-1	10304	10271	9662	10079	3.59	cps
Barium	137-1	17579	18271	17762	17871	2.01	cps
Beryllium	9-1	1660	1660	1670	1663	0.35	cps
Bismuth	209-1	15715313	15798788	15752976	15755692	0.27	cps
Bismuth	209-2	6402554	6492320	6450453	6448442	0.70	cps
Boron	10-1	4792	5198	5590	5193	7.68	cps
Boron	11-1	22082	23859	24656	23532	5.60	cps
Bromine	81-1	7780	7710	7730	7740	0.47	cps
Cadmium	111-1	2279	2301	2114	2231	4.58	cps
Cadmium	106-1	10304	10221	10212	10246	0.49	cps
Cadmium	108-1	163	179	129	157	16.22	cps
Calcium	43-1	8011	8079	8123	8071	0.70	cps
Calcium	44-1	141025	140715	140226	140656	0.29	cps
Carbon	12-1	5656382	5599076	5635249	5630236	0.51	cps
Carbon	12-2	59245	59111	57990	58782	1.17	cps
Chlorine	35-1	279391	279059	276914	278455	0.48	cps
Chlorine	35-2	1558	1258	1500	1439	11.06	cps
Chromium	52-2	3087	3094	3174	3118	1.55	cps
Cobalt	59-2	2094	2227	2100	2140	3.51	cps
Copper	63-2	4334	4451	4494	4426	1.87	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	150	183	142	158	13.92	cps
Erbium	164-2	40	73	43	52	35.15	cps
Gadolinium	160-1	183	317	217	239	29.05	cps
Gadolinium	160-2	87	83	73	81	8.56	cps
Holmium	165-1	25392611	24770444	25152912	25105322	1.25	cps
Holmium	165-2	8786261	8942623	8636770	8788551	1.74	cps
Indium	115-1	20763880	20962481	20275874	20667412	1.71	cps
Indium	115-2	2318168	2314210	2264413	2298930	1.30	cps
Iron	54-2	11788	11933	11816	11846	0.65	cps
Iron	56-2	210359	210307	212005	210890	0.46	cps
Iron	57-2	5712	5207	5551	5490	4.71	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M3263-01 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT4-2021- Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 14:05:05 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	673	617	583	624	7.29	cps
Lead	206-1	3945	3917	4045	3969	1.69	cps
Lead	207-1	3589	3767	3695	3684	2.43	cps
Lead	208-1	16199	16616	16238	16351	1.41	cps
Lithium	6-1	13282660	13322731	12970701	13192030	1.46	cps
Magnesium	24-2	48540	48498	48147	48395	0.45	cps
Manganese	55-2	647	527	603	592	10.26	cps
Molybdenum	94-1	9679	9612	9437	9576	1.30	cps
Molybdenum	95-1	11297	11238	11155	11230	0.63	cps
Molybdenum	96-1	13173	11664	12848	12562	6.33	cps
Molybdenum	97-1	7094	6043	6852	6663	8.26	cps
Molybdenum	98-1	17728	18046	17645	17806	1.19	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	607	647	633	629	3.24	cps
Phosphorus	31-2	125	58	125	103	37.45	cps
Potassium	39-2	39129	39104	38586	38939	0.79	cps
Rhodium	103-1	19504532	19770202	19781002	19685245	0.80	cps
Rhodium	103-2	7686864	7529234	7405332	7540477	1.87	cps
Scandium	45-1	15175649	15135467	15399039	15236718	0.93	cps
Scandium	45-2	398291	391085	373792	387723	3.25	cps
Selenium	82-1	352	381	429	387	10.01	cps
Selenium	77-2	0	17	3	7	132.33	cps
Selenium	78-2	61	49	58	56	11.15	cps
Silicon	28-1	327732	328341	328413	328162	0.11	cps
Silver	107-1	5335	5518	5801	5551	4.24	cps
Silver	109-1	4809	5159	5318	5096	5.11	cps
Sodium	23-2	110359	109620	111265	110415	0.75	cps
Strontium	86-1	2325	2600	2659	2528	7.04	cps
Strontium	88-1	14733	14266	13991	14330	2.62	cps
Sulfur	34-1	526700	527891	522978	525857	0.49	cps
Terbium	159-1	25284547	26668670	25905710	25952976	2.67	cps
Terbium	159-2	8570456	8562737	8090555	8407916	3.27	cps
Thallium	203-1	4801	4351	4067	4406	8.40	cps
Thallium	205-1	10496	10746	10296	10513	2.15	cps
Tin	118-1	19222	19072	19851	19382	2.13	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:05:05	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3767	3576	3651	3664	2.64	cps
Uranium	238-1	12590	13015	12573	12726	1.97	cps
Vanadium	51-2	4631	4664	4454	4583	2.46	cps
Ytterbium	172-1	100	75	58	78	26.97	cps
Ytterbium	172-2	28	0	11	13	107.86	cps
Ytterbium	176-1	2792	2617	2667	2692	3.35	cps
Ytterbium	176-2	3123	3223	3184	3176	1.59	cps
Yttrium	89-1	33288347	33708720	33553886	33516985	0.63	cps
Yttrium	89-2	2783572	2748048	2666648	2732756	2.19	cps
Zinc	66-2	552	595	649	599	8.09	cps
Zirconium	90-1	8903	8761	9053	8906	1.64	cps
Zirconium	91-1	1758	1984	1975	1906	6.70	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M3263-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-QT4-2021-07 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 14:08:06 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	812	771	829	804	3.69	cps
Antimony	121-1	7861	8053	8344	8086	3.01	cps
Arsenic	75-2	96	103	89	96	7.29	cps
Barium	135-1	10513	9937	10304	10251	2.84	cps
Barium	137-1	18305	18071	17929	18101	1.05	cps
Beryllium	9-1	1696	1802	1678	1725	3.88	cps
Bismuth	209-1	16245050	16494889	15806039	16181993	2.16	cps
Bismuth	209-2	6608026	6280974	6182418	6357139	3.50	cps
Boron	10-1	5408	5472	5948	5609	5.26	cps
Boron	11-1	24005	25515	26577	25365	5.10	cps
Bromine	81-1	8231	7890	8071	8064	2.11	cps
Cadmium	111-1	2351	2146	2325	2274	4.92	cps
Cadmium	106-1	10713	10287	9787	10262	4.52	cps
Cadmium	108-1	183	196	142	174	16.34	cps
Calcium	43-1	8151	7919	8239	8103	2.05	cps
Calcium	44-1	141392	140464	142736	141531	0.81	cps
Carbon	12-1	5638438	5598230	5623455	5620041	0.36	cps
Carbon	12-2	57672	58015	59412	58366	1.58	cps
Chlorine	35-1	273346	267257	271291	270631	1.14	cps
Chlorine	35-2	1467	1425	1358	1417	3.86	cps
Chromium	52-2	3114	3004	3160	3093	2.60	cps
Cobalt	59-2	1977	2150	2320	2149	7.99	cps
Copper	63-2	4551	4411	4371	4444	2.13	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	150	175	183	169	10.24	cps
Erbium	164-2	40	40	50	43	13.32	cps
Gadolinium	160-1	208	150	167	175	17.17	cps
Gadolinium	160-2	83	57	57	66	23.48	cps
Holmium	165-1	25371520	25271857	25395776	25346384	0.26	cps
Holmium	165-2	9046341	8822040	8567317	8811899	2.72	cps
Indium	115-1	20946452	21180446	20161307	20762735	2.57	cps
Indium	115-2	2373724	2225933	2236192	2278616	3.62	cps
Iron	54-2	12144	11805	11616	11855	2.26	cps
Iron	56-2	209450	211110	212356	210972	0.69	cps
Iron	57-2	5562	5507	5490	5520	0.69	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2021-07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:08:06	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	600	597	640	612	3.94	cps
Lead	206-1	4145	3723	4329	4066	7.64	cps
Lead	207-1	3867	3751	3767	3795	1.66	cps
Lead	208-1	16771	16193	17299	16755	3.30	cps
Lithium	6-1	12815004	13519752	12868982	13067913	3.00	cps
Magnesium	24-2	48247	48565	48431	48415	0.33	cps
Manganese	55-2	633	600	543	592	7.68	cps
Molybdenum	94-1	9420	9937	9187	9515	4.04	cps
Molybdenum	95-1	11088	11797	11180	11355	3.40	cps
Molybdenum	96-1	12022	12539	12689	12417	2.82	cps
Molybdenum	97-1	6727	6852	7127	6902	2.97	cps
Molybdenum	98-1	17712	17795	17904	17804	0.54	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	677	683	660	673	1.78	cps
Phosphorus	31-2	67	125	50	81	48.89	cps
Potassium	39-2	38611	38569	39404	38861	1.21	cps
Rhodium	103-1	19707610	19689638	19516461	19637903	0.54	cps
Rhodium	103-2	7813322	7349760	7306528	7489870	3.75	cps
Scandium	45-1	15234791	15231900	14896428	15121040	1.29	cps
Scandium	45-2	399239	386729	375219	387062	3.10	cps
Selenium	82-1	425	406	424	418	2.53	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	62	74	47	61	22.18	cps
Silicon	28-1	328550	324709	332404	328554	1.17	cps
Silver	107-1	5034	5251	5501	5262	4.44	cps
Silver	109-1	5018	4901	5676	5198	8.04	cps
Sodium	23-2	109746	109241	108922	109303	0.38	cps
Strontium	86-1	2517	2834	2525	2625	6.88	cps
Strontium	88-1	14399	14933	13824	14386	3.86	cps
Sulfur	34-1	530066	526267	524129	526821	0.57	cps
Terbium	159-1	25691983	26510935	25714212	25972377	1.80	cps
Terbium	159-2	8769949	8310852	8311892	8464231	3.13	cps
Thallium	203-1	4292	4776	4209	4426	6.92	cps
Thallium	205-1	11130	10530	11063	10908	3.02	cps
Tin	118-1	18355	18538	19539	18811	3.39	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3263-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2021-07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:08:06	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3534	3267	3817	3539	7.77	cps
Uranium	238-1	13382	13165	12907	13152	1.81	cps
Vanadium	51-2	4467	4507	4674	4550	2.41	cps
Ytterbium	172-1	50	42	67	53	24.12	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	2784	3342	2800	2975	10.68	cps
Ytterbium	176-2	2561	2734	2228	2508	10.25	cps
Yttrium	89-1	33713704	34200434	33128125	33680754	1.59	cps
Yttrium	89-2	2763197	2674488	2620720	2686135	2.68	cps
Zinc	66-2	616	652	655	641	3.37	cps
Zirconium	90-1	8970	8970	9428	9123	2.90	cps
Zirconium	91-1	1984	1817	2025	1942	5.68	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCV30 Instrumnet Name : P8
 Client Sample ID : CCV30 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 14:22:08 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3218563	3225019	3300736	3248106	1.41	cps
Antimony	121-1	4192811	4129755	4166472	4163012	0.76	cps
Arsenic	75-2	103928	104101	105814	104614	1.00	cps
Barium	135-1	5344938	5324069	5332614	5333874	0.20	cps
Barium	137-1	9280091	9166593	9318472	9255052	0.85	cps
Beryllium	9-1	1744777	1725552	1718613	1729647	0.78	cps
Bismuth	209-1	14688694	14574944	14439168	14567602	0.86	cps
Bismuth	209-2	6062710	5992361	5695881	5916984	3.29	cps
Boron	10-1	188408	197330	203179	196306	3.79	cps
Boron	11-1	854535	893343	875112	874330	2.22	cps
Bromine	81-1	7800	7349	7049	7400	5.11	cps
Cadmium	111-1	1129754	1118708	1129349	1125937	0.56	cps
Cadmium	106-1	140866	140960	139931	140586	0.40	cps
Cadmium	108-1	91426	90209	91401	91012	0.76	cps
Calcium	43-1	7995063	8079792	8173298	8082718	1.10	cps
Calcium	44-1	128921441	130960642	130719913	130200665	0.86	cps
Carbon	12-1	7368534	7672390	7821524	7620816	3.03	cps
Carbon	12-2	90009	90361	93958	91442	2.39	cps
Chlorine	35-1	265891	264143	264287	264774	0.37	cps
Chlorine	35-2	1542	1533	1650	1575	4.13	cps
Chromium	52-2	1161181	1154786	1168001	1161323	0.57	cps
Cobalt	59-2	2130924	2173205	2195277	2166468	1.51	cps
Copper	63-2	16199976	16157388	16318042	16225135	0.51	cps
Dysprosium	156-1	967	958	892	939	4.38	cps
Dysprosium	156-2	297	330	320	316	5.42	cps
Erbium	164-1	308	258	383	317	19.87	cps
Erbium	164-2	90	100	67	86	19.99	cps
Gadolinium	160-1	817	1075	1033	975	14.23	cps
Gadolinium	160-2	440	403	420	421	4.36	cps
Holmium	165-1	24854553	25300109	24852581	25002414	1.03	cps
Holmium	165-2	8988137	8747083	8565433	8766884	2.42	cps
Indium	115-1	19388182	19235292	19008427	19210634	0.99	cps
Indium	115-2	2194603	2178760	2068208	2147190	3.21	cps
Iron	54-2	12738878	12593017	12698107	12676667	0.59	cps
Iron	56-2	227397750	227502733	231104289	228668257	0.92	cps
Iron	57-2	5839088	5777888	5816688	5811221	0.53	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:22:08	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	593	653	602	7.85	cps
Lead	206-1	17992061	17966168	17757737	17905322	0.72	cps
Lead	207-1	15685183	15489979	15374625	15516596	1.01	cps
Lead	208-1	72143185	71424278	70999387	71522283	0.81	cps
Lithium	6-1	12320360	12328832	12121982	12257058	0.96	cps
Magnesium	24-2	50536263	50181340	50570644	50429415	0.43	cps
Manganese	55-2	5880361	5803832	5909131	5864441	0.93	cps
Molybdenum	94-1	9456029	9268593	9155153	9293258	1.64	cps
Molybdenum	95-1	11707785	11323580	11376101	11469155	1.82	cps
Molybdenum	96-1	12915017	12801599	12892028	12869548	0.47	cps
Molybdenum	97-1	7026186	6964276	7095587	7028683	0.93	cps
Molybdenum	98-1	18468421	18220487	18433123	18374010	0.73	cps
Neodymium	150-1	233	340	300	291	18.51	cps
Neodymium	150-2	20	13	30	21	39.75	cps
Nickel	60-2	545916	543852	554387	548052	1.02	cps
Phosphorus	31-2	33874	33047	33422	33448	1.24	cps
Potassium	39-2	15247316	15216749	15445927	15303331	0.81	cps
Rhodium	103-1	17397824	17603332	16915348	17305502	2.04	cps
Rhodium	103-2	6955755	6981326	6677425	6871502	2.45	cps
Scandium	45-1	14592745	14421592	14291841	14435392	1.05	cps
Scandium	45-2	388320	386662	375040	383341	1.89	cps
Selenium	82-1	88319	88766	88499	88528	0.25	cps
Selenium	77-2	2027	1877	1843	1916	5.10	cps
Selenium	78-2	6646	6442	6648	6579	1.80	cps
Silicon	28-1	3709342	3794922	3729284	3744516	1.20	cps
Silver	107-1	5829649	5865201	5728753	5807868	1.22	cps
Silver	109-1	5585119	5496136	5543676	5541644	0.80	cps
Sodium	23-2	97301908	95290221	96040246	96210792	1.06	cps
Strontium	86-1	15118625	14743744	14711653	14858008	1.52	cps
Strontium	88-1	131129957	127763799	127416545	128770100	1.59	cps
Sulfur	34-1	997189	994444	989976	993870	0.37	cps
Terbium	159-1	25865112	25355390	24914935	25378479	1.87	cps
Terbium	159-2	8698159	8575803	8100811	8458258	3.73	cps
Thallium	203-1	4480887	4455881	4313317	4416695	2.05	cps
Thallium	205-1	10633583	10474543	10359052	10489060	1.31	cps
Tin	118-1	3781187	3649383	3671633	3700734	1.91	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:22:08	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3769360	3620946	3683212	3691173	2.02	cps
Uranium	238-1	14401928	14509756	14191941	14367875	1.12	cps
Vanadium	51-2	937651	927418	936674	933914	0.60	cps
Ytterbium	172-1	33	50	67	50	33.34	cps
Ytterbium	172-2	22	22	50	31	50.95	cps
Ytterbium	176-1	21885	21084	21251	21407	1.98	cps
Ytterbium	176-2	8336	8153	8592	8360	2.64	cps
Yttrium	89-1	32459254	31889546	31747165	32031988	1.18	cps
Yttrium	89-2	2717153	2743354	2596300	2685602	2.92	cps
Zinc	66-2	1804310	1757668	1817900	1793293	1.76	cps
Zirconium	90-1	8181442	7998265	8115922	8098543	1.15	cps
Zirconium	91-1	1839950	1818517	1777251	1811906	1.76	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P8
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 14:32:07 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	130	144	126	16.15	cps
Antimony	121-1	392	367	350	369	5.68	cps
Arsenic	75-2	3	6	8	6	44.41	cps
Barium	135-1	133	133	117	128	7.53	cps
Barium	137-1	267	208	142	206	30.43	cps
Beryllium	9-1	92	74	50	72	29.26	cps
Bismuth	209-1	15962689	17349184	16037916	16449930	4.74	cps
Bismuth	209-2	6507793	6832755	6639032	6659860	2.45	cps
Boron	10-1	3736	3652	3526	3638	2.91	cps
Boron	11-1	17403	17008	15859	16757	4.79	cps
Bromine	81-1	7129	7700	7600	7476	4.08	cps
Cadmium	111-1	898	1084	948	977	9.86	cps
Cadmium	106-1	9128	10663	9679	9823	7.91	cps
Cadmium	108-1	63	46	58	56	15.62	cps
Calcium	43-1	457	415	409	427	6.16	cps
Calcium	44-1	17490	17444	16612	17182	2.88	cps
Carbon	12-1	5827503	6009621	6006872	5947999	1.75	cps
Carbon	12-2	63739	63831	64274	63948	0.45	cps
Chlorine	35-1	256664	258376	256159	257066	0.45	cps
Chlorine	35-2	1525	1492	1500	1506	1.15	cps
Chromium	52-2	730	673	667	690	5.04	cps
Cobalt	59-2	80	123	100	101	21.45	cps
Copper	63-2	783	700	930	804	14.48	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	125	158	192	158	21.05	cps
Erbium	164-2	57	47	63	56	15.09	cps
Gadolinium	160-1	175	200	192	189	6.74	cps
Gadolinium	160-2	57	43	37	46	22.36	cps
Holmium	165-1	25039283	27564288	25210593	25938055	5.44	cps
Holmium	165-2	8936065	9235786	9150927	9107593	1.70	cps
Indium	115-1	20227953	21870158	20561490	20886534	4.16	cps
Indium	115-2	2336434	2417803	2337096	2363778	1.98	cps
Iron	54-2	400	361	422	394	7.84	cps
Iron	56-2	2634	2945	4284	3288	26.68	cps
Iron	57-2	72	67	128	89	38.02	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:32:07	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	550	580	623	584	6.31	cps
Lead	206-1	1295	1017	1133	1148	12.15	cps
Lead	207-1	1050	961	1028	1013	4.57	cps
Lead	208-1	5017	4412	4545	4658	6.83	cps
Lithium	6-1	12382695	13948324	13280385	13203801	5.95	cps
Magnesium	24-2	383	492	642	506	25.66	cps
Manganese	55-2	117	127	143	129	10.45	cps
Molybdenum	94-1	825	867	717	803	9.65	cps
Molybdenum	95-1	350	258	142	250	41.77	cps
Molybdenum	96-1	517	375	325	406	24.52	cps
Molybdenum	97-1	133	150	125	136	9.35	cps
Molybdenum	98-1	617	450	333	467	30.51	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	23	20	30	24	20.83	cps
Phosphorus	31-2	50	100	133	94	44.41	cps
Potassium	39-2	10079	10162	10779	10340	3.70	cps
Rhodium	103-1	19299023	20562900	19882208	19914710	3.18	cps
Rhodium	103-2	7627565	7944086	7576579	7716077	2.58	cps
Scandium	45-1	14978994	16035710	15202665	15405790	3.61	cps
Scandium	45-2	391984	402102	387805	393964	1.87	cps
Selenium	82-1	-12	2	-75	-28	-144.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	13	12	16	40.77	cps
Silicon	28-1	297948	296213	292400	295521	0.96	cps
Silver	107-1	283	283	242	269	8.93	cps
Silver	109-1	133	192	150	158	18.97	cps
Sodium	23-2	17244	17002	17761	17336	2.24	cps
Strontium	86-1	1158	1258	1083	1167	7.53	cps
Strontium	88-1	2092	1942	1125	1720	30.26	cps
Sulfur	34-1	496195	502681	498639	499171	0.66	cps
Terbium	159-1	25733724	27593300	25718093	26348372	4.09	cps
Terbium	159-2	8732667	9164483	8544415	8813855	3.61	cps
Thallium	203-1	592	650	558	600	7.73	cps
Thallium	205-1	1475	1225	1350	1350	9.26	cps
Tin	118-1	1100	1200	983	1095	9.91	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 14:32:07	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	125	242	175	181	32.42	cps
Uranium	238-1	175	75	50	100	66.15	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Ytterbium	172-1	42	58	33	44	28.65	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	2692	3367	2784	2948	12.42	cps
Ytterbium	176-2	2022	2456	2400	2293	10.29	cps
Yttrium	89-1	33844637	36161679	33459745	34488687	4.24	cps
Yttrium	89-2	2796706	2849375	2737744	2794608	2.00	cps
Zinc	66-2	256	243	243	247	3.14	cps
Zirconium	90-1	1917	2059	1925	1967	4.04	cps
Zirconium	91-1	367	400	383	383	4.35	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:37:20 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472	471	517	487	5.41	cps
Antimony	121-1	2242	2184	2300	2242	2.60	cps
Arsenic	75-2	62	60	63	62	2.48	cps
Barium	135-1	2700	2500	2725	2642	4.67	cps
Barium	137-1	4401	5210	5143	4918	9.13	cps
Beryllium	9-1	970	956	860	929	6.45	cps
Bismuth	209-1	14114375	15581609	13321059	14339014	8.00	cps
Bismuth	209-2	6185098	6407364	6507182	6366548	2.59	cps
Boron	10-1	702	642	626	657	6.10	cps
Boron	11-1	3002	3148	3090	3080	2.39	cps
Bromine	81-1	7309	7299	7580	7396	2.15	cps
Cadmium	111-1	1374	1467	1456	1432	3.55	cps
Cadmium	106-1	8453	9429	7886	8589	9.09	cps
Cadmium	108-1	96	96	29	74	52.28	cps
Calcium	43-1	1825	1762	1610	1732	6.37	cps
Calcium	44-1	39109	38512	38646	38756	0.81	cps
Carbon	12-1	5093384	5040975	5112272	5082210	0.73	cps
Carbon	12-2	52570	51457	51391	51806	1.28	cps
Chlorine	35-1	193312	197400	193158	194623	1.24	cps
Chlorine	35-2	1000	1125	1183	1103	8.49	cps
Chromium	52-2	1293	1360	1293	1316	2.93	cps
Cobalt	59-2	1180	1150	1173	1168	1.35	cps
Copper	63-2	2320	2220	2354	2298	3.02	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	100	133	92	108	20.35	cps
Erbium	164-2	47	27	50	41	30.69	cps
Gadolinium	160-1	67	175	158	133	43.75	cps
Gadolinium	160-2	30	47	47	41	23.41	cps
Holmium	165-1	21782591	24418980	21330975	22510849	7.41	cps
Holmium	165-2	8643180	8688620	8904350	8745383	1.60	cps
Indium	115-1	17899656	20511760	17806663	18739360	8.19	cps
Indium	115-2	2205074	2269028	2343842	2272648	3.06	cps
Iron	54-2	1622	1489	1439	1517	6.25	cps
Iron	56-2	25189	26497	25668	25785	2.57	cps
Iron	57-2	717	661	733	704	5.37	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:37:20 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	557	637	627	10.46	cps
Lead	206-1	2306	2473	2445	2408	3.71	cps
Lead	207-1	2078	1967	2284	2109	7.62	cps
Lead	208-1	9635	9485	9679	9600	1.06	cps
Lithium	6-1	11553048	12614102	11106915	11758022	6.58	cps
Magnesium	24-2	5510	5501	5443	5485	0.66	cps
Manganese	55-2	523	600	700	608	14.58	cps
Molybdenum	94-1	2775	2434	2359	2523	8.81	cps
Molybdenum	95-1	1258	1267	975	1167	14.23	cps
Molybdenum	96-1	1517	1575	1725	1606	6.69	cps
Molybdenum	97-1	825	700	717	747	9.08	cps
Molybdenum	98-1	1959	1775	1809	1847	5.29	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	320	317	260	299	11.28	cps
Phosphorus	31-2	67	142	100	103	36.56	cps
Potassium	39-2	13123	13757	13148	13343	2.69	cps
Rhodium	103-1	16979377	19476496	16663524	17706466	8.70	cps
Rhodium	103-2	7244253	7513307	7519100	7425553	2.11	cps
Scandium	45-1	12987132	14724236	13472929	13728099	6.53	cps
Scandium	45-2	379175	383741	393025	385314	1.83	cps
Selenium	82-1	367	543	472	460	19.24	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	51	49	63	54	13.93	cps
Silicon	28-1	293641	293869	305940	297817	2.36	cps
Silver	107-1	2959	3159	3351	3156	6.21	cps
Silver	109-1	2742	2817	2675	2745	2.58	cps
Sodium	23-2	32537	32211	31802	32183	1.14	cps
Strontium	86-1	1675	1800	1942	1806	7.39	cps
Strontium	88-1	7569	7469	7427	7488	0.97	cps
Sulfur	34-1	501709	489278	488910	493299	1.48	cps
Terbium	159-1	22846963	25498383	21984891	23443412	7.81	cps
Terbium	159-2	8284574	8263661	8748343	8432193	3.25	cps
Thallium	203-1	2375	2292	2192	2286	4.02	cps
Thallium	205-1	6093	6093	5468	5885	6.13	cps
Tin	118-1	3009	3100	3042	3050	1.52	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:37:20	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	617	508	442	522	16.91	cps
Uranium	238-1	6985	6385	6660	6677	4.50	cps
Vanadium	51-2	497	490	457	481	4.45	cps
Ytterbium	172-1	75	67	42	61	28.38	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	2500	2625	2300	2475	6.62	cps
Ytterbium	176-2	2784	3112	3128	3008	6.46	cps
Yttrium	89-1	30344714	32862404	28812803	30673307	6.67	cps
Yttrium	89-2	2670094	2783022	2708846	2720654	2.11	cps
Zinc	66-2	392	412	412	406	2.86	cps
Zirconium	90-1	5460	5209	5585	5418	3.53	cps
Zirconium	91-1	1083	1325	1192	1200	10.09	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT3-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:40:20 DataFile Name : 036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1467	1470	1482	1473	0.55	cps
Antimony	121-1	17019	16502	17437	16986	2.76	cps
Arsenic	75-2	210	205	208	208	1.21	cps
Barium	135-1	21910	22403	21718	22010	1.60	cps
Barium	137-1	38255	38180	37470	37968	1.14	cps
Beryllium	9-1	3466	3652	3638	3585	2.89	cps
Bismuth	209-1	15975647	14907886	14967302	15283612	3.93	cps
Bismuth	209-2	6485598	6058591	6247524	6263904	3.42	cps
Boron	10-1	9371	10302	10442	10038	5.80	cps
Boron	11-1	42954	45834	47746	45511	5.30	cps
Bromine	81-1	7199	8101	7710	7670	5.89	cps
Cadmium	111-1	3696	3254	3394	3448	6.55	cps
Cadmium	106-1	9871	8628	9095	9198	6.82	cps
Cadmium	108-1	196	221	267	228	15.77	cps
Calcium	43-1	17072	17300	16741	17037	1.65	cps
Calcium	44-1	283194	286218	285956	285123	0.59	cps
Carbon	12-1	5030336	5065882	5065793	5054003	0.41	cps
Carbon	12-2	52779	54134	53866	53593	1.34	cps
Chlorine	35-1	197871	197018	197610	197500	0.22	cps
Chlorine	35-2	1167	1133	1000	1100	8.02	cps
Chromium	52-2	5528	5658	5685	5623	1.49	cps
Cobalt	59-2	4451	4551	4574	4525	1.45	cps
Copper	63-2	7312	7018	7075	7135	2.18	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	133	200	158	164	20.55	cps
Erbium	164-2	27	40	47	38	26.95	cps
Gadolinium	160-1	167	142	208	172	19.56	cps
Gadolinium	160-2	47	40	60	49	20.83	cps
Holmium	165-1	24948230	23980912	23582763	24170635	2.91	cps
Holmium	165-2	8746676	8528656	8663517	8646283	1.27	cps
Indium	115-1	20948338	19764908	19318156	20010467	4.21	cps
Indium	115-2	2355079	2270709	2244308	2290032	2.53	cps
Iron	54-2	5774	6218	5735	5909	4.55	cps
Iron	56-2	100166	99719	97575	99153	1.40	cps
Iron	57-2	2456	2367	2317	2380	2.96	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT3-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:40:20 DataFile Name : 036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	513	707	530	583	18.37	cps
Lead	206-1	7591	7702	7869	7721	1.81	cps
Lead	207-1	6774	7019	7019	6937	2.04	cps
Lead	208-1	30553	31410	31577	31180	1.76	cps
Lithium	6-1	13116070	12503903	12059720	12559898	4.22	cps
Magnesium	24-2	104115	102837	103744	103565	0.63	cps
Manganese	55-2	1227	1227	1273	1242	2.17	cps
Molybdenum	94-1	19214	19322	20065	19534	2.37	cps
Molybdenum	95-1	23696	22995	24272	23654	2.70	cps
Molybdenum	96-1	26075	27302	27311	26896	2.64	cps
Molybdenum	97-1	14883	15092	14742	14906	1.18	cps
Molybdenum	98-1	37159	38019	39022	38067	2.45	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1413	1280	1323	1339	5.08	cps
Phosphorus	31-2	75	75	75	75	0.00	cps
Potassium	39-2	72298	72792	70598	71896	1.60	cps
Rhodium	103-1	19172452	18615403	17976233	18588029	3.22	cps
Rhodium	103-2	7640727	7292631	7368331	7433896	2.46	cps
Scandium	45-1	14853622	14583987	14121979	14519863	2.55	cps
Scandium	45-2	387361	375646	378820	380609	1.59	cps
Selenium	82-1	1018	845	948	937	9.27	cps
Selenium	77-2	20	13	20	18	21.66	cps
Selenium	78-2	69	90	97	85	17.07	cps
Silicon	28-1	368801	370737	368301	369280	0.35	cps
Silver	107-1	11555	11730	11889	11725	1.42	cps
Silver	109-1	11005	11555	11238	11266	2.45	cps
Sodium	23-2	215266	215095	214775	215045	0.12	cps
Strontium	86-1	4434	4584	4342	4454	2.74	cps
Strontium	88-1	28897	30609	30409	29972	3.12	cps
Sulfur	34-1	495661	499896	500648	498735	0.54	cps
Terbium	159-1	24977092	24315149	24147405	24479882	1.79	cps
Terbium	159-2	8583996	8148075	8372422	8368164	2.61	cps
Thallium	203-1	8353	9220	9470	9014	6.51	cps
Thallium	205-1	21677	21502	22078	21752	1.36	cps
Tin	118-1	38103	39173	39458	38912	1.84	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:40:20	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7852	7410	7652	7638	2.90	cps
Uranium	238-1	26562	26512	26762	26612	0.50	cps
Vanadium	51-2	10110	9897	9597	9868	2.61	cps
Ytterbium	172-1	75	33	50	53	39.74	cps
Ytterbium	172-2	22	33	28	28	20.00	cps
Ytterbium	176-1	2784	2934	2450	2723	9.09	cps
Ytterbium	176-2	2661	2439	2367	2489	6.17	cps
Yttrium	89-1	33892666	31712235	31803712	32469538	3.80	cps
Yttrium	89-2	2736130	2662236	2707797	2702054	1.38	cps
Zinc	66-2	1140	1109	1079	1110	2.73	cps
Zirconium	90-1	17019	17820	18171	17670	3.34	cps
Zirconium	91-1	3417	3676	3867	3653	6.18	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:43:24 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	435	414	465	438	5.88	cps
Antimony	121-1	2000	2392	2209	2200	8.91	cps
Arsenic	75-2	72	58	65	65	10.77	cps
Barium	135-1	2867	2850	2734	2817	2.58	cps
Barium	137-1	4543	4951	5018	4837	5.32	cps
Beryllium	9-1	822	838	872	844	3.03	cps
Bismuth	209-1	15775022	14723971	15084901	15194632	3.51	cps
Bismuth	209-2	6378093	6330391	6177884	6295456	1.66	cps
Boron	10-1	1624	1544	1498	1555	4.10	cps
Boron	11-1	7144	6908	6628	6894	3.75	cps
Bromine	81-1	7760	7450	7560	7590	2.07	cps
Cadmium	111-1	1492	1364	1462	1440	4.65	cps
Cadmium	106-1	9445	8603	8670	8906	5.26	cps
Cadmium	108-1	104	125	54	94	38.54	cps
Calcium	43-1	1711	1681	1746	1712	1.90	cps
Calcium	44-1	37864	38399	38131	38131	0.70	cps
Carbon	12-1	5126450	5037673	5027318	5063814	1.08	cps
Carbon	12-2	50454	53021	51098	51524	2.59	cps
Chlorine	35-1	193345	187730	189883	190319	1.49	cps
Chlorine	35-2	967	1050	967	995	4.84	cps
Chromium	52-2	1387	1420	1323	1377	3.57	cps
Cobalt	59-2	1167	1180	1233	1193	2.96	cps
Copper	63-2	2280	2304	2290	2291	0.51	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	192	158	92	147	34.58	cps
Erbium	164-2	47	57	17	40	52.04	cps
Gadolinium	160-1	183	208	167	186	11.27	cps
Gadolinium	160-2	37	37	53	42	22.78	cps
Holmium	165-1	24378590	23523398	24656147	24186045	2.44	cps
Holmium	165-2	8934773	8712079	8679236	8775363	1.58	cps
Indium	115-1	19892642	20084130	20123112	20033295	0.62	cps
Indium	115-2	2306869	2243129	2254676	2268225	1.50	cps
Iron	54-2	1606	1467	1556	1543	4.56	cps
Iron	56-2	24727	26057	25211	25332	2.66	cps
Iron	57-2	700	589	611	633	9.28	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:43:24 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	577	580	603	587	2.48	cps
Lead	206-1	2689	2284	2339	2437	9.02	cps
Lead	207-1	2189	2034	2017	2080	4.57	cps
Lead	208-1	9957	9368	8996	9440	5.13	cps
Lithium	6-1	12432865	12165810	12523839	12374171	1.50	cps
Magnesium	24-2	5409	5293	5626	5443	3.11	cps
Manganese	55-2	610	580	590	593	2.57	cps
Molybdenum	94-1	2892	2584	2492	2656	7.89	cps
Molybdenum	95-1	1242	1133	1075	1150	7.35	cps
Molybdenum	96-1	1717	1734	1733	1728	0.56	cps
Molybdenum	97-1	758	558	767	694	16.98	cps
Molybdenum	98-1	1934	1775	1775	1828	5.00	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	327	337	353	339	3.98	cps
Phosphorus	31-2	200	108	108	139	38.10	cps
Potassium	39-2	13156	13640	13657	13484	2.11	cps
Rhodium	103-1	19045984	18604226	19042116	18897442	1.34	cps
Rhodium	103-2	7489468	7461778	7443943	7465063	0.31	cps
Scandium	45-1	15074501	14498011	14654301	14742271	2.02	cps
Scandium	45-2	387573	382126	381636	383778	0.86	cps
Selenium	82-1	423	459	415	432	5.39	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	69	54	65	63	12.39	cps
Silicon	28-1	285512	283145	277420	282026	1.48	cps
Silver	107-1	3167	2975	3459	3200	7.61	cps
Silver	109-1	2809	2900	3000	2903	3.30	cps
Sodium	23-2	28963	29380	29823	29389	1.46	cps
Strontium	86-1	1767	1517	1734	1672	8.12	cps
Strontium	88-1	7260	6994	7235	7163	2.06	cps
Sulfur	34-1	496045	499228	494905	496726	0.45	cps
Terbium	159-1	25009586	25065705	24895677	24990323	0.35	cps
Terbium	159-2	8411931	8318863	8210284	8313692	1.21	cps
Thallium	203-1	2375	2259	2400	2345	3.23	cps
Thallium	205-1	5693	5493	5518	5568	1.96	cps
Tin	118-1	2992	3267	3017	3092	4.92	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:43:24	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517	500	483	500	3.33	cps
Uranium	238-1	6777	6452	7077	6769	4.62	cps
Vanadium	51-2	487	397	447	443	10.17	cps
Ytterbium	172-1	42	83	67	64	32.83	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	2692	2709	2659	2686	0.95	cps
Ytterbium	176-2	1934	2139	1984	2019	5.31	cps
Yttrium	89-1	33819555	31858773	32029056	32569128	3.34	cps
Yttrium	89-2	2745884	2715471	2696445	2719267	0.92	cps
Zinc	66-2	332	366	369	355	5.68	cps
Zirconium	90-1	5635	5826	5159	5540	6.20	cps
Zirconium	91-1	1183	1192	1192	1189	0.40	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:46:24 DataFile Name : 038LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1551	1406	1397	1452	5.95	cps
Antimony	121-1	17136	17462	17220	17272	0.98	cps
Arsenic	75-2	202	237	242	227	9.60	cps
Barium	135-1	22402	21868	22327	22199	1.30	cps
Barium	137-1	38564	38012	36843	37806	2.32	cps
Beryllium	9-1	3508	3736	3612	3618	3.15	cps
Bismuth	209-1	15069833	14803342	15707515	15193563	3.06	cps
Bismuth	209-2	6206248	6088926	6112935	6136037	1.01	cps
Boron	10-1	9449	10178	10588	10071	5.73	cps
Boron	11-1	44149	47166	48608	46641	4.88	cps
Bromine	81-1	7931	8552	7320	7934	7.76	cps
Cadmium	111-1	3728	3596	3602	3642	2.04	cps
Cadmium	106-1	9612	9037	9512	9387	3.27	cps
Cadmium	108-1	263	267	250	260	3.34	cps
Calcium	43-1	16906	16589	16837	16777	1.00	cps
Calcium	44-1	283825	285757	281330	283637	0.78	cps
Carbon	12-1	5143638	5049516	5104154	5099103	0.93	cps
Carbon	12-2	51942	51482	52971	52132	1.46	cps
Chlorine	35-1	195336	192575	194899	194270	0.76	cps
Chlorine	35-2	1133	1142	1050	1108	4.57	cps
Chromium	52-2	5725	5868	5584	5726	2.48	cps
Cobalt	59-2	4571	4594	4177	4447	5.27	cps
Copper	63-2	7139	7065	7012	7072	0.90	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	142	133	158	144	8.81	cps
Erbium	164-2	33	67	50	50	33.34	cps
Gadolinium	160-1	125	117	167	136	19.68	cps
Gadolinium	160-2	43	40	57	47	18.90	cps
Holmium	165-1	23982467	23838271	25425946	24415561	3.60	cps
Holmium	165-2	8599236	8441876	8679864	8573659	1.41	cps
Indium	115-1	19702884	19448090	20519649	19890207	2.81	cps
Indium	115-2	2266654	2165081	2249060	2226931	2.44	cps
Iron	54-2	5801	5857	5601	5753	2.34	cps
Iron	56-2	98985	98489	98589	98688	0.27	cps
Iron	57-2	2684	2550	2650	2628	2.64	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:46:24 DataFile Name : 038LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	450	580	537	522	12.68	cps
Lead	206-1	7841	7613	7758	7738	1.49	cps
Lead	207-1	6841	6924	7119	6961	2.05	cps
Lead	208-1	31504	31360	31510	31458	0.27	cps
Lithium	6-1	12264285	12048755	13009333	12440791	4.05	cps
Magnesium	24-2	103636	104130	103669	103812	0.27	cps
Manganese	55-2	1253	1310	1180	1248	5.22	cps
Molybdenum	94-1	19556	19673	19598	19609	0.30	cps
Molybdenum	95-1	24255	23512	23212	23660	2.27	cps
Molybdenum	96-1	26067	26359	26017	26147	0.71	cps
Molybdenum	97-1	14833	14550	14266	14550	1.95	cps
Molybdenum	98-1	37718	38346	37686	37917	0.98	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1400	1343	1317	1353	3.14	cps
Phosphorus	31-2	58	75	92	75	22.23	cps
Potassium	39-2	70180	70682	72206	71022	1.49	cps
Rhodium	103-1	18454960	18356510	19286820	18699430	2.73	cps
Rhodium	103-2	7320373	7175415	7390962	7295583	1.51	cps
Scandium	45-1	14661136	14394196	15066192	14707175	2.30	cps
Scandium	45-2	372760	367821	378411	372997	1.42	cps
Selenium	82-1	1052	948	986	995	5.29	cps
Selenium	77-2	20	17	30	22	31.22	cps
Selenium	78-2	81	89	78	83	6.88	cps
Silicon	28-1	368974	369795	363849	367540	0.88	cps
Silver	107-1	11238	11805	12047	11697	3.55	cps
Silver	109-1	11071	11288	11222	11194	0.99	cps
Sodium	23-2	212506	211400	213676	212527	0.54	cps
Strontium	86-1	4376	4359	4117	4284	3.38	cps
Strontium	88-1	29941	29516	28304	29254	2.90	cps
Sulfur	34-1	499570	497636	496879	498028	0.28	cps
Terbium	159-1	24796094	23937956	25066594	24600215	2.40	cps
Terbium	159-2	8406273	8114881	8329046	8283400	1.82	cps
Thallium	203-1	9312	8862	9020	9065	2.52	cps
Thallium	205-1	21493	20867	21936	21432	2.50	cps
Tin	118-1	38254	39308	38697	38753	1.36	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:46:24	DataFile Name :	038LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7836	7594	7285	7572	3.64	cps
Uranium	238-1	27339	26386	25601	26442	3.29	cps
Vanadium	51-2	9747	9837	9407	9663	2.35	cps
Ytterbium	172-1	42	100	25	56	70.88	cps
Ytterbium	172-2	28	6	6	13	98.94	cps
Ytterbium	176-1	2542	2734	2892	2723	6.44	cps
Ytterbium	176-2	1861	1839	1845	1848	0.63	cps
Yttrium	89-1	32126369	30524836	33037745	31896316	3.99	cps
Yttrium	89-2	2677668	2589392	2744020	2670360	2.90	cps
Zinc	66-2	1006	989	1098	1031	5.65	cps
Zirconium	90-1	17228	17436	17203	17289	0.74	cps
Zirconium	91-1	3559	3726	3776	3687	3.08	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:49:27 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447	406	420	425	4.95	cps
Antimony	121-1	2117	2192	2184	2164	1.90	cps
Arsenic	75-2	59	60	58	59	1.69	cps
Barium	135-1	2767	2809	2617	2731	3.69	cps
Barium	137-1	4534	4584	4834	4651	3.46	cps
Beryllium	9-1	872	876	878	875	0.35	cps
Bismuth	209-1	13397654	15660608	15817493	14958585	9.05	cps
Bismuth	209-2	6051534	6377146	6619774	6349485	4.49	cps
Boron	10-1	1732	1604	1696	1677	3.94	cps
Boron	11-1	8087	7811	7232	7710	5.65	cps
Bromine	81-1	7650	7870	8051	7857	2.55	cps
Cadmium	111-1	1354	1526	1458	1446	6.00	cps
Cadmium	106-1	8119	9812	9395	9109	9.68	cps
Cadmium	108-1	113	108	75	99	20.84	cps
Calcium	43-1	1796	1710	1801	1769	2.89	cps
Calcium	44-1	38752	38124	38567	38481	0.84	cps
Carbon	12-1	5097533	5055405	5117958	5090299	0.63	cps
Carbon	12-2	51700	53632	52553	52628	1.84	cps
Chlorine	35-1	190669	189842	190194	190235	0.22	cps
Chlorine	35-2	1225	1192	1158	1192	2.80	cps
Chromium	52-2	1410	1300	1217	1309	7.41	cps
Cobalt	59-2	1177	1130	1070	1126	4.75	cps
Copper	63-2	2407	2350	2377	2378	1.19	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	150	167	142	153	8.33	cps
Erbium	164-2	50	33	43	42	19.87	cps
Gadolinium	160-1	125	142	158	142	11.77	cps
Gadolinium	160-2	63	27	60	50	40.55	cps
Holmium	165-1	21288667	24801139	24588101	23559302	8.36	cps
Holmium	165-2	8390913	8809775	9260556	8820415	4.93	cps
Indium	115-1	17633168	19939756	20566395	19379773	7.97	cps
Indium	115-2	2219807	2308508	2292401	2273572	2.08	cps
Iron	54-2	1645	1661	1617	1641	1.37	cps
Iron	56-2	26013	25773	25451	25746	1.10	cps
Iron	57-2	678	650	594	641	6.62	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:49:27 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	563	570	617	583	4.98	cps
Lead	206-1	2450	2284	2256	2330	4.52	cps
Lead	207-1	2167	2061	2006	2078	3.94	cps
Lead	208-1	9563	9435	9290	9429	1.44	cps
Lithium	6-1	11299033	12585809	12639746	12174862	6.23	cps
Magnesium	24-2	5651	5918	5510	5693	3.64	cps
Manganese	55-2	623	697	557	626	11.19	cps
Molybdenum	94-1	2575	2834	2567	2659	5.70	cps
Molybdenum	95-1	1233	1225	1042	1167	9.29	cps
Molybdenum	96-1	1667	1375	1667	1570	10.73	cps
Molybdenum	97-1	642	658	858	719	16.76	cps
Molybdenum	98-1	1825	2092	1800	1906	8.48	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	347	287	323	319	9.48	cps
Phosphorus	31-2	92	100	67	86	20.14	cps
Potassium	39-2	12914	13140	12798	12951	1.34	cps
Rhodium	103-1	16356827	19075149	19400861	18277613	9.14	cps
Rhodium	103-2	7307771	7523283	7634653	7488569	2.22	cps
Scandium	45-1	12997139	15004762	14714019	14238640	7.62	cps
Scandium	45-2	370024	388318	396003	384782	3.47	cps
Selenium	82-1	497	483	431	470	7.40	cps
Selenium	77-2	13	7	10	10	33.30	cps
Selenium	78-2	66	52	46	55	18.78	cps
Silicon	28-1	294244	284680	284911	287945	1.89	cps
Silver	107-1	3275	3592	3225	3364	5.91	cps
Silver	109-1	3134	2800	2992	2975	5.62	cps
Sodium	23-2	29606	28804	29071	29160	1.40	cps
Strontium	86-1	1792	1867	1625	1761	7.02	cps
Strontium	88-1	7010	6810	7269	7030	3.27	cps
Sulfur	34-1	487796	494909	500534	494413	1.29	cps
Terbium	159-1	21726702	25236676	25113847	24025742	8.29	cps
Terbium	159-2	8084077	8554324	8502699	8380367	3.08	cps
Thallium	203-1	2450	2192	2092	2245	8.24	cps
Thallium	205-1	5868	5318	5693	5626	5.00	cps
Tin	118-1	3017	3109	2967	3031	2.37	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:49:27	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	483	483	492	486	0.99	cps
Uranium	238-1	6585	6452	6760	6599	2.34	cps
Vanadium	51-2	477	433	413	441	7.34	cps
Ytterbium	172-1	50	108	50	69	48.50	cps
Ytterbium	172-2	11	39	33	28	52.92	cps
Ytterbium	176-1	2192	2617	2934	2581	14.42	cps
Ytterbium	176-2	1545	1795	1884	1741	10.09	cps
Yttrium	89-1	28685423	32815070	32649615	31383369	7.45	cps
Yttrium	89-2	2670626	2703320	2828783	2734243	3.05	cps
Zinc	66-2	352	389	343	361	6.79	cps
Zirconium	90-1	5668	5793	5476	5646	2.83	cps
Zirconium	91-1	1083	1117	1225	1142	6.49	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-11 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-05-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:52:28 DataFile Name : 040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1480	1472	1480	1477	0.29	cps
Antimony	121-1	17378	17078	17578	17345	1.45	cps
Arsenic	75-2	234	223	216	224	4.05	cps
Barium	135-1	21693	22110	22102	21968	1.09	cps
Barium	137-1	37570	37411	37311	37430	0.35	cps
Beryllium	9-1	3622	3624	3354	3533	4.40	cps
Bismuth	209-1	15546291	15316447	15035513	15299417	1.67	cps
Bismuth	209-2	6510040	6322506	6134854	6322467	2.97	cps
Boron	10-1	9885	10017	10916	10273	5.46	cps
Boron	11-1	43936	47250	48919	46702	5.43	cps
Bromine	81-1	7870	7610	7810	7764	1.76	cps
Cadmium	111-1	3501	3236	3305	3347	4.11	cps
Cadmium	106-1	9620	9470	9112	9401	2.78	cps
Cadmium	108-1	254	213	242	236	9.06	cps
Calcium	43-1	16670	16818	16702	16730	0.47	cps
Calcium	44-1	283660	282053	282419	282711	0.30	cps
Carbon	12-1	5120854	5115420	5131981	5122752	0.16	cps
Carbon	12-2	53682	52578	52871	53043	1.08	cps
Chlorine	35-1	193025	194883	196242	194716	0.83	cps
Chlorine	35-2	950	1175	1125	1083	10.91	cps
Chromium	52-2	5851	5471	5448	5590	4.05	cps
Cobalt	59-2	4587	4691	4284	4521	4.68	cps
Copper	63-2	7349	7065	7219	7211	1.97	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	167	125	183	158	18.98	cps
Erbium	164-2	40	30	43	38	18.36	cps
Gadolinium	160-1	92	108	150	117	25.76	cps
Gadolinium	160-2	67	50	37	51	29.41	cps
Holmium	165-1	24699142	23928041	24307794	24311659	1.59	cps
Holmium	165-2	9127025	8515098	8502204	8714776	4.10	cps
Indium	115-1	20616426	19773996	19367447	19919290	3.20	cps
Indium	115-2	2396415	2234918	2273890	2301741	3.66	cps
Iron	54-2	5596	5807	5612	5672	2.07	cps
Iron	56-2	98935	97716	97979	98210	0.65	cps
Iron	57-2	2623	2456	2511	2530	3.36	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-11 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-05-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:52:28 DataFile Name : 040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	540	593	590	574	5.20	cps
Lead	206-1	7386	7675	7869	7643	3.18	cps
Lead	207-1	7091	6913	6885	6963	1.60	cps
Lead	208-1	31132	30826	30759	30906	0.64	cps
Lithium	6-1	12630105	12624273	12310073	12521484	1.46	cps
Magnesium	24-2	104323	102686	105011	104006	1.15	cps
Manganese	55-2	1210	1307	1237	1251	3.99	cps
Molybdenum	94-1	19289	19998	18771	19353	3.18	cps
Molybdenum	95-1	23170	23020	22936	23042	0.51	cps
Molybdenum	96-1	26492	25950	26259	26234	1.04	cps
Molybdenum	97-1	14216	14691	14333	14413	1.72	cps
Molybdenum	98-1	37142	37159	36265	36855	1.39	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1270	1240	1300	1270	2.36	cps
Phosphorus	31-2	117	58	125	100	36.33	cps
Potassium	39-2	71201	71670	71083	71318	0.44	cps
Rhodium	103-1	18836196	18789179	18379634	18668336	1.35	cps
Rhodium	103-2	7831508	7213168	7340449	7461708	4.38	cps
Scandium	45-1	14574416	14578303	14682034	14611584	0.42	cps
Scandium	45-2	391721	376185	369741	379215	2.98	cps
Selenium	82-1	1078	962	943	995	7.34	cps
Selenium	77-2	30	17	30	26	30.11	cps
Selenium	78-2	90	92	92	91	1.26	cps
Silicon	28-1	369230	370855	368950	369678	0.28	cps
Silver	107-1	11797	11572	11614	11661	1.03	cps
Silver	109-1	11363	11372	11263	11333	0.53	cps
Sodium	23-2	215517	217106	217352	216658	0.46	cps
Strontium	86-1	4518	4609	4267	4465	3.96	cps
Strontium	88-1	30618	30058	28137	29604	4.39	cps
Sulfur	34-1	496136	488880	491102	492039	0.76	cps
Terbium	159-1	25360430	25187591	24624815	25057612	1.54	cps
Terbium	159-2	8875973	8435398	8263771	8525047	3.70	cps
Thallium	203-1	9546	9195	8853	9198	3.76	cps
Thallium	205-1	22069	20859	21994	21641	3.13	cps
Tin	118-1	39199	38421	38062	38561	1.51	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:52:28	DataFile Name :	040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7744	7627	8027	7800	2.64	cps
Uranium	238-1	26930	26044	27180	26718	2.23	cps
Vanadium	51-2	9597	9460	9463	9507	0.82	cps
Ytterbium	172-1	33	33	67	44	43.31	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	2800	2784	2492	2692	6.44	cps
Ytterbium	176-2	1800	1700	1745	1748	2.87	cps
Yttrium	89-1	32782177	32469291	30890883	32047450	3.16	cps
Yttrium	89-2	2857665	2725925	2672490	2752027	3.46	cps
Zinc	66-2	1133	1046	1084	1087	4.01	cps
Zirconium	90-1	17336	17361	16902	17200	1.50	cps
Zirconium	91-1	3667	3751	3984	3801	4.32	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140059BL Instrumnet Name : P8
 Client Sample ID : PB140059BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:55:32 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89	97	80	89	9.86	cps
Antimony	121-1	83	75	100	86	14.78	cps
Arsenic	75-2	1	4	4	3	57.74	cps
Barium	135-1	108	42	117	89	46.24	cps
Barium	137-1	125	100	117	114	11.18	cps
Beryllium	9-1	32	46	24	34	32.74	cps
Bismuth	209-1	15210984	15747073	15700420	15552826	1.91	cps
Bismuth	209-2	6199014	6157798	6711373	6356062	4.85	cps
Boron	10-1	1726	1676	1508	1636	6.98	cps
Boron	11-1	8217	7669	6876	7587	8.88	cps
Bromine	81-1	7370	7740	7780	7630	2.97	cps
Cadmium	111-1	836	990	948	925	8.60	cps
Cadmium	106-1	8645	9854	9420	9306	6.58	cps
Cadmium	108-1	58	29	21	36	54.53	cps
Calcium	43-1	331	328	314	325	2.70	cps
Calcium	44-1	15239	15420	15165	15275	0.86	cps
Carbon	12-1	4996489	4976788	4852789	4942022	1.58	cps
Carbon	12-2	51775	51131	51850	51586	0.77	cps
Chlorine	35-1	183282	185340	183923	184182	0.57	cps
Chlorine	35-2	1217	942	1117	1092	12.75	cps
Chromium	52-2	740	680	627	682	8.31	cps
Cobalt	59-2	67	63	60	63	5.27	cps
Copper	63-2	567	697	593	619	11.10	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	158	167	92	139	29.60	cps
Erbium	164-2	70	50	67	62	17.22	cps
Gadolinium	160-1	142	142	225	169	28.40	cps
Gadolinium	160-2	33	53	60	49	28.39	cps
Holmium	165-1	23636772	25057805	25199993	24631524	3.51	cps
Holmium	165-2	8507432	8653044	9335495	8831990	5.01	cps
Indium	115-1	19321853	20320164	20156476	19932831	2.69	cps
Indium	115-2	2202399	2213808	2462077	2292762	6.40	cps
Iron	54-2	306	283	261	283	7.84	cps
Iron	56-2	1789	1861	1939	1863	4.03	cps
Iron	57-2	94	61	39	65	43.14	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BL	Instrumnet Name :	P8
Client Sample ID :	PB140059BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:55:32	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	573	630	640	614	5.85	cps
Lead	206-1	700	700	644	682	4.71	cps
Lead	207-1	517	594	589	567	7.66	cps
Lead	208-1	2483	2639	2417	2513	4.54	cps
Lithium	6-1	12149035	12820710	12647465	12539070	2.78	cps
Magnesium	24-2	225	208	308	247	21.67	cps
Manganese	55-2	57	50	47	51	9.96	cps
Molybdenum	94-1	533	492	675	567	16.96	cps
Molybdenum	95-1	25	100	58	61	61.49	cps
Molybdenum	96-1	158	208	242	203	20.68	cps
Molybdenum	97-1	33	42	8	28	62.46	cps
Molybdenum	98-1	142	183	92	139	33.05	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	63	53	50	30.55	cps
Phosphorus	31-2	83	75	117	92	24.05	cps
Potassium	39-2	9728	9153	9745	9542	3.53	cps
Rhodium	103-1	18399882	19346143	19381863	19042629	2.92	cps
Rhodium	103-2	7247491	7117691	7923572	7429585	5.82	cps
Scandium	45-1	14202187	15040649	15041673	14761503	3.28	cps
Scandium	45-2	370457	374953	407569	384326	5.27	cps
Selenium	82-1	15	-21	-70	-25	-170.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	18	18	21	27.06	cps
Silicon	28-1	279825	275761	281810	279132	1.10	cps
Silver	107-1	233	333	283	283	17.65	cps
Silver	109-1	142	117	158	139	15.10	cps
Sodium	23-2	14875	15125	14216	14738	3.19	cps
Strontium	86-1	1050	917	1042	1003	7.45	cps
Strontium	88-1	725	742	817	761	6.42	cps
Sulfur	34-1	492556	504834	497077	498156	1.25	cps
Terbium	159-1	24483382	25253920	25155497	24964267	1.68	cps
Terbium	159-2	8238350	8323261	9078916	8546842	5.41	cps
Thallium	203-1	183	242	183	203	16.61	cps
Thallium	205-1	458	517	450	475	7.65	cps
Tin	118-1	1217	1250	1075	1181	7.87	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BL	Instrumnet Name :	P8
Client Sample ID :	PB140059BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:55:32	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	183	133	153	17.53	cps
Uranium	238-1	33	42	33	36	13.33	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	2500	3009	2484	2664	11.20	cps
Ytterbium	176-2	1695	1622	1783	1700	4.75	cps
Yttrium	89-1	32200875	33292149	33547949	33013657	2.17	cps
Yttrium	89-2	2666048	2673007	2912964	2750673	5.11	cps
Zinc	66-2	183	183	190	185	2.08	cps
Zirconium	90-1	1517	1708	1683	1636	6.37	cps
Zirconium	91-1	242	367	242	283	25.47	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140058BL Instrumnet Name : P8
 Client Sample ID : PB140058BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 15:58:33 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86	109	90	95	12.69	cps
Antimony	121-1	8	58	108	58	85.72	cps
Arsenic	75-2	2	3	3	3	21.65	cps
Barium	135-1	92	50	67	69	30.20	cps
Barium	137-1	92	117	100	103	12.39	cps
Beryllium	9-1	44	44	32	40	17.32	cps
Bismuth	209-1	15713730	15194508	14527978	15145405	3.92	cps
Bismuth	209-2	6291047	6111319	6302578	6234981	1.72	cps
Boron	10-1	1010	1008	884	967	7.46	cps
Boron	11-1	4408	4312	4468	4396	1.79	cps
Bromine	81-1	7359	7229	7360	7316	1.03	cps
Cadmium	111-1	865	904	829	866	4.31	cps
Cadmium	106-1	8761	8928	8203	8631	4.40	cps
Cadmium	108-1	33	38	17	29	37.79	cps
Calcium	43-1	303	296	323	307	4.62	cps
Calcium	44-1	15408	15497	15004	15303	1.72	cps
Carbon	12-1	4922231	4941566	4927819	4930539	0.20	cps
Carbon	12-2	51106	51783	51198	51363	0.72	cps
Chlorine	35-1	181105	181443	180515	181021	0.26	cps
Chlorine	35-2	1133	967	1000	1033	8.54	cps
Chromium	52-2	743	813	687	748	8.49	cps
Cobalt	59-2	50	80	73	68	23.24	cps
Copper	63-2	617	673	633	641	4.54	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	3	17	7	9	78.08	cps
Erbium	164-1	233	92	133	153	47.65	cps
Erbium	164-2	53	40	63	52	22.41	cps
Gadolinium	160-1	108	133	108	117	12.37	cps
Gadolinium	160-2	53	40	33	42	24.12	cps
Holmium	165-1	24794591	24407314	23000696	24067534	3.92	cps
Holmium	165-2	8650458	8726154	8890662	8755758	1.40	cps
Indium	115-1	20271862	19652742	18748468	19557691	3.92	cps
Indium	115-2	2290276	2241244	2309028	2280183	1.53	cps
Iron	54-2	294	206	356	285	26.45	cps
Iron	56-2	1739	1900	1700	1780	5.96	cps
Iron	57-2	67	28	61	52	40.56	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BL	Instrumnet Name :	P8
Client Sample ID :	PB140058BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:58:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	503	563	520	529	5.86	cps
Lead	206-1	628	556	733	639	13.99	cps
Lead	207-1	450	517	489	485	6.90	cps
Lead	208-1	2411	2322	2439	2391	2.55	cps
Lithium	6-1	12858195	12527532	11481156	12288961	5.85	cps
Magnesium	24-2	300	192	142	211	38.34	cps
Manganese	55-2	37	77	33	49	49.33	cps
Molybdenum	94-1	600	525	642	589	10.04	cps
Molybdenum	95-1	25	83	50	53	55.46	cps
Molybdenum	96-1	117	192	167	158	24.12	cps
Molybdenum	97-1	17	17	25	19	24.73	cps
Molybdenum	98-1	108	75	83	89	19.52	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	33	33	34	5.60	cps
Phosphorus	31-2	108	100	125	111	11.46	cps
Potassium	39-2	9478	9487	9970	9645	2.92	cps
Rhodium	103-1	18850385	18602737	17434314	18295812	4.13	cps
Rhodium	103-2	7476883	7242381	7383488	7367584	1.60	cps
Scandium	45-1	14800515	14798845	14112435	14570598	2.72	cps
Scandium	45-2	381239	374447	379151	378279	0.92	cps
Selenium	82-1	60	13	59	44	60.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	18	18	20	19	6.19	cps
Silicon	28-1	281071	278037	272805	277304	1.51	cps
Silver	107-1	217	192	167	192	13.04	cps
Silver	109-1	133	75	100	103	28.48	cps
Sodium	23-2	14941	14232	14157	14444	3.00	cps
Strontium	86-1	958	983	992	978	1.77	cps
Strontium	88-1	617	658	692	656	5.73	cps
Sulfur	34-1	497417	497005	493752	496058	0.40	cps
Terbium	159-1	25475626	24118610	23579260	24391166	4.01	cps
Terbium	159-2	8407149	8093730	8511531	8337470	2.61	cps
Thallium	203-1	125	175	258	186	36.19	cps
Thallium	205-1	525	492	583	533	8.70	cps
Tin	118-1	1100	1083	1008	1064	4.59	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BL	Instrumnet Name :	P8
Client Sample ID :	PB140058BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 15:58:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	233	225	206	20.00	cps
Uranium	238-1	17	50	33	33	50.00	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Ytterbium	172-1	75	42	0	39	96.62	cps
Ytterbium	172-2	22	17	6	15	57.25	cps
Ytterbium	176-1	2800	2625	2400	2609	7.69	cps
Ytterbium	176-2	1767	1617	1772	1719	5.14	cps
Yttrium	89-1	32832603	32601852	31200037	32211497	2.74	cps
Yttrium	89-2	2715621	2653630	2677434	2682229	1.17	cps
Zinc	66-2	226	196	170	198	14.38	cps
Zirconium	90-1	1717	1542	1725	1661	6.23	cps
Zirconium	91-1	317	300	283	300	5.56	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BS	Instrumnet Name :	P8
Client Sample ID :	PB140059BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:01:36	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	665447	661264	672718	666476	0.87	cps
Antimony	121-1	4329949	4346785	4277253	4317996	0.84	cps
Arsenic	75-2	105673	105237	104795	105235	0.42	cps
Barium	135-1	5492801	5447444	5346015	5428753	1.38	cps
Barium	137-1	9231004	9355838	9386959	9324601	0.89	cps
Beryllium	9-1	1796269	1739266	1785942	1773826	1.71	cps
Bismuth	209-1	14483592	14985967	15195446	14888335	2.46	cps
Bismuth	209-2	6051849	6047336	6179796	6092994	1.23	cps
Boron	10-1	187744	194589	205684	196006	4.62	cps
Boron	11-1	802866	875422	873844	850711	4.87	cps
Bromine	81-1	6759	7239	7309	7103	4.22	cps
Cadmium	111-1	1140865	1150250	1143112	1144743	0.43	cps
Cadmium	106-1	138982	138282	141099	139454	1.05	cps
Cadmium	108-1	90558	91162	91249	90990	0.41	cps
Calcium	43-1	1705575	1738882	1741526	1728661	1.16	cps
Calcium	44-1	27369245	26918624	27302849	27196906	0.89	cps
Carbon	12-1	7130086	7364516	7630092	7374898	3.39	cps
Carbon	12-2	83312	86738	87745	85932	2.70	cps
Chlorine	35-1	215924	214936	216441	215767	0.35	cps
Chlorine	35-2	1250	1208	1458	1306	10.26	cps
Chromium	52-2	1208474	1200734	1196751	1201987	0.50	cps
Cobalt	59-2	2282441	2262405	2217177	2254008	1.48	cps
Copper	63-2	16938194	16702181	16712051	16784142	0.80	cps
Dysprosium	156-1	300	167	358	275	35.73	cps
Dysprosium	156-2	93	100	103	99	5.14	cps
Erbium	164-1	225	183	242	217	13.87	cps
Erbium	164-2	77	63	50	63	21.06	cps
Gadolinium	160-1	450	450	350	417	13.86	cps
Gadolinium	160-2	150	153	157	153	2.17	cps
Holmium	165-1	23944772	24125578	24979377	24349909	2.27	cps
Holmium	165-2	8655371	8769027	8751239	8725212	0.70	cps
Indium	115-1	18968803	19424032	19744135	19378990	2.01	cps
Indium	115-2	2252435	2174847	2188217	2205167	1.88	cps
Iron	54-2	2722784	2722351	2722271	2722469	0.01	cps
Iron	56-2	47468833	47862665	47196425	47509308	0.71	cps
Iron	57-2	1169646	1164920	1188512	1174359	1.06	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BS	Instrumnet Name :	P8
Client Sample ID :	PB140059BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:01:36	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	557	607	600	6.74	cps
Lead	206-1	18199101	18879143	18337407	18471884	1.95	cps
Lead	207-1	15931080	15994347	15691530	15872319	1.01	cps
Lead	208-1	73442137	73843751	73201926	73495938	0.44	cps
Lithium	6-1	12034671	12072031	12465114	12190605	1.96	cps
Magnesium	24-2	10490739	10541007	10586217	10539321	0.45	cps
Manganese	55-2	5810784	5778333	5758442	5782520	0.46	cps
Molybdenum	94-1	9580333	9553300	9532065	9555233	0.25	cps
Molybdenum	95-1	11859209	11698538	11666317	11741355	0.88	cps
Molybdenum	96-1	13059328	12988177	12773151	12940219	1.15	cps
Molybdenum	97-1	7241784	7116106	7133249	7163713	0.95	cps
Molybdenum	98-1	18685182	18634955	18663463	18661200	0.13	cps
Neodymium	150-1	347	320	340	336	4.14	cps
Neodymium	150-2	37	50	20	36	42.27	cps
Nickel	60-2	587918	594617	585678	589404	0.79	cps
Phosphorus	31-2	33715	33113	33439	33423	0.90	cps
Potassium	39-2	3090289	3129243	3182358	3133963	1.47	cps
Rhodium	103-1	17471575	17813462	18427951	17904330	2.71	cps
Rhodium	103-2	7124114	7047592	7141197	7104301	0.70	cps
Scandium	45-1	14132589	14514291	14621460	14422780	1.78	cps
Scandium	45-2	373634	370598	373795	372676	0.48	cps
Selenium	82-1	90322	89043	89191	89518	0.78	cps
Selenium	77-2	1900	2010	1980	1963	2.90	cps
Selenium	78-2	6732	6846	6793	6791	0.84	cps
Silicon	28-1	3733438	3822434	3806366	3787413	1.25	cps
Silver	107-1	5912832	5927917	5889773	5910174	0.33	cps
Silver	109-1	5601707	5647831	5745117	5664885	1.29	cps
Sodium	23-2	20038169	19911045	20369840	20106351	1.18	cps
Strontium	86-1	15220344	15155868	14982886	15119699	0.81	cps
Strontium	88-1	132945203	132149045	129279045	131457764	1.47	cps
Sulfur	34-1	989162	991840	961196	980733	1.73	cps
Terbium	159-1	24271902	24862658	25298870	24811144	2.08	cps
Terbium	159-2	8209408	8323589	8292968	8275322	0.71	cps
Thallium	203-1	4422002	4604836	4567607	4531482	2.13	cps
Thallium	205-1	10575167	10543248	10669564	10595993	0.62	cps
Tin	118-1	3812106	3850768	3774143	3812339	1.00	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140059BS	Instrumnet Name :	P8
Client Sample ID :	PB140059BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:01:36	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3835380	3816655	3828960	3826998	0.25	cps
Uranium	238-1	13890346	14144818	14055304	14030156	0.92	cps
Vanadium	51-2	954829	943825	948450	949035	0.58	cps
Ytterbium	172-1	25	58	75	53	48.24	cps
Ytterbium	172-2	39	33	17	30	39.02	cps
Ytterbium	176-1	20942	20575	20859	20792	0.93	cps
Ytterbium	176-2	8381	7869	7858	8036	3.72	cps
Yttrium	89-1	30695495	32108623	31909447	31571188	2.42	cps
Yttrium	89-2	2668662	2661687	2683827	2671392	0.42	cps
Zinc	66-2	1961468	1886236	1907771	1918492	2.02	cps
Zirconium	90-1	8119549	8245109	8248054	8204237	0.89	cps
Zirconium	91-1	1862689	1862882	1856643	1860738	0.19	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB140058BS Instrumnet Name : P8
 Client Sample ID : PB140058BS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:04:29 DataFile Name : 044LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	666319	670925	658698	665314	0.93	cps
Antimony	121-1	4412256	4394650	4347922	4384943	0.76	cps
Arsenic	75-2	104387	104273	104104	104255	0.14	cps
Barium	135-1	5562486	5493471	5565893	5540617	0.74	cps
Barium	137-1	9689825	9516516	9477821	9561387	1.18	cps
Beryllium	9-1	1806931	1756530	1731376	1764946	2.18	cps
Bismuth	209-1	13214952	15269051	16166051	14883351	10.16	cps
Bismuth	209-2	5823059	5832028	6322703	5992597	4.77	cps
Boron	10-1	206056	211677	216091	211275	2.38	cps
Boron	11-1	899978	937956	950008	929314	2.81	cps
Bromine	81-1	7380	7299	7310	7330	0.60	cps
Cadmium	111-1	1176478	1160149	1153637	1163421	1.01	cps
Cadmium	106-1	143054	140059	141943	141685	1.07	cps
Cadmium	108-1	91631	92705	91086	91807	0.90	cps
Calcium	43-1	1741679	1710098	1693858	1715212	1.42	cps
Calcium	44-1	27846062	26820165	27034720	27233649	1.99	cps
Carbon	12-1	7527575	7733250	7860723	7707183	2.18	cps
Carbon	12-2	85908	87787	91015	88237	2.93	cps
Chlorine	35-1	214082	211688	214269	213347	0.67	cps
Chlorine	35-2	1200	1142	1342	1228	8.38	cps
Chromium	52-2	1207376	1199183	1179917	1195492	1.18	cps
Cobalt	59-2	2242417	2268384	2249619	2253474	0.59	cps
Copper	63-2	16656241	16533499	16886467	16692069	1.07	cps
Dysprosium	156-1	292	267	233	264	11.09	cps
Dysprosium	156-2	93	87	100	93	7.14	cps
Erbium	164-1	200	283	242	242	17.24	cps
Erbium	164-2	67	57	60	61	8.33	cps
Gadolinium	160-1	283	408	342	344	18.16	cps
Gadolinium	160-2	120	140	157	139	13.22	cps
Holmium	165-1	21704759	24791697	25995170	24163876	9.16	cps
Holmium	165-2	8378592	8258970	9107759	8581774	5.35	cps
Indium	115-1	17213971	19550868	20737221	19167353	9.35	cps
Indium	115-2	2094778	2049579	2298493	2147617	6.17	cps
Iron	54-2	2680892	2702902	2679147	2687647	0.49	cps
Iron	56-2	46947818	47333248	47175229	47152098	0.41	cps
Iron	57-2	1178180	1186565	1166506	1177084	0.86	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BS	Instrumnet Name :	P8
Client Sample ID :	PB140058BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:04:29	DataFile Name :	044LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	543	587	582	6.33	cps
Lead	206-1	18719059	18958350	18655330	18777580	0.85	cps
Lead	207-1	15992716	16523608	16194247	16236857	1.65	cps
Lead	208-1	74423999	75926182	74940563	75096915	1.02	cps
Lithium	6-1	11051757	11907623	12747588	11902322	7.12	cps
Magnesium	24-2	10693041	10588112	10493588	10591580	0.94	cps
Manganese	55-2	5747683	5692072	5597911	5679222	1.33	cps
Molybdenum	94-1	9843120	9551499	9300135	9564918	2.84	cps
Molybdenum	95-1	11873145	11654943	11508642	11678910	1.57	cps
Molybdenum	96-1	13192948	12985196	12937875	13038673	1.04	cps
Molybdenum	97-1	7326310	7239767	7275364	7280480	0.60	cps
Molybdenum	98-1	19036429	18699169	18983489	18906362	0.96	cps
Neodymium	150-1	340	353	313	336	6.07	cps
Neodymium	150-2	37	40	40	39	4.94	cps
Nickel	60-2	584043	580715	585009	583255	0.39	cps
Phosphorus	31-2	33481	33840	33272	33531	0.86	cps
Potassium	39-2	3123850	3128434	3175958	3142747	0.92	cps
Rhodium	103-1	16390288	18329074	19594047	18104470	8.91	cps
Rhodium	103-2	6666451	6676830	7411073	6918118	6.17	cps
Scandium	45-1	12640741	14270171	15511106	14140673	10.18	cps
Scandium	45-2	357336	349688	391087	366037	6.02	cps
Selenium	82-1	90794	89679	89592	90022	0.74	cps
Selenium	77-2	2094	2067	1984	2048	2.80	cps
Selenium	78-2	6650	6855	6880	6795	1.86	cps
Silicon	28-1	3772354	3792036	3855807	3806732	1.15	cps
Silver	107-1	6116945	6131346	5845418	6031237	2.67	cps
Silver	109-1	5720728	5684199	5736097	5713675	0.47	cps
Sodium	23-2	20121761	20041510	19905459	20022910	0.55	cps
Strontium	86-1	15405478	15408209	15552715	15455468	0.54	cps
Strontium	88-1	132195157	133002732	132514745	132570878	0.31	cps
Sulfur	34-1	967584	929216	935001	943934	2.19	cps
Terbium	159-1	22300758	25096894	26868980	24755544	9.30	cps
Terbium	159-2	7948436	7838251	8592062	8126249	5.01	cps
Thallium	203-1	4611824	4503024	4546124	4553657	1.20	cps
Thallium	205-1	10926546	10723670	10728517	10792911	1.07	cps
Tin	118-1	3879187	3783826	3775769	3812927	1.51	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB140058BS	Instrumnet Name :	P8
Client Sample ID :	PB140058BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:04:29	DataFile Name :	044LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3787701	3743637	3805766	3779035	0.85	cps
Uranium	238-1	14634214	13930547	14241365	14268709	2.47	cps
Vanadium	51-2	950738	953382	952182	952100	0.14	cps
Ytterbium	172-1	25	75	67	56	48.22	cps
Ytterbium	172-2	17	33	39	30	39.02	cps
Ytterbium	176-1	20959	20675	20316	20650	1.56	cps
Ytterbium	176-2	7986	8864	8203	8351	5.48	cps
Yttrium	89-1	27953662	32155430	34208331	31439141	10.14	cps
Yttrium	89-2	2493192	2539852	2783705	2605583	5.99	cps
Zinc	66-2	1929012	1893171	1904321	1908835	0.96	cps
Zirconium	90-1	8148722	8161043	8048771	8119512	0.76	cps
Zirconium	91-1	1874693	1830948	1810320	1838654	1.79	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCV31 Instrumnet Name : P8
 Client Sample ID : CCV31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:12:48 DataFile Name : 046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3270315	3333901	3317735	3307317	1.00	cps
Antimony	121-1	4030016	4126342	4136335	4097564	1.43	cps
Arsenic	75-2	105035	106218	106041	105765	0.60	cps
Barium	135-1	5144886	5197816	5277035	5206579	1.28	cps
Barium	137-1	8984171	8912832	9031333	8976112	0.66	cps
Beryllium	9-1	1679478	1671148	1695478	1682035	0.74	cps
Bismuth	209-1	13843193	14256425	13663559	13921059	2.18	cps
Bismuth	209-2	6073611	5721900	5671006	5822172	3.77	cps
Boron	10-1	201349	204668	214319	206779	3.26	cps
Boron	11-1	874883	883425	917958	892089	2.56	cps
Bromine	81-1	7710	7069	7279	7353	4.44	cps
Cadmium	111-1	1126563	1100708	1115368	1114213	1.16	cps
Cadmium	106-1	135209	138358	137155	136907	1.16	cps
Cadmium	108-1	85844	89484	90981	88770	2.98	cps
Calcium	43-1	7988566	7959187	8038684	7995479	0.50	cps
Calcium	44-1	128473844	128603349	128487190	128521461	0.06	cps
Carbon	12-1	7343619	7616458	7852776	7604284	3.35	cps
Carbon	12-2	90697	91568	92314	91526	0.88	cps
Chlorine	35-1	220628	215690	219841	218719	1.21	cps
Chlorine	35-2	1333	1308	1275	1306	2.24	cps
Chromium	52-2	1174337	1164327	1188313	1175659	1.02	cps
Cobalt	59-2	2183685	2152970	2118331	2151662	1.52	cps
Copper	63-2	16352585	16270920	16579458	16400987	0.97	cps
Dysprosium	156-1	750	833	900	828	9.08	cps
Dysprosium	156-2	320	283	343	316	9.58	cps
Erbium	164-1	242	325	283	283	14.70	cps
Erbium	164-2	90	93	107	97	9.13	cps
Gadolinium	160-1	933	917	1083	978	9.39	cps
Gadolinium	160-2	373	347	387	369	5.52	cps
Holmium	165-1	24499706	24519367	22821428	23946834	4.07	cps
Holmium	165-2	9048022	8814781	8788810	8883871	1.61	cps
Indium	115-1	18923873	19149811	18524546	18866077	1.68	cps
Indium	115-2	2235443	2222276	2143337	2200352	2.26	cps
Iron	54-2	12828857	12735788	12829898	12798181	0.42	cps
Iron	56-2	230591633	230700805	228510933	229934457	0.54	cps
Iron	57-2	5731707	5869875	5756203	5785928	1.27	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:12:48	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	653	627	627	636	2.42	cps
Lead	206-1	17012318	17220989	17363229	17198845	1.03	cps
Lead	207-1	14972761	15218540	15234121	15141808	0.97	cps
Lead	208-1	67933957	69606613	69807659	69116076	1.49	cps
Lithium	6-1	11770766	11988341	11357122	11705410	2.74	cps
Magnesium	24-2	51501388	51856540	50831120	51396349	1.01	cps
Manganese	55-2	5916667	5954062	5936794	5935841	0.32	cps
Molybdenum	94-1	9265024	9463899	9359061	9362661	1.06	cps
Molybdenum	95-1	11480497	11522191	11654298	11552329	0.79	cps
Molybdenum	96-1	12678849	12555484	13106358	12780230	2.26	cps
Molybdenum	97-1	6741332	6859967	7069914	6890404	2.41	cps
Molybdenum	98-1	18113260	18141800	17902899	18052653	0.72	cps
Neodymium	150-1	207	193	233	211	9.65	cps
Neodymium	150-2	10	20	27	19	44.42	cps
Nickel	60-2	556355	553132	553043	554176	0.34	cps
Phosphorus	31-2	31418	33138	32621	32392	2.73	cps
Potassium	39-2	15352354	15468660	15689564	15503526	1.10	cps
Rhodium	103-1	16622395	17268908	16327936	16739746	2.88	cps
Rhodium	103-2	7062452	6872686	6601603	6845580	3.38	cps
Scandium	45-1	14321159	14287841	13567720	14058907	3.03	cps
Scandium	45-2	389979	386079	375506	383855	1.95	cps
Selenium	82-1	87173	87276	88637	87695	0.93	cps
Selenium	77-2	2037	2104	1940	2027	4.05	cps
Selenium	78-2	6636	6720	6776	6711	1.05	cps
Silicon	28-1	4398706	4645820	4805167	4616564	4.44	cps
Silver	107-1	5460430	5542551	5586707	5529896	1.16	cps
Silver	109-1	5117804	5172965	5218408	5169726	0.97	cps
Sodium	23-2	98147177	99528227	97949911	98541772	0.87	cps
Strontium	86-1	15044401	14940164	14986763	14990443	0.35	cps
Strontium	88-1	128362853	129748836	128702428	128938039	0.56	cps
Sulfur	34-1	926365	944541	918812	929906	1.42	cps
Terbium	159-1	24386536	25173140	23873731	24477803	2.67	cps
Terbium	159-2	8879112	8306636	8293899	8493216	3.94	cps
Thallium	203-1	4199513	4331066	4348468	4293015	1.90	cps
Thallium	205-1	9776558	9942514	10157288	9958786	1.92	cps
Tin	118-1	3691611	3708879	3799434	3733308	1.55	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:12:48	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3698583	3666357	3621702	3662214	1.05	cps
Uranium	238-1	13301821	13658995	13685877	13548898	1.58	cps
Vanadium	51-2	935725	937869	949370	940988	0.78	cps
Ytterbium	172-1	92	142	50	94	48.60	cps
Ytterbium	172-2	17	50	50	39	49.48	cps
Ytterbium	176-1	20283	19899	21134	20439	3.09	cps
Ytterbium	176-2	8069	8058	8275	8134	1.50	cps
Yttrium	89-1	32216020	32293436	30298776	31602744	3.58	cps
Yttrium	89-2	2796373	2765843	2676602	2746273	2.27	cps
Zinc	66-2	1821324	1813596	1838568	1824496	0.70	cps
Zirconium	90-1	8008069	8250176	8138744	8132330	1.49	cps
Zirconium	91-1	1798020	1835599	1799666	1811095	1.17	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P8
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:19:47 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141	137	104	127	16.20	cps
Antimony	121-1	800	808	833	814	2.13	cps
Arsenic	75-2	3	4	7	5	44.61	cps
Barium	135-1	183	242	167	197	19.97	cps
Barium	137-1	317	267	367	317	15.79	cps
Beryllium	9-1	88	76	82	82	7.31	cps
Bismuth	209-1	14789016	14909039	15200274	14966109	1.41	cps
Bismuth	209-2	6109446	6135524	6043551	6096174	0.78	cps
Boron	10-1	8759	8575	8309	8547	2.65	cps
Boron	11-1	40339	38398	38114	38950	3.11	cps
Bromine	81-1	7259	7400	7490	7383	1.57	cps
Cadmium	111-1	771	874	801	816	6.52	cps
Cadmium	106-1	7636	8119	7869	7875	3.07	cps
Cadmium	108-1	67	42	33	47	36.74	cps
Calcium	43-1	441	400	405	415	5.39	cps
Calcium	44-1	18000	18217	18145	18121	0.61	cps
Carbon	12-1	5722489	5757003	5874608	5784700	1.38	cps
Carbon	12-2	61989	61873	62668	62177	0.69	cps
Chlorine	35-1	209718	209423	206701	208614	0.80	cps
Chlorine	35-2	1133	1142	1267	1181	6.33	cps
Chromium	52-2	737	820	780	779	5.35	cps
Cobalt	59-2	117	150	93	120	23.73	cps
Copper	63-2	1117	1013	1073	1068	4.86	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	75	125	150	117	32.74	cps
Erbium	164-2	37	60	53	50	24.03	cps
Gadolinium	160-1	108	158	175	147	23.57	cps
Gadolinium	160-2	47	47	67	53	21.65	cps
Holmium	165-1	23116658	23689263	23627457	23477793	1.34	cps
Holmium	165-2	8417327	8501447	8380403	8433059	0.74	cps
Indium	115-1	19009362	19490505	19286651	19262173	1.25	cps
Indium	115-2	2232325	2286337	2177306	2231989	2.44	cps
Iron	54-2	372	417	344	378	9.65	cps
Iron	56-2	3945	3689	3606	3747	4.72	cps
Iron	57-2	100	144	72	106	34.52	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P8
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:19:47 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	607	600	631	7.64	cps
Lead	206-1	1683	1683	1395	1587	10.51	cps
Lead	207-1	1517	1500	1278	1432	9.32	cps
Lead	208-1	6595	6601	6095	6430	4.51	cps
Lithium	6-1	12116484	11999899	12125749	12080711	0.58	cps
Magnesium	24-2	625	525	558	569	8.94	cps
Manganese	55-2	210	270	233	238	12.72	cps
Molybdenum	94-1	775	833	842	817	4.45	cps
Molybdenum	95-1	483	492	475	483	1.72	cps
Molybdenum	96-1	633	575	567	592	6.14	cps
Molybdenum	97-1	358	217	175	250	38.44	cps
Molybdenum	98-1	917	808	833	853	6.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	33	33	47	38	20.39	cps
Phosphorus	31-2	50	158	117	108	50.44	cps
Potassium	39-2	11130	10321	10629	10693	3.82	cps
Rhodium	103-1	18316597	18082830	18207056	18202161	0.64	cps
Rhodium	103-2	7183606	7282234	7266552	7244131	0.73	cps
Scandium	45-1	14351461	14203801	14605502	14386921	1.41	cps
Scandium	45-2	367012	370465	368420	368632	0.47	cps
Selenium	82-1	-87	-30	13	-35	-143.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	18	27	24	23	19.92	cps
Silicon	28-1	299833	301366	301829	301009	0.35	cps
Silver	107-1	517	483	475	492	4.48	cps
Silver	109-1	467	383	408	419	10.20	cps
Sodium	23-2	19004	19221	19547	19258	1.42	cps
Strontium	86-1	1100	1208	1175	1161	4.78	cps
Strontium	88-1	2559	2225	2100	2295	10.33	cps
Sulfur	34-1	441314	446108	446899	444773	0.68	cps
Terbium	159-1	24160025	23788545	23965228	23971266	0.78	cps
Terbium	159-2	8367988	8171542	8048511	8196014	1.97	cps
Thallium	203-1	733	825	950	836	13.01	cps
Thallium	205-1	1975	2025	1875	1959	3.90	cps
Tin	118-1	1275	1133	1025	1145	10.96	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:19:47	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	192	233	253	28.80	cps
Uranium	238-1	117	133	117	122	7.87	cps
Vanadium	51-2	30	13	0	14	104.07	cps
Ytterbium	172-1	67	50	50	56	17.32	cps
Ytterbium	172-2	22	22	28	24	13.33	cps
Ytterbium	176-1	2242	2400	2584	2409	7.10	cps
Ytterbium	176-2	1722	1961	1706	1796	7.96	cps
Yttrium	89-1	30707649	31583945	31408685	31233426	1.48	cps
Yttrium	89-2	2637883	2597682	2625831	2620465	0.79	cps
Zinc	66-2	220	309	343	291	21.96	cps
Zirconium	90-1	1683	1600	1967	1750	10.98	cps
Zirconium	91-1	408	350	400	386	8.17	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB137983BL Instrumnet Name : P8
 Client Sample ID : PB137983BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:22:48 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	94	110	98	10.35	cps
Antimony	121-1	292	333	425	350	19.49	cps
Arsenic	75-2	3	4	6	4	35.25	cps
Barium	135-1	158	233	217	203	19.42	cps
Barium	137-1	358	325	275	319	13.13	cps
Beryllium	9-1	68	64	60	64	6.25	cps
Bismuth	209-1	14642157	15581824	16303489	15509157	5.37	cps
Bismuth	209-2	6082954	5987669	6225349	6098657	1.96	cps
Boron	10-1	6300	6392	6480	6391	1.41	cps
Boron	11-1	29688	29097	29383	29389	1.01	cps
Bromine	81-1	7510	7109	7069	7229	3.37	cps
Cadmium	111-1	871	874	934	893	3.98	cps
Cadmium	106-1	8369	8636	9353	8786	5.79	cps
Cadmium	108-1	29	33	50	38	29.40	cps
Calcium	43-1	333	359	323	339	5.53	cps
Calcium	44-1	18305	16703	16891	17300	5.06	cps
Carbon	12-1	5225493	5138790	5085787	5150023	1.37	cps
Carbon	12-2	53188	53941	54067	53732	0.88	cps
Chlorine	35-1	187672	185638	185941	186417	0.59	cps
Chlorine	35-2	1017	950	842	936	9.44	cps
Chromium	52-2	767	783	703	751	5.62	cps
Cobalt	59-2	60	117	123	100	34.80	cps
Copper	63-2	803	903	770	826	8.41	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	17	13	10	88.20	cps
Erbium	164-1	108	200	133	147	32.19	cps
Erbium	164-2	33	73	57	54	36.91	cps
Gadolinium	160-1	108	217	108	144	43.30	cps
Gadolinium	160-2	30	70	37	46	47.04	cps
Holmium	165-1	23312711	24727540	25468181	24502811	4.47	cps
Holmium	165-2	8491953	8409717	8686791	8529487	1.67	cps
Indium	115-1	19382041	19903881	20562382	19949435	2.96	cps
Indium	115-2	2211926	2180461	2275698	2222695	2.18	cps
Iron	54-2	367	311	356	344	8.54	cps
Iron	56-2	2084	2322	2206	2204	5.42	cps
Iron	57-2	78	61	44	61	27.27	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BL	Instrumnet Name :	P8
Client Sample ID :	PB137983BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:22:48	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	547	507	559	10.61	cps
Lead	206-1	1295	1345	1267	1302	3.03	cps
Lead	207-1	1156	1061	1267	1161	8.86	cps
Lead	208-1	5245	4962	5317	5175	3.63	cps
Lithium	6-1	11556521	12354641	12559070	12156744	4.36	cps
Magnesium	24-2	317	283	375	325	14.28	cps
Manganese	55-2	157	200	160	172	14.00	cps
Molybdenum	94-1	808	683	750	747	8.37	cps
Molybdenum	95-1	200	233	242	225	9.80	cps
Molybdenum	96-1	550	283	250	361	45.54	cps
Molybdenum	97-1	117	183	183	161	23.89	cps
Molybdenum	98-1	400	325	358	361	10.41	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	27	50	33	37	32.78	cps
Phosphorus	31-2	58	142	75	92	48.10	cps
Potassium	39-2	10429	10487	10579	10499	0.72	cps
Rhodium	103-1	18186791	18904676	19665865	18919111	3.91	cps
Rhodium	103-2	7366283	7081180	7340414	7262626	2.17	cps
Scandium	45-1	14128435	15133966	15337216	14866539	4.35	cps
Scandium	45-2	370750	360522	380872	370715	2.74	cps
Selenium	82-1	-30	86	42	33	179.27	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	21	14	29	21	35.18	cps
Silicon	28-1	291148	288094	284663	287968	1.13	cps
Silver	107-1	333	383	392	369	8.54	cps
Silver	109-1	250	292	275	272	7.70	cps
Sodium	23-2	18253	18679	18370	18434	1.19	cps
Strontium	86-1	1384	933	1158	1158	19.43	cps
Strontium	88-1	2502	1083	1358	1648	45.64	cps
Sulfur	34-1	440655	441404	447847	443302	0.89	cps
Terbium	159-1	24102473	26099419	25797767	25333220	4.25	cps
Terbium	159-2	8234773	8014422	8266088	8171761	1.68	cps
Thallium	203-1	825	692	783	767	8.90	cps
Thallium	205-1	1567	1800	1934	1767	10.51	cps
Tin	118-1	983	1008	1225	1072	12.39	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BL	Instrumnet Name :	P8
Client Sample ID :	PB137983BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:22:48	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	283	258	339	34.98	cps
Uranium	238-1	67	50	58	58	14.29	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Ytterbium	172-1	50	42	42	44	10.82	cps
Ytterbium	172-2	33	28	22	28	20.00	cps
Ytterbium	176-1	2559	2709	2400	2556	6.03	cps
Ytterbium	176-2	1522	1583	1678	1595	4.92	cps
Yttrium	89-1	30266260	33176214	33295685	32246053	5.32	cps
Yttrium	89-2	2682612	2590324	2704452	2659129	2.28	cps
Zinc	66-2	216	200	186	201	7.55	cps
Zirconium	90-1	1575	1642	1675	1631	3.12	cps
Zirconium	91-1	425	342	342	369	13.02	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : PB137983BS Instrumnet Name : P8
 Client Sample ID : PB137983BS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:25:52 DataFile Name : 049LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	676293	671715	665857	671288	0.78	cps
Antimony	121-1	4340940	4391850	4384990	4372593	0.63	cps
Arsenic	75-2	106026	106451	104788	105755	0.82	cps
Barium	135-1	5436763	5498062	5650533	5528452	1.99	cps
Barium	137-1	9168885	9646773	9671561	9495740	2.98	cps
Beryllium	9-1	1714529	1727721	1735936	1726062	0.63	cps
Bismuth	209-1	15564878	15250366	15564058	15459767	1.17	cps
Bismuth	209-2	5942806	6079721	6057743	6026757	1.22	cps
Boron	10-1	188375	199428	207051	198285	4.74	cps
Boron	11-1	834173	882001	928188	881454	5.33	cps
Bromine	81-1	7079	7710	7380	7390	4.27	cps
Cadmium	111-1	1156562	1149043	1160630	1155412	0.51	cps
Cadmium	106-1	139076	142964	144166	142068	1.87	cps
Cadmium	108-1	89262	90759	93208	91076	2.19	cps
Calcium	43-1	1727607	1754013	1748563	1743394	0.80	cps
Calcium	44-1	26947406	27081327	27550088	27192940	1.16	cps
Carbon	12-1	7145069	7480518	7818888	7481492	4.50	cps
Carbon	12-2	86881	87352	88281	87505	0.81	cps
Chlorine	35-1	214851	217915	217448	216738	0.76	cps
Chlorine	35-2	1175	1275	1158	1203	5.25	cps
Chromium	52-2	1224431	1198804	1202130	1208455	1.15	cps
Cobalt	59-2	2295739	2265708	2285101	2282183	0.67	cps
Copper	63-2	17389593	17052925	17113444	17185321	1.04	cps
Dysprosium	156-1	267	233	258	253	6.86	cps
Dysprosium	156-2	100	80	77	86	14.75	cps
Erbium	164-1	217	242	250	236	7.35	cps
Erbium	164-2	60	53	77	63	18.98	cps
Gadolinium	160-1	367	325	300	331	10.19	cps
Gadolinium	160-2	153	140	127	140	9.52	cps
Holmium	165-1	25245484	25244906	24808248	25099546	1.01	cps
Holmium	165-2	8569737	8583830	8772075	8641880	1.31	cps
Indium	115-1	20047189	19472514	20061511	19860405	1.69	cps
Indium	115-2	2167087	2149594	2192193	2169625	0.99	cps
Iron	54-2	2716973	2752686	2686879	2718846	1.21	cps
Iron	56-2	48645984	47706030	47511657	47954557	1.27	cps
Iron	57-2	1202908	1193273	1191171	1195784	0.52	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BS	Instrumnet Name :	P8
Client Sample ID :	PB137983BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:25:52	DataFile Name :	049LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	573	623	607	601	4.24	cps
Lead	206-1	18576401	18367015	18799716	18581044	1.16	cps
Lead	207-1	15984817	15913495	16433050	16110454	1.75	cps
Lead	208-1	73898797	73529695	74556881	73995125	0.70	cps
Lithium	6-1	12303490	12333703	12371636	12336276	0.28	cps
Magnesium	24-2	10843519	10728172	10544233	10705308	1.41	cps
Manganese	55-2	5843203	5719262	5711899	5758121	1.28	cps
Molybdenum	94-1	9532287	9653947	9551133	9579123	0.68	cps
Molybdenum	95-1	11681944	11841262	11696444	11739883	0.75	cps
Molybdenum	96-1	13083823	13083337	13201777	13122979	0.52	cps
Molybdenum	97-1	7138114	7179473	7216911	7178166	0.55	cps
Molybdenum	98-1	18728083	18686255	18822104	18745480	0.37	cps
Neodymium	150-1	280	333	387	333	16.00	cps
Neodymium	150-2	33	33	37	34	5.60	cps
Nickel	60-2	594935	598128	598641	597235	0.34	cps
Phosphorus	31-2	33756	34742	33899	34132	1.56	cps
Potassium	39-2	3206382	3190077	3177675	3191378	0.45	cps
Rhodium	103-1	18484707	18430946	18622848	18512834	0.53	cps
Rhodium	103-2	6943363	6991898	7166296	7033852	1.67	cps
Scandium	45-1	15142049	14816164	14936259	14964824	1.10	cps
Scandium	45-2	365951	373469	382445	373955	2.21	cps
Selenium	82-1	90289	91983	90376	90883	1.05	cps
Selenium	77-2	1933	2204	1917	2018	7.98	cps
Selenium	78-2	6877	7083	6934	6965	1.52	cps
Silicon	28-1	3690588	3809422	3900245	3800085	2.77	cps
Silver	107-1	5957816	6068955	5989228	6005333	0.95	cps
Silver	109-1	5726808	5657622	5822767	5735732	1.45	cps
Sodium	23-2	20497510	20651000	20175683	20441398	1.19	cps
Strontium	86-1	15432907	15474550	15889553	15599003	1.62	cps
Strontium	88-1	133785036	133606807	134543457	133978434	0.37	cps
Sulfur	34-1	960322	956502	953297	956707	0.37	cps
Terbium	159-1	25714086	25757115	25318563	25596588	0.94	cps
Terbium	159-2	8066358	8247931	8294629	8202972	1.47	cps
Thallium	203-1	4593845	4616848	4647840	4619511	0.59	cps
Thallium	205-1	11111814	10708476	10686558	10835616	2.21	cps
Tin	118-1	3804153	3828675	3858283	3830370	0.71	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	PB137983BS	Instrumnet Name :	P8
Client Sample ID :	PB137983BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:25:52	DataFile Name :	049LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3867428	3852731	3864225	3861461	0.20	cps
Uranium	238-1	14219141	14123772	14105907	14149607	0.43	cps
Vanadium	51-2	979473	956946	962662	966360	1.21	cps
Ytterbium	172-1	50	75	100	75	33.33	cps
Ytterbium	172-2	28	22	17	22	25.00	cps
Ytterbium	176-1	22503	21693	21385	21860	2.64	cps
Ytterbium	176-2	7919	8086	8347	8117	2.66	cps
Yttrium	89-1	33137153	33673622	33169339	33326705	0.90	cps
Yttrium	89-2	2666664	2630741	2753708	2683705	2.36	cps
Zinc	66-2	1946420	1920555	1943184	1936720	0.73	cps
Zirconium	90-1	8319006	8433860	8341717	8364861	0.73	cps
Zirconium	91-1	1860516	1914702	1868661	1881293	1.55	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCV32 Instrumnet Name : P8
 Client Sample ID : CCV32 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:28:45 DataFile Name : 050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3325536	3244345	3278492	3282791	1.24	cps
Antimony	121-1	4043544	4085564	4076814	4068641	0.54	cps
Arsenic	75-2	106046	105364	104998	105469	0.50	cps
Barium	135-1	5208886	5258745	5308780	5258803	0.95	cps
Barium	137-1	9143449	9028587	9066530	9079522	0.64	cps
Beryllium	9-1	1622557	1637396	1642130	1634028	0.62	cps
Bismuth	209-1	14068739	14081794	13867253	14005929	0.86	cps
Bismuth	209-2	5786593	5546627	6068032	5800417	4.50	cps
Boron	10-1	202303	209962	218137	210134	3.77	cps
Boron	11-1	871141	927583	948417	915714	4.37	cps
Bromine	81-1	7049	7350	7570	7323	3.57	cps
Cadmium	111-1	1117679	1112260	1121060	1117000	0.40	cps
Cadmium	106-1	135327	135395	135656	135459	0.13	cps
Cadmium	108-1	86150	89804	89400	88451	2.26	cps
Calcium	43-1	8101423	7943389	8003295	8016036	1.00	cps
Calcium	44-1	127435129	127239428	127827242	127500600	0.23	cps
Carbon	12-1	7447241	7815773	7918435	7727150	3.21	cps
Carbon	12-2	93170	93137	91543	92616	1.00	cps
Chlorine	35-1	220333	219377	222550	220754	0.74	cps
Chlorine	35-2	1025	1300	1308	1211	13.31	cps
Chromium	52-2	1163538	1171734	1166660	1167311	0.35	cps
Cobalt	59-2	2155861	2078461	2120677	2118333	1.83	cps
Copper	63-2	16393574	16121890	16398092	16304519	0.97	cps
Dysprosium	156-1	1033	808	900	914	12.38	cps
Dysprosium	156-2	287	303	270	287	5.81	cps
Erbium	164-1	292	225	292	269	14.29	cps
Erbium	164-2	73	103	127	101	26.45	cps
Gadolinium	160-1	850	1000	967	939	8.39	cps
Gadolinium	160-2	420	420	357	399	9.17	cps
Holmium	165-1	23809258	24661085	23970294	24146879	1.87	cps
Holmium	165-2	8677722	8521415	8979991	8726376	2.67	cps
Indium	115-1	18515147	19003071	18720578	18746265	1.31	cps
Indium	115-2	2241270	2153495	2285775	2226847	3.02	cps
Iron	54-2	12825848	12489527	12645154	12653510	1.33	cps
Iron	56-2	225681022	230368022	227571955	227873666	1.03	cps
Iron	57-2	5800710	5683917	5768330	5750986	1.05	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:28:45	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	610	617	624	3.13	cps
Lead	206-1	17083001	17426122	17387670	17298931	1.09	cps
Lead	207-1	15044477	14897942	15199049	15047156	1.00	cps
Lead	208-1	69450083	68764513	69638103	69284233	0.66	cps
Lithium	6-1	11400938	12012555	11371248	11594914	3.12	cps
Magnesium	24-2	52068465	50422780	50138690	50876645	2.05	cps
Manganese	55-2	5929874	5832333	5885591	5882599	0.83	cps
Molybdenum	94-1	9245382	9328985	9476452	9350273	1.25	cps
Molybdenum	95-1	11319182	11560792	11596590	11492188	1.31	cps
Molybdenum	96-1	12806297	12692004	12679416	12725906	0.55	cps
Molybdenum	97-1	6946845	6908576	6995791	6950404	0.63	cps
Molybdenum	98-1	18001793	18113065	18285415	18133424	0.79	cps
Neodymium	150-1	187	393	267	282	36.92	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	550420	545441	544496	546785	0.58	cps
Phosphorus	31-2	33063	32980	33047	33030	0.13	cps
Potassium	39-2	15663241	15214465	15401979	15426562	1.46	cps
Rhodium	103-1	16713793	16782154	16432239	16642729	1.11	cps
Rhodium	103-2	6910457	6694945	7050462	6885288	2.60	cps
Scandium	45-1	13947878	14781077	13950067	14226341	3.38	cps
Scandium	45-2	393534	375477	396227	388413	2.90	cps
Selenium	82-1	86319	87299	88145	87254	1.05	cps
Selenium	77-2	2064	2047	2090	2067	1.06	cps
Selenium	78-2	6671	6719	6843	6745	1.32	cps
Silicon	28-1	4396989	4601152	4776137	4591426	4.13	cps
Silver	107-1	5375177	5466226	5506315	5449240	1.23	cps
Silver	109-1	5148846	5248553	5241075	5212824	1.07	cps
Sodium	23-2	97739854	97544086	94987152	96757031	1.59	cps
Strontium	86-1	14643023	14825296	14980890	14816403	1.14	cps
Strontium	88-1	127374299	127446865	130724365	128515176	1.49	cps
Sulfur	34-1	915011	927136	918008	920052	0.69	cps
Terbium	159-1	24121366	24826883	24230850	24393033	1.56	cps
Terbium	159-2	8580967	8137618	8751025	8489870	3.73	cps
Thallium	203-1	4296686	4285271	4337861	4306606	0.64	cps
Thallium	205-1	9999455	10113451	9928796	10013901	0.93	cps
Tin	118-1	3607401	3618237	3704230	3643289	1.46	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:28:45	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3652003	3745301	3623077	3673460	1.74	cps
Uranium	238-1	13766467	13768076	13851884	13795476	0.35	cps
Vanadium	51-2	937052	932879	934142	934691	0.23	cps
Ytterbium	172-1	67	108	100	92	24.05	cps
Ytterbium	172-2	33	44	50	43	19.93	cps
Ytterbium	176-1	19540	20483	21067	20363	3.78	cps
Ytterbium	176-2	7802	7786	7925	7838	0.97	cps
Yttrium	89-1	31337864	31583962	31735995	31552607	0.64	cps
Yttrium	89-2	2741873	2665782	2811937	2739864	2.67	cps
Zinc	66-2	1789931	1808066	1806373	1801457	0.56	cps
Zirconium	90-1	7965751	7949391	8160774	8025305	1.47	cps
Zirconium	91-1	1798228	1830602	1857476	1828769	1.62	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P8
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:41:20 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	102	99	97	6.61	cps
Antimony	121-1	333	475	483	431	19.58	cps
Arsenic	75-2	5	7	7	6	18.23	cps
Barium	135-1	300	258	267	275	8.02	cps
Barium	137-1	383	367	483	411	15.35	cps
Beryllium	9-1	78	90	86	85	7.21	cps
Bismuth	209-1	15355751	14926961	14969002	15083905	1.57	cps
Bismuth	209-2	6304135	6203942	6235481	6247853	0.82	cps
Boron	10-1	6096	6154	5842	6031	2.75	cps
Boron	11-1	28021	26657	26462	27047	3.14	cps
Bromine	81-1	7760	7640	7089	7496	4.77	cps
Cadmium	111-1	887	819	911	872	5.50	cps
Cadmium	106-1	8903	8178	8903	8661	4.84	cps
Cadmium	108-1	71	58	42	57	25.69	cps
Calcium	43-1	315	347	360	341	6.78	cps
Calcium	44-1	16949	16268	16880	16699	2.25	cps
Carbon	12-1	4988843	4958396	4922377	4956539	0.67	cps
Carbon	12-2	52795	51139	51583	51839	1.65	cps
Chlorine	35-1	177124	175994	180702	177940	1.38	cps
Chlorine	35-2	875	908	983	922	6.02	cps
Chromium	52-2	803	683	693	727	9.16	cps
Cobalt	59-2	133	117	147	132	11.37	cps
Copper	63-2	933	960	937	943	1.54	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	200	133	100	144	35.25	cps
Erbium	164-2	50	23	37	37	36.37	cps
Gadolinium	160-1	192	133	142	156	20.28	cps
Gadolinium	160-2	43	50	50	48	8.06	cps
Holmium	165-1	24169821	23589364	23978452	23912546	1.24	cps
Holmium	165-2	8761860	8570124	8610762	8647582	1.17	cps
Indium	115-1	19718143	19493692	19809176	19673670	0.83	cps
Indium	115-2	2238213	2246755	2249614	2244861	0.26	cps
Iron	54-2	289	261	311	287	8.73	cps
Iron	56-2	2361	2350	2478	2397	2.95	cps
Iron	57-2	111	72	83	89	22.54	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:41:20	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	557	677	573	602	10.80	cps
Lead	206-1	1411	1333	1389	1378	2.91	cps
Lead	207-1	978	1161	1122	1087	8.89	cps
Lead	208-1	5223	5017	5295	5178	2.78	cps
Lithium	6-1	12246851	12266527	11952566	12155315	1.45	cps
Magnesium	24-2	300	367	333	333	10.00	cps
Manganese	55-2	190	177	153	173	10.71	cps
Molybdenum	94-1	767	550	658	658	16.46	cps
Molybdenum	95-1	292	200	208	233	21.72	cps
Molybdenum	96-1	433	342	450	408	14.29	cps
Molybdenum	97-1	192	92	58	114	60.93	cps
Molybdenum	98-1	475	267	233	325	40.30	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	30	37	40	30.04	cps
Phosphorus	31-2	100	83	83	89	10.82	cps
Potassium	39-2	10571	10496	10554	10540	0.37	cps
Rhodium	103-1	18741666	18192610	18386257	18440178	1.51	cps
Rhodium	103-2	7262124	7101763	7240508	7201465	1.21	cps
Scandium	45-1	14261568	13996831	14439444	14232614	1.56	cps
Scandium	45-2	373149	359664	368321	367045	1.86	cps
Selenium	82-1	37	-70	47	4	1455.49	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	24	18	19	20	15.81	cps
Silicon	28-1	278013	391589	279059	316220	20.64	cps
Silver	107-1	225	350	383	319	26.13	cps
Silver	109-1	233	192	225	217	10.18	cps
Sodium	23-2	17803	18203	18470	18159	1.85	cps
Strontium	86-1	1050	1100	1067	1072	2.38	cps
Strontium	88-1	1425	1333	1275	1345	5.62	cps
Sulfur	34-1	469968	467212	469052	468744	0.30	cps
Terbium	159-1	23943051	24842785	24686338	24490725	1.96	cps
Terbium	159-2	8253259	8274701	8357951	8295304	0.67	cps
Thallium	203-1	817	617	767	733	14.19	cps
Thallium	205-1	1867	1792	1959	1872	4.46	cps
Tin	118-1	1225	1208	1075	1170	7.03	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:41:20	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	208	150	164	24.03	cps
Uranium	238-1	42	67	58	56	22.91	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Ytterbium	172-1	58	42	58	53	18.23	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	2450	2417	2192	2353	5.97	cps
Ytterbium	176-2	1889	2078	1967	1978	4.80	cps
Yttrium	89-1	31450132	31113049	31762660	31441947	1.03	cps
Yttrium	89-2	2670793	2621686	2646189	2646223	0.93	cps
Zinc	66-2	203	283	239	242	16.58	cps
Zirconium	90-1	1834	1758	1800	1797	2.09	cps
Zirconium	91-1	383	300	375	353	13.01	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : M2940-17 Instrumnet Name : P8
 Client Sample ID : LLOQ-WATER-QT3-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:53:28 DataFile Name : 055LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1481	1432	1469	1461	1.73	cps
Antimony	121-1	16911	16836	16769	16839	0.42	cps
Arsenic	75-2	203	230	234	222	7.59	cps
Barium	135-1	21242	22995	22361	22199	4.00	cps
Barium	137-1	37628	38823	38029	38160	1.59	cps
Beryllium	9-1	3568	3626	3564	3586	0.97	cps
Bismuth	209-1	14530363	15656015	15319769	15168716	3.81	cps
Bismuth	209-2	6093026	6161740	6179146	6144637	0.74	cps
Boron	10-1	12133	12411	12855	12466	2.92	cps
Boron	11-1	53916	57019	61092	57342	6.28	cps
Bromine	81-1	7510	7109	7690	7436	4.00	cps
Cadmium	111-1	3482	3752	3472	3569	4.46	cps
Cadmium	106-1	8961	9837	9420	9406	4.66	cps
Cadmium	108-1	229	242	321	264	18.84	cps
Calcium	43-1	16676	16772	16532	16660	0.72	cps
Calcium	44-1	281790	279806	280390	280662	0.36	cps
Carbon	12-1	5030165	4984271	5005762	5006733	0.46	cps
Carbon	12-2	53389	52394	53791	53191	1.35	cps
Chlorine	35-1	186246	188828	187991	187688	0.70	cps
Chlorine	35-2	1150	1050	850	1017	15.03	cps
Chromium	52-2	5608	5221	5574	5468	3.92	cps
Cobalt	59-2	4281	4374	4367	4341	1.20	cps
Copper	63-2	7365	6862	6995	7074	3.69	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	167	133	133	144	13.32	cps
Erbium	164-2	63	50	43	52	19.50	cps
Gadolinium	160-1	158	150	167	158	5.26	cps
Gadolinium	160-2	43	20	20	28	48.49	cps
Holmium	165-1	23469714	24163038	24056735	23896496	1.56	cps
Holmium	165-2	8498159	8499267	8692074	8563167	1.30	cps
Indium	115-1	19058194	19916103	19387983	19454093	2.22	cps
Indium	115-2	2242636	2288179	2271538	2267451	1.02	cps
Iron	54-2	5912	5562	5407	5627	4.60	cps
Iron	56-2	97066	97509	95596	96724	1.04	cps
Iron	57-2	2522	2550	2378	2484	3.72	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:53:28	DataFile Name :	055LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	590	590	543	574	4.69	cps
Lead	206-1	8097	8041	8225	8121	1.16	cps
Lead	207-1	7197	6680	7286	7054	4.64	cps
Lead	208-1	32689	32083	32945	32572	1.36	cps
Lithium	6-1	11849836	12109557	12416288	12125227	2.34	cps
Magnesium	24-2	101923	102796	102535	102418	0.44	cps
Manganese	55-2	1240	1277	1280	1266	1.75	cps
Molybdenum	94-1	19131	19431	19623	19395	1.28	cps
Molybdenum	95-1	23086	23571	23704	23454	1.39	cps
Molybdenum	96-1	24706	26175	25724	25535	2.95	cps
Molybdenum	97-1	14441	14575	14358	14458	0.76	cps
Molybdenum	98-1	38203	37460	37627	37763	1.03	cps
Neodymium	150-1	13	7	33	18	78.05	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1257	1160	1363	1260	8.07	cps
Phosphorus	31-2	133	67	117	106	32.87	cps
Potassium	39-2	70146	68086	69276	69169	1.49	cps
Rhodium	103-1	17487510	18240261	18723181	18150317	3.43	cps
Rhodium	103-2	7198519	7384696	7363150	7315455	1.39	cps
Scandium	45-1	13902967	14389256	14668940	14320388	2.71	cps
Scandium	45-2	366464	367164	372351	368659	0.87	cps
Selenium	82-1	884	932	975	930	4.88	cps
Selenium	77-2	23	37	33	31	22.31	cps
Selenium	78-2	95	85	86	89	6.21	cps
Silicon	28-1	361883	357178	363107	360723	0.87	cps
Silver	107-1	11255	11472	11672	11466	1.82	cps
Silver	109-1	10779	11288	10780	10949	2.68	cps
Sodium	23-2	215525	213091	213302	213973	0.63	cps
Strontium	86-1	4401	4117	4543	4354	4.97	cps
Strontium	88-1	29298	28797	29783	29293	1.68	cps
Sulfur	34-1	482485	485298	482309	483364	0.35	cps
Terbium	159-1	23391010	25094391	25274156	24586519	4.23	cps
Terbium	159-2	8266197	8412569	8311728	8330165	0.90	cps
Thallium	203-1	9120	8987	9179	9095	1.08	cps
Thallium	205-1	22495	22796	22579	22623	0.69	cps
Tin	118-1	39852	40067	38722	39547	1.83	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:53:28	DataFile Name :	055LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7661	7410	8011	7694	3.92	cps
Uranium	238-1	26478	26796	26829	26701	0.73	cps
Vanadium	51-2	9170	9480	9070	9240	2.32	cps
Ytterbium	172-1	58	42	17	39	53.93	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	2742	2259	2734	2578	10.73	cps
Ytterbium	176-2	1217	1445	1428	1363	9.32	cps
Yttrium	89-1	31659650	32315345	32072785	32015926	1.04	cps
Yttrium	89-2	2618307	2697560	2733549	2683139	2.20	cps
Zinc	66-2	1040	1050	1093	1061	2.66	cps
Zirconium	90-1	17720	17086	17603	17470	1.93	cps
Zirconium	91-1	3667	3567	3667	3634	1.59	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:56:29	DataFile Name :	056LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1489	1410	1342	1414	5.18	cps
Antimony	121-1	17462	17971	17437	17623	1.71	cps
Arsenic	75-2	220	211	227	219	3.66	cps
Barium	135-1	21651	21242	21568	21487	1.01	cps
Barium	137-1	37787	37202	37971	37653	1.07	cps
Beryllium	9-1	3622	3432	3448	3500	3.01	cps
Bismuth	209-1	15185869	15031994	14965269	15061044	0.75	cps
Bismuth	209-2	6260908	6205894	6277190	6247997	0.60	cps
Boron	10-1	12649	12959	13628	13079	3.82	cps
Boron	11-1	58610	59271	61066	59649	2.13	cps
Bromine	81-1	7109	7660	8041	7603	6.16	cps
Cadmium	111-1	3527	3453	3421	3467	1.57	cps
Cadmium	106-1	9270	9287	8670	9075	3.87	cps
Cadmium	108-1	208	275	263	249	14.25	cps
Calcium	43-1	15999	16255	16436	16230	1.35	cps
Calcium	44-1	275088	276863	276208	276053	0.33	cps
Carbon	12-1	4991502	4959039	4987793	4979445	0.36	cps
Carbon	12-2	52134	52762	52653	52517	0.64	cps
Chlorine	35-1	186449	185739	185781	185990	0.21	cps
Chlorine	35-2	908	983	1067	986	8.03	cps
Chromium	52-2	5214	5568	5501	5428	3.46	cps
Cobalt	59-2	4577	4394	4354	4442	2.68	cps
Copper	63-2	6992	7189	7062	7081	1.41	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	217	158	158	178	18.94	cps
Erbium	164-2	47	57	40	48	17.56	cps
Gadolinium	160-1	117	200	108	142	35.78	cps
Gadolinium	160-2	47	33	33	38	20.39	cps
Holmium	165-1	23873849	24045593	23430499	23783314	1.33	cps
Holmium	165-2	8692517	8657033	8637269	8662273	0.32	cps
Indium	115-1	19432967	19858122	19080236	19457108	2.00	cps
Indium	115-2	2253184	2282748	2291578	2275837	0.88	cps
Iron	54-2	5846	5690	5629	5722	1.95	cps
Iron	56-2	97273	97005	95629	96636	0.91	cps
Iron	57-2	2511	2372	2489	2458	3.04	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:56:29	DataFile Name :	056LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	570	647	633	617	6.64	cps
Lead	206-1	7897	8486	8347	8244	3.74	cps
Lead	207-1	6863	6607	6769	6746	1.92	cps
Lead	208-1	32272	32417	32300	32329	0.24	cps
Lithium	6-1	12025616	12260674	11818674	12034988	1.84	cps
Magnesium	24-2	98818	101369	99598	99928	1.31	cps
Manganese	55-2	1247	1247	1337	1277	4.07	cps
Molybdenum	94-1	19890	19765	19848	19834	0.32	cps
Molybdenum	95-1	22836	22661	22702	22733	0.40	cps
Molybdenum	96-1	26150	25666	25382	25733	1.51	cps
Molybdenum	97-1	14091	14616	13874	14194	2.69	cps
Molybdenum	98-1	36699	37827	36248	36925	2.20	cps
Neodymium	150-1	20	27	53	33	52.92	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1327	1320	1310	1319	0.64	cps
Phosphorus	31-2	67	92	50	69	30.20	cps
Potassium	39-2	69351	70481	69434	69755	0.90	cps
Rhodium	103-1	18279918	18086459	17702261	18022879	1.63	cps
Rhodium	103-2	7229411	7314160	7426318	7323296	1.35	cps
Scandium	45-1	14192180	14174819	13788766	14051922	1.62	cps
Scandium	45-2	372276	367532	370254	370021	0.64	cps
Selenium	82-1	903	783	820	835	7.32	cps
Selenium	77-2	27	37	23	29	24.03	cps
Selenium	78-2	91	88	107	95	10.71	cps
Silicon	28-1	357724	362295	355462	358493	0.97	cps
Silver	107-1	11355	11780	11422	11519	1.99	cps
Silver	109-1	10855	10830	11163	10949	1.70	cps
Sodium	23-2	209837	212916	208602	210451	1.06	cps
Strontium	86-1	4334	4543	4292	4390	3.05	cps
Strontium	88-1	29407	28705	29807	29306	1.90	cps
Sulfur	34-1	490428	488482	492287	490399	0.39	cps
Terbium	159-1	24630454	24355148	24448475	24478026	0.57	cps
Terbium	159-2	8525108	8361437	8165831	8350792	2.15	cps
Thallium	203-1	9370	8820	9470	9220	3.80	cps
Thallium	205-1	21952	21527	22262	21914	1.68	cps
Tin	118-1	37862	38965	39182	38669	1.83	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M2940-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:56:29	DataFile Name :	056LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7377	7602	7560	7513	1.59	cps
Uranium	238-1	26044	26445	26027	26172	0.90	cps
Vanadium	51-2	9320	9376	9213	9303	0.89	cps
Ytterbium	172-1	67	25	67	53	45.58	cps
Ytterbium	172-2	28	11	28	22	43.31	cps
Ytterbium	176-1	2575	2525	2334	2478	5.15	cps
Ytterbium	176-2	1395	1417	1389	1400	1.05	cps
Yttrium	89-1	31262441	31751788	31319888	31444706	0.85	cps
Yttrium	89-2	2718501	2666964	2707448	2697638	1.01	cps
Zinc	66-2	1016	997	1027	1013	1.51	cps
Zirconium	90-1	16869	16702	17370	16980	2.05	cps
Zirconium	91-1	3484	3676	3642	3601	2.84	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCV33 Instrumnet Name : P8
 Client Sample ID : CCV33 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-15 16:59:33 DataFile Name : 057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3157882	3262743	3205746	3208790	1.64	cps
Antimony	121-1	4031556	3862234	3922175	3938655	2.18	cps
Arsenic	75-2	101295	101861	101039	101398	0.41	cps
Barium	135-1	5263882	4972006	5049194	5095027	2.97	cps
Barium	137-1	8895583	8492567	8704554	8697568	2.32	cps
Beryllium	9-1	1557421	1590627	1584327	1577458	1.12	cps
Bismuth	209-1	13395231	13569667	14054354	13673084	2.50	cps
Bismuth	209-2	5870899	5764714	5530069	5721894	3.05	cps
Boron	10-1	183962	191169	197823	190985	3.63	cps
Boron	11-1	861108	881080	856392	866193	1.51	cps
Bromine	81-1	6919	7309	6739	6989	4.18	cps
Cadmium	111-1	1075860	1072529	1088799	1079063	0.80	cps
Cadmium	106-1	132930	134773	134663	134122	0.77	cps
Cadmium	108-1	85958	86998	86444	86466	0.60	cps
Calcium	43-1	7610238	7719460	7687478	7672392	0.73	cps
Calcium	44-1	124706019	123503910	122652814	123620914	0.83	cps
Carbon	12-1	6798061	7067704	7267587	7044451	3.34	cps
Carbon	12-2	85985	86957	87762	86901	1.02	cps
Chlorine	35-1	207191	206280	206854	206775	0.22	cps
Chlorine	35-2	1300	1217	1183	1233	4.87	cps
Chromium	52-2	1113466	1120019	1121853	1118446	0.39	cps
Cobalt	59-2	2036581	2090712	2032389	2053227	1.58	cps
Copper	63-2	15727256	15723554	15704111	15718307	0.08	cps
Dysprosium	156-1	775	950	925	883	10.72	cps
Dysprosium	156-2	283	347	353	328	11.79	cps
Erbium	164-1	250	350	392	331	22.03	cps
Erbium	164-2	117	70	87	91	25.96	cps
Gadolinium	160-1	825	1058	1100	995	14.90	cps
Gadolinium	160-2	393	357	493	414	17.07	cps
Holmium	165-1	22917240	23148094	24424913	23496749	3.46	cps
Holmium	165-2	8784007	8823315	8388198	8665173	2.78	cps
Indium	115-1	17756170	17851534	18896290	18167998	3.48	cps
Indium	115-2	2187897	2175710	2080706	2148105	2.73	cps
Iron	54-2	12022409	12254103	12084951	12120488	0.99	cps
Iron	56-2	218843344	223900066	216194594	219646001	1.78	cps
Iron	57-2	5489702	5620149	5546465	5552105	1.18	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:59:33	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	603	557	533	564	6.31	cps
Lead	206-1	16976172	16894381	16441808	16770787	1.72	cps
Lead	207-1	14286157	14569778	14204991	14353642	1.33	cps
Lead	208-1	66510276	67266428	65950882	66575862	0.99	cps
Lithium	6-1	11401324	11505860	11777370	11561518	1.68	cps
Magnesium	24-2	48674401	50060306	49181674	49305460	1.42	cps
Manganese	55-2	5650663	5685105	5641089	5658952	0.41	cps
Molybdenum	94-1	9010824	8843922	9112985	8989243	1.51	cps
Molybdenum	95-1	11050199	10770760	11032365	10951108	1.43	cps
Molybdenum	96-1	12197718	11963624	12370170	12177171	1.68	cps
Molybdenum	97-1	6625626	6660007	6837799	6707811	1.70	cps
Molybdenum	98-1	17385573	17421830	17622006	17476469	0.73	cps
Neodymium	150-1	313	307	140	253	38.77	cps
Neodymium	150-2	20	30	17	22	31.22	cps
Nickel	60-2	531919	530629	525594	529381	0.63	cps
Phosphorus	31-2	31259	31285	32278	31607	1.84	cps
Potassium	39-2	14832328	15021800	14914463	14922864	0.64	cps
Rhodium	103-1	16136582	16470664	17257201	16621482	3.46	cps
Rhodium	103-2	6867383	6891800	6490233	6749805	3.34	cps
Scandium	45-1	13509518	13941001	14139944	13863487	2.32	cps
Scandium	45-2	375620	375010	356645	369092	2.92	cps
Selenium	82-1	83943	83227	83534	83568	0.43	cps
Selenium	77-2	2020	1750	1937	1902	7.27	cps
Selenium	78-2	6464	6486	6327	6426	1.34	cps
Silicon	28-1	4160830	4461089	4633946	4418622	5.42	cps
Silver	107-1	5284362	5323352	5278350	5295355	0.46	cps
Silver	109-1	4978859	5013703	5046699	5013087	0.68	cps
Sodium	23-2	93357656	94337390	93006281	93567109	0.74	cps
Strontium	86-1	14304076	14659969	14206774	14390273	1.66	cps
Strontium	88-1	125058407	124891544	123027015	124325656	0.91	cps
Sulfur	34-1	940579	930431	914396	928468	1.42	cps
Terbium	159-1	24205175	24196217	24432211	24277868	0.55	cps
Terbium	159-2	8655677	8439632	8000261	8365190	3.99	cps
Thallium	203-1	4155104	4141205	4245770	4180693	1.36	cps
Thallium	205-1	9690667	9869441	9932723	9830944	1.28	cps
Tin	118-1	3572409	3515885	3527787	3538694	0.84	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 16:59:33	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3513254	3563353	3620794	3565801	1.51	cps
Uranium	238-1	13258776	13381794	13176184	13272251	0.78	cps
Vanadium	51-2	894436	907138	904601	902059	0.75	cps
Ytterbium	172-1	75	67	67	69	6.93	cps
Ytterbium	172-2	61	6	22	30	96.21	cps
Ytterbium	176-1	20258	19582	20082	19974	1.76	cps
Ytterbium	176-2	7063	8025	7630	7573	6.38	cps
Yttrium	89-1	29880740	30887280	32013425	30927148	3.45	cps
Yttrium	89-2	2707514	2751045	2537022	2665194	4.24	cps
Zinc	66-2	1741485	1724650	1769538	1745224	1.30	cps
Zirconium	90-1	7729076	7863393	7890396	7827622	1.10	cps
Zirconium	91-1	1715254	1738312	1756637	1736734	1.19	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:06:35	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	112	95	105	8.74	cps
Antimony	121-1	517	675	500	564	17.13	cps
Arsenic	75-2	7	9	2	6	60.09	cps
Barium	135-1	183	125	142	150	20.03	cps
Barium	137-1	233	275	217	242	12.43	cps
Beryllium	9-1	74	86	68	76	12.05	cps
Bismuth	209-1	15684081	15359895	15216398	15420125	1.55	cps
Bismuth	209-2	6372356	6594445	6286711	6417837	2.47	cps
Boron	10-1	5410	4992	4856	5086	5.68	cps
Boron	11-1	24441	23406	23170	23672	2.86	cps
Bromine	81-1	6939	7740	7790	7490	6.38	cps
Cadmium	111-1	879	833	843	852	2.83	cps
Cadmium	106-1	8511	8361	8570	8481	1.27	cps
Cadmium	108-1	38	46	38	40	11.94	cps
Calcium	43-1	318	319	319	319	0.24	cps
Calcium	44-1	17053	17070	16629	16917	1.48	cps
Carbon	12-1	4978959	4919148	4945373	4947827	0.61	cps
Carbon	12-2	51658	51742	50279	51226	1.60	cps
Chlorine	35-1	170841	167594	168988	169141	0.96	cps
Chlorine	35-2	950	950	883	928	4.15	cps
Chromium	52-2	670	713	837	740	11.69	cps
Cobalt	59-2	120	97	130	116	14.80	cps
Copper	63-2	900	927	943	923	2.37	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	192	150	150	164	14.68	cps
Erbium	164-2	60	70	53	61	13.73	cps
Gadolinium	160-1	150	133	150	144	6.66	cps
Gadolinium	160-2	53	50	43	49	10.42	cps
Holmium	165-1	24469409	24387073	24057296	24304593	0.90	cps
Holmium	165-2	8873114	9104564	8561240	8846306	3.08	cps
Indium	115-1	19682454	19651642	19069112	19467736	1.78	cps
Indium	115-2	2316359	2341612	2226304	2294758	2.64	cps
Iron	54-2	367	333	372	357	5.89	cps
Iron	56-2	2328	2617	2889	2611	10.75	cps
Iron	57-2	100	44	78	74	37.74	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:06:35	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	637	570	622	7.51	cps
Lead	206-1	1317	1456	1267	1346	7.27	cps
Lead	207-1	1189	1039	1161	1130	7.06	cps
Lead	208-1	5384	5378	5256	5339	1.35	cps
Lithium	6-1	12179811	12051499	11741534	11990948	1.88	cps
Magnesium	24-2	450	442	450	447	1.08	cps
Manganese	55-2	187	187	127	167	20.78	cps
Molybdenum	94-1	583	600	792	658	17.59	cps
Molybdenum	95-1	383	333	225	314	25.79	cps
Molybdenum	96-1	517	533	558	536	3.91	cps
Molybdenum	97-1	167	142	158	156	8.18	cps
Molybdenum	98-1	442	467	458	456	2.79	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	57	43	20	40	46.40	cps
Phosphorus	31-2	125	117	58	100	36.32	cps
Potassium	39-2	10871	9779	10679	10443	5.59	cps
Rhodium	103-1	18221810	18668719	18593546	18494692	1.29	cps
Rhodium	103-2	7530687	7533155	7289306	7451049	1.88	cps
Scandium	45-1	14403333	14191998	14058780	14218037	1.22	cps
Scandium	45-2	383299	386169	369904	379791	2.29	cps
Selenium	82-1	-103	-86	24	-55	-125.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	18	21	21	20	8.66	cps
Silicon	28-1	274990	274197	278029	275739	0.73	cps
Silver	107-1	500	517	375	464	16.69	cps
Silver	109-1	325	250	258	278	14.80	cps
Sodium	23-2	18913	19639	19305	19285	1.88	cps
Strontium	86-1	1158	1000	883	1014	13.61	cps
Strontium	88-1	1575	1550	1417	1514	5.62	cps
Sulfur	34-1	459896	457435	450309	455880	1.09	cps
Terbium	159-1	24975460	24986322	24077123	24679635	2.11	cps
Terbium	159-2	8618760	8610037	8196105	8474967	2.85	cps
Thallium	203-1	633	825	592	683	18.21	cps
Thallium	205-1	1659	1809	1567	1678	7.27	cps
Tin	118-1	1067	1100	1208	1125	6.58	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:06:35	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	117	208	133	153	31.96	cps
Uranium	238-1	50	25	92	56	60.62	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Ytterbium	172-1	67	75	58	67	12.50	cps
Ytterbium	172-2	17	39	61	39	57.14	cps
Ytterbium	176-1	2309	2584	2550	2481	6.05	cps
Ytterbium	176-2	1600	1822	1750	1724	6.58	cps
Yttrium	89-1	32264638	31884418	31710554	31953203	0.89	cps
Yttrium	89-2	2753042	2775332	2660106	2729493	2.24	cps
Zinc	66-2	236	273	240	250	8.15	cps
Zirconium	90-1	2084	1433	1800	1772	18.39	cps
Zirconium	91-1	317	358	375	350	8.58	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3713-01A	Instrumnet Name :	P8
Client Sample ID :	JCF03A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:14:21	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1689034	1681771	1667412	1679406	0.66	cps
Antimony	121-1	43704	44757	45200	44554	1.72	cps
Arsenic	75-2	15653	15888	15720	15754	0.77	cps
Barium	135-1	366504	368957	366059	367173	0.43	cps
Barium	137-1	642909	639396	650447	644251	0.88	cps
Beryllium	9-1	3038	3042	2988	3022	1.00	cps
Bismuth	209-1	14606430	15771191	15456035	15277885	3.94	cps
Bismuth	209-2	6332855	6277091	6241926	6283957	0.73	cps
Boron	10-1	5630	5872	6308	5937	5.79	cps
Boron	11-1	26020	28586	29193	27933	6.03	cps
Bromine	81-1	11737	11957	12128	11941	1.64	cps
Cadmium	111-1	1008	1140	1096	1081	6.24	cps
Cadmium	106-1	8194	8511	8128	8278	2.48	cps
Cadmium	108-1	183	117	96	132	34.64	cps
Calcium	43-1	279563	284720	283446	282576	0.95	cps
Calcium	44-1	4596606	4644817	4694611	4645345	1.05	cps
Carbon	12-1	8795750	9007778	8916829	8906786	1.19	cps
Carbon	12-2	94318	94461	94226	94335	0.13	cps
Chlorine	35-1	59802824	73828060	84872644	72834509	17.25	cps
Chlorine	35-2	627560	645247	668628	647145	3.18	cps
Chromium	52-2	88022	88652	87885	88186	0.46	cps
Cobalt	59-2	115870	115384	115921	115725	0.26	cps
Copper	63-2	277311	280392	279026	278910	0.55	cps
Dysprosium	156-1	24448	25016	25041	24835	1.35	cps
Dysprosium	156-2	8319	8406	8660	8462	2.09	cps
Erbium	164-1	23479	23905	24281	23889	1.68	cps
Erbium	164-2	8536	8279	8099	8305	2.64	cps
Gadolinium	160-1	25508	25951	26335	25931	1.60	cps
Gadolinium	160-2	10187	10267	10081	10178	0.92	cps
Holmium	165-1	24285076	24595608	23581948	24154211	2.15	cps
Holmium	165-2	8764778	8827527	8903648	8831984	0.79	cps
Indium	115-1	19334194	19962806	19556532	19617844	1.62	cps
Indium	115-2	2333443	2259757	2268662	2287287	1.76	cps
Iron	54-2	5461223	5480960	5485619	5475934	0.24	cps
Iron	56-2	99422091	99470902	98754802	99215932	0.40	cps
Iron	57-2	2576213	2578619	2595670	2583501	0.41	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3713-01A	Instrumnet Name :	P8
Client Sample ID :	JCF03A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:14:21	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	727	623	647	666	8.14	cps
Lead	206-1	30536	27852	27808	28732	5.44	cps
Lead	207-1	25242	23232	23026	23833	5.14	cps
Lead	208-1	117771	109003	107893	111556	4.85	cps
Lithium	6-1	12330250	12429204	12747067	12502174	1.74	cps
Magnesium	24-2	1118248	1106129	1092744	1105707	1.15	cps
Manganese	55-2	2037677	2066383	2061027	2055029	0.74	cps
Molybdenum	94-1	15576	15843	15968	15795	1.27	cps
Molybdenum	95-1	1650	1517	1433	1533	7.13	cps
Molybdenum	96-1	4768	4943	4626	4779	3.32	cps
Molybdenum	97-1	883	750	917	850	10.38	cps
Molybdenum	98-1	2400	2625	2617	2548	5.01	cps
Neodymium	150-1	36844	35982	36189	36338	1.24	cps
Neodymium	150-2	8760	9033	9160	8984	2.28	cps
Nickel	60-2	28512	27861	28672	28348	1.52	cps
Phosphorus	31-2	2259	2409	2642	2436	7.93	cps
Potassium	39-2	53073	53709	54316	53699	1.16	cps
Rhodium	103-1	17757785	18932438	18418110	18369444	3.21	cps
Rhodium	103-2	7595675	7502647	7503470	7533931	0.71	cps
Scandium	45-1	14490320	14854829	15064802	14803317	1.96	cps
Scandium	45-2	393946	384671	394896	391171	1.44	cps
Selenium	82-1	-33	85	75	42	155.81	cps
Selenium	77-2	47	47	70	54	24.74	cps
Selenium	78-2	47	60	52	53	12.38	cps
Silicon	28-1	13338948	13402080	12939668	13226899	1.90	cps
Silver	107-1	26167	27002	26535	26568	1.57	cps
Silver	109-1	24990	25132	25466	25196	0.97	cps
Sodium	23-2	125210	124696	125520	125142	0.33	cps
Strontium	86-1	273643	279464	273458	275522	1.24	cps
Strontium	88-1	2434831	2465712	2393370	2431305	1.49	cps
Sulfur	34-1	441260	440833	454324	445472	1.72	cps
Terbium	159-1	24041784	25639362	25045959	24909035	3.24	cps
Terbium	159-2	8569945	8509159	8644271	8574458	0.79	cps
Thallium	203-1	2475	3017	3384	2959	15.45	cps
Thallium	205-1	6443	6702	8578	7241	16.09	cps
Tin	118-1	10780	11464	11472	11238	3.54	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	M3713-01A	Instrumnet Name :	P8
Client Sample ID :	JCF03A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:14:21	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	336085	338352	336450	336962	0.36	cps
Uranium	238-1	6494	6168	6060	6241	3.62	cps
Vanadium	51-2	214182	212427	214773	213794	0.57	cps
Ytterbium	172-1	7294	7052	7169	7172	1.69	cps
Ytterbium	172-2	2850	2906	3045	2934	3.42	cps
Ytterbium	176-1	6769	7019	6877	6888	1.82	cps
Ytterbium	176-2	3512	3595	3489	3532	1.58	cps
Yttrium	89-1	31939939	33715629	32691780	32782449	2.72	cps
Yttrium	89-2	2817164	2734032	2761266	2770821	1.53	cps
Zinc	66-2	44822	44432	45705	44986	1.45	cps
Zirconium	90-1	41387	42156	43767	42437	2.86	cps
Zirconium	91-1	9237	9212	9262	9237	0.27	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:18:01	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3194476	3195996	3199049	3196507	0.07	cps
Antimony	121-1	4037629	4050895	3994909	4027811	0.73	cps
Arsenic	75-2	102026	102303	102757	102362	0.36	cps
Barium	135-1	5161835	5169656	5158268	5163253	0.11	cps
Barium	137-1	8680360	8806489	8795975	8760941	0.80	cps
Beryllium	9-1	1650623	1607798	1565658	1608027	2.64	cps
Bismuth	209-1	14524128	14224802	13306948	14018626	4.52	cps
Bismuth	209-2	5408548	5448129	5461907	5439528	0.51	cps
Boron	10-1	186647	195257	196573	192826	2.80	cps
Boron	11-1	857011	906641	846160	869937	3.71	cps
Bromine	81-1	7870	7630	7370	7623	3.29	cps
Cadmium	111-1	1086936	1092142	1099689	1092923	0.59	cps
Cadmium	106-1	132871	134630	135110	134204	0.88	cps
Cadmium	108-1	86427	88163	86905	87165	1.03	cps
Calcium	43-1	7945455	7714783	7979425	7879888	1.83	cps
Calcium	44-1	125421815	125832725	129184848	126813129	1.63	cps
Carbon	12-1	6882560	7192671	7361026	7145419	3.40	cps
Carbon	12-2	85264	86940	86907	86370	1.11	cps
Chlorine	35-1	9182816	8553794	8139329	8625313	6.09	cps
Chlorine	35-2	44695	43006	40967	42889	4.35	cps
Chromium	52-2	1130099	1131687	1134119	1131968	0.18	cps
Cobalt	59-2	2113293	2078259	2092013	2094522	0.84	cps
Copper	63-2	15757437	16040068	16020312	15939272	0.99	cps
Dysprosium	156-1	825	992	650	822	20.78	cps
Dysprosium	156-2	317	293	303	304	3.84	cps
Erbium	164-1	300	267	300	289	6.66	cps
Erbium	164-2	140	123	103	122	15.02	cps
Gadolinium	160-1	1167	1150	900	1072	13.93	cps
Gadolinium	160-2	397	343	357	366	7.59	cps
Holmium	165-1	25207735	24456277	23362199	24342071	3.81	cps
Holmium	165-2	8491787	8177880	8323104	8330923	1.89	cps
Indium	115-1	19103008	19001158	17892637	18665601	3.60	cps
Indium	115-2	2109388	2034414	2092969	2078924	1.90	cps
Iron	54-2	12449285	12444530	12575408	12489741	0.59	cps
Iron	56-2	225890849	222430561	223789511	224036974	0.78	cps
Iron	57-2	5616378	5637590	5756447	5670138	1.33	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:18:01	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	503	607	593	568	9.90	cps
Lead	206-1	16998349	17157678	16568568	16908198	1.80	cps
Lead	207-1	14814574	14581312	14766732	14720873	0.84	cps
Lead	208-1	68047397	68281535	66631780	67653571	1.32	cps
Lithium	6-1	12145842	11569052	11403827	11706240	3.33	cps
Magnesium	24-2	49401222	49184049	50248826	49611366	1.13	cps
Manganese	55-2	5727382	5771587	5810768	5769912	0.72	cps
Molybdenum	94-1	9141739	9153018	8959432	9084730	1.20	cps
Molybdenum	95-1	11285623	11144752	11139790	11190055	0.74	cps
Molybdenum	96-1	12379679	12396835	12307264	12361260	0.38	cps
Molybdenum	97-1	6734370	6789413	6642849	6722210	1.10	cps
Molybdenum	98-1	17730208	17757530	17585018	17690919	0.52	cps
Neodymium	150-1	293	333	207	278	23.31	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	532023	538137	540361	536840	0.80	cps
Phosphorus	31-2	31552	32320	31644	31838	1.32	cps
Potassium	39-2	14880873	14796539	15006389	14894600	0.71	cps
Rhodium	103-1	17543290	16746519	16321329	16870379	3.68	cps
Rhodium	103-2	6676602	6584275	6479818	6580232	1.50	cps
Scandium	45-1	14710061	14187114	13782128	14226434	3.27	cps
Scandium	45-2	365373	358411	361054	361613	0.97	cps
Selenium	82-1	84622	85868	85004	85165	0.75	cps
Selenium	77-2	2117	1907	1983	2002	5.31	cps
Selenium	78-2	6576	6441	6450	6489	1.16	cps
Silicon	28-1	4211578	4357204	4545630	4371471	3.83	cps
Silver	107-1	5199091	5336655	5276172	5270639	1.31	cps
Silver	109-1	5006476	5117266	5038092	5053944	1.13	cps
Sodium	23-2	95145869	92345444	94328375	93939896	1.53	cps
Strontium	86-1	14330671	14574508	14392448	14432542	0.88	cps
Strontium	88-1	123422061	125726299	122718169	123955510	1.27	cps
Sulfur	34-1	940390	934706	927745	934280	0.68	cps
Terbium	159-1	25335135	24724344	23924085	24661188	2.87	cps
Terbium	159-2	8193167	8057069	7976374	8075537	1.36	cps
Thallium	203-1	4149579	4194046	4158588	4167404	0.56	cps
Thallium	205-1	9882967	10030263	9830490	9914573	1.04	cps
Tin	118-1	3594642	3596057	3606929	3599209	0.19	cps

LB Number :	LB117141	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-15 17:18:01	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3551365	3642380	3624589	3606111	1.34	cps
Uranium	238-1	13309023	13672652	13075970	13352548	2.25	cps
Vanadium	51-2	918274	914200	918066	916847	0.25	cps
Ytterbium	172-1	83	117	83	94	20.37	cps
Ytterbium	172-2	50	22	44	39	37.80	cps
Ytterbium	176-1	19507	19465	19256	19409	0.69	cps
Ytterbium	176-2	7663	7725	7297	7562	3.06	cps
Yttrium	89-1	31785142	31337601	29911958	31011567	3.15	cps
Yttrium	89-2	2680481	2549774	2602409	2610888	2.52	cps
Zinc	66-2	1747055	1753973	1757818	1752949	0.31	cps
Zirconium	90-1	7817005	7845022	7726447	7796158	0.79	cps
Zirconium	91-1	1771976	1752335	1803658	1775990	1.46	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101	89	119	103	14.64	cps
Antimony	121-1	525	500	692	572	18.21	cps
Arsenic	75-2	6	7	3	5	39.03	cps
Barium	135-1	200	142	150	164	19.25	cps
Barium	137-1	217	283	200	233	18.90	cps
Beryllium	9-1	56	70	70	65	12.37	cps
Bismuth	209-1	13661664	15446125	15046477	14718089	6.36	cps
Bismuth	209-2	5848684	6229311	6259805	6112600	3.75	cps
Boron	10-1	3996	3988	3844	3942	2.17	cps
Boron	11-1	18252	17295	17249	17598	3.22	cps
Bromine	81-1	7360	7149	7580	7363	2.92	cps
Cadmium	111-1	794	867	829	830	4.40	cps
Cadmium	106-1	7686	8445	8269	8133	4.89	cps
Cadmium	108-1	29	33	33	32	7.52	cps
Calcium	43-1	387	347	314	349	10.39	cps
Calcium	44-1	16142	16288	16481	16304	1.04	cps
Carbon	12-1	4907060	4861541	4826206	4864936	0.83	cps
Carbon	12-2	51491	50111	51056	50886	1.39	cps
Chlorine	35-1	1616115	1572542	1528455	1572371	2.79	cps
Chlorine	35-2	9120	8611	8111	8614	5.86	cps
Chromium	52-2	747	777	717	747	4.02	cps
Cobalt	59-2	97	83	90	90	7.41	cps
Copper	63-2	890	910	957	919	3.72	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	133	192	200	175	20.76	cps
Erbium	164-2	20	53	30	34	49.66	cps
Gadolinium	160-1	175	208	100	161	34.44	cps
Gadolinium	160-2	23	57	60	47	43.45	cps
Holmium	165-1	21873193	23506052	24170291	23183179	5.10	cps
Holmium	165-2	8288026	8597499	8913032	8599519	3.63	cps
Indium	115-1	18472588	19815969	19714119	19334225	3.87	cps
Indium	115-2	2181673	2233876	2262838	2226129	1.85	cps
Iron	54-2	300	283	306	296	3.90	cps
Iron	56-2	2384	2345	2378	2369	0.89	cps
Iron	57-2	111	83	61	85	29.41	cps

LB Number : LB117141 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	597	527	657	593	10.97	cps
Lead	206-1	1233	1295	1311	1280	3.20	cps
Lead	207-1	1383	1061	1161	1202	13.72	cps
Lead	208-1	5212	4895	5173	5093	3.39	cps
Lithium	6-1	10957863	11924983	12105989	11662945	5.29	cps
Magnesium	24-2	342	375	317	344	8.50	cps
Manganese	55-2	157	220	213	197	17.69	cps
Molybdenum	94-1	717	692	667	692	3.61	cps
Molybdenum	95-1	292	200	200	231	22.95	cps
Molybdenum	96-1	408	308	342	353	14.43	cps
Molybdenum	97-1	125	125	142	131	7.37	cps
Molybdenum	98-1	467	358	392	406	13.68	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	47	30	39	21.57	cps
Phosphorus	31-2	83	100	108	97	13.09	cps
Potassium	39-2	10037	9704	10237	9993	2.70	cps
Rhodium	103-1	16779363	18355962	18350058	17828461	5.10	cps
Rhodium	103-2	7066618	7224493	7359895	7217002	2.03	cps
Scandium	45-1	13337087	14630232	14444931	14137417	4.95	cps
Scandium	45-2	355879	369038	377264	367393	2.94	cps
Selenium	82-1	-3	83	-69	4	2138.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	16	16	28	20	34.64	cps
Silicon	28-1	278686	276171	272374	275744	1.15	cps
Silver	107-1	458	442	283	394	24.49	cps
Silver	109-1	292	208	233	244	17.49	cps
Sodium	23-2	18854	18212	18412	18493	1.78	cps
Strontium	86-1	1158	1125	1042	1108	5.42	cps
Strontium	88-1	1267	1117	1150	1178	6.69	cps
Sulfur	34-1	450220	456490	458531	455080	0.95	cps
Terbium	159-1	23068686	24832630	24482710	24128009	3.87	cps
Terbium	159-2	8105939	8251927	8326236	8228034	1.36	cps
Thallium	203-1	1042	1208	992	1081	10.50	cps
Thallium	205-1	2400	2350	2417	2389	1.45	cps
Tin	118-1	1167	1067	850	1028	15.75	cps

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Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	175	150	194	29.17	cps
Uranium	238-1	25	33	33	31	15.74	cps
Vanadium	51-2	3	17	3	8	99.04	cps
Ytterbium	172-1	50	50	75	58	24.74	cps
Ytterbium	172-2	28	28	17	24	26.64	cps
Ytterbium	176-1	1900	2475	2517	2297	15.00	cps
Ytterbium	176-2	1522	1595	1650	1589	4.03	cps
Yttrium	89-1	29197022	31758628	32201318	31052323	5.22	cps
Yttrium	89-2	2533993	2724460	2782806	2680420	4.85	cps
Zinc	66-2	266	200	170	212	23.34	cps
Zirconium	90-1	1625	1600	1725	1650	4.01	cps
Zirconium	91-1	333	383	467	394	17.08	cps