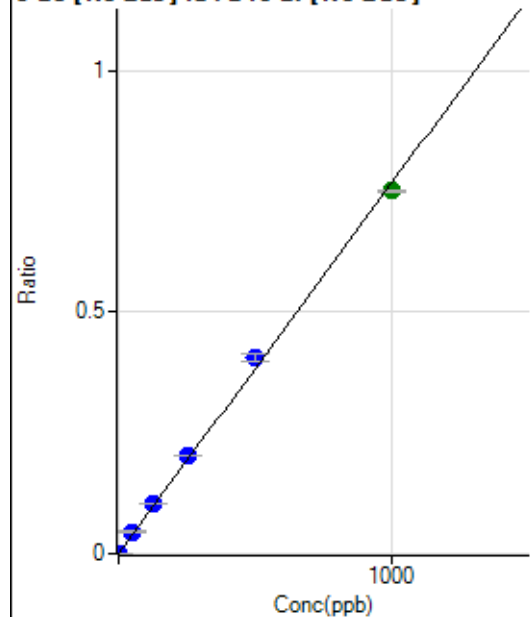


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121323 MS.b\
Analysis File: P7121323 MS.batch.bin
DA Date-Time: 2023-12-13 15:58:41
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-12-13 11:48:13
2	006CALS.d	S02	2023-12-13 11:54:46
3	007CALS.d	S03	2023-12-13 11:58:01
4	008CALS.d	S04	2023-12-13 12:01:06
5	009CALS.d	S05	2023-12-13 12:04:00
6	010CALS.d	S06	2023-12-13 12:06:50
7	011CALS.d	S07	2023-12-13 12:09:36
8	012CALS.d	S08	2023-12-13 12:12:23

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0000	P	41.5
2	☐	1.000	1.026	2146.83	0.0008	P	2.4
3	☐	50.000	58.799	111024.78	0.0451	P	7.2
4	☐	125.000	133.554	259284.18	0.1025	P	0.7
5	☐	250.000	263.321	491261.58	0.2020	P	0.3
6	☐	500.000	531.366	953263.68	0.4077	P	3.9
7	☐	1000.000	979.478	1758977.86	0.7514	A	0.7
8	☐			1027.83	0.0005	P	19.2

$$y = 7.6716\text{E-}004 * x + 2.6575\text{E-}005$$

$$R = 0.9992$$

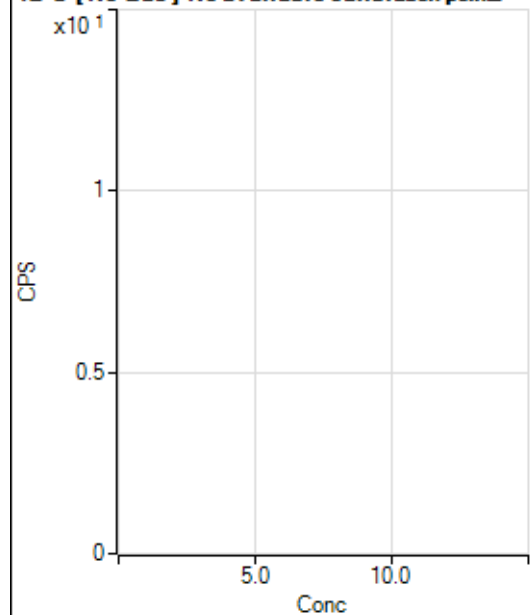
$$DL = 0.04313$$

$$BEC = 0.03464$$

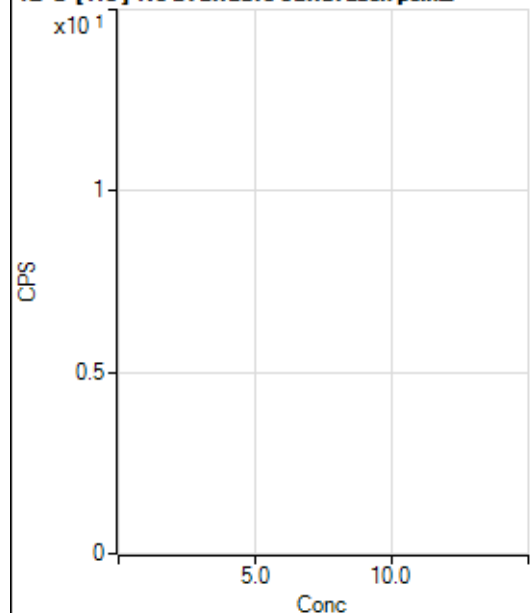
Weight: <None>

Min Conc: 0

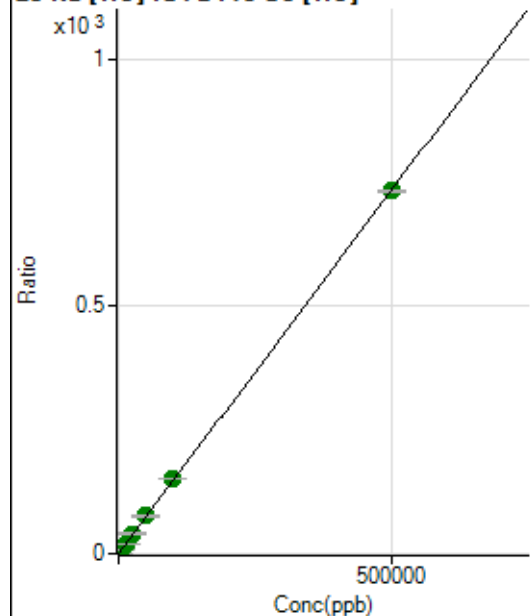
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18274.28	0.0467	P	2.3
2	☐	500.000	502.716	302708.57	0.7855	P	1.1
3	☐	5000.000	5325.400	2910859.85	7.8732	A	2.0
4	☐	12500.000	13108.053	6784742.82	19.3109	A	2.4
5	☐	25000.000	27512.467	13421760.77	40.4804	A	2.9
6	☐	50000.000	51644.068	26204550.44	75.9453	A	0.6
7	☐	100000.00	102794.05	52525860.33	151.1178	A	0.5
8	☐	500000.00	499132.70	243403709.7	733.5959	A	0.8

$$y = 0.0015 * x + 0.0467$$

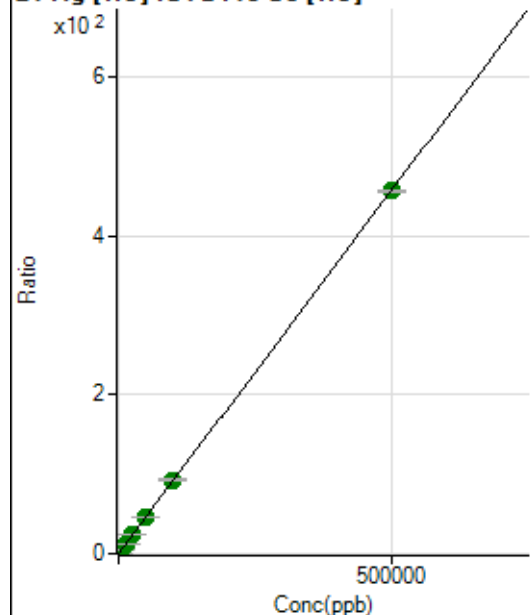
$$R = 1.0000$$

$$DL = 2.217$$

$$BEC = 31.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	455.57	0.0012	P	6.9
2	☐	500.000	498.462	176023.08	0.4568	P	0.8
3	☐	5000.000	5343.334	1806139.33	4.8853	A	1.5
4	☐	12500.000	13076.167	4200223.27	11.9535	A	1.9
5	☐	25000.000	27367.038	8294429.74	25.0161	A	3.0
6	☐	50000.000	51188.659	16144795.04	46.7903	A	0.4
7	☐	100000.00	101714.12	32315398.41	92.9733	A	0.8
8	☐	500000.00	499402.12	151461099.9	456.4813	A	0.5

$$y = 9.1405\text{E-}004 * x + 0.0012$$

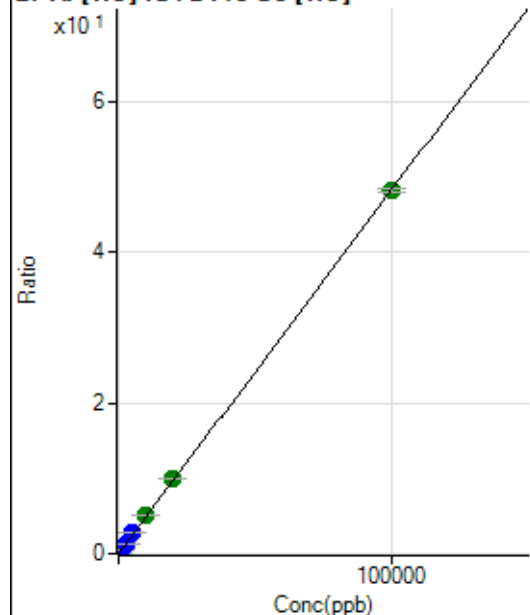
$$R = 1.0000$$

$$DL = 0.263$$

$$BEC = 1.274$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	186.67	0.0005	P	14.2
2	☐	20.000	19.747	3852.74	0.0100	P	1.8
3	☐	1000.000	1118.012	199470.90	0.5395	P	1.3
4	☐	2500.000	2754.917	466926.71	1.3287	P	1.6
5	☐	5000.000	5791.102	925758.76	2.7926	P	3.7
6	☐	10000.000	10461.149	1740454.94	5.0442	A	1.2
7	☐	20000.000	20699.248	3468944.85	9.9804	A	0.9
8	☐	100000.00	99766.927	15959719.48	48.1018	A	1.0

$$y = 4.8214\text{E-}004 * x + 4.7745\text{E-}004$$

$$R = 1.0000$$

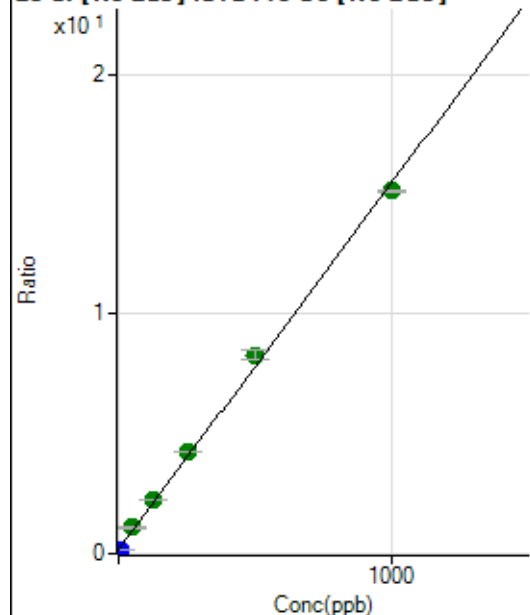
$$DL = 0.423$$

$$BEC = 0.9903$$

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	823139.38	0.1680	P	0.4
2	☐	10.000	0.293	841273.01	0.1724	P	0.9
3	☐	50.000	60.733	4912410.87	1.0962	A	8.8
4	☐	125.000	135.417	9983254.78	2.2377	A	0.1
5	☐	250.000	266.668	17886642.10	4.2437	A	0.9
6	☐	500.000	530.890	33747513.11	8.2820	A	4.5
7	☐	1000.000	978.646	63596586.28	15.1254	A	0.8
8	☐			846952.46	0.2062	P	1.5

$$y = 0.0153 * x + 0.1680$$

$$R = 0.9989$$

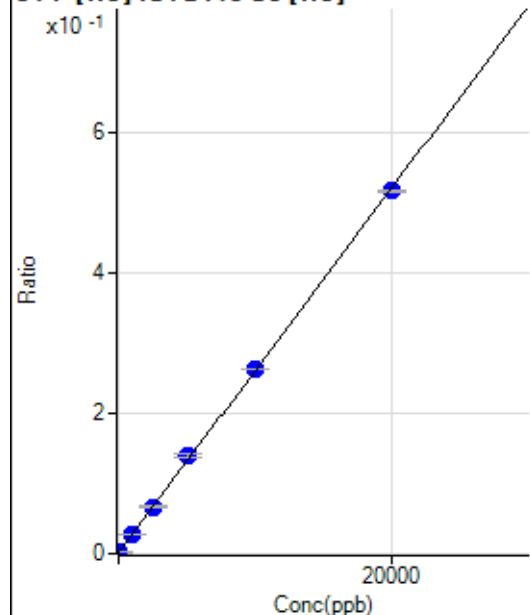
$$DL = 0.1439$$

$$BEC = 10.99$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.694	310.01	0.0008	P	8.7
2	☐	0.000	16.694	638.91	0.0017	P	3.5
3	☐	1000.000	1015.621	10181.24	0.0275	P	2.8
4	☐	2500.000	2537.725	23531.52	0.0670	P	3.6
5	☐	5000.000	5336.497	46238.56	0.1395	P	4.0
6	☐	10000.000	10097.398	90690.97	0.2628	P	0.4
7	☐	20000.000	19861.680	179289.62	0.5158	P	0.6
8	☐			370.01	0.0011	P	2.1

$$y = 2.5909E-005 * x + 0.0012$$

$$R = 0.9998$$

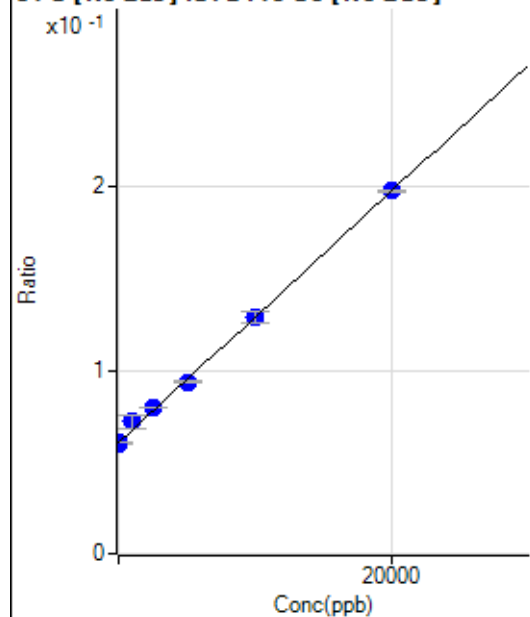
$$DL = 7.358$$

$$BEC = 47.29$$

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	-36.451	295645.93	0.0603	P	0.4
2	☐	0.000	36.451	296760.00	0.0608	P	0.4
3	☐	1000.000	1664.185	322630.83	0.0720	P	9.2
4	☐	2500.000	2726.781	353865.19	0.0793	P	0.1
5	☐	5000.000	4849.146	395810.21	0.0939	P	1.2
6	☐	10000.000	9954.690	525521.54	0.1290	P	5.2
7	☐	20000.000	19998.812	832663.54	0.1980	P	0.6
8	☐			209425.63	0.0510	P	4.4

$$y = 6.8733\text{E-}006 * x + 0.0606$$

$$R = 0.9994$$

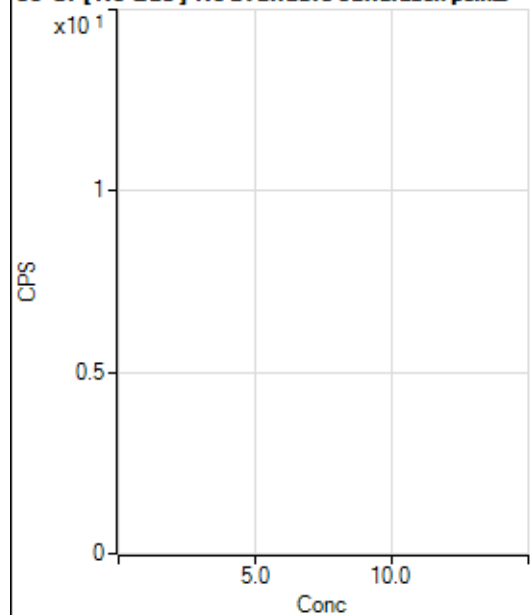
$$DL = 104.7$$

$$BEC = 8813$$

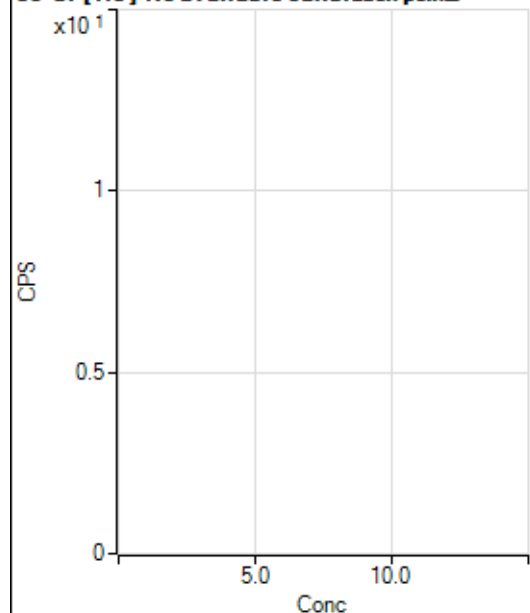
Weight: <None>

Min Conc: 0

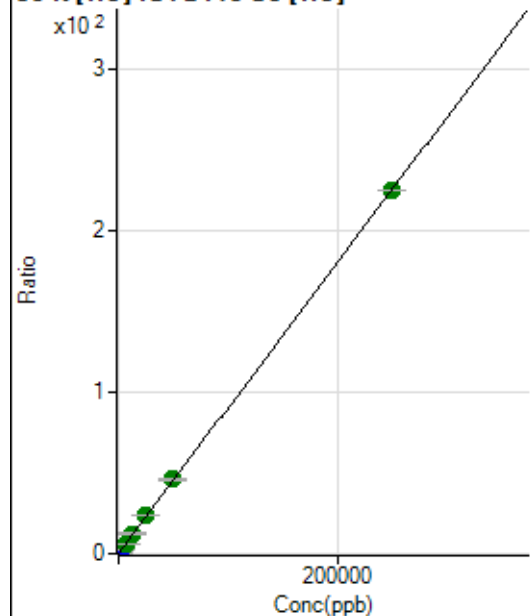
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	59129.81	0.1512	P	0.3
2	☐	500.000	512.301	235995.87	0.6124	P	0.8
3	☐	2500.000	2857.333	1006974.00	2.7236	P	1.2
4	☐	6250.000	6420.358	2083837.78	5.9313	A	2.8
5	☐	12500.000	13589.047	4106039.25	12.3852	A	3.4
6	☐	25000.000	25775.208	8058838.21	23.3561	A	0.7
7	☐	50000.000	50825.554	15956971.98	45.9084	A	1.0
8	☐	250000.00	249695.05	74637920.55	224.9468	A	0.1

$$y = 9.0028\text{E-}004 * x + 0.1512$$

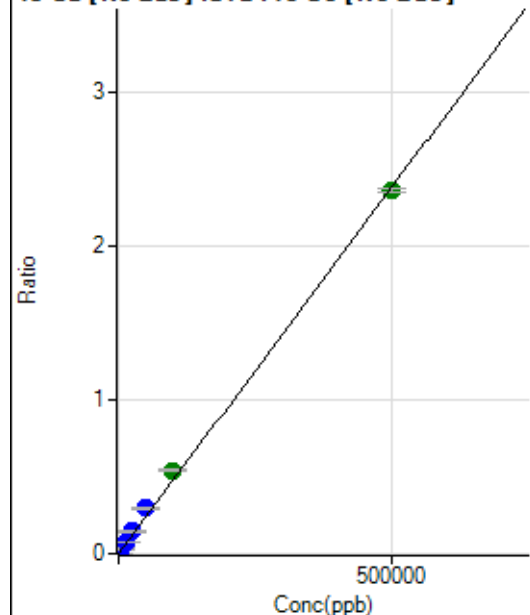
$$R = 1.0000$$

$$DL = 1.5$$

$$BEC = 167.9$$

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	714.47	0.0001	P	7.5
2	☐	500.000	492.593	12168.30	0.0025	P	1.8
3	☐	5000.000	6494.405	139279.96	0.0311	P	10.0
4	☐	12500.000	15099.095	321719.24	0.0721	P	1.2
5	☐	25000.000	30294.893	609243.62	0.1446	P	1.7
6	☐	50000.000	62046.844	1205832.99	0.2959	P	4.3
7	☐	100000.00	114199.17	2289506.89	0.5445	A	1.1
8	☐	500000.00	495610.82	9701864.16	2.3626	A	1.0

$$y = 4.7668\text{E-}006 * x + 1.4579\text{E-}004$$

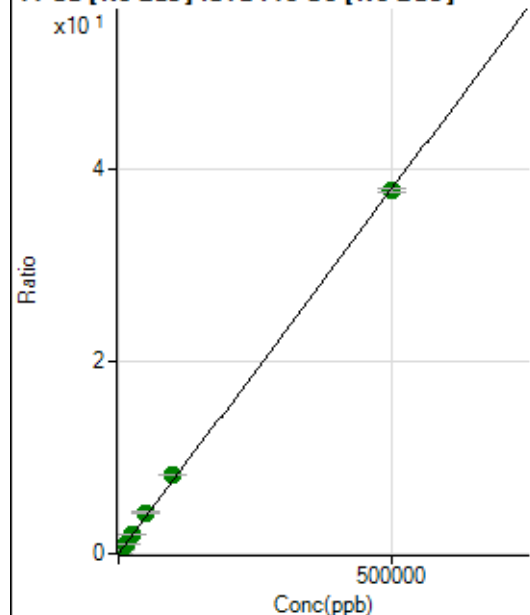
$$R = 0.9994$$

$$DL = 6.871$$

$$BEC = 30.58$$

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	7693.16	0.0016	P	2.6
2	☐	500.000	503.716	193617.66	0.0397	P	1.0
3	☐	5000.000	5867.379	1996964.15	0.4455	A	8.5
4	☐	12500.000	13524.226	4572138.23	1.0249	A	0.9
5	☐	25000.000	27318.801	8719040.22	2.0687	A	1.4
6	☐	50000.000	56049.205	17290581.97	4.2426	A	4.0
7	☐	100000.00	107478.43	34202449.21	8.1341	A	0.4
8	☐	500000.00	497749.17	154663916.5	37.6646	A	1.1

$$y = 7.5667\text{E-}005 * x + 0.0016$$

$$R = 0.9998$$

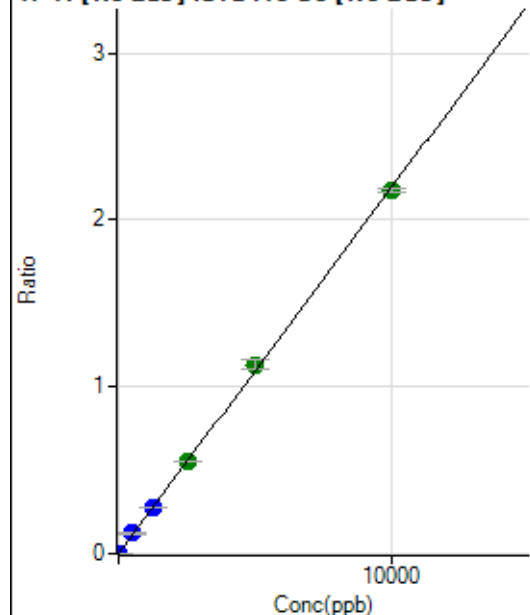
$$DL = 1.636$$

$$BEC = 20.74$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	121.11	0.0000	P	17.0
2	☐	5.000	4.785	5242.07	0.0011	P	3.4
3	☐	500.000	552.365	542868.78	0.1212	P	9.6
4	☐	1250.000	1278.587	1251419.93	0.2805	P	0.8
5	☐	2500.000	2513.010	2323641.72	0.5513	A	1.5
6	☐	5000.000	5165.223	4617379.44	1.1332	A	4.5
7	☐	10000.000	9907.944	9139186.25	2.1736	A	1.2
8	☐			3889.43	0.0009	P	14.0

$$y = 2.1938\text{E-}004 * x + 2.4726\text{E-}005$$

$$R = 0.9998$$

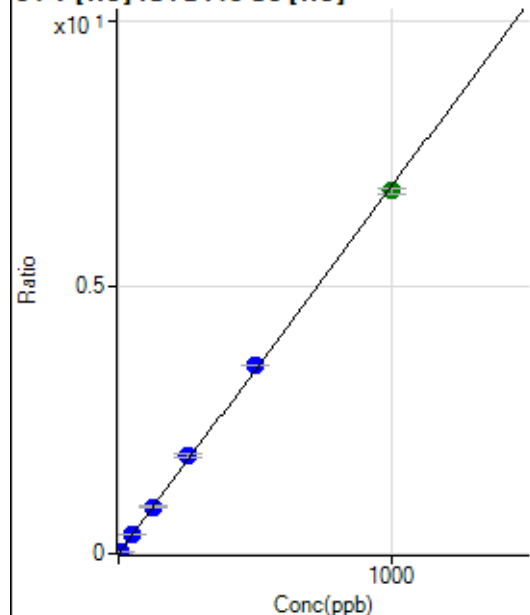
$$DL = 0.05753$$

$$BEC = 0.1127$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	125.
2	☐	5.000	4.710	12511.92	0.0325	P	1.8
3	☐	50.000	52.682	134239.55	0.3631	P	0.9
4	☐	125.000	126.908	307285.14	0.8746	P	2.5
5	☐	250.000	268.500	613387.25	1.8504	P	4.0
6	☐	500.000	514.129	1222550.68	3.5432	P	0.2
7	☐	1000.000	987.939	2366478.68	6.8084	A	1.6
8	☐			751.14	0.0023	P	3.2

$$y = 0.0069 * x + 1.4230\text{E-}005$$

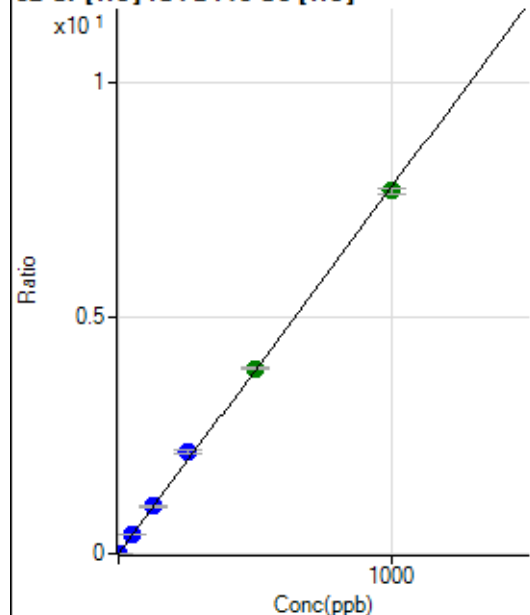
$$R = 0.9996$$

$$DL = 0.00775$$

$$BEC = 0.002065$$

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	1078.94	0.0028	P	7.8
2	☐	2.000	1.984	7007.25	0.0182	P	3.9
3	☐	50.000	53.783	155619.04	0.4209	P	0.2
4	☐	125.000	130.147	356396.10	1.0146	P	3.4
5	☐	250.000	277.567	716221.21	2.1607	P	4.1
6	☐	500.000	505.733	1357588.17	3.9346	A	1.1
7	☐	1000.000	989.409	2674485.74	7.6949	A	1.7
8	☐			14799.56	0.0446	P	1.0

$$y = 0.0078 * x + 0.0028$$

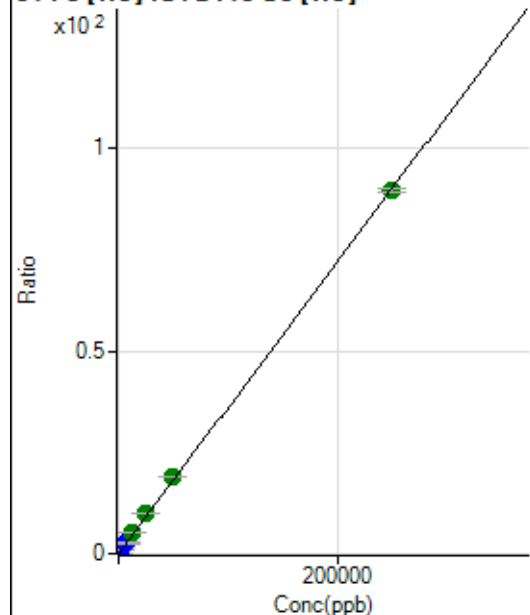
$$R = 0.9995$$

$$DL = 0.08287$$

$$BEC = 0.3549$$

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	1074.49	0.0027	P	6.2
2	☐	50.000	55.527	8754.84	0.0227	P	0.8
3	☐	2500.000	2986.791	398180.84	1.0770	P	1.3
4	☐	6250.000	7284.233	921553.80	2.6226	P	1.6
5	☐	12500.000	14420.032	1720178.92	5.1890	A	3.9
6	☐	25000.000	27266.960	3384704.81	9.8095	A	0.5
7	☐	50000.000	53122.757	6641711.71	19.1088	A	1.2
8	☐	250000.00	249022.02	29717078.17	89.5654	A	1.1

$$y = 3.5966E-004 * x + 0.0027$$

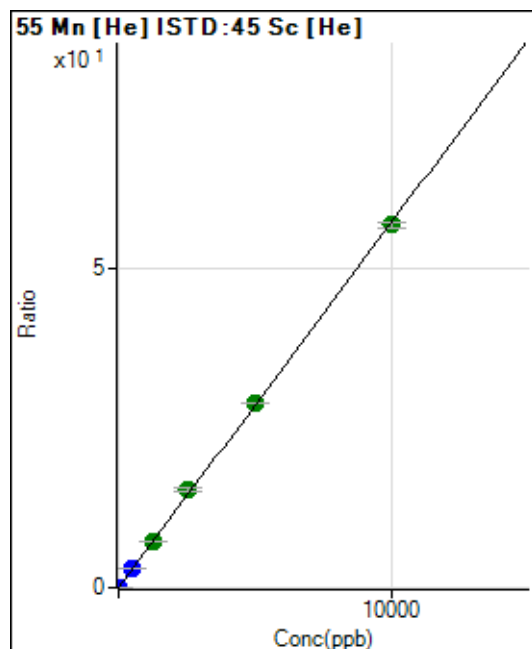
$$R = 0.9999$$

$$DL = 1.41$$

$$BEC = 7.64$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.55	0.0001	P	7.2
2	☐	1.000	0.949	2141.28	0.0056	P	5.2
3	☐	500.000	533.308	1124891.25	3.0426	P	1.2
4	☐	1250.000	1253.658	2513382.22	7.1520	A	1.4
5	☐	2500.000	2684.685	5077771.49	15.3158	A	3.3
6	☐	5000.000	5039.719	9920395.75	28.7508	A	0.3
7	☐	10000.000	9931.847	19693419.43	56.6595	A	1.3
8	☐			11647.93	0.0351	P	4.6

$$y = 0.0057 * x + 1.4207E-004$$

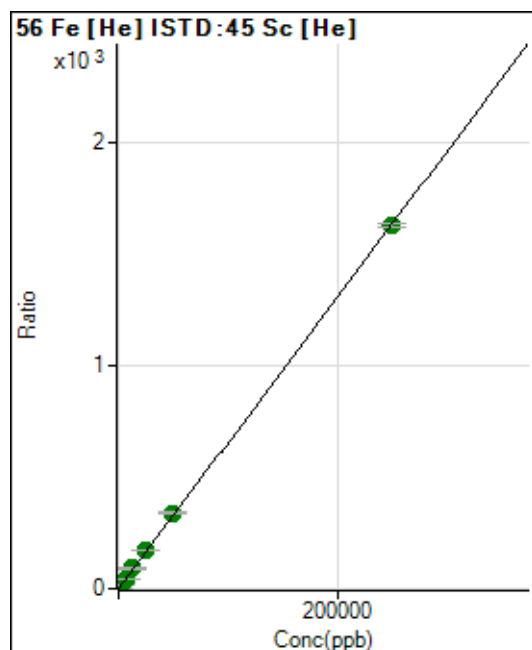
$$R = 0.9998$$

$$DL = 0.005394$$

$$BEC = 0.0249$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6055.72	0.0155	P	3.6
2	☐	50.000	53.435	140081.98	0.3635	P	0.5
3	☐	2500.000	2712.465	6537451.50	17.6819	A	1.6
4	☐	6250.000	6607.777	15127818.66	43.0523	A	1.8
5	☐	12500.000	14092.081	30430423.99	91.7980	A	3.9
6	☐	25000.000	26443.951	59433006.89	172.2464	A	0.1
7	☐	50000.000	52096.645	117942591.5	339.3239	A	0.6
8	☐	250000.00	249345.60	538835800.8	1,624.017	A	0.9

$$y = 0.0065 * x + 0.0155$$

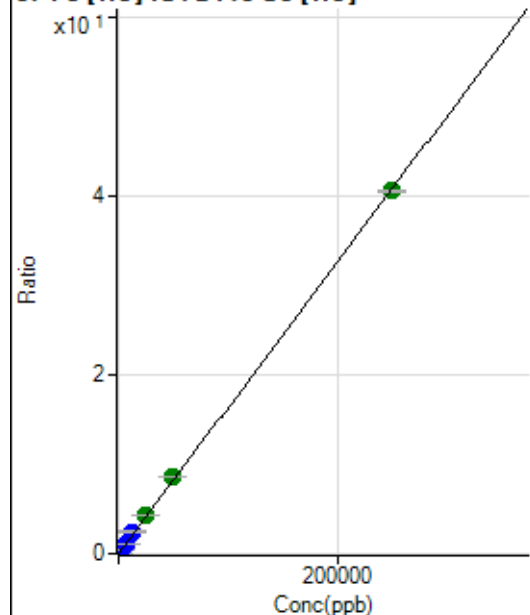
$$R = 0.9999$$

$$DL = 0.2534$$

$$BEC = 2.378$$

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	711.13	0.0018	P	11.7
2	☐	50.000	56.839	4265.08	0.0111	P	5.1
3	☐	2500.000	2929.702	176969.97	0.4786	P	0.6
4	☐	6250.000	7123.851	407954.65	1.1613	P	2.9
5	☐	12500.000	15140.039	817442.27	2.4659	P	3.9
6	☐	25000.000	26578.106	1493194.84	4.3275	A	0.3
7	☐	50000.000	52537.561	2972705.44	8.5525	A	0.6
8	☐	250000.00	249176.53	13456330.91	40.5564	A	0.9

$$y = 1.6275E-004 * x + 0.0018$$

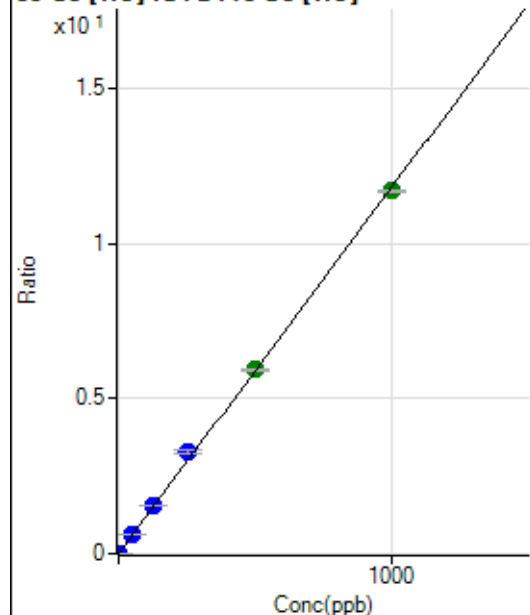
R = 0.9999

DL = 3.911

BEC = 11.17

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	55.55	0.0001	P	12.5
2	☐	1.000	1.040	4788.59	0.0124	P	3.2
3	☐	50.000	54.270	237123.27	0.6414	P	1.3
4	☐	125.000	131.052	544090.91	1.5486	P	2.2
5	☐	250.000	276.373	1082600.52	3.2656	P	3.6
6	☐	500.000	502.898	2050253.67	5.9420	A	0.8
7	☐	1000.000	990.988	4069799.14	11.7090	A	0.8
8	☐			11877.01	0.0358	P	1.5

$$y = 0.0118 * x + 1.4205E-004$$

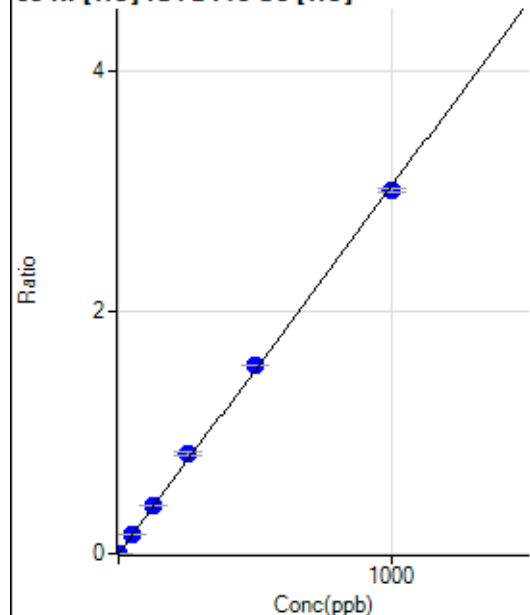
R = 0.9996

DL = 0.004497

BEC = 0.01202

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	88.89	0.0002	P	14.5
2	☐	1.000	1.032	1297.84	0.0034	P	6.7
3	☐	50.000	53.694	60457.78	0.1635	P	1.4
4	☐	125.000	130.381	139394.42	0.3968	P	2.6
5	☐	250.000	273.195	275508.86	0.8311	P	3.8
6	☐	500.000	512.330	537707.61	1.5584	P	0.3
7	☐	1000.000	987.179	1043599.22	3.0025	P	1.0
8	☐			4826.38	0.0145	P	1.3

$$y = 0.0030 * x + 2.2735E-004$$

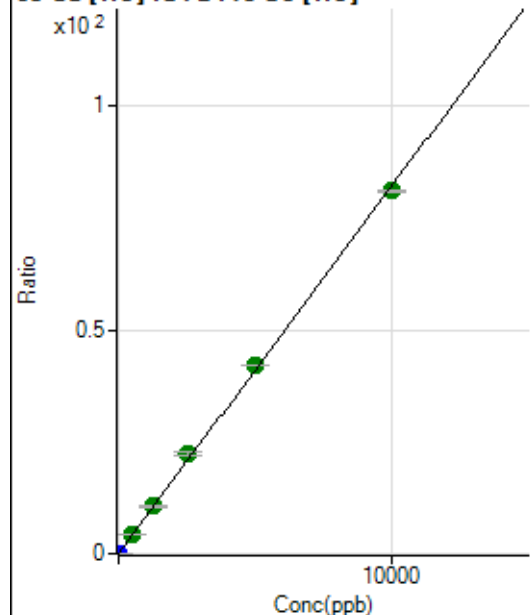
$$R = 0.9996$$

$$DL = 0.03251$$

$$BEC = 0.07476$$

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	4635.20	0.0119	P	2.6
2	☐	2.000	1.891	10552.70	0.0274	P	0.6
3	☐	500.000	542.754	1652803.99	4.4701	A	1.4
4	☐	1250.000	1298.608	3751561.37	10.6788	A	2.9
5	☐	2500.000	2710.405	7384012.32	22.2755	A	4.1
6	☐	5000.000	5124.626	14528624.78	42.1062	A	0.5
7	☐	10000.000	9876.872	28203234.58	81.1418	A	0.7
8	☐			11048.59	0.0333	P	6.8

$$y = 0.0082 * x + 0.0119$$

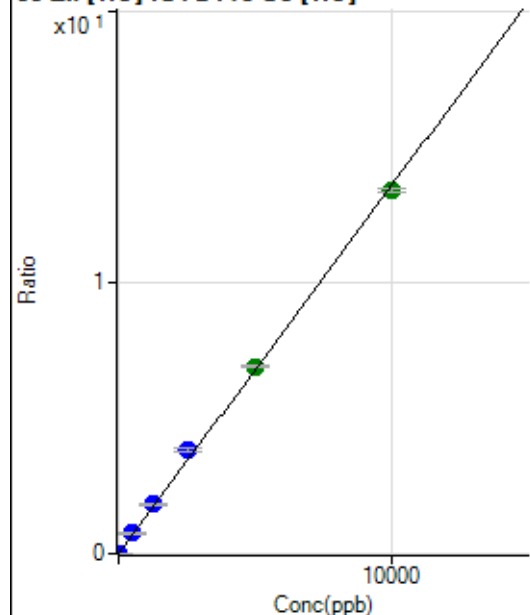
$$R = 0.9996$$

$$DL = 0.1138$$

$$BEC = 1.443$$

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	284.45	0.0007	P	24.1
2	☐	5.000	4.789	2785.84	0.0072	P	3.1
3	☐	500.000	549.140	275935.02	0.7463	P	0.8
4	☐	1250.000	1347.899	643205.03	1.8308	P	2.7
5	☐	2500.000	2831.672	1274814.55	3.8454	P	3.6
6	☐	5000.000	5084.660	2382341.09	6.9043	A	0.8
7	☐	10000.000	9860.058	4653487.02	13.3880	A	1.0
8	☐			5039.78	0.0152	P	3.6

$$y = 0.0014 * x + 7.2702E-004$$

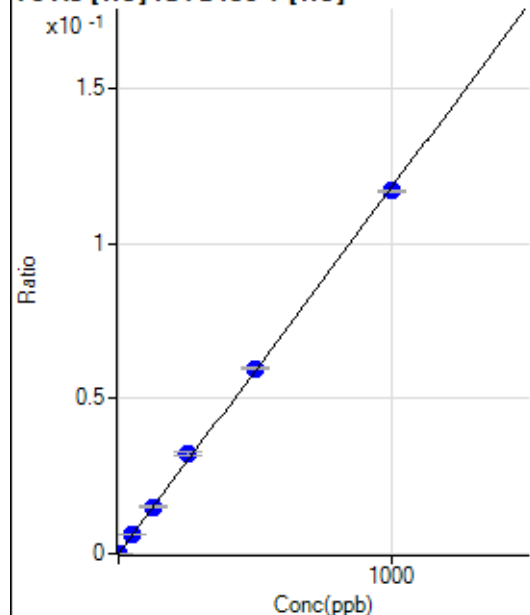
$$R = 0.9993$$

$$DL = 0.3865$$

$$BEC = 0.5355$$

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	0.00	0.0000	P	
2	☐	1.000	1.111	385.56	0.0001	P	10.2
3	☐	50.000	53.334	17656.14	0.0063	P	2.2
4	☐	125.000	128.527	40735.76	0.0152	P	0.8
5	☐	250.000	271.090	80765.81	0.0320	P	4.0
6	☐	500.000	505.946	158926.06	0.0598	P	1.4
7	☐	1000.000	991.146	317295.34	0.1172	P	0.5
8	☐			198.89	0.0001	P	9.2

$$y = 1.1821E-004 * x + 0.0000E+000$$

$$R = 0.9997$$

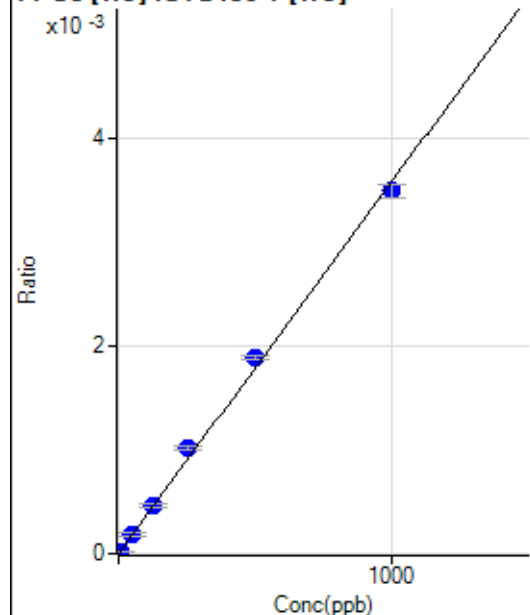
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.222	44.44	0.0000	P	3.5
3	☐	50.000	51.481	516.68	0.0002	P	13.2
4	☐	125.000	129.075	1240.07	0.0005	P	6.8
5	☐	250.000	284.561	2571.36	0.0010	P	4.1
6	☐	500.000	528.843	5038.68	0.0019	P	1.7
7	☐	1000.000	976.359	9478.67	0.0035	P	3.4
8	☐			65.56	0.0000	P	17.7

$$y = 3.5850\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9986$$

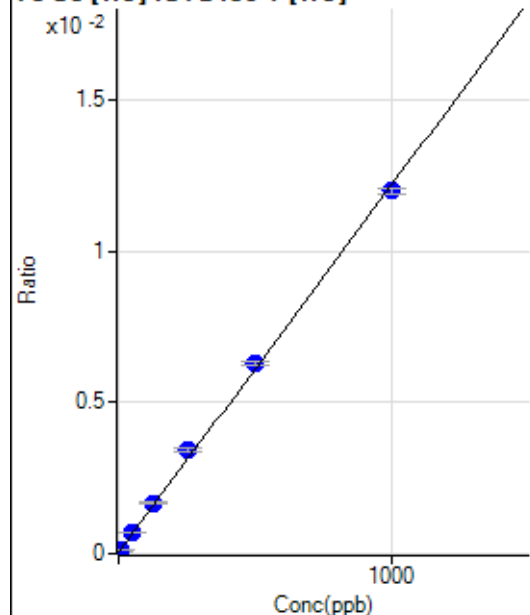
$$DL = 0$$

$$BEC = 0$$

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	125.56	0.0000	P	31.3
2	☐	5.000	5.077	306.67	0.0001	P	9.9
3	☐	50.000	54.272	1964.60	0.0007	P	6.6
4	☐	125.000	133.532	4457.37	0.0017	P	4.2
5	☐	250.000	277.349	8590.35	0.0034	P	3.9
6	☐	500.000	514.824	16712.86	0.0063	P	1.8
7	☐	1000.000	984.470	32466.68	0.0120	P	1.5
8	☐			243.34	0.0001	P	22.0

$$y = 1.2134\text{E-}005 * x + 4.2912\text{E-}005$$

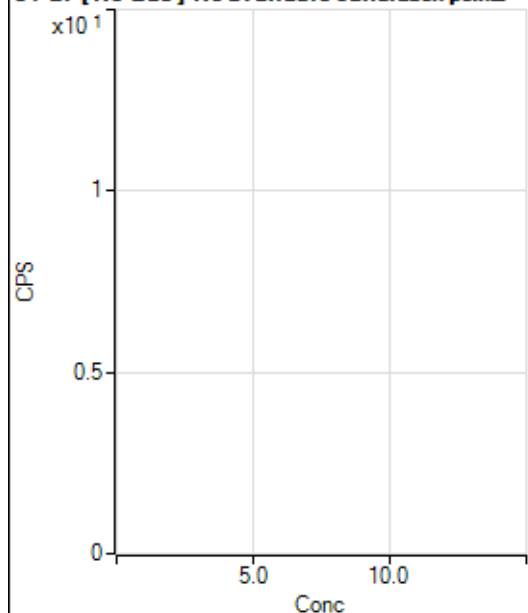
$$R = 0.9994$$

$$DL = 3.316$$

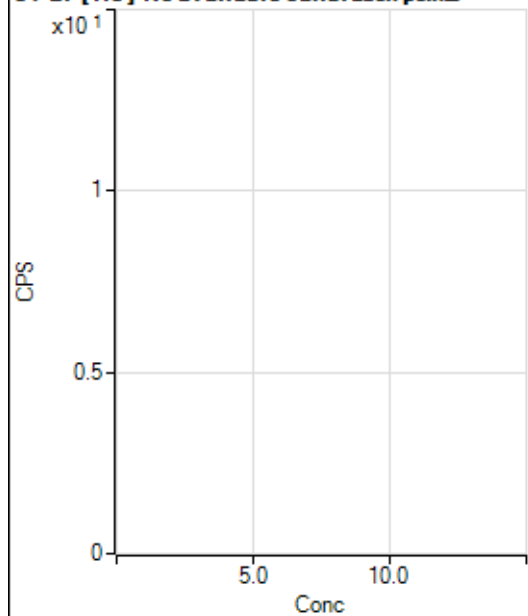
$$BEC = 3.537$$

Weight: <None>

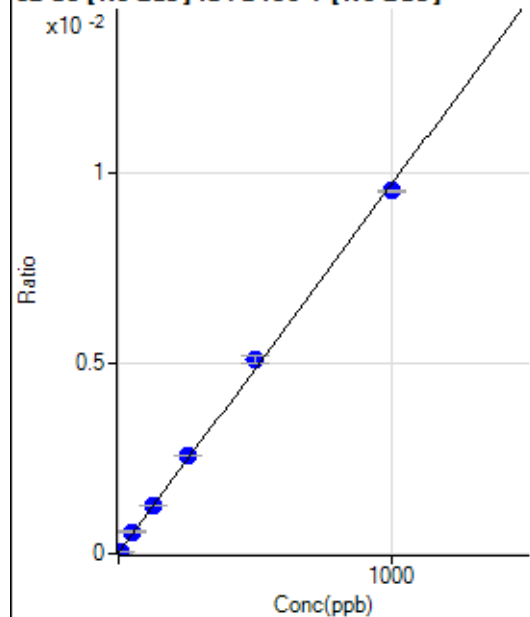
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9615.46		P	2.7
2	☐			9810.00		P	1.7
3	☐			9190.74		P	1.2
4	☐			8294.61		P	0.6
5	☐			8017.81		P	2.0
6	☐			8048.96		P	3.7
7	☐			8386.90		P	2.0
8	☐			10146.91		P	4.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			106.67		P	13.6
2	☐			121.11		P	23.4
3	☐			97.78		P	18.8
4	☐			87.78		P	21.6
5	☐			77.78		P	19.3
6	☐			90.00		P	9.8
7	☐			110.00		P	24.1
8	☐			303.34		P	15.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.38	0.0000	P	13.7
2	☐	5.000	4.755	889.50	0.0001	P	7.3
3	☐	50.000	56.346	6952.09	0.0006	P	9.1
4	☐	125.000	129.745	15965.59	0.0013	P	0.4
5	☐	250.000	263.016	30662.69	0.0026	P	1.0
6	☐	500.000	525.838	59551.57	0.0051	P	4.6
7	☐	1000.000	982.918	114833.06	0.0095	P	0.4
8	☐			910.98	0.0001	P	3.4

$$y = 9.6612\text{E-}006 * x + 2.1466\text{E-}005$$

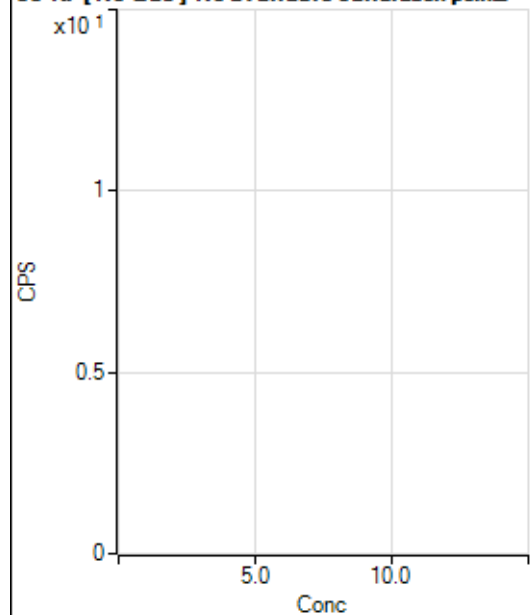
$$R = 0.9994$$

$$DL = 0.9143$$

$$BEC = 2.222$$

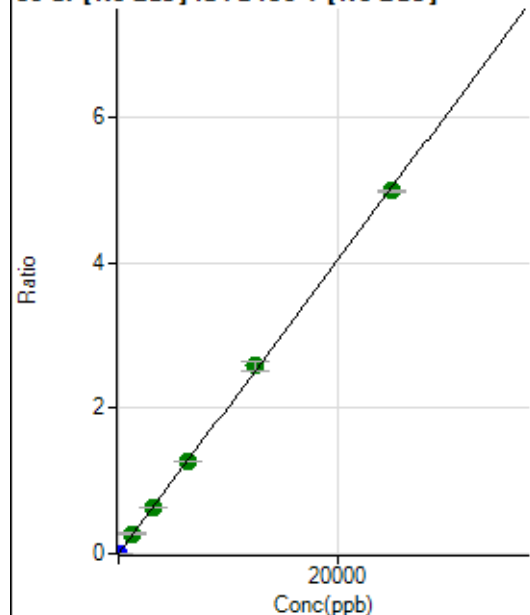
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			157.78		P	6.8
2	☐			153.34		P	4.3
3	☐			164.45		P	5.1
4	☐			141.11		P	28.0
5	☐			125.56		P	33.2
6	☐			170.00		P	39.4
7	☐			160.00		P	9.1
8	☐			168.89		P	25.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	254.45	0.0000	P	1.4
2	☐	1.000	0.889	2615.82	0.0002	P	3.9
3	☐	1250.000	1345.383	3325028.56	0.2707	A	9.6
4	☐	3125.000	3102.957	7819224.40	0.6244	A	0.8
5	☐	6250.000	6344.088	15275890.88	1.2766	A	0.4
6	☐	12500.000	12872.439	30230478.72	2.5903	A	5.1
7	☐	25000.000	24788.245	60181368.55	4.9880	A	0.3
8	☐			22178.38	0.0019	P	20.4

$$y = 2.0122\text{E-}004 * x + 1.9272\text{E-}005$$

$$R = 0.9998$$

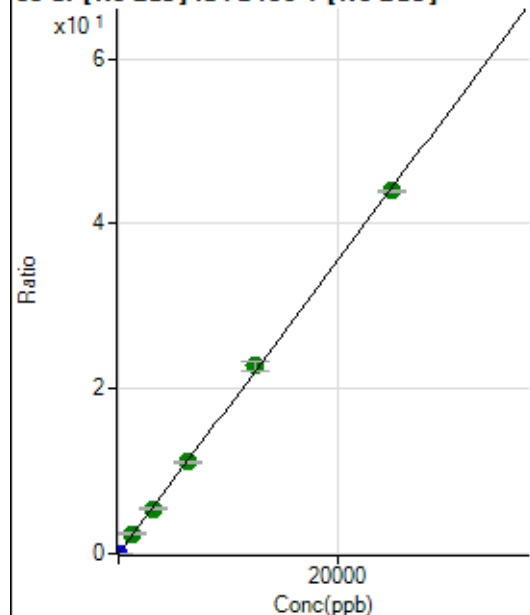
$$DL = 0.003891$$

$$BEC = 0.09577$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	2.3
2	☐	1.000	0.931	21901.96	0.0017	P	0.8
3	☐	1250.000	1330.492	28934341.79	2.3561	A	9.8
4	☐	3125.000	3088.648	68493085.65	5.4695	A	1.0
5	☐	6250.000	6283.818	133149273.5	11.1277	A	1.2
6	☐	12500.000	12831.910	265194413.8	22.7233	A	5.3
7	☐	25000.000	24826.110	530443054.3	43.9632	A	0.3
8	☐			194522.63	0.0171	P	20.8

$$y = 0.0018 * x + 1.1361\text{E-}005$$

$$R = 0.9999$$

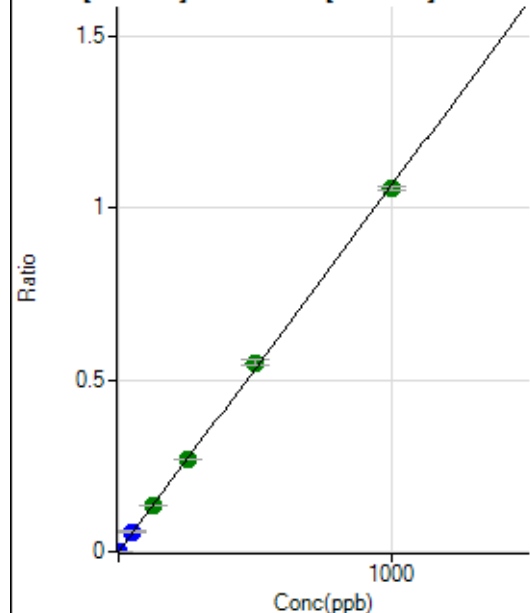
$$DL = 0.0004483$$

$$BEC = 0.006416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.24	0.0000	P	8.1
2	☐	1.000	0.903	13203.82	0.0010	P	0.6
3	☐	50.000	54.718	716942.49	0.0584	P	9.3
4	☐	125.000	124.291	1659648.90	0.1325	A	0.7
5	☐	250.000	252.349	3219256.93	0.2690	A	1.3
6	☐	500.000	516.978	6435219.35	0.5511	A	3.7
7	☐	1000.000	990.777	12743735.23	1.0562	A	1.0
8	☐			9337.50	0.0008	P	9.4

$$y = 0.0011 * x + 3.8041E-005$$

$$R = 0.9998$$

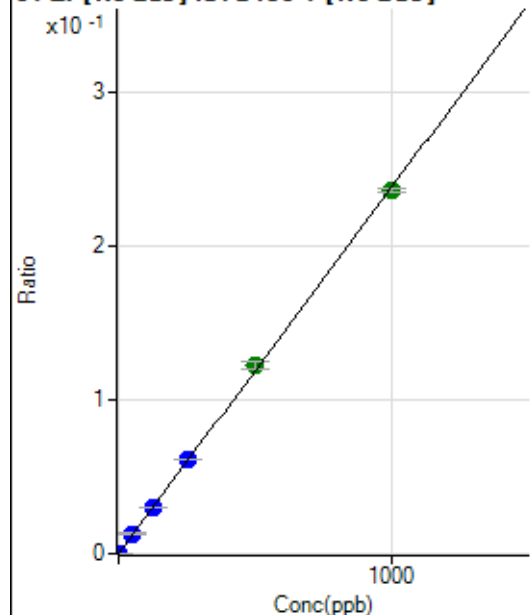
$$DL = 0.008659$$

$$BEC = 0.03569$$

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	96.67	0.0000	P	21.0
2	☐	1.000	0.902	2933.65	0.0002	P	4.6
3	☐	50.000	54.777	160411.28	0.0131	P	9.8
4	☐	125.000	125.977	376093.00	0.0300	P	0.8
5	☐	250.000	256.417	731386.44	0.0611	P	1.2
6	☐	500.000	514.838	1432658.21	0.1227	A	4.2
7	☐	1000.000	990.616	2848991.80	0.2361	A	1.0
8	☐			2079.06	0.0002	P	11.8

$$y = 2.3834E-004 * x + 7.3213E-006$$

$$R = 0.9998$$

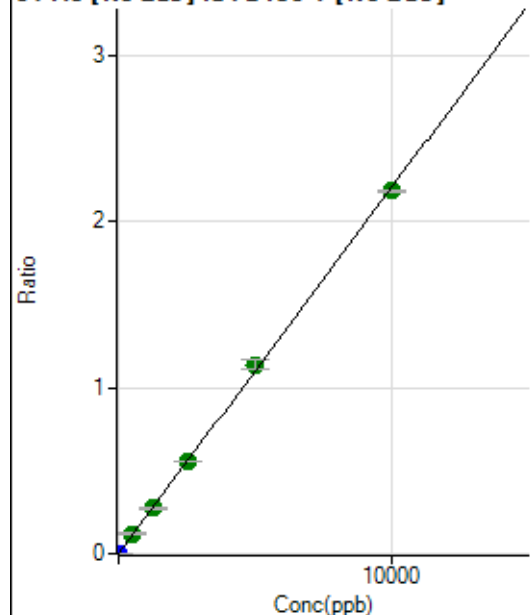
$$DL = 0.01931$$

$$BEC = 0.03072$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	193.34	0.0000	P	6.0
2	☐	5.000	5.264	15489.40	0.0012	P	0.9
3	☐	500.000	538.572	1456284.65	0.1186	A	10.0
4	☐	1250.000	1237.599	3412815.12	0.2725	A	1.0
5	☐	2500.000	2516.206	6630068.65	0.5541	A	0.7
6	☐	5000.000	5164.062	13270731.47	1.1371	A	5.2
7	☐	10000.000	9913.539	26338822.11	2.1830	A	0.4
8	☐			13497.48	0.0012	P	13.6

$$y = 2.2020\text{E-}004 * x + 1.4642\text{E-}005$$

R = 0.9998

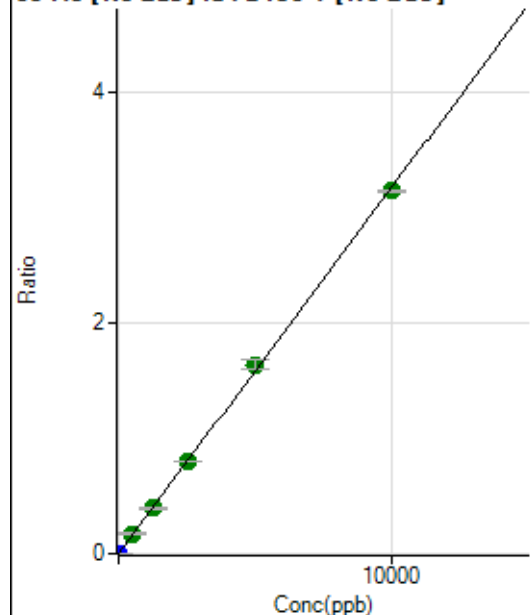
DL = 0.01205

BEC = 0.0665

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0000	P	32.9
2	☐	5.000	4.570	19132.60	0.0014	P	1.2
3	☐	500.000	534.823	2079980.52	0.1694	A	9.8
4	☐	1250.000	1239.320	4915262.60	0.3925	A	0.8
5	☐	2500.000	2512.799	9522961.39	0.7958	A	0.7
6	☐	5000.000	5166.339	19095944.99	1.6363	A	5.2
7	☐	10000.000	9913.225	37881676.94	3.1397	A	0.2
8	☐			18010.20	0.0016	P	12.1

$$y = 3.1671\text{E-}004 * x + 2.3572\text{E-}006$$

R = 0.9998

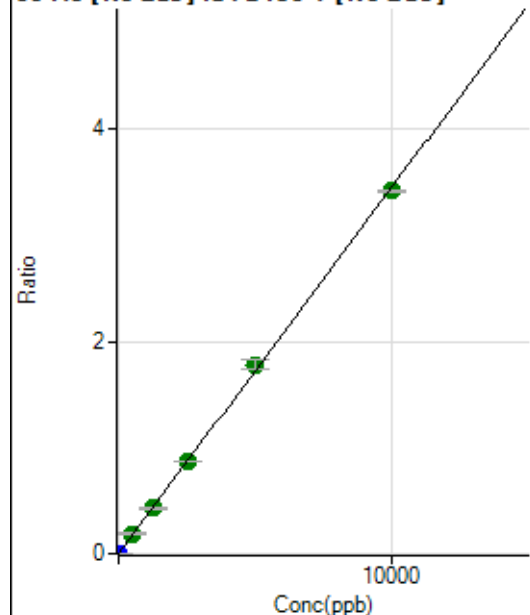
DL = 0.007342

BEC = 0.007443

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.11	0.0000	P	14.9
2	☐	5.000	4.522	20675.79	0.0016	P	0.6
3	☐	500.000	542.626	2298090.24	0.1872	A	10.2
4	☐	1250.000	1236.991	5343790.90	0.4267	A	1.6
5	☐	2500.000	2521.384	10407718.80	0.8698	A	1.0
6	☐	5000.000	5162.263	20783237.47	1.7808	A	5.2
7	☐	10000.000	9913.018	41261633.55	3.4196	A	0.7
8	☐			23915.38	0.0021	P	13.0

$$y = 3.4496E-004 * x + 6.9014E-006$$

$$R = 0.9998$$

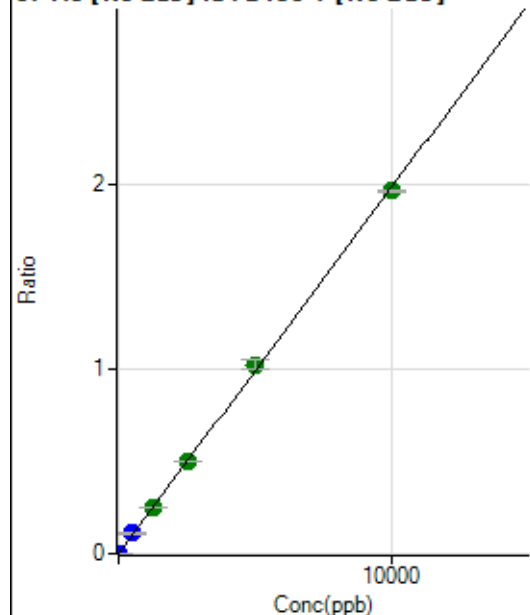
$$DL = 0.008924$$

$$BEC = 0.02001$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	52.8
2	☐	5.000	4.531	11869.35	0.0009	P	0.9
3	☐	500.000	553.733	1347461.75	0.1097	P	9.5
4	☐	1250.000	1253.039	3108947.00	0.2483	A	0.9
5	☐	2500.000	2524.422	5984920.12	0.5002	A	0.7
6	☐	5000.000	5168.787	11951962.05	1.0241	A	5.1
7	☐	10000.000	9906.435	23683046.04	1.9628	A	0.9
8	☐			10960.92	0.0010	P	15.2

$$y = 1.9813E-004 * x + 1.6834E-006$$

$$R = 0.9998$$

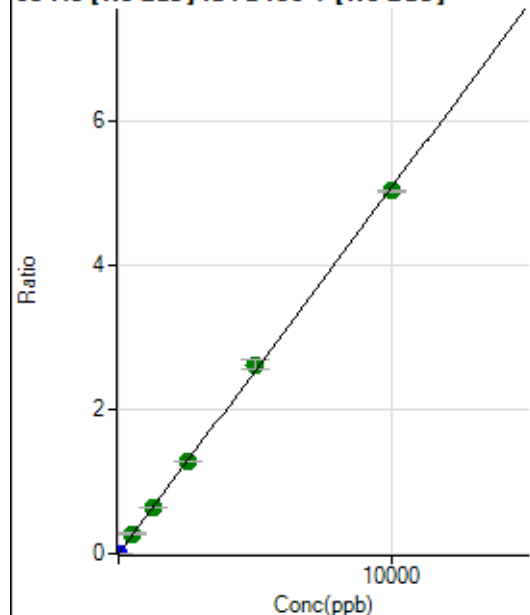
$$DL = 0.01346$$

$$BEC = 0.008497$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	9.0
2	☐	5.000	4.530	30440.56	0.0023	P	1.4
3	☐	500.000	538.687	3363924.67	0.2740	A	9.9
4	☐	1250.000	1244.846	7928101.13	0.6331	A	0.7
5	☐	2500.000	2530.577	15399632.69	1.2870	A	1.3
6	☐	5000.000	5158.216	30616500.93	2.6234	A	5.1
7	☐	10000.000	9911.958	60824402.98	5.0410	A	0.7
8	☐			27468.74	0.0024	P	18.8

$$y = 5.0858\text{E-}004 * x + 2.7770\text{E-}006$$

$$R = 0.9998$$

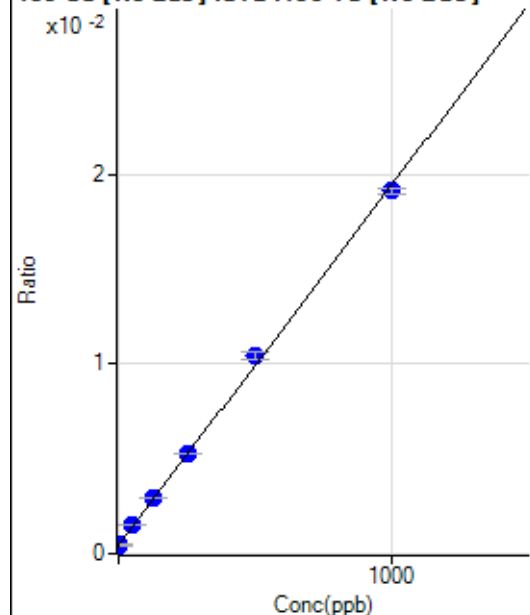
$$DL = 0.001476$$

$$BEC = 0.00546$$

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	4824.17	0.0004	P	2.1
2	☐	1.000	1.270	5084.27	0.0005	P	3.2
3	☐	50.000	56.584	15839.84	0.0015	P	4.8
4	☐	125.000	131.747	32028.64	0.0029	P	1.1
5	☐	250.000	254.496	56786.01	0.0053	P	1.1
6	☐	500.000	526.733	108193.30	0.0104	P	4.7
7	☐	1000.000	984.336	207085.71	0.0191	P	1.3
8	☐			4352.92	0.0004	P	4.1

$$y = 1.8975\text{E-}005 * x + 4.3578\text{E-}004$$

$$R = 0.9994$$

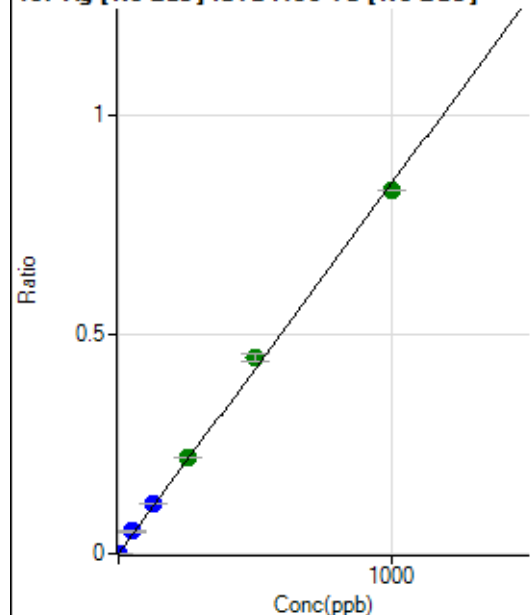
$$DL = 1.417$$

$$BEC = 22.97$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.44	0.0000	P	9.5
2	☐	1.000	1.016	9549.89	0.0009	P	2.2
3	☐	50.000	60.287	531753.86	0.0508	P	9.0
4	☐	125.000	136.425	1254365.22	0.1150	P	1.0
5	☐	250.000	260.358	2366574.51	0.2194	A	1.0
6	☐	500.000	529.646	4629821.67	0.4463	A	4.7
7	☐	1000.000	980.645	8953444.38	0.8264	A	0.2
8	☐			4151.76	0.0004	P	12.9

$$y = 8.4268\text{E-}004 * x + 7.6253\text{E-}006$$

$$R = 0.9992$$

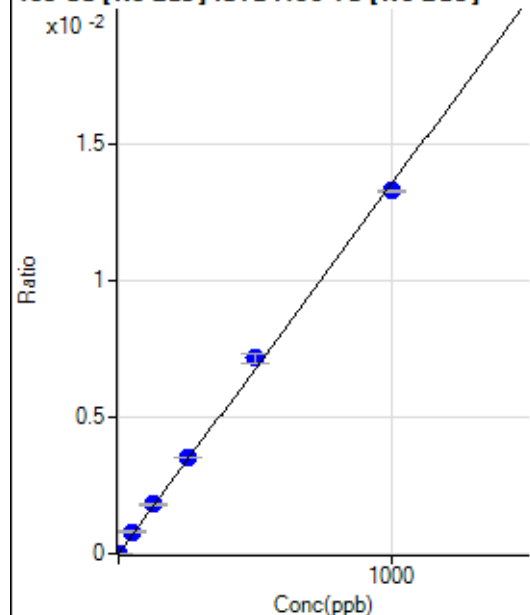
$$DL = 0.002584$$

$$BEC = 0.009049$$

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	12.22	0.0000	P	41.4
2	☐	1.000	1.104	177.78	0.0000	P	7.8
3	☐	50.000	58.546	8311.34	0.0008	P	11.2
4	☐	125.000	133.337	19741.29	0.0018	P	1.5
5	☐	250.000	260.081	38057.59	0.0035	P	1.2
6	☐	500.000	528.395	74326.70	0.0072	P	5.5
7	☐	1000.000	981.813	144275.31	0.0133	P	0.4
8	☐			136.67	0.0000	P	14.5

$$y = 1.3562\text{E-}005 * x + 1.1039\text{E-}006$$

$$R = 0.9993$$

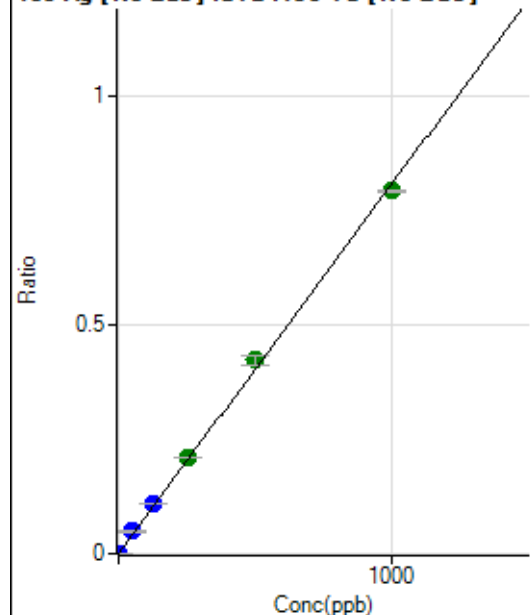
$$DL = 0.1012$$

$$BEC = 0.0814$$

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	54.45	0.0000	P	7.6
2	☐	1.000	1.000	8975.06	0.0008	P	1.0
3	☐	50.000	60.106	507661.98	0.0485	P	9.5
4	☐	125.000	135.686	1195074.42	0.1095	P	1.0
5	☐	250.000	260.665	2269832.12	0.2104	A	0.8
6	☐	500.000	525.337	4398788.13	0.4241	A	4.8
7	☐	1000.000	982.824	8595688.55	0.7934	A	0.5
8	☐			4036.17	0.0004	P	15.3

$$y = 8.0724\text{E-}004 * x + 4.9193\text{E-}006$$

$$R = 0.9994$$

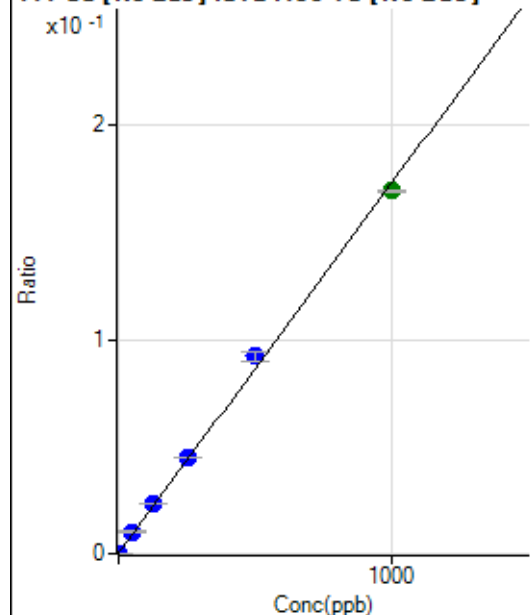
$$DL = 0.001394$$

$$BEC = 0.006094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1447.59	0.0001	P	2.1
2	☐	1.000	1.000	3356.54	0.0003	P	1.8
3	☐	50.000	58.096	106430.10	0.0102	P	9.3
4	☐	125.000	132.692	251625.21	0.0231	P	1.3
5	☐	250.000	259.921	485960.14	0.0451	P	0.8
6	☐	500.000	532.993	956923.58	0.0922	P	4.6
7	☐	1000.000	979.657	1835866.73	0.1694	A	0.5
8	☐			2815.87	0.0003	P	3.9

$$y = 1.7283\text{E-}004 * x + 1.3077\text{E-}004$$

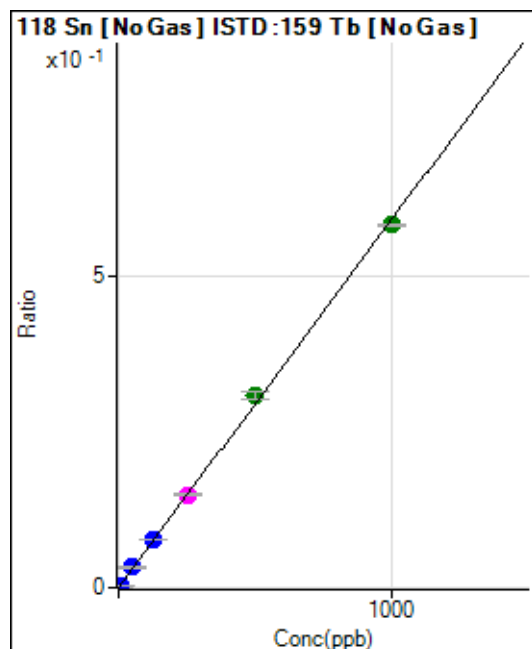
$$R = 0.9991$$

$$DL = 0.04722$$

$$BEC = 0.7566$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	690.02	0.0001	P	4.8
2	☐	5.000	4.855	32311.78	0.0029	P	1.2
3	☐	50.000	56.877	351299.54	0.0336	P	9.1
4	☐	125.000	129.895	835614.42	0.0766	P	0.9
5	☐	250.000	253.192	1609581.83	0.1492	M	1.3
6	☐	500.000	523.875	3202347.45	0.3087	A	4.5
7	☐	1000.000	986.309	6296273.17	0.5811	A	0.5
8	☐			6172.49	0.0006	P	8.2

$$y = 5.8914\text{E-}004 * x + 6.2311\text{E-}005$$

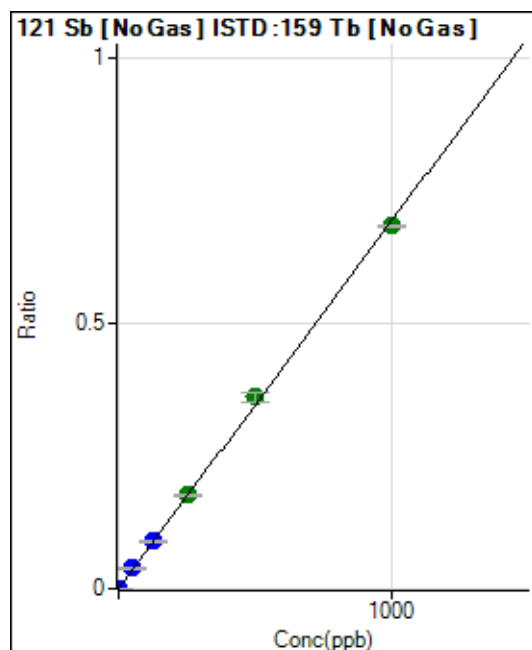
$$R = 0.9996$$

$$DL = 0.01509$$

$$BEC = 0.1058$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	51.7
2	☐	2.000	1.915	14708.73	0.0013	P	2.9
3	☐	50.000	55.950	406090.41	0.0388	P	9.2
4	☐	125.000	128.670	973669.79	0.0892	P	0.9
5	☐	250.000	254.051	1900556.57	0.1762	A	1.4
6	☐	500.000	522.474	3758476.85	0.3624	A	5.1
7	☐	1000.000	986.994	7417008.57	0.6845	A	0.6
8	☐			8126.81	0.0008	P	1.7

$$y = 6.9356\text{E-}004 * x + 2.6077\text{E-}006$$

$$R = 0.9996$$

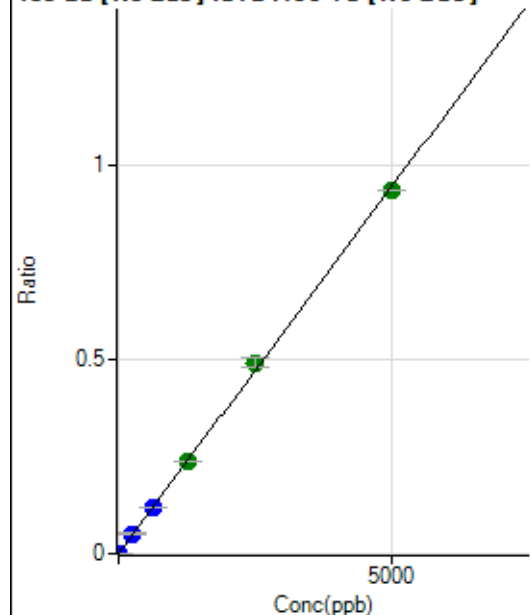
$$DL = 0.00583$$

$$BEC = 0.00376$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.55	0.0000	P	44.0
2	☐	10.000	9.459	19764.91	0.0018	P	1.2
3	☐	250.000	272.843	538856.44	0.0515	P	10.3
4	☐	625.000	626.724	1291366.30	0.1184	P	1.7
5	☐	1250.000	1264.140	2575354.36	0.2388	A	0.5
6	☐	2500.000	2599.180	5091349.44	0.4909	A	5.1
7	☐	5000.000	4945.519	10119746.86	0.9340	A	0.1
8	☐			7679.93	0.0008	P	8.5

$$y = 1.8886\text{E-}004 * x + 1.4021\text{E-}006$$

$$R = 0.9997$$

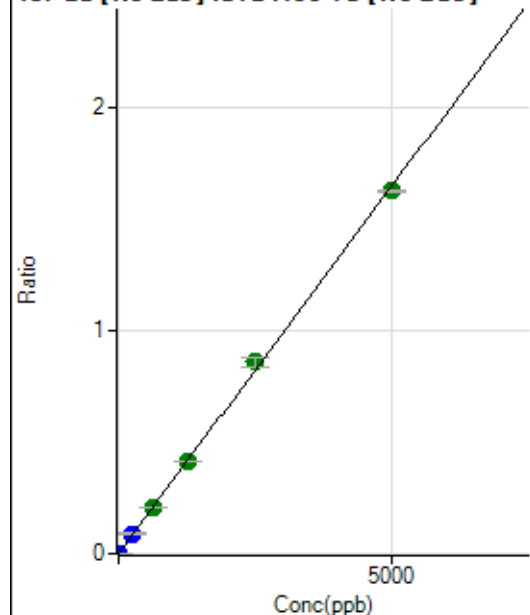
$$DL = 0.009791$$

$$BEC = 0.007424$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	33.6
2	☐	10.000	9.309	33880.25	0.0031	P	1.6
3	☐	250.000	273.084	939502.52	0.0898	P	9.7
4	☐	625.000	635.765	2281183.37	0.2091	A	0.9
5	☐	1250.000	1263.301	4481322.26	0.4155	A	0.7
6	☐	2500.000	2606.349	8890363.20	0.8571	A	5.0
7	☐	5000.000	4941.002	17606106.68	1.6249	A	0.6
8	☐			13446.49	0.0013	P	9.1

$$y = 3.2887\text{E-}004 * x + 3.1092\text{E-}006$$

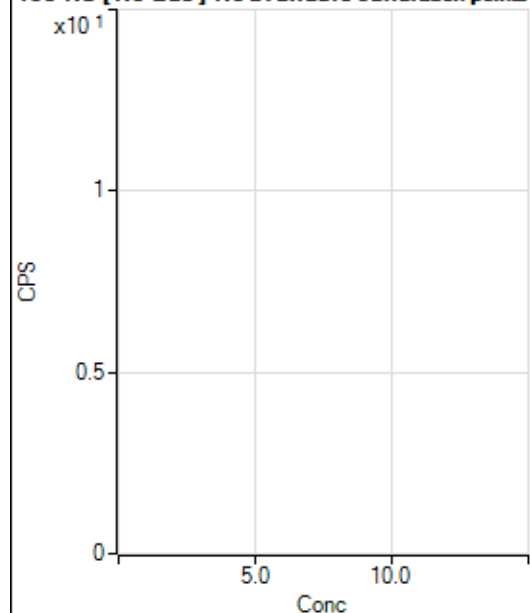
$$R = 0.9997$$

$$DL = 0.009529$$

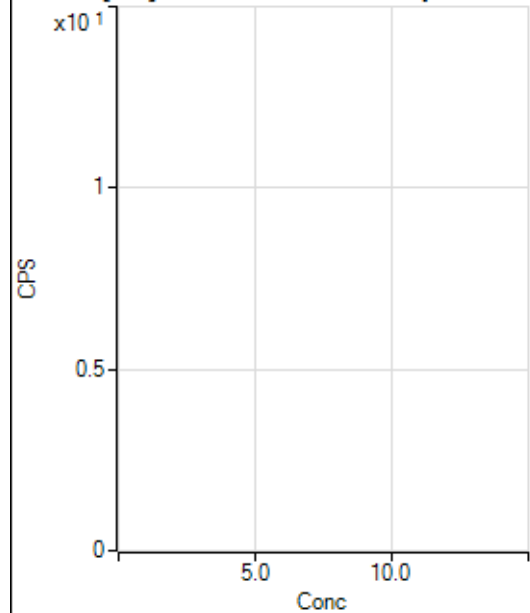
$$BEC = 0.009454$$

Weight: <None>

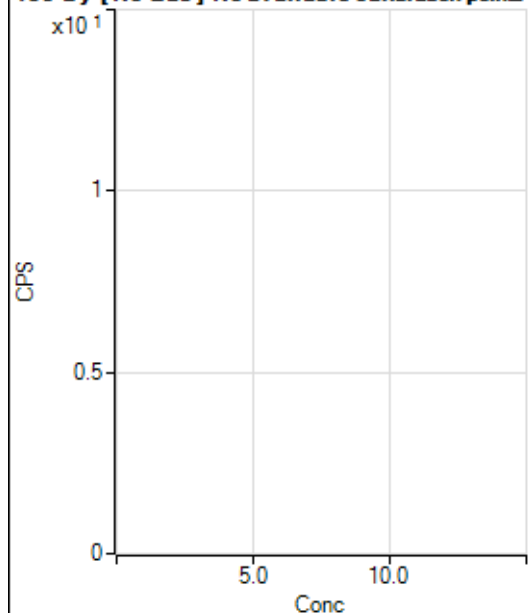
Min Conc: 0

150 Nd [No Gas] No available calibration points

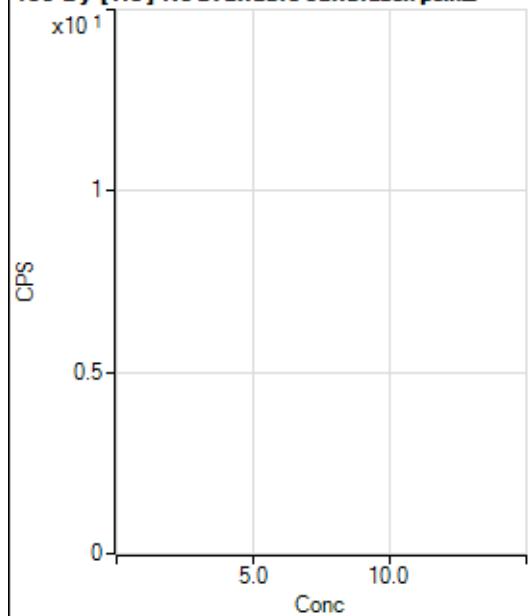
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			12.22		P	31.5
3	☐			64.45		P	20.9
4	☐			145.56		P	11.3
5	☐			232.23		P	17.5
6	☐			458.90		P	7.6
7	☐			914.49		P	8.3
8	☐			326.67		P	10.6

150 Nd [He] No available calibration points

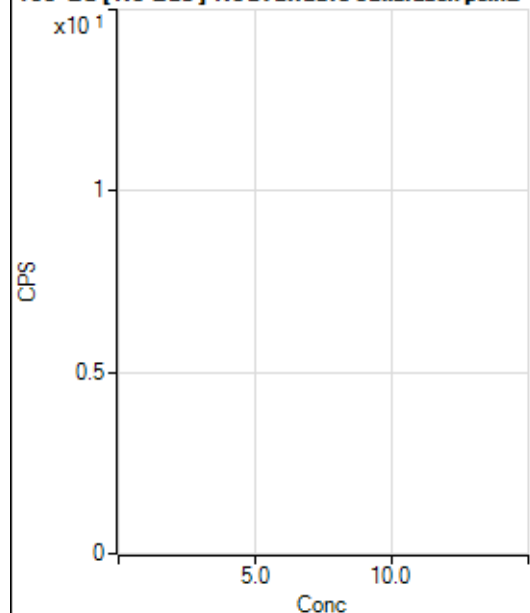
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	50.0
3	☐			11.11		P	62.5
4	☐			27.78		P	34.6
5	☐			45.56		P	42.3
6	☐			101.11		P	9.5
7	☐			216.67		P	9.4
8	☐			148.89		P	5.2

156 Dy [No Gas] No available calibration points

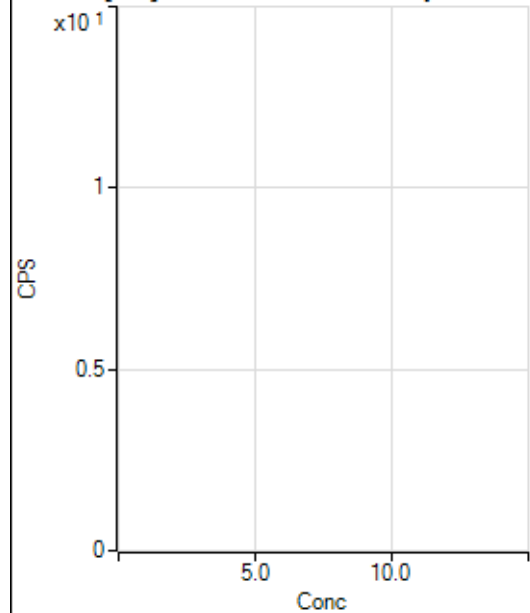
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	78.7
2	☐			12.22		P	78.7
3	☐			42.22		P	24.1
4	☐			80.00		P	38.2
5	☐			138.89		P	6.0
6	☐			287.78		P	11.4
7	☐			640.02		P	16.0
8	☐			1727.90		P	4.9

156 Dy [He] No available calibration points

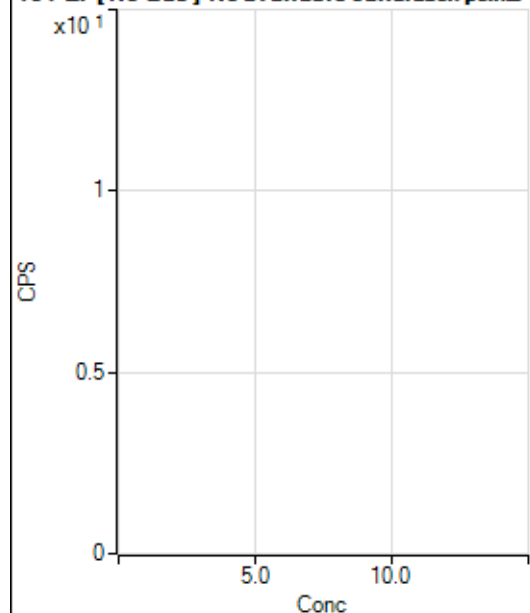
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			10.00		P	33.3
3	☐			57.78		P	35.3
4	☐			91.11		P	14.8
5	☐			175.56		P	11.6
6	☐			318.90		P	12.1
7	☐			640.02		P	3.9
8	☐			1088.94		P	9.9

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

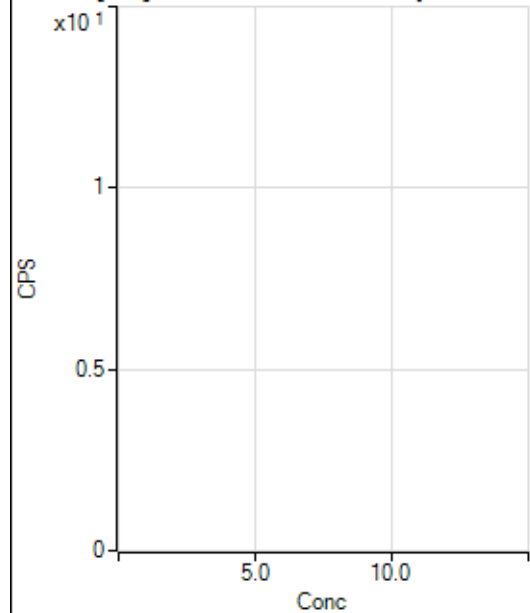
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	37.8
2	☐			56.67		P	23.5
3	☐			77.78		P	24.7
4	☐			100.00		P	12.0
5	☐			157.78		P	12.0
6	☐			286.67		P	11.1
7	☐			588.91		P	8.0
8	☐			1874.59		P	4.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			370.01		P	19.9
2	☐			346.68		P	1.7
3	☐			341.12		P	7.8
4	☐			336.67		P	12.6
5	☐			387.79		P	16.5
6	☐			428.90		P	8.9
7	☐			638.91		P	8.4
8	☐			1521.21		P	4.5

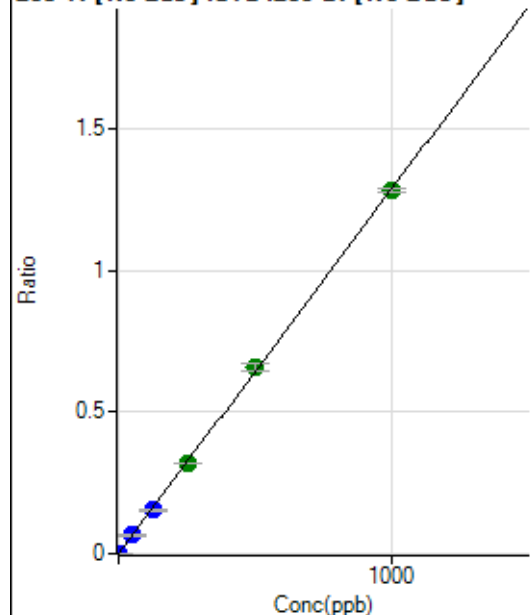
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			76.67		P	15.1
2	☐			77.78		P	38.9
3	☐			90.00		P	22.2
4	☐			114.44		P	12.1
5	☐			116.67		P	4.9
6	☐			158.89		P	7.4
7	☐			283.34		P	16.5
8	☐			267.78		P	3.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	45.8
2	☐			56.67		P	5.9
3	☐			52.22		P	29.5
4	☐			60.00		P	16.7
5	☐			74.44		P	2.6
6	☐			94.45		P	8.9
7	☐			145.56		P	9.3
8	☐			195.56		P	6.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.34	0.0000	P	26.8
2	☐	1.000	0.856	7259.78	0.0011	P	1.6
3	☐	50.000	50.794	400067.24	0.0654	P	9.4
4	☐	125.000	118.854	984644.38	0.1530	P	0.8
5	☐	250.000	247.754	2068184.10	0.3189	A	1.6
6	☐	500.000	511.520	4072916.26	0.6583	A	4.3
7	☐	1000.000	995.530	8042411.69	1.2812	A	1.0
8	☐			4397.43	0.0008	P	13.1

$$y = 0.0013 * x + 1.4511E-005$$

$$R = 0.9999$$

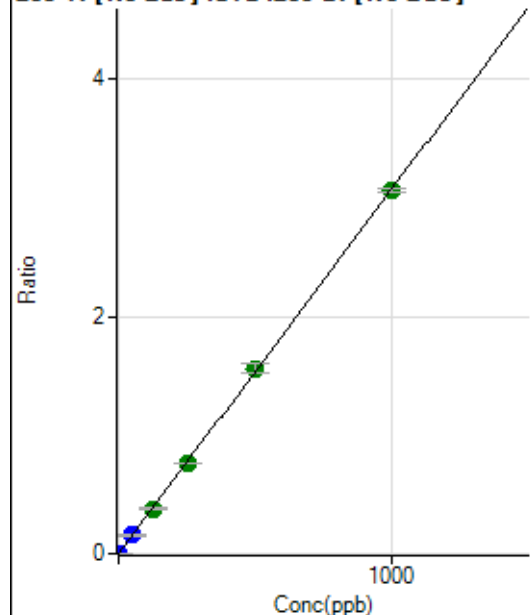
$$DL = 0.009066$$

$$BEC = 0.01128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0000	P	14.4
2	☐	1.000	0.847	17124.20	0.0026	P	1.5
3	☐	50.000	50.576	949114.35	0.1552	P	10.4
4	☐	125.000	123.655	2442211.02	0.3794	A	0.7
5	☐	250.000	247.774	4930865.07	0.7602	A	1.5
6	☐	500.000	509.255	9666478.54	1.5625	A	4.5
7	☐	1000.000	996.068	19183107.91	3.0561	A	1.0
8	☐			10557.57	0.0020	P	12.6

$$y = 0.0031 * x + 3.6181E-005$$

$$R = 0.9999$$

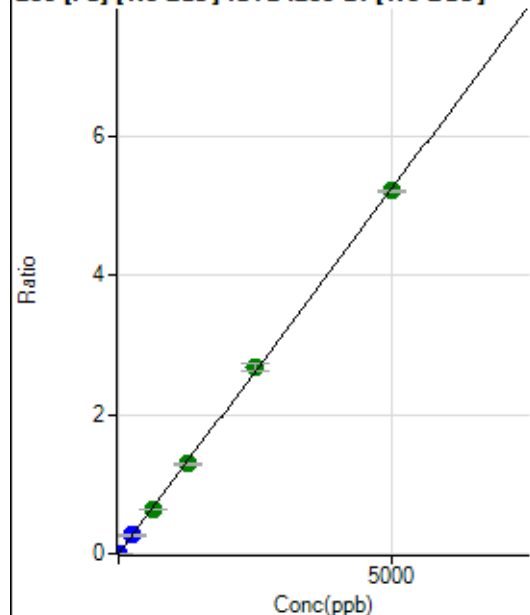
$$DL = 0.005082$$

$$BEC = 0.01179$$

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	455.56	0.0001	P	2.5
2	☐	1.000	0.829	6110.31	0.0009	P	1.5
3	☐	250.000	255.225	1637995.37	0.2677	P	9.3
4	☐	625.000	613.982	4144363.58	0.6439	A	0.9
5	☐	1250.000	1231.647	8377122.51	1.2915	A	1.4
6	☐	2500.000	2559.585	16606260.45	2.6839	A	4.0
7	☐	5000.000	4975.912	32751820.62	5.2176	A	0.4
8	☐			21453.85	0.0041	P	9.4

$$y = 0.0010 * x + 7.0675E-005$$

$$R = 0.9999$$

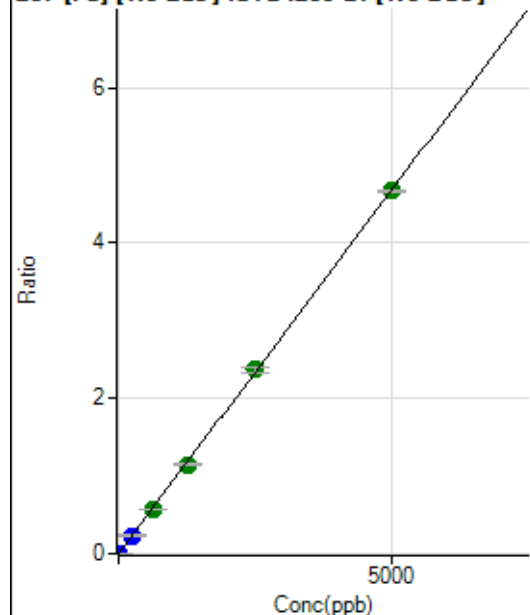
$$DL = 0.004966$$

$$BEC = 0.0674$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	384.46	0.0001	P	9.5
2	☐	1.000	0.823	5392.22	0.0008	P	4.3
3	☐	250.000	250.499	1435055.95	0.2345	P	9.0
4	☐	625.000	616.015	3711189.04	0.5766	A	0.5
5	☐	1250.000	1225.969	7442050.86	1.1474	A	1.4
6	☐	2500.000	2529.786	14649861.59	2.3676	A	3.8
7	☐	5000.000	4992.213	29327525.12	4.6720	A	0.5
8	☐			18586.28	0.0035	P	10.3

$$y = 9.3585E-004 * x + 5.9691E-005$$

$$R = 1.0000$$

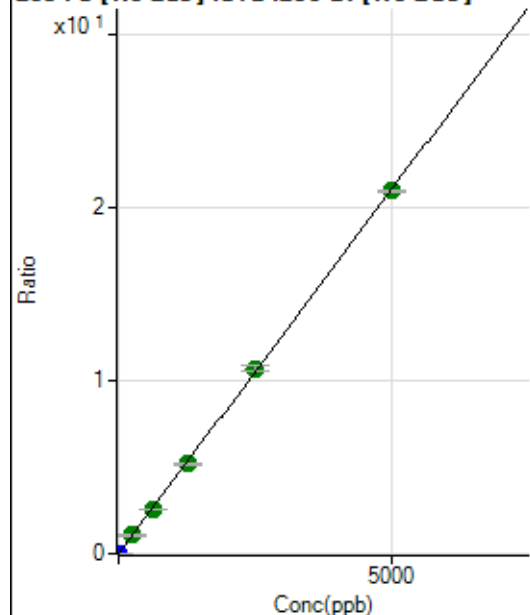
$$DL = 0.01821$$

$$BEC = 0.06378$$

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	1824.51	0.0003	P	2.1
2	☐	1.000	0.828	24499.97	0.0038	P	0.7
3	☐	250.000	257.994	6647751.03	1.0868	A	9.8
4	☐	625.000	611.814	16586318.95	2.5768	A	0.4
5	☐	1250.000	1231.534	33642204.08	5.1866	A	1.3
6	☐	2500.000	2547.506	66387867.90	10.7286	A	3.7
7	☐	5000.000	4982.112	131705233.5	20.9815	A	0.5
8	☐			84546.92	0.0160	P	10.3

$$y = 0.0042 * x + 2.8311E-004$$

$$R = 0.9999$$

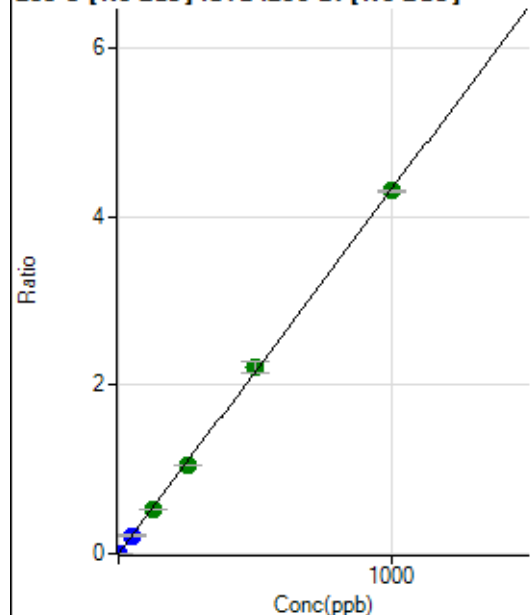
$$DL = 0.00414$$

$$BEC = 0.06723$$

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	8.89	0.0000	P	115.
2	☐	1.000	0.796	22361.03	0.0034	P	0.5
3	☐	50.000	48.152	1272104.10	0.2080	P	10.1
4	☐	125.000	120.926	3361978.94	0.5223	A	1.4
5	☐	250.000	243.552	6823586.70	1.0520	A	0.7
6	☐	500.000	512.324	13687572.02	2.2129	A	5.3
7	☐	1000.000	996.052	27007754.60	4.3024	A	0.7
8	☐			12867.51	0.0024	P	13.6

$$y = 0.0043 * x + 1.3744E-006$$

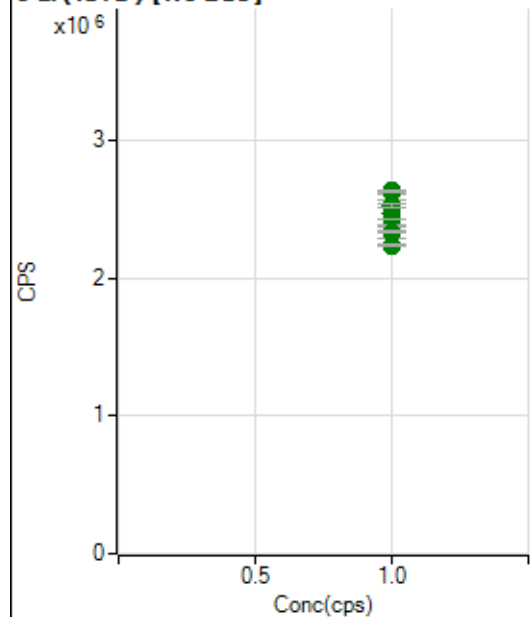
$$R = 0.9999$$

$$DL = 0.001097$$

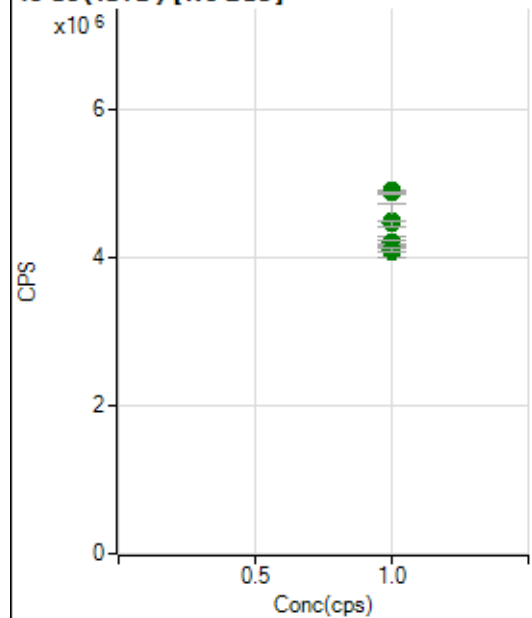
$$BEC = 0.0003182$$

Weight: <None>

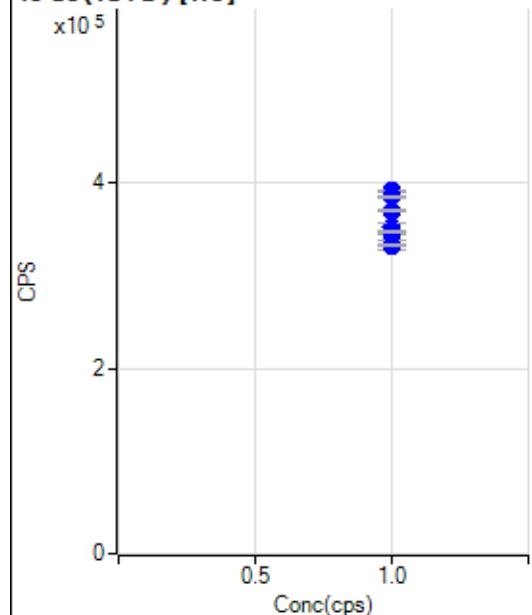
Min Conc: 0

6 Li (ISTD) [No Gas]

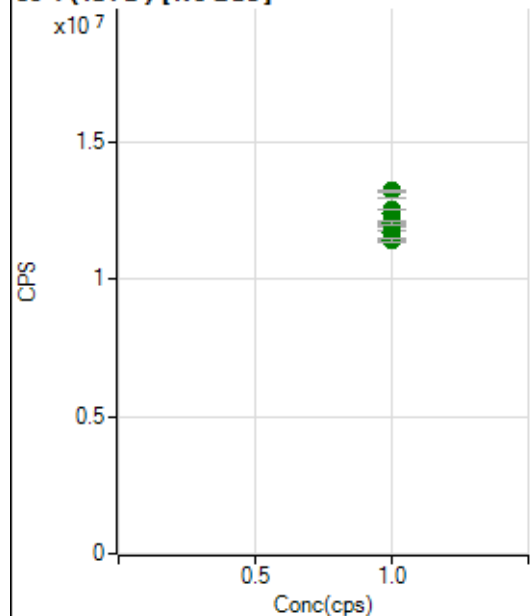
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2628840.57		A	0.8
2	☐	1.000		2638243.88		A	0.3
3	☐	1.000		2469416.25		A	8.0
4	☐	1.000		2529968.23		A	0.8
5	☐	1.000		2431574.41		A	0.3
6	☐	1.000		2340719.69		A	3.9
7	☐	1.000		2340819.65		A	0.5
8	☐	1.000		2237915.30		A	0.7

45 Sc (ISTD) [No Gas]

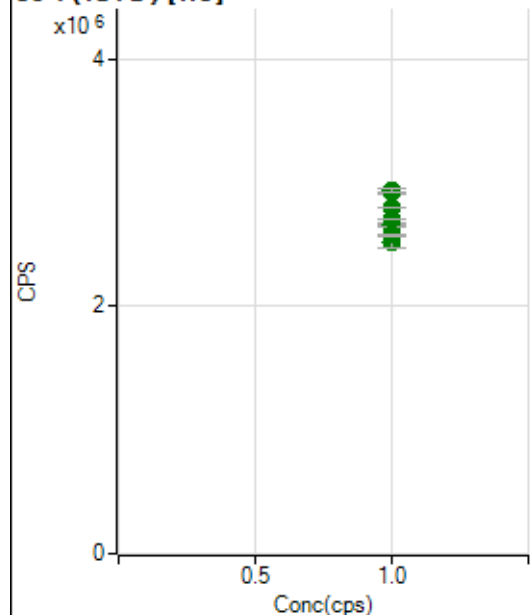
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4901050.80		A	0.8
2	☐	1.000		4879058.08		A	0.5
3	☐	1.000		4506276.35		A	9.5
4	☐	1.000		4461468.93		A	1.6
5	☐	1.000		4215233.62		A	1.3
6	☐	1.000		4079970.46		A	4.2
7	☐	1.000		4204877.23		A	1.2
8	☐	1.000		4106615.74		A	0.9

45 Sc (ISTD) [He]

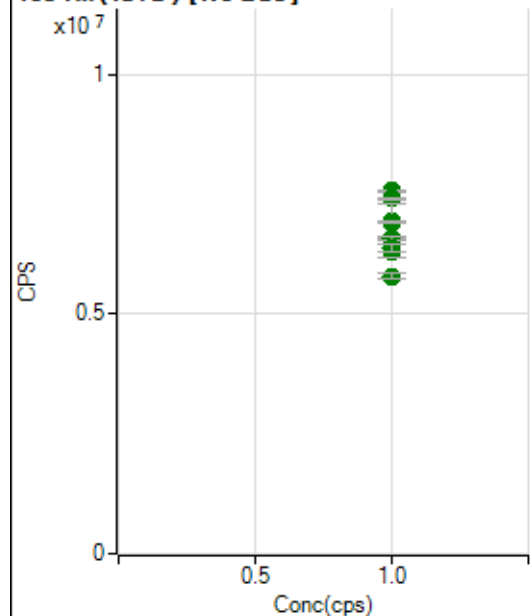
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		391073.95		P	0.3
2	☐	1.000		385361.91		P	0.6
3	☐	1.000		369740.60		P	0.8
4	☐	1.000		351502.05		P	2.9
5	☐	1.000		331764.24		P	3.1
6	☐	1.000		345045.74		P	0.3
7	☐	1.000		347588.58		P	0.6
8	☐	1.000		331804.44		P	0.6

89 Y (ISTD) [No Gas]

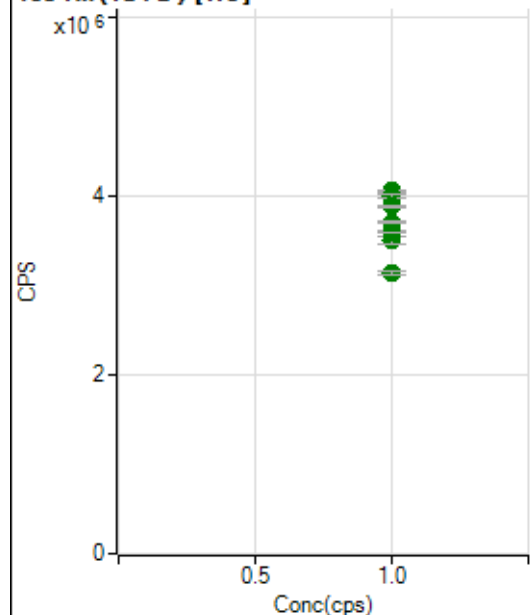
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13203114.53		A	0.2
2	☐	1.000		13196425.22		A	0.1
3	☐	1.000		12356318.15		A	9.5
4	☐	1.000		12522468.01		A	0.3
5	☐	1.000		11966314.54		A	0.8
6	☐	1.000		11690587.88		A	5.0
7	☐	1.000		12065435.93		A	1.3
8	☐	1.000		11407851.50		A	0.7

89 Y(ISTD) [He]

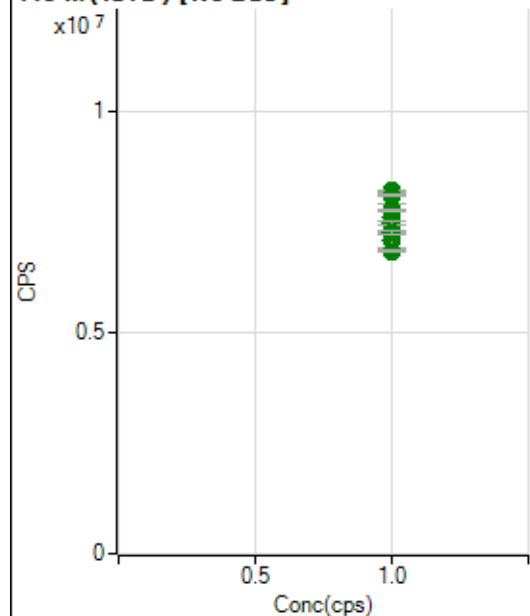
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2923318.05		A	0.5
2	☐	1.000		2935734.78		A	0.9
3	☐	1.000		2800558.61		A	0.4
4	☐	1.000		2681363.82		A	1.9
5	☐	1.000		2522690.99		A	3.5
6	☐	1.000		2657546.54		A	1.2
7	☐	1.000		2708142.56		A	0.2
8	☐	1.000		2578226.45		A	0.7

103 Rh(ISTD) [No Gas]

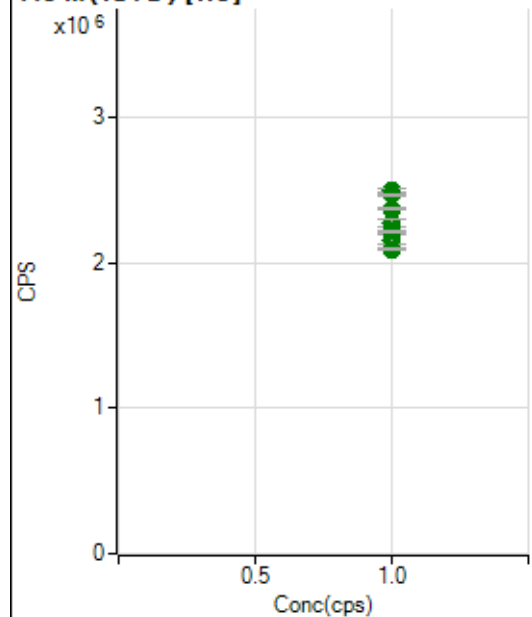
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7567339.75		A	0.7
2	☐	1.000		7412703.92		A	0.5
3	☐	1.000		6933631.91		A	10.2
4	☐	1.000		6905226.49		A	0.6
5	☐	1.000		6571614.14		A	0.8
6	☐	1.000		6308491.85		A	4.2
7	☐	1.000		6388836.09		A	2.6
8	☐	1.000		5787937.62		A	1.9

103 Rh (ISTD) [He]

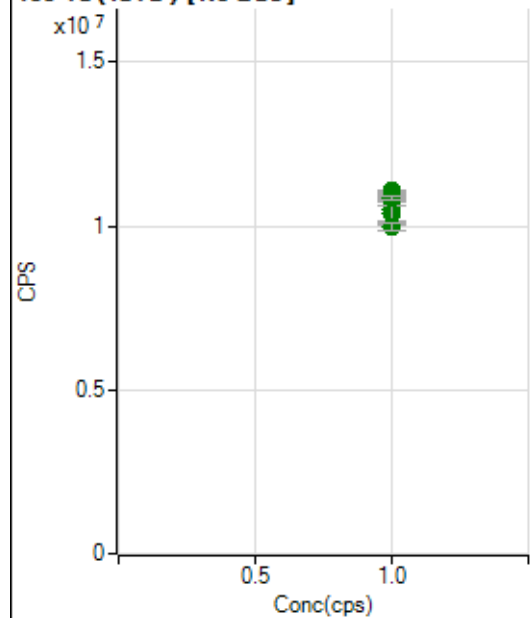
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4052836.40		A	0.2
2	☐	1.000		4002499.87		A	1.0
3	☐	1.000		3885439.60		A	0.7
4	☐	1.000		3701497.83		A	0.9
5	☐	1.000		3496461.13		A	2.6
6	☐	1.000		3595888.66		A	0.6
7	☐	1.000		3580484.11		A	0.2
8	☐	1.000		3132998.91		A	1.1

115 In (ISTD) [No Gas]

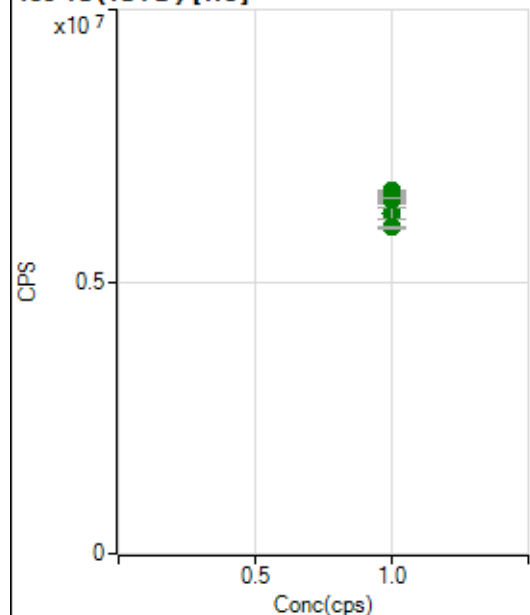
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8219037.01		A	0.6
2	☐	1.000		8119454.45		A	0.4
3	☐	1.000		7607377.01		A	8.7
4	☐	1.000		7780896.94		A	0.6
5	☐	1.000		7489592.97		A	1.3
6	☐	1.000		7108355.32		A	4.6
7	☐	1.000		7287357.52		A	1.1
8	☐	1.000		6851710.88		A	0.6

115 In (ISTD) [He]

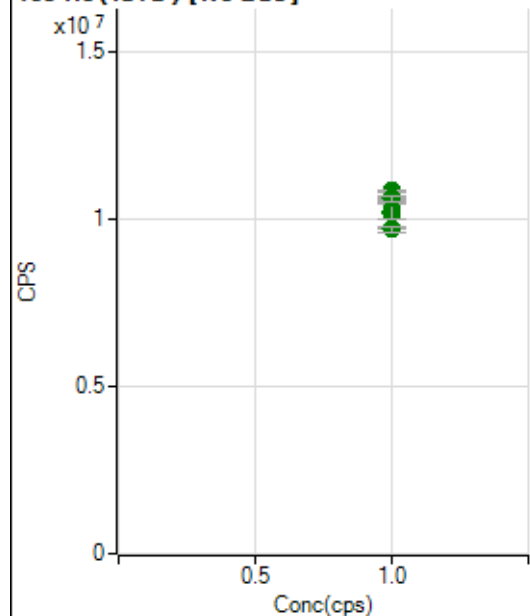
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2497911.24		A	1.1
2	☐	1.000		2469262.13		A	0.3
3	☐	1.000		2374723.29		A	0.9
4	☐	1.000		2272972.47		A	2.2
5	☐	1.000		2162778.28		A	2.7
6	☐	1.000		2218611.14		A	0.3
7	☐	1.000		2217984.79		A	0.6
8	☐	1.000		2098459.03		A	0.2

159 Tb (ISTD) [No Gas]

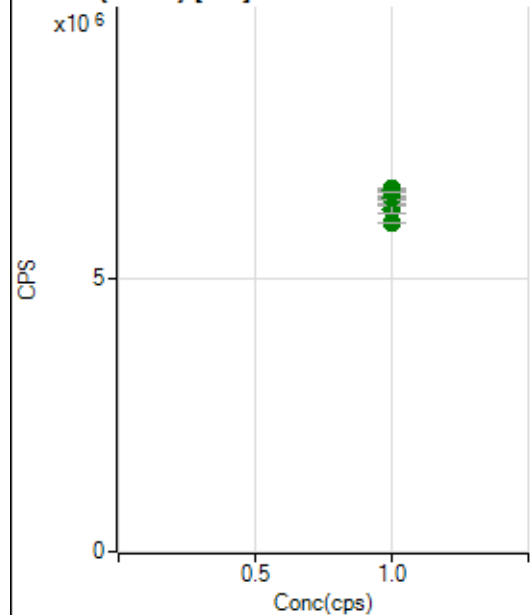
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11071219.28		A	0.8
2	☐	1.000		11055659.56		A	0.1
3	☐	1.000		10524495.82		A	9.4
4	☐	1.000		10910744.98		A	0.7
5	☐	1.000		10786597.62		A	0.6
6	☐	1.000		10389245.12		A	5.0
7	☐	1.000		10834641.92		A	1.1
8	☐	1.000		9980031.66		A	1.9

159 Tb (ISTD) [He]

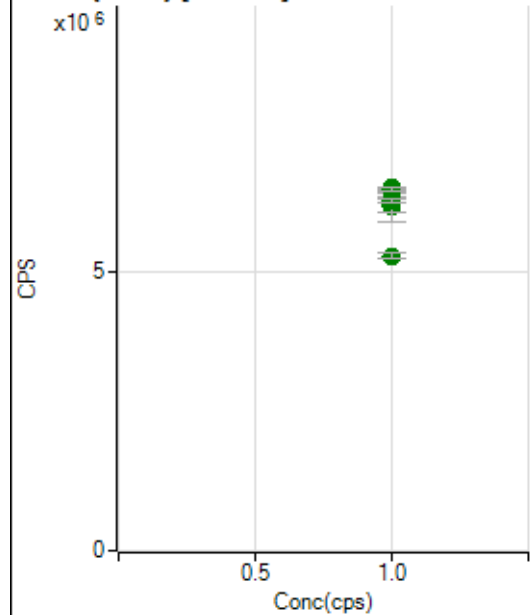
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6666886.43		A	0.4
2	☐	1.000		6586370.67		A	0.5
3	☐	1.000		6597261.29		A	0.4
4	☐	1.000		6489287.27		A	2.0
5	☐	1.000		6250906.99		A	3.6
6	☐	1.000		6496779.28		A	0.4
7	☐	1.000		6531917.40		A	0.2
8	☐	1.000		5990382.41		A	0.8

165 Ho (ISTD) [No Gas]

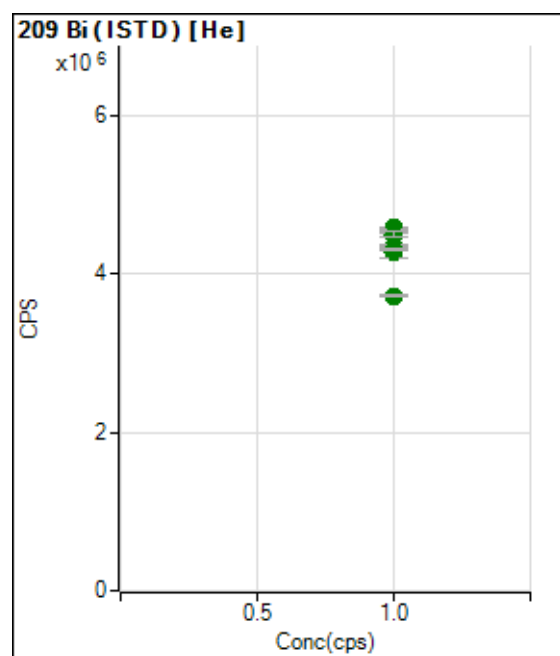
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10833420.12		A	0.7
2	☐	1.000		10615981.16		A	1.0
3	☐	1.000		10177494.08		A	8.8
4	☐	1.000		10503782.83		A	0.9
5	☐	1.000		10538896.93		A	0.6
6	☐	1.000		10232942.07		A	4.2
7	☐	1.000		10599301.02		A	1.7
8	☐	1.000		9675692.43		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6650311.57		A	0.5
2	☐	1.000		6622409.83		A	1.0
3	☐	1.000		6532496.15		A	1.8
4	☐	1.000		6455526.01		A	1.9
5	☐	1.000		6276708.72		A	2.0
6	☐	1.000		6481172.06		A	0.8
7	☐	1.000		6585014.55		A	0.1
8	☐	1.000		6027377.27		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6445677.47		A	1.2
2	☐	1.000		6501190.11		A	0.3
3	☐	1.000		6151888.45		A	8.7
4	☐	1.000		6436763.10		A	0.7
5	☐	1.000		6486593.93		A	1.0
6	☐	1.000		6194372.48		A	4.3
7	☐	1.000		6277356.99		A	0.9
8	☐	1.000		5276972.70		A	2.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4577918.41		A	0.4
2	☐	1.000		4542392.36		A	1.0
3	☐	1.000		4539326.04		A	1.0
4	☐	1.000		4495364.21		A	1.6
5	☐	1.000		4269110.01		A	3.6
6	☐	1.000		4348854.59		A	0.6
7	☐	1.000		4304656.88		A	0.4
8	☐	1.000		3716676.23		A	0.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7121323 MS.b
Acq. Date-Time 2023-12-13 10:28:43
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		18004	180037.45			0.866	5.000
24		84228	842284.50			1.090	5.000
25		11109	111087.27			1.291	5.000
26		12866	128660.61			1.236	5.000
59		92611	926110.49			1.509	5.000
113		12990	129898.47			1.311	5.000
115		153860	1538604.22			1.151	5.000
206		34139	341390.46			1.298	5.000
207		30649	306493.54			1.500	5.000
208		73219	732193.39			1.339	5.000
220		0	3.30			48.627	

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

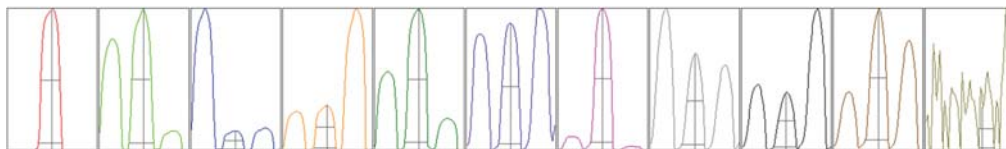
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	17764	18180	18094	17991	17989
24	82694	84171	85025	84449	84804
25	10857	11166	11131	11182	11207
26	12582	12941	12936	12936	12936
59	90379	93984	92300	93483	92910
113	12731	13134	13098	13084	12902
115	151469	154279	156089	154642	152823
206	33450	34582	34287	34399	33977
207	29895	30820	30903	31068	30561
208	71535	73859	73752	73781	73169

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	29673.88	9.00	8.90 - 9.10	
24	137737.46	24.00	23.90 - 24.10	
25	18343.97	25.00	24.90 - 25.10	
26	21289.36	26.00	25.90 - 26.10	
59	151220.38	59.00	58.90 - 59.10	
113	23591.03	113.00	112.90 - 113.10	
115	276553.64	115.00	114.90 - 115.10	
206	64837.47	206.05	205.90 - 206.10	
207	56925.27	207.00	206.90 - 207.10	
208	138559.62	208.05	207.90 - 208.10	
220	0.30	220.45	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.785	0.900	
24	0.65	0.828	0.900	
25	0.63	0.749	0.900	
26	0.63	0.746	0.900	
59	0.63	0.780	0.900	
113	0.56	0.758	0.900	
115	0.57	0.751	0.900	
206	0.53	0.764	0.900	
207	0.54	0.773	0.900	
208	0.54	0.773	0.900	
220	0.46	0.496		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.7 V	Deflect	14.8 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		29540	295404.04			0.331	
89		37602	376019.78			0.340	
205		34715	347150.82			0.561	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	29617	29535	29658	29461	29431
89	37753	37468	37724	37521	37544
205	34627	34833	34999	34565	34551

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.6 V	Deflect	2.8 V
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US EPA Tune Check Report

Extract 2	-105.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
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LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:48:13	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.16	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.04	0.03	0.00	N/A	ppb
Cadmium	106-1	0.55	-0.27	-0.28	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	1.65	-2.61	0.97	0.00	N/A	ppb
Calcium	44-1	-0.26	-0.37	0.63	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.04	0.04	0.00	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	56-2	-0.08	0.08	0.00	0.00	N/A	ppb
Iron	57-2	0.38	-1.45	1.07	0.00	N/A	ppb
Iron	54-2	-0.50	0.06	0.43	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:48:13	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	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	0.02	-0.10	0.08	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	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	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-19.39	-16.60	-14.09	-16.69		ppb
Potassium	39-2	0.14	0.42	-0.55	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.24	-0.10	0.34	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.24	-0.89	-0.35	0.00	N/A	ppb
Silicon	28-1	0.04	0.01	-0.05	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	0.20	0.62	-0.82	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-29.47	-72.25	-7.63	-36.45		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	-0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.02	-0.02	0.00	N/A	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:48:13	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.12	-0.14	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:54:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.71	19.39	20.15	19.75	1.93	ppb
Antimony	121-1	1.86	1.97	1.92	1.91	2.89	ppb
Arsenic	75-2	1.24	1.04	1.06	1.11	10.17	ppb
Barium	135-1	9.58	9.42	9.37	9.46	1.18	ppb
Barium	137-1	9.46	9.32	9.15	9.31	1.65	ppb
Beryllium	9-1	1.03	1.00	1.05	1.03	2.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.03	1.08	1.21	1.10	8.33	ppb
Cadmium	106-1	1.66	1.77	0.38	1.27	60.95	ppb
Cadmium	111-1	0.98	1.04	0.99	1.00	3.23	ppb
Calcium	43-1	484.12	502.80	490.86	492.59	1.92	ppb
Calcium	44-1	499.81	501.62	509.72	503.72	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.91	2.08	1.98	4.62	ppb
Cobalt	59-2	1.08	1.03	1.02	1.04	3.19	ppb
Copper	63-2	1.91	1.88	1.88	1.89	1.01	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				98		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	53.58	53.14	53.58	53.44	0.47	ppb
Iron	57-2	54.29	55.43	60.79	56.84	6.10	ppb
Iron	54-2	56.05	55.47	55.06	55.53	0.90	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:54:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.82	0.84	0.83	1.60	ppb
Lead	207-1	0.79	0.81	0.87	0.82	4.63	ppb
Lead	208-1	0.82	0.83	0.83	0.83	0.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	498.08	494.81	502.50	498.46	0.77	ppb
Manganese	55-2	0.92	0.92	1.01	0.95	5.33	ppb
Molybdenum	94-1	5.26	5.22	5.31	5.26	0.86	ppb
Molybdenum	95-1	4.53	4.63	4.55	4.57	1.21	ppb
Molybdenum	96-1	4.52	4.50	4.55	4.52	0.60	ppb
Molybdenum	97-1	4.50	4.52	4.57	4.53	0.87	ppb
Molybdenum	98-1	4.51	4.48	4.60	4.53	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.12	0.97	1.03	7.14	ppb
Phosphorus	31-2	14.27	18.73	17.09	16.69	13.51	ppb
Potassium	39-2	509.80	508.65	518.45	512.30	1.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.34	4.42	4.50	4.75	10.70	ppb
Selenium	77-2	4.12	4.39	4.15	4.22	3.48	ppb
Selenium	78-2	5.84	4.15	5.24	5.08	16.80	ppb
Silicon	28-1	0.22	0.25	0.41	0.29	33.92	ppb
Silver	107-1	0.99	1.04	1.02	1.02	2.22	ppb
Silver	109-1	1.01	0.99	0.99	1.00	1.04	ppb
Sodium	23-2	508.28	496.21	503.65	502.72	1.21	ppb
Strontium	86-1	0.90	0.92	0.85	0.89	4.31	ppb
Strontium	88-1	0.94	0.93	0.93	0.93	0.82	ppb
Sulfur	34-1	78.57	9.70	21.08	36.45	101.28	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.87	0.84	0.86	0.86	1.63	ppb
Thallium	205-1	0.83	0.86	0.85	0.85	1.56	ppb
Tin	118-1	4.92	4.84	4.80	4.86	1.25	ppb
Titanium	47-1	4.61	4.81	4.94	4.78	3.51	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:54:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.80	0.79	0.80	0.51	ppb
Vanadium	51-2	4.78	4.61	4.74	4.71	1.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	4.97	4.64	4.76	4.79	3.44	ppb
Zirconium	90-1	0.91	0.90	0.91	0.90	0.58	ppb
Zirconium	91-1	0.95	0.86	0.90	0.90	4.74	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:58:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1135.09	1106.38	1112.57	1118.01	1.35	ppb
Antimony	121-1	52.63	53.38	61.85	55.95	9.16	ppb
Arsenic	75-2	52.44	54.64	52.91	53.33	2.17	ppb
Barium	135-1	254.54	258.93	305.06	272.84	10.26	ppb
Barium	137-1	255.40	260.47	303.38	273.08	9.65	ppb
Beryllium	9-1	55.79	56.93	63.68	58.80	7.25	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.12	53.54	65.98	58.55	11.21	ppb
Cadmium	106-1	53.27	55.73	60.75	56.58	6.75	ppb
Cadmium	111-1	54.09	55.90	64.30	58.10	9.39	ppb
Calcium	43-1	6098.13	6138.45	7246.64	6494.41	10.04	ppb
Calcium	44-1	5574.86	5579.43	6447.84	5867.38	8.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.86	53.67	53.81	53.78	0.18	ppb
Cobalt	59-2	54.89	53.51	54.42	54.27	1.29	ppb
Copper	63-2	549.91	543.98	534.37	542.75	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	2761.37	2684.65	2691.38	2712.47	1.57	ppb
Iron	57-2	2951.67	2918.91	2918.53	2929.70	0.65	ppb
Iron	54-2	3030.25	2953.85	2976.27	2986.79	1.31	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:58:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	240.48	242.72	282.47	255.22	9.26	ppb
Lead	207-1	237.05	237.91	276.54	250.50	9.00	ppb
Lead	208-1	243.24	243.43	287.31	257.99	9.84	ppb
Lithium	6-1				94		%
Magnesium	24-2	5380.27	5253.99	5395.74	5343.33	1.46	ppb
Manganese	55-2	536.95	526.06	536.92	533.31	1.18	ppb
Molybdenum	94-1	500.74	514.90	600.08	538.57	9.98	ppb
Molybdenum	95-1	496.29	513.61	594.57	534.82	9.81	ppb
Molybdenum	96-1	502.60	519.68	605.60	542.63	10.17	ppb
Molybdenum	97-1	517.17	529.85	614.18	553.73	9.52	ppb
Molybdenum	98-1	501.99	513.98	600.09	538.69	9.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.30	52.84	53.95	53.69	1.42	ppb
Phosphorus	31-2	1048.35	991.66	1006.85	1015.62	2.89	ppb
Potassium	39-2	2891.95	2822.05	2858.00	2857.33	1.22	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	53.43	53.10	62.51	56.35	9.48	ppb
Selenium	77-2	43.63	55.16	55.65	51.48	13.22	ppb
Selenium	78-2	57.70	50.17	54.95	54.27	7.02	ppb
Silicon	28-1	57.00	57.17	68.03	60.73	10.41	ppb
Silver	107-1	57.26	57.04	66.56	60.29	9.01	ppb
Silver	109-1	56.68	56.92	66.72	60.11	9.53	ppb
Sodium	23-2	5449.14	5246.68	5280.38	5325.40	2.04	ppb
Strontium	86-1	1261.91	1279.46	1494.78	1345.38	9.64	ppb
Strontium	88-1	1251.38	1259.76	1480.34	1330.49	9.76	ppb
Sulfur	34-1	1110.28	1102.50	2779.77	1664.19	58.05	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	47.56	48.54	56.29	50.79	9.42	ppb
Thallium	205-1	47.36	47.75	56.62	50.58	10.35	ppb
Tin	118-1	53.34	54.45	62.84	56.88	9.14	ppb
Titanium	47-1	519.25	524.34	613.51	552.37	9.60	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:58:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	44.88	45.83	53.74	48.15	10.10	ppb
Vanadium	51-2	53.19	52.23	52.62	52.68	0.91	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	554.13	545.93	547.36	549.14	0.80	ppb
Zirconium	90-1	51.13	52.45	60.57	54.72	9.34	ppb
Zirconium	91-1	50.98	52.44	60.91	54.78	9.79	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:01:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2706.89	2795.60	2762.26	2754.92	1.63	ppb
Antimony	121-1	127.96	130.07	127.98	128.67	0.94	ppb
Arsenic	75-2	127.94	129.69	127.95	128.53	0.78	ppb
Barium	135-1	619.42	638.70	622.06	626.72	1.67	ppb
Barium	137-1	631.97	642.14	633.19	635.77	0.87	ppb
Beryllium	9-1	133.56	134.50	132.61	133.55	0.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.15	133.64	131.22	133.34	1.49	ppb
Cadmium	106-1	129.83	133.27	132.13	131.75	1.33	ppb
Cadmium	111-1	131.45	134.71	131.92	132.69	1.33	ppb
Calcium	43-1	14912.49	15122.68	15262.12	15099.10	1.17	ppb
Calcium	44-1	13398.37	13539.99	13634.31	13524.23	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.45	130.64	134.36	130.15	3.44	ppb
Cobalt	59-2	127.92	131.59	133.64	131.05	2.21	ppb
Copper	63-2	1255.55	1319.70	1320.57	1298.61	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				97		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	6470.65	6678.84	6673.85	6607.78	1.80	ppb
Iron	57-2	6901.08	7154.14	7316.34	7123.85	2.94	ppb
Iron	54-2	7149.45	7339.03	7364.21	7284.23	1.61	ppb
Krypton	83-1						cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 12:01:06 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	607.89	617.95	616.11	613.98	0.87	ppb
Lead	207-1	612.43	616.84	618.78	616.02	0.53	ppb
Lead	208-1	608.99	613.46	612.99	611.81	0.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	12837.37	13055.67	13335.46	13076.17	1.91	ppb
Manganese	55-2	1234.57	1270.52	1255.89	1253.66	1.44	ppb
Molybdenum	94-1	1236.36	1249.95	1226.50	1237.60	0.95	ppb
Molybdenum	95-1	1250.51	1230.57	1236.88	1239.32	0.82	ppb
Molybdenum	96-1	1258.17	1233.07	1219.73	1236.99	1.58	ppb
Molybdenum	97-1	1264.16	1253.17	1241.79	1253.04	0.89	ppb
Molybdenum	98-1	1255.25	1237.57	1241.72	1244.85	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.54	133.13	131.48	130.38	2.63	ppb
Phosphorus	31-2	2455.09	2638.23	2519.85	2537.73	3.66	ppb
Potassium	39-2	6249.63	6395.10	6616.34	6420.36	2.88	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	129.39	129.53	130.31	129.75	0.38	ppb
Selenium	77-2	125.02	139.16	123.05	129.08	6.81	ppb
Selenium	78-2	126.86	136.16	137.58	133.53	4.36	ppb
Silicon	28-1	135.51	135.35	135.38	135.42	0.06	ppb
Silver	107-1	136.17	137.91	135.20	136.43	1.01	ppb
Silver	109-1	135.72	137.05	134.29	135.69	1.02	ppb
Sodium	23-2	12783.11	13115.91	13425.13	13108.05	2.45	ppb
Strontium	86-1	3127.94	3100.31	3080.62	3102.96	0.77	ppb
Strontium	88-1	3105.95	3107.56	3052.44	3088.65	1.02	ppb
Sulfur	34-1	2736.30	2731.44	2712.61	2726.78	0.46	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	118.57	119.85	118.14	118.85	0.75	ppb
Thallium	205-1	122.65	124.44	123.87	123.65	0.74	ppb
Tin	118-1	128.89	131.19	129.60	129.90	0.90	ppb
Titanium	47-1	1267.54	1282.16	1286.06	1278.59	0.76	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:01:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.41	122.68	120.69	120.93	1.37	ppb
Vanadium	51-2	123.29	129.11	128.32	126.91	2.49	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	1309.62	1352.95	1381.13	1347.90	2.67	ppb
Zirconium	90-1	125.13	124.24	123.50	124.29	0.66	ppb
Zirconium	91-1	125.56	127.14	125.24	125.98	0.81	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:04:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5713.80	6035.28	5624.22	5791.10	3.73	ppb
Antimony	121-1	252.85	258.03	251.28	254.05	1.39	ppb
Arsenic	75-2	262.95	283.41	266.91	271.09	4.00	ppb
Barium	135-1	1260.81	1260.38	1271.23	1264.14	0.49	ppb
Barium	137-1	1259.16	1273.17	1257.58	1263.30	0.68	ppb
Beryllium	9-1	264.05	263.45	262.46	263.32	0.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	256.69	262.64	260.91	260.08	1.18	ppb
Cadmium	106-1	256.86	255.69	250.94	254.50	1.23	ppb
Cadmium	111-1	257.62	261.93	260.21	259.92	0.84	ppb
Calcium	43-1	29715.42	30630.09	30539.17	30294.89	1.66	ppb
Calcium	44-1	26887.27	27510.48	27558.66	27318.80	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	273.92	290.47	268.30	277.57	4.15	ppb
Cobalt	59-2	272.40	287.56	269.15	276.37	3.56	ppb
Copper	63-2	2687.69	2829.95	2613.57	2710.41	4.06	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				94		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	13901.24	14714.68	13660.32	14092.08	3.92	ppb
Iron	57-2	14919.16	15808.69	14692.26	15140.04	3.90	ppb
Iron	54-2	14362.34	15003.54	13894.22	14420.03	3.86	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:04:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1223.79	1251.32	1219.82	1231.65	1.39	ppb
Lead	207-1	1224.07	1244.47	1209.36	1225.97	1.44	ppb
Lead	208-1	1223.50	1249.67	1221.44	1231.53	1.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	26926.20	28300.01	26874.91	27367.04	2.95	ppb
Manganese	55-2	2651.11	2784.30	2618.65	2684.69	3.27	ppb
Molybdenum	94-1	2518.87	2533.33	2496.42	2516.21	0.74	ppb
Molybdenum	95-1	2502.98	2532.68	2502.74	2512.80	0.69	ppb
Molybdenum	96-1	2509.48	2550.19	2504.49	2521.38	0.99	ppb
Molybdenum	97-1	2514.54	2544.73	2514.00	2524.42	0.70	ppb
Molybdenum	98-1	2518.77	2567.60	2505.36	2530.58	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.60	284.56	264.42	273.20	3.78	ppb
Phosphorus	31-2	5262.99	5578.07	5168.43	5336.50	4.02	ppb
Potassium	39-2	13471.03	14106.22	13189.89	13589.05	3.45	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	261.17	266.10	261.78	263.02	1.02	ppb
Selenium	77-2	281.56	297.42	274.70	284.56	4.10	ppb
Selenium	78-2	271.20	289.85	271.00	277.35	3.90	ppb
Silicon	28-1	263.76	268.50	267.74	266.67	0.95	ppb
Silver	107-1	259.41	263.37	258.30	260.36	1.02	ppb
Silver	109-1	259.24	259.75	263.01	260.66	0.78	ppb
Sodium	23-2	27207.28	28425.63	26904.49	27512.47	2.93	ppb
Strontium	86-1	6337.27	6370.41	6324.58	6344.09	0.37	ppb
Strontium	88-1	6265.88	6364.78	6220.79	6283.82	1.17	ppb
Sulfur	34-1	4863.56	5010.05	4673.83	4849.15	3.48	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	248.05	251.52	243.69	247.75	1.58	ppb
Thallium	205-1	248.49	251.01	243.82	247.77	1.47	ppb
Tin	118-1	255.29	254.98	249.31	253.19	1.33	ppb
Titanium	47-1	2472.61	2545.16	2521.26	2513.01	1.47	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:04:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	244.64	244.47	241.55	243.55	0.71	ppb
Vanadium	51-2	265.07	280.46	259.97	268.50	3.97	ppb
Yttrium	89-1				91		%
Yttrium	89-2				86		%
Zinc	66-2	2801.42	2943.93	2749.66	2831.67	3.55	ppb
Zirconium	90-1	249.98	256.21	250.86	252.35	1.34	ppb
Zirconium	91-1	253.75	259.58	255.92	256.42	1.15	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:06:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10418.96	10363.99	10600.50	10461.15	1.18	ppb
Antimony	121-1	552.76	503.43	511.24	522.47	5.07	ppb
Arsenic	75-2	502.71	514.01	501.12	505.95	1.39	ppb
Barium	135-1	2752.25	2527.96	2517.33	2599.18	5.10	ppb
Barium	137-1	2756.59	2542.32	2520.13	2606.35	5.01	ppb
Beryllium	9-1	555.14	520.79	518.17	531.37	3.88	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	560.89	504.60	519.70	528.40	5.51	ppb
Cadmium	106-1	556.72	511.35	512.13	526.73	4.93	ppb
Cadmium	111-1	561.14	521.20	516.64	532.99	4.59	ppb
Calcium	43-1	65126.84	60852.67	60161.02	62046.84	4.33	ppb
Calcium	44-1	58596.40	55036.14	54515.08	56049.21	3.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.23	511.12	505.84	505.73	1.08	ppb
Cobalt	59-2	498.35	506.19	504.16	502.90	0.81	ppb
Copper	63-2	5144.70	5094.06	5135.11	5124.63	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				86		%
Indium	115-2				89		%
Iron	56-2	26479.78	26414.19	26437.89	26443.95	0.13	ppb
Iron	57-2	26577.27	26662.83	26494.22	26578.11	0.32	ppb
Iron	54-2	27120.12	27317.07	27363.70	27266.96	0.47	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:06:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2674.97	2527.64	2476.14	2559.58	4.03	ppb
Lead	207-1	2640.56	2481.81	2466.99	2529.79	3.80	ppb
Lead	208-1	2655.04	2504.57	2482.91	2547.51	3.68	ppb
Lithium	6-1				89		%
Magnesium	24-2	51106.72	51420.28	51038.98	51188.66	0.40	ppb
Manganese	55-2	5055.49	5032.21	5031.45	5039.72	0.27	ppb
Molybdenum	94-1	5473.78	5045.39	4973.02	5164.06	5.24	ppb
Molybdenum	95-1	5474.09	5038.86	4986.07	5166.34	5.18	ppb
Molybdenum	96-1	5455.32	5108.06	4923.41	5162.26	5.23	ppb
Molybdenum	97-1	5465.59	5085.71	4955.07	5168.79	5.13	ppb
Molybdenum	98-1	5459.61	5050.46	4964.58	5158.22	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.96	510.59	512.44	512.33	0.33	ppb
Phosphorus	31-2	10103.07	10137.27	10051.85	10097.40	0.43	ppb
Potassium	39-2	25575.94	25879.08	25870.60	25775.21	0.67	ppb
Rhodium	103-1				83		%
Rhodium	103-2				89		%
Scandium	45-1				83		%
Scandium	45-2				88		%
Selenium	82-1	553.83	513.31	510.37	525.84	4.62	ppb
Selenium	77-2	538.29	520.62	527.62	528.84	1.68	ppb
Selenium	78-2	511.29	525.14	508.05	514.82	1.76	ppb
Silicon	28-1	558.66	521.79	512.23	530.89	4.62	ppb
Silver	107-1	558.31	513.63	517.00	529.65	4.70	ppb
Silver	109-1	554.61	509.37	512.03	525.34	4.83	ppb
Sodium	23-2	51475.59	52002.11	51454.50	51644.07	0.60	ppb
Strontium	86-1	13617.76	12619.98	12379.58	12872.44	5.10	ppb
Strontium	88-1	13610.48	12419.17	12466.08	12831.91	5.26	ppb
Sulfur	34-1	11070.52	9569.18	9224.38	9954.69	9.86	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	536.81	502.77	494.98	511.52	4.35	ppb
Thallium	205-1	533.42	506.64	487.70	509.26	4.51	ppb
Tin	118-1	551.20	508.10	512.32	523.88	4.54	ppb
Titanium	47-1	5435.27	5045.63	5014.77	5165.22	4.54	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:06:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	541.06	508.63	487.28	512.32	5.29	ppb
Vanadium	51-2	513.99	513.18	515.22	514.13	0.20	ppb
Yttrium	89-1				89		%
Yttrium	89-2				91		%
Zinc	66-2	5131.86	5063.95	5058.17	5084.66	0.81	ppb
Zirconium	90-1	538.96	507.96	504.01	516.98	3.70	ppb
Zirconium	91-1	539.99	500.89	503.63	514.84	4.24	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:09:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20634.74	20898.76	20564.24	20699.25	0.85	ppb
Antimony	121-1	981.11	992.21	987.66	986.99	0.57	ppb
Arsenic	75-2	986.25	991.84	995.35	991.15	0.46	ppb
Barium	135-1	4950.12	4947.53	4938.91	4945.52	0.12	ppb
Barium	137-1	4908.23	4967.65	4947.13	4941.00	0.61	ppb
Beryllium	9-1	971.04	983.27	984.12	979.48	0.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	978.74	985.67	981.03	981.81	0.36	ppb
Cadmium	106-1	976.93	999.18	976.89	984.34	1.31	ppb
Cadmium	111-1	975.74	985.22	978.01	979.66	0.50	ppb
Calcium	43-1	113956.75	113090.73	115550.04	114199.17	1.09	ppb
Calcium	44-1	107414.11	107085.47	107935.72	107478.43	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	975.82	1007.85	984.56	989.41	1.67	ppb
Cobalt	59-2	984.76	999.25	988.95	990.99	0.75	ppb
Copper	63-2	9860.62	9953.21	9816.79	9876.87	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	52024.41	52430.92	51834.60	52096.64	0.58	ppb
Iron	57-2	52525.34	52848.65	52238.69	52537.56	0.58	ppb
Iron	54-2	53103.84	53784.28	52480.15	53122.76	1.23	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:09:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4996.96	4956.85	4973.92	4975.91	0.40	ppb
Lead	207-1	5002.88	4966.23	5007.53	4992.21	0.45	ppb
Lead	208-1	5000.33	4955.26	4990.75	4982.11	0.48	ppb
Lithium	6-1				89		%
Magnesium	24-2	101203.49	102699.45	101239.43	101714.12	0.84	ppb
Manganese	55-2	9941.62	10052.77	9801.15	9931.85	1.27	ppb
Molybdenum	94-1	9894.82	9953.89	9891.91	9913.54	0.35	ppb
Molybdenum	95-1	9900.00	9904.66	9935.01	9913.22	0.19	ppb
Molybdenum	96-1	9841.41	9922.26	9975.38	9913.02	0.68	ppb
Molybdenum	97-1	9819.17	9907.80	9992.34	9906.43	0.87	ppb
Molybdenum	98-1	9857.54	9888.68	9989.65	9911.96	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.11	997.72	978.70	987.18	0.98	ppb
Phosphorus	31-2	19897.68	19954.46	19732.90	19861.68	0.58	ppb
Potassium	39-2	51140.02	51111.97	50224.67	50825.55	1.02	ppb
Rhodium	103-1				84		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	82-1	985.07	978.56	985.13	982.92	0.38	ppb
Selenium	77-2	938.00	992.22	998.85	976.36	3.42	ppb
Selenium	78-2	1001.31	975.22	976.88	984.47	1.48	ppb
Silicon	28-1	986.69	970.51	978.73	978.65	0.83	ppb
Silver	107-1	982.37	979.50	980.07	980.64	0.15	ppb
Silver	109-1	986.86	984.69	976.92	982.82	0.53	ppb
Sodium	23-2	102424.91	103340.09	102617.16	102794.05	0.47	ppb
Strontium	86-1	24842.05	24819.75	24702.94	24788.24	0.30	ppb
Strontium	88-1	24773.08	24898.31	24806.94	24826.11	0.26	ppb
Sulfur	34-1	20051.35	19806.68	20138.41	19998.81	0.86	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	1004.05	983.96	998.57	995.53	1.04	ppb
Thallium	205-1	1004.22	984.88	999.11	996.07	1.01	ppb
Tin	118-1	992.00	982.30	984.64	986.31	0.51	ppb
Titanium	47-1	9919.60	9783.67	10020.56	9907.94	1.20	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:09:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	992.73	991.69	1003.73	996.05	0.67	ppb
Vanadium	51-2	998.61	996.02	969.19	987.94	1.65	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	9756.83	9880.41	9942.93	9860.06	0.96	ppb
Zirconium	90-1	989.16	1001.46	981.71	990.78	1.01	ppb
Zirconium	91-1	983.37	986.68	1001.79	990.62	0.99	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:12:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100755.52	98719.48	99825.78	99766.93	1.02	ppb
Antimony	121-1	1.16	1.16	1.19	1.17	1.74	ppb
Arsenic	75-2	0.67	0.70	0.58	0.65	9.20	ppb
Barium	135-1	4.35	4.16	3.68	4.06	8.49	ppb
Barium	137-1	4.38	4.21	3.66	4.08	9.14	ppb
Beryllium	9-1	0.66	0.59	0.44	0.56	20.37	ppb
Bismuth	209-1				82		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	1.08	0.92	0.93	15.72	ppb
Cadmium	106-1	-1.00	0.85	0.24	0.03	3260.92	ppb
Cadmium	111-1	0.95	0.82	0.85	0.88	7.36	ppb
Calcium	43-1	491023.34	501099.13	494709.99	495610.82	1.03	ppb
Calcium	44-1	491625.05	502535.24	499087.22	497749.17	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.36	5.45	5.34	5.38	1.12	ppb
Cobalt	59-2	3.05	2.97	3.03	3.02	1.52	ppb
Copper	63-2	2.89	2.60	2.34	2.61	10.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				83		%
Indium	115-2				84		%
Iron	56-2	250452.67	246655.48	250928.66	249345.60	0.94	ppb
Iron	57-2	251425.85	247160.59	248943.14	249176.53	0.86	ppb
Iron	54-2	249560.59	246155.74	251349.74	249022.03	1.06	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:12:23	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.12	3.89	3.41	3.81	9.59	ppb
Lead	207-1	4.03	3.79	3.27	3.70	10.50	ppb
Lead	208-1	4.07	3.82	3.30	3.73	10.48	ppb
Lithium	6-1				85		%
Magnesium	24-2	501969.67	498694.14	497542.55	499402.12	0.46	ppb
Manganese	55-2	6.44	6.05	5.89	6.13	4.62	ppb
Molybdenum	94-1	5.96	5.45	4.51	5.31	13.79	ppb
Molybdenum	95-1	5.44	5.20	4.29	4.98	12.13	ppb
Molybdenum	96-1	6.66	6.35	5.16	6.06	13.07	ppb
Molybdenum	97-1	5.47	5.03	4.03	4.84	15.25	ppb
Molybdenum	98-1	5.50	4.93	3.75	4.73	18.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.75	4.64	4.74	4.71	1.28	ppb
Phosphorus	31-2	-3.25	-4.56	-4.94	-4.25		ppb
Potassium	39-2	250003.58	249346.18	249735.43	249695.06	0.13	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	5.74	6.29	6.10	6.04	4.65	ppb
Selenium	77-2	8.25	5.76	7.27	7.09	17.69	ppb
Selenium	78-2	5.89	4.33	2.48	4.23	40.33	ppb
Silicon	28-1	2.48	2.72	2.32	2.51	8.05	ppb
Silver	107-1	0.54	0.50	0.41	0.48	13.11	ppb
Silver	109-1	0.57	0.50	0.42	0.49	15.44	ppb
Sodium	23-2	499471.35	494845.53	503081.22	499132.70	0.83	ppb
Strontium	86-1	11.32	9.95	7.44	9.57	20.60	ppb
Strontium	88-1	11.42	9.99	7.46	9.63	20.81	ppb
Sulfur	34-1	-1747.94	-1309.26	-1116.48	-1391.23		ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.71	0.66	0.54	0.64	13.32	ppb
Thallium	205-1	0.72	0.65	0.55	0.64	12.81	ppb
Tin	118-1	1.02	0.96	0.85	0.94	9.14	ppb
Titanium	47-1	4.77	4.27	3.57	4.20	14.36	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:12:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.58	0.48	0.56	13.58	ppb
Vanadium	51-2	0.31	0.33	0.33	0.33	3.18	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%
Zinc	66-2	10.99	10.21	10.75	10.65	3.75	ppb
Zirconium	90-1	0.78	0.76	0.65	0.73	9.83	ppb
Zirconium	91-1	0.79	0.78	0.63	0.73	12.25	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICV17	Instrumnet Name :	P7
Client Sample ID :	ICV17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:48:09	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	537.77	532.76	530.07	533.53	0.73	ppb
Antimony	121-1	199.55	205.58	195.95	200.36	2.43	ppb
Arsenic	75-2	203.64	203.17	204.95	203.92	0.45	ppb
Barium	135-1	99.75	101.76	97.74	99.75	2.02	ppb
Barium	137-1	99.52	101.23	97.86	99.54	1.69	ppb
Beryllium	9-1	104.76	102.69	101.71	103.05	1.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	160.77	160.87	154.22	158.62	2.40	ppb
Cadmium	106-1	168.48	166.65	159.00	164.71	3.05	ppb
Cadmium	111-1	107.34	109.39	105.01	107.25	2.04	ppb
Calcium	43-1	2243.72	2318.88	2217.50	2260.04	2.33	ppb
Calcium	44-1	2196.89	2234.95	2153.25	2195.03	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.22	102.98	103.84	103.68	0.62	ppb
Cobalt	59-2	104.81	103.44	103.88	104.04	0.67	ppb
Copper	63-2	104.02	102.44	102.89	103.12	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	2055.80	2059.80	2044.23	2053.28	0.39	ppb
Iron	57-2	2196.62	2200.32	2204.12	2200.35	0.17	ppb
Iron	54-2	2302.76	2307.62	2308.64	2306.34	0.14	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICV17	Instrumnet Name :	P7
Client Sample ID :	ICV17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:48:09	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	208.23	211.98	205.89	208.70	1.47	ppb
Lead	207-1	198.96	200.35	195.97	198.43	1.13	ppb
Lead	208-1	209.23	211.14	202.87	207.75	2.08	ppb
Lithium	6-1				94		%
Magnesium	24-2	1199.85	1186.75	1193.25	1193.28	0.55	ppb
Manganese	55-2	104.00	103.50	103.59	103.70	0.26	ppb
Molybdenum	94-1	4623.27	4732.09	4627.55	4660.97	1.32	ppb
Molybdenum	95-1	4631.34	4722.67	4560.41	4638.14	1.75	ppb
Molybdenum	96-1	4629.20	4788.68	4569.08	4662.32	2.43	ppb
Molybdenum	97-1	4598.55	4706.02	4582.53	4629.03	1.45	ppb
Molybdenum	98-1	4602.56	4712.69	4650.75	4655.33	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.74	105.59	103.93	105.09	0.96	ppb
Phosphorus	31-2	-8.63	-10.45	-10.44	-9.84		ppb
Potassium	39-2	2092.50	2086.81	2084.26	2087.85	0.20	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	202.99	213.34	203.78	206.70	2.79	ppb
Selenium	77-2	221.79	199.02	227.45	216.08	6.97	ppb
Selenium	78-2	206.37	214.46	207.80	209.54	2.06	ppb
Silicon	28-1	34.11	35.79	33.48	34.46	3.46	ppb
Silver	107-1	52.66	54.12	52.77	53.18	1.53	ppb
Silver	109-1	52.45	53.73	51.81	52.66	1.86	ppb
Sodium	23-2	2087.15	1989.09	1964.75	2013.66	3.22	ppb
Strontium	86-1	496.08	508.82	498.75	501.22	1.34	ppb
Strontium	88-1	488.11	491.28	480.87	486.75	1.10	ppb
Sulfur	34-1	-1470.50	-1631.40	-1893.57	-1665.16		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	207.72	211.76	203.04	207.51	2.10	ppb
Thallium	205-1	212.01	218.55	208.50	213.02	2.39	ppb
Tin	118-1	516.89	522.83	510.62	516.78	1.18	ppb
Titanium	47-1	4651.38	4756.67	4626.88	4678.31	1.47	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICV17	Instrumnet Name :	P7
Client Sample ID :	ICV17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:48:09	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	494.01	507.26	487.97	496.41	1.99	ppb
Vanadium	51-2	98.29	96.91	98.06	97.75	0.76	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	205.03	204.12	204.94	204.70	0.24	ppb
Zirconium	90-1	481.14	486.90	479.40	482.48	0.81	ppb
Zirconium	91-1	486.77	497.21	474.98	486.32	2.29	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:58:04	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.36	19.96	20.12	20.48	3.75	ppb
Antimony	121-1	2.02	1.98	2.03	2.01	1.44	ppb
Arsenic	75-2	1.00	0.96	1.25	1.07	14.57	ppb
Barium	135-1	9.75	9.56	9.55	9.62	1.17	ppb
Barium	137-1	9.84	9.64	9.84	9.77	1.15	ppb
Beryllium	9-1	1.10	1.10	1.14	1.11	1.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.25	0.96	1.12	13.09	ppb
Cadmium	106-1	-0.23	-0.72	-1.29	-0.75		ppb
Cadmium	111-1	1.08	1.02	1.01	1.04	3.68	ppb
Calcium	43-1	509.71	490.87	508.78	503.12	2.11	ppb
Calcium	44-1	523.32	517.73	515.21	518.75	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.92	1.98	1.99	3.28	ppb
Cobalt	59-2	1.06	1.10	1.02	1.06	4.20	ppb
Copper	63-2	2.08	2.10	2.06	2.08	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	55.16	54.41	54.98	54.85	0.71	ppb
Iron	57-2	57.73	56.47	56.83	57.01	1.14	ppb
Iron	54-2	55.68	55.43	55.81	55.64	0.35	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:58:04	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	0.87	0.88	0.87	1.73	ppb
Lead	207-1	0.87	0.89	0.87	0.88	1.22	ppb
Lead	208-1	0.88	0.87	0.87	0.87	0.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	506.42	508.77	505.50	506.90	0.33	ppb
Manganese	55-2	0.99	1.10	1.03	1.04	5.43	ppb
Molybdenum	94-1	5.64	5.61	5.57	5.61	0.62	ppb
Molybdenum	95-1	4.61	4.76	4.66	4.68	1.67	ppb
Molybdenum	96-1	4.77	4.75	4.69	4.74	0.87	ppb
Molybdenum	97-1	4.78	4.86	4.90	4.85	1.28	ppb
Molybdenum	98-1	4.76	4.70	4.60	4.69	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.96	1.00	0.99	2.34	ppb
Phosphorus	31-2	8.97	19.77	22.88	17.21	42.43	ppb
Potassium	39-2	518.98	512.49	519.40	516.96	0.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	4.93	5.16	5.16	5.08	2.59	ppb
Selenium	77-2	7.33	4.57	7.14	6.34	24.32	ppb
Selenium	78-2	5.03	5.43	5.19	5.21	3.82	ppb
Silicon	28-1	-0.55	-0.61	-0.57	-0.57		ppb
Silver	107-1	1.03	1.03	1.08	1.05	2.54	ppb
Silver	109-1	1.03	1.03	1.06	1.04	1.27	ppb
Sodium	23-2	516.52	522.17	519.64	519.44	0.54	ppb
Strontium	86-1	0.98	0.98	1.00	0.99	1.22	ppb
Strontium	88-1	0.97	0.95	0.95	0.95	1.40	ppb
Sulfur	34-1	-822.03	-920.70	-915.67	-886.13		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.85	0.87	0.88	0.87	1.96	ppb
Thallium	205-1	0.86	0.88	0.89	0.87	1.85	ppb
Tin	118-1	5.16	4.97	4.94	5.02	2.35	ppb
Titanium	47-1	5.08	5.05	4.99	5.04	0.90	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:58:04	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.81	0.82	0.81	0.63	ppb
Vanadium	51-2	4.74	4.89	4.89	4.84	1.72	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	4.61	4.84	4.96	4.80	3.65	ppb
Zirconium	90-1	0.95	0.97	0.93	0.95	1.88	ppb
Zirconium	91-1	0.89	0.93	0.92	0.91	2.14	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICB17	Instrumnet Name :	P7
Client Sample ID :	ICB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:01:20	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	-0.08	-0.33	-0.27		ppb
Antimony	121-1	0.02	0.03	0.04	0.03	26.79	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	86.61	ppb
Barium	135-1	0.01	0.00	0.00	0.00	36.19	ppb
Barium	137-1	0.01	0.00	0.00	0.01	72.51	ppb
Beryllium	9-1	0.02	0.04	0.04	0.03	32.64	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.06	0.05	0.00		ppb
Cadmium	106-1	-1.19	-1.62	-0.99	-1.27		ppb
Cadmium	111-1	-0.04	-0.04	-0.03	-0.04		ppb
Calcium	43-1	2.24	-5.48	-4.93	-2.73		ppb
Calcium	44-1	-0.02	-1.62	-1.77	-1.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.06	0.06	0.04	53.04	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	77.11	ppb
Copper	63-2	0.14	0.12	0.00	0.09	88.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	0.21	0.21	0.27	0.23	14.87	ppb
Iron	57-2	2.11	-0.11	3.10	1.70	96.78	ppb
Iron	54-2	0.93	1.05	1.23	1.07	14.24	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICB17	Instrumnet Name :	P7
Client Sample ID :	ICB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:01:20	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	21.80	ppb
Lead	207-1	0.03	0.04	0.03	0.03	17.87	ppb
Lead	208-1	0.04	0.03	0.03	0.03	19.43	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.08	0.11	0.01	0.01	940.48	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	36.21	ppb
Molybdenum	94-1	0.06	0.05	0.06	0.06	13.45	ppb
Molybdenum	95-1	0.08	0.05	0.05	0.06	23.09	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.05	19.27	ppb
Molybdenum	97-1	0.07	0.06	0.05	0.06	19.12	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	10.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-17.30	-14.11	-9.67	-13.69		ppb
Potassium	39-2	3.76	3.42	-2.14	1.68	197.27	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	-0.37	-0.09	0.34	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	0.01	-0.18	-0.26		ppb
Silicon	28-1	0.15	-0.98	-0.99	-0.61		ppb
Silver	107-1	0.02	0.01	0.01	0.01	17.37	ppb
Silver	109-1	0.02	0.01	0.02	0.01	33.62	ppb
Sodium	23-2	11.73	11.22	10.72	11.22	4.50	ppb
Strontium	86-1	0.03	0.01	0.03	0.02	44.40	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	21.74	ppb
Sulfur	34-1	290.51	-614.62	-629.62	-317.91		ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.88	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.02	ppb
Tin	118-1	0.03	0.02	0.03	0.03	24.84	ppb
Titanium	47-1	0.04	0.03	0.03	0.03	22.52	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICB17	Instrumnet Name :	P7
Client Sample ID :	ICB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:01:20	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	1.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	194.01	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%
Zinc	66-2	0.05	0.00	0.01	0.02	151.12	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	40.84	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	167.19	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSA17	Instrumnet Name :	P7
Client Sample ID :	ICSA17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:04:38	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94871.85	96508.48	97541.06	96307.13	1.40	ppb
Antimony	121-1	1.08	1.14	1.16	1.13	3.55	ppb
Arsenic	75-2	0.31	0.32	0.35	0.33	6.91	ppb
Barium	135-1	1.43	1.41	1.45	1.43	1.38	ppb
Barium	137-1	1.37	1.38	1.38	1.38	0.53	ppb
Beryllium	9-1	0.32	0.32	0.25	0.30	14.09	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.79	9.03	9.80	9.54	4.61	ppb
Cadmium	106-1	-0.47	-2.76	-2.32	-1.85		ppb
Cadmium	111-1	0.39	0.36	0.19	0.32	33.60	ppb
Calcium	43-1	97467.77	100665.01	99244.07	99125.62	1.62	ppb
Calcium	44-1	96178.47	100385.03	97957.22	98173.58	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.59	19.72	20.02	19.78	1.11	ppb
Cobalt	59-2	1.21	1.23	1.30	1.25	3.59	ppb
Copper	63-2	8.76	8.99	9.10	8.95	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	100388.64	100157.31	101770.76	100772.23	0.87	ppb
Iron	57-2	98650.73	99437.17	101728.48	99938.79	1.60	ppb
Iron	54-2	99887.66	101531.26	101760.24	101059.72	1.01	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSA17	Instrumnet Name :	P7
Client Sample ID :	ICSA17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:04:38	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.59	4.54	4.44	4.52	1.74	ppb
Lead	207-1	4.19	4.02	4.01	4.07	2.41	ppb
Lead	208-1	4.28	4.25	4.20	4.24	0.99	ppb
Lithium	6-1				89		%
Magnesium	24-2	91105.13	92721.00	92996.50	92274.21	1.11	ppb
Manganese	55-2	8.01	8.18	8.09	8.09	1.03	ppb
Molybdenum	94-1	1483.85	1491.60	1497.89	1491.11	0.47	ppb
Molybdenum	95-1	1821.46	1835.92	1832.28	1829.89	0.41	ppb
Molybdenum	96-1	1800.59	1823.60	1790.26	1804.82	0.95	ppb
Molybdenum	97-1	1821.46	1891.05	1833.07	1848.53	2.02	ppb
Molybdenum	98-1	1821.01	1871.79	1842.42	1845.07	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.53	5.28	5.61	5.48	3.18	ppb
Phosphorus	31-2	94694.03	96841.64	97989.14	96508.27	1.73	ppb
Potassium	39-2	95015.67	95969.38	98772.59	96585.88	2.02	ppb
Rhodium	103-1				83		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	82-1	-0.70	-0.55	-0.42	-0.55		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	0.68	-0.92	0.07	1285.97	ppb
Silicon	28-1	0.81	1.00	0.88	0.90	10.92	ppb
Silver	107-1	0.05	0.06	0.04	0.05	21.69	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.05	ppb
Sodium	23-2	96260.85	98484.51	99754.57	98166.64	1.80	ppb
Strontium	86-1	32.82	33.86	32.86	33.18	1.77	ppb
Strontium	88-1	32.68	33.51	33.14	33.11	1.25	ppb
Sulfur	34-1	105559.33	110030.06	106802.49	107463.96	2.15	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.11	0.13	0.13	0.12	9.73	ppb
Thallium	205-1	0.13	0.15	0.13	0.14	7.97	ppb
Tin	118-1	0.31	0.30	0.24	0.28	12.69	ppb
Titanium	47-1	1981.59	2064.15	2043.96	2029.90	2.12	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSA17	Instrumnet Name :	P7
Client Sample ID :	ICSA17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:04:38	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	5.96	ppb
Vanadium	51-2	0.18	0.19	0.16	0.18	11.11	ppb
Yttrium	89-1				89		%
Yttrium	89-2				91		%
Zinc	66-2	11.24	10.87	11.33	11.15	2.17	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	13.40	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	19.43	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSAB17	Instrumnet Name :	P7
Client Sample ID :	ICSAB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:07:40	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98202.24	97267.00	96225.90	97231.72	1.02	ppb
Antimony	121-1	20.74	21.46	19.41	20.54	5.05	ppb
Arsenic	75-2	19.86	19.31	19.88	19.68	1.64	ppb
Barium	135-1	20.75	21.33	19.46	20.52	4.66	ppb
Barium	137-1	20.42	21.72	19.44	20.53	5.57	ppb
Beryllium	9-1	20.69	22.00	19.78	20.82	5.37	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.42	32.25	28.44	30.04	6.58	ppb
Cadmium	106-1	21.58	23.44	20.42	21.81	6.99	ppb
Cadmium	111-1	19.70	20.48	18.35	19.51	5.51	ppb
Calcium	43-1	98375.51	105732.34	94573.78	99560.54	5.70	ppb
Calcium	44-1	97803.81	104507.32	94189.33	98833.49	5.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.99	40.08	39.39	39.82	0.93	ppb
Cobalt	59-2	20.56	20.78	20.57	20.64	0.60	ppb
Copper	63-2	28.65	28.25	28.17	28.36	0.90	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				95		%
Holmium	165-2				97		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	56-2	102671.45	103054.84	100253.33	101993.21	1.49	ppb
Iron	57-2	101497.96	101924.11	100400.53	101274.20	0.78	ppb
Iron	54-2	103134.91	104207.11	100665.56	102669.19	1.77	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSAB17	Instrumnet Name :	P7
Client Sample ID :	ICSAB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:07:40	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.77	28.76	26.34	27.62	4.41	ppb
Lead	207-1	26.38	27.70	25.09	26.39	4.95	ppb
Lead	208-1	26.96	28.10	25.49	26.85	4.87	ppb
Lithium	6-1				89		%
Magnesium	24-2	94320.56	93743.91	92455.08	93506.52	1.02	ppb
Manganese	55-2	28.33	27.75	27.33	27.80	1.82	ppb
Molybdenum	94-1	1628.36	1744.89	1576.48	1649.91	5.23	ppb
Molybdenum	95-1	1857.41	2003.14	1828.19	1896.25	4.94	ppb
Molybdenum	96-1	1832.36	1974.53	1813.61	1873.50	4.70	ppb
Molybdenum	97-1	1880.03	2020.16	1841.25	1913.81	4.92	ppb
Molybdenum	98-1	1867.57	2035.43	1820.14	1907.71	5.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.82	24.37	24.42	24.54	1.01	ppb
Phosphorus	31-2	98544.53	97510.44	97230.93	97761.97	0.71	ppb
Potassium	39-2	98050.93	98292.11	95130.02	97157.69	1.81	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	82-1	18.93	20.18	17.48	18.86	7.18	ppb
Selenium	77-2	22.55	14.67	18.10	18.44	21.41	ppb
Selenium	78-2	19.99	20.82	16.31	19.04	12.62	ppb
Silicon	28-1	7.46	8.95	6.58	7.66	15.61	ppb
Silver	107-1	18.96	19.95	18.18	19.03	4.65	ppb
Silver	109-1	18.88	19.77	17.96	18.87	4.80	ppb
Sodium	23-2	101155.04	100087.26	99222.28	100154.86	0.97	ppb
Strontium	86-1	87.96	93.17	85.66	88.93	4.33	ppb
Strontium	88-1	85.57	91.89	84.36	87.27	4.63	ppb
Sulfur	34-1	106908.97	112993.75	101573.54	107158.75	5.33	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	21.46	22.47	20.57	21.50	4.41	ppb
Thallium	205-1	21.44	22.56	20.35	21.45	5.14	ppb
Tin	118-1	55.29	58.06	52.92	55.42	4.65	ppb
Titanium	47-1	2078.69	2249.93	1982.32	2103.65	6.44	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSAB17	Instrumnet Name :	P7
Client Sample ID :	ICSAB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:07:40	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	52.00	54.79	49.87	52.22	4.72	ppb
Vanadium	51-2	19.58	19.36	18.87	19.27	1.87	ppb
Yttrium	89-1				89		%
Yttrium	89-2				91		%
Zinc	66-2	30.54	30.83	31.44	30.94	1.49	ppb
Zirconium	90-1	54.27	58.40	52.91	55.20	5.18	ppb
Zirconium	91-1	54.28	57.95	53.29	55.17	4.45	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:10:43	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51139.29	52053.34	51445.71	51546.11	0.90	ppb
Antimony	121-1	484.60	494.18	494.47	491.08	1.14	ppb
Arsenic	75-2	509.03	513.54	520.37	514.31	1.11	ppb
Barium	135-1	2468.81	2539.68	2502.68	2503.72	1.42	ppb
Barium	137-1	2418.51	2498.58	2496.35	2471.15	1.85	ppb
Beryllium	9-1	516.68	518.35	526.52	520.51	1.01	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.72	500.41	498.78	498.30	0.48	ppb
Cadmium	106-1	490.74	505.86	501.05	499.22	1.55	ppb
Cadmium	111-1	490.49	505.90	504.33	500.24	1.70	ppb
Calcium	43-1	252438.42	261494.77	258307.20	257413.46	1.78	ppb
Calcium	44-1	253065.58	255371.75	256639.92	255025.75	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.51	523.29	515.18	517.33	1.01	ppb
Cobalt	59-2	509.94	518.09	513.65	513.89	0.79	ppb
Copper	63-2	4976.55	5038.54	5002.51	5005.87	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	130988.09	132814.36	129562.73	131121.72	1.24	ppb
Iron	57-2	131125.09	131308.39	128326.59	130253.36	1.28	ppb
Iron	54-2	130929.84	132429.52	129518.76	130959.37	1.11	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:10:43	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2535.04	2509.04	2524.41	2522.83	0.52	ppb
Lead	207-1	2529.53	2478.65	2517.27	2508.49	1.06	ppb
Lead	208-1	2524.76	2494.07	2522.10	2513.65	0.68	ppb
Lithium	6-1				87		%
Magnesium	24-2	255593.38	256866.58	255903.05	256121.00	0.26	ppb
Manganese	55-2	5008.33	5071.10	4944.20	5007.88	1.27	ppb
Molybdenum	94-1	4889.57	4961.69	5008.27	4953.17	1.21	ppb
Molybdenum	95-1	4895.51	4967.17	5008.57	4957.08	1.15	ppb
Molybdenum	96-1	4879.44	5006.77	5014.97	4967.06	1.53	ppb
Molybdenum	97-1	4882.63	4944.96	5027.13	4951.58	1.46	ppb
Molybdenum	98-1	4938.18	4967.60	5001.11	4968.97	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.49	508.66	504.64	506.59	0.40	ppb
Phosphorus	31-2	9943.26	9955.11	9817.10	9905.16	0.77	ppb
Potassium	39-2	124925.67	125454.92	124334.43	124905.00	0.45	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	493.02	499.01	500.11	497.38	0.77	ppb
Selenium	77-2	491.15	512.75	513.17	505.69	2.49	ppb
Selenium	78-2	497.71	510.94	504.18	504.28	1.31	ppb
Silicon	28-1	502.76	505.83	501.70	503.43	0.43	ppb
Silver	107-1	491.85	502.16	500.31	498.10	1.10	ppb
Silver	109-1	491.59	497.34	496.61	495.18	0.63	ppb
Sodium	23-2	254592.86	256673.43	256097.83	255788.04	0.42	ppb
Strontium	86-1	12225.23	12358.56	12467.84	12350.54	0.98	ppb
Strontium	88-1	12119.10	12422.16	12383.46	12308.24	1.34	ppb
Sulfur	34-1	9334.02	9222.12	9059.70	9205.28	1.50	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	518.53	510.21	507.59	512.11	1.12	ppb
Thallium	205-1	508.80	504.09	504.65	505.85	0.51	ppb
Tin	118-1	488.63	496.35	500.92	495.30	1.25	ppb
Titanium	47-1	4906.66	4953.45	4946.00	4935.37	0.51	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:10:43	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.52	514.60	518.71	517.94	0.59	ppb
Vanadium	51-2	517.16	510.92	505.03	511.04	1.19	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	5006.27	5027.11	5031.29	5021.56	0.27	ppb
Zirconium	90-1	491.13	504.14	499.47	498.25	1.32	ppb
Zirconium	91-1	499.66	494.57	512.08	502.10	1.79	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:17:48	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	0.71	1.14	1.08	31.52	ppb
Antimony	121-1	0.10	0.12	0.13	0.12	10.47	ppb
Arsenic	75-2	0.05	0.01	0.00	0.02	132.45	ppb
Barium	135-1	0.02	0.01	0.05	0.02	89.98	ppb
Barium	137-1	0.01	0.01	0.01	0.01	23.86	ppb
Beryllium	9-1	0.07	0.04	0.03	0.05	38.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.04	0.03	0.03	219.13	ppb
Cadmium	106-1	-1.81	-1.97	-3.72	-2.50		ppb
Cadmium	111-1	-0.05	-0.06	-0.11	-0.08		ppb
Calcium	43-1	-3.01	-8.14	-1.60	-4.25		ppb
Calcium	44-1	0.71	0.23	0.15	0.36	82.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.03	0.01	150.44	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	38.83	ppb
Copper	63-2	0.21	0.26	0.31	0.26	17.77	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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	2.93	2.91	3.67	3.17	13.62	ppb
Iron	57-2	2.40	4.71	3.69	3.60	32.12	ppb
Iron	54-2	4.01	3.04	4.15	3.73	16.25	ppb
Krypton	83-1						cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P7
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:17:48 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.09	0.08	0.09	7.30	ppb
Lead	207-1	0.10	0.09	0.09	0.09	8.02	ppb
Lead	208-1	0.10	0.09	0.09	0.09	6.29	ppb
Lithium	6-1				93		%
Magnesium	24-2	3.34	4.08	4.82	4.08	18.14	ppb
Manganese	55-2	0.08	0.09	0.10	0.09	10.60	ppb
Molybdenum	94-1	0.10	0.14	0.15	0.13	22.90	ppb
Molybdenum	95-1	0.12	0.09	0.12	0.11	14.98	ppb
Molybdenum	96-1	0.09	0.09	0.11	0.10	11.73	ppb
Molybdenum	97-1	0.12	0.09	0.12	0.11	16.58	ppb
Molybdenum	98-1	0.10	0.10	0.11	0.10	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-15.10	-9.89	-13.00	-12.66		ppb
Potassium	39-2	13.50	15.15	12.87	13.84	8.49	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	-0.51	-0.22	-0.09	-0.27		ppb
Selenium	77-2	0.00	0.33	0.00	0.11	173.21	ppb
Selenium	78-2	-0.19	-0.89	-0.15	-0.41		ppb
Silicon	28-1	-0.87	-1.34	-1.32	-1.18		ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.90	ppb
Silver	109-1	0.02	0.01	0.02	0.02	16.79	ppb
Sodium	23-2	37.69	38.53	37.81	38.01	1.19	ppb
Strontium	86-1	0.09	0.08	0.12	0.10	17.78	ppb
Strontium	88-1	0.08	0.07	0.10	0.08	15.38	ppb
Sulfur	34-1	-1691.18	-1975.69	-1939.47	-1868.78		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.05	0.05	0.05	8.35	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	12.19	ppb
Tin	118-1	0.03	0.01	0.02	0.02	30.17	ppb
Titanium	47-1	0.05	0.06	0.06	0.06	13.43	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:17:48	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	28.05	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	52.27	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	0.16	-0.03	-0.02	0.04	265.25	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	20.89	ppb
Zirconium	91-1	0.01	0.02	0.05	0.03	77.18	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:22:00	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.57	21.46	19.78	20.60	4.08	ppb
Antimony	121-1	1.93	1.95	1.92	1.94	0.69	ppb
Arsenic	75-2	1.14	1.04	1.06	1.08	4.94	ppb
Barium	135-1	9.37	9.28	9.34	9.33	0.50	ppb
Barium	137-1	9.41	9.37	9.44	9.41	0.37	ppb
Beryllium	9-1	1.03	1.10	1.05	1.06	3.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	0.71	1.09	0.88	21.88	ppb
Cadmium	106-1	-0.37	-0.20	0.09	-0.16		ppb
Cadmium	111-1	0.99	0.97	1.03	1.00	2.98	ppb
Calcium	43-1	493.45	496.15	503.13	497.58	1.00	ppb
Calcium	44-1	500.06	515.75	509.45	508.42	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	2.01	1.97	2.01	2.02	ppb
Cobalt	59-2	1.07	1.02	1.01	1.03	3.30	ppb
Copper	63-2	2.10	2.16	2.04	2.10	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	55.85	54.99	54.03	54.96	1.66	ppb
Iron	57-2	53.58	59.33	53.19	55.36	6.21	ppb
Iron	54-2	55.38	56.22	55.76	55.79	0.76	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:22:00	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.88	0.90	0.90	0.89	0.75	ppb
Lead	207-1	0.86	0.89	0.88	0.88	1.75	ppb
Lead	208-1	0.89	0.90	0.89	0.89	0.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	510.54	499.87	496.97	502.46	1.42	ppb
Manganese	55-2	1.09	1.00	0.97	1.02	6.31	ppb
Molybdenum	94-1	5.17	5.36	5.42	5.32	2.48	ppb
Molybdenum	95-1	4.54	4.60	4.45	4.53	1.70	ppb
Molybdenum	96-1	4.65	4.59	4.56	4.60	0.91	ppb
Molybdenum	97-1	4.55	4.58	4.56	4.56	0.28	ppb
Molybdenum	98-1	4.51	4.63	4.65	4.60	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.04	0.93	1.01	6.68	ppb
Phosphorus	31-2	5.59	20.28	19.06	14.97	54.45	ppb
Potassium	39-2	518.06	513.81	509.86	513.91	0.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	4.58	4.53	4.16	4.43	5.17	ppb
Selenium	77-2	6.27	4.72	3.88	4.96	24.46	ppb
Selenium	78-2	5.14	6.60	5.34	5.69	13.89	ppb
Silicon	28-1	-0.91	-0.55	-0.81	-0.76		ppb
Silver	107-1	0.96	0.97	1.03	0.99	3.62	ppb
Silver	109-1	0.96	0.99	1.00	0.98	2.14	ppb
Sodium	23-2	533.59	529.31	524.96	529.29	0.81	ppb
Strontium	86-1	0.97	0.96	0.93	0.95	2.00	ppb
Strontium	88-1	0.97	0.97	0.95	0.96	1.12	ppb
Sulfur	34-1	-1682.11	-1484.29	-1587.74	-1584.71		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.87	0.88	0.86	0.87	0.93	ppb
Thallium	205-1	0.90	0.92	0.86	0.89	3.39	ppb
Tin	118-1	4.83	4.82	4.95	4.87	1.54	ppb
Titanium	47-1	4.87	5.07	4.72	4.89	3.58	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:22:00	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.82	0.81	0.81	1.07	ppb
Vanadium	51-2	4.84	4.76	4.58	4.73	2.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	4.85	4.75	4.97	4.86	2.25	ppb
Zirconium	90-1	0.90	0.95	0.93	0.93	2.28	ppb
Zirconium	91-1	0.92	0.91	0.99	0.94	4.35	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:25:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.70	14.68	15.86	14.75	7.33	ppb
Antimony	121-1	0.79	0.79	0.79	0.79	0.50	ppb
Arsenic	75-2	0.68	0.73	0.78	0.73	6.81	ppb
Barium	135-1	3.55	3.49	3.55	3.53	0.94	ppb
Barium	137-1	3.65	3.56	3.63	3.61	1.31	ppb
Beryllium	9-1	0.72	0.79	0.74	0.75	4.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.53	0.85	0.58	0.66	26.20	ppb
Cadmium	106-1	1.50	-0.94	-1.22	-0.22		ppb
Cadmium	111-1	0.81	0.71	0.66	0.73	10.15	ppb
Calcium	43-1	73.38	70.42	68.80	70.87	3.28	ppb
Calcium	44-1	75.50	75.28	79.87	76.88	3.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.73	0.78	0.73	6.64	ppb
Cobalt	59-2	0.70	0.72	0.77	0.73	4.91	ppb
Copper	63-2	1.40	1.37	1.51	1.43	5.19	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				100		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				104		%
Iron	56-2	38.52	39.99	40.95	39.82	3.06	ppb
Iron	57-2	37.28	40.64	40.47	39.46	4.80	ppb
Iron	54-2	38.38	40.40	43.79	40.86	6.69	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:25:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.71	0.69	0.71	0.70	1.94	ppb
Lead	207-1	0.70	0.68	0.72	0.70	2.85	ppb
Lead	208-1	0.71	0.69	0.72	0.71	1.92	ppb
Lithium	6-1				96		%
Magnesium	24-2	69.59	74.14	75.76	73.16	4.37	ppb
Manganese	55-2	1.40	1.52	1.57	1.50	5.77	ppb
Molybdenum	94-1	1.77	1.72	1.80	1.76	2.49	ppb
Molybdenum	95-1	0.73	0.70	0.71	0.71	1.91	ppb
Molybdenum	96-1	0.82	0.83	0.87	0.84	3.12	ppb
Molybdenum	97-1	0.66	0.69	0.75	0.70	6.39	ppb
Molybdenum	98-1	0.74	0.76	0.73	0.74	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.67	0.72	0.66	10.18	ppb
Phosphorus	31-2	-4.13	-2.75	11.71	1.61	545.40	ppb
Potassium	39-2	27.96	33.64	40.85	34.15	18.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	82-1	0.78	1.02	0.56	0.78	29.22	ppb
Selenium	77-2	0.58	0.62	0.00	0.40	86.71	ppb
Selenium	78-2	0.75	1.10	0.39	0.75	47.41	ppb
Silicon	28-1	-1.16	-1.33	-1.03	-1.17		ppb
Silver	107-1	0.78	0.80	0.78	0.79	1.27	ppb
Silver	109-1	0.81	0.78	0.82	0.80	2.34	ppb
Sodium	23-2	92.09	94.59	98.28	94.99	3.28	ppb
Strontium	86-1	0.68	0.82	0.75	0.75	8.98	ppb
Strontium	88-1	0.69	0.70	0.73	0.70	2.82	ppb
Sulfur	34-1	-1414.92	-1554.51	-1208.44	-1392.62		ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	0.73	0.69	0.71	0.71	2.86	ppb
Thallium	205-1	0.69	0.69	0.73	0.70	2.95	ppb
Tin	118-1	0.76	0.74	0.77	0.76	1.92	ppb
Titanium	47-1	0.74	0.74	0.82	0.77	6.07	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:25:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.62	0.64	0.64	2.72	ppb
Vanadium	51-2	0.71	0.72	0.76	0.73	3.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	1.32	1.51	1.41	1.41	6.54	ppb
Zirconium	90-1	0.68	0.71	0.68	0.69	2.34	ppb
Zirconium	91-1	0.65	0.70	0.69	0.68	3.85	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.36	9.11	8.72	9.06	3.52	ppb
Antimony	121-1	0.48	0.47	0.49	0.48	2.47	ppb
Arsenic	75-2	0.43	0.38	0.47	0.42	9.90	ppb
Barium	135-1	2.06	2.13	2.15	2.11	2.27	ppb
Barium	137-1	2.05	2.21	2.24	2.17	4.84	ppb
Beryllium	9-1	0.54	0.48	0.48	0.50	7.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.32	0.65	0.40	0.46	36.66	ppb
Cadmium	106-1	-0.66	-1.84	-0.02	-0.84		ppb
Cadmium	111-1	0.39	0.41	0.44	0.41	6.40	ppb
Calcium	43-1	209.59	221.12	237.98	222.89	6.41	ppb
Calcium	44-1	219.64	225.76	231.14	225.52	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.42	0.49	0.45	7.41	ppb
Cobalt	59-2	0.45	0.43	0.43	0.44	3.38	ppb
Copper	63-2	0.89	0.96	0.85	0.90	5.83	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				101		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	36.71	36.00	36.56	36.42	1.03	ppb
Iron	57-2	38.08	36.91	40.17	38.39	4.30	ppb
Iron	54-2	38.58	39.23	37.97	38.59	1.63	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.43	0.43	0.44	0.44	1.65	ppb
Lead	207-1	0.48	0.44	0.47	0.46	4.18	ppb
Lead	208-1	0.45	0.43	0.44	0.44	2.35	ppb
Lithium	6-1				94		%
Magnesium	24-2	211.97	210.90	209.77	210.88	0.52	ppb
Manganese	55-2	0.94	0.82	0.89	0.88	6.73	ppb
Molybdenum	94-1	1.05	1.10	1.19	1.11	6.43	ppb
Molybdenum	95-1	0.40	0.42	0.47	0.43	7.96	ppb
Molybdenum	96-1	0.49	0.49	0.49	0.49	0.42	ppb
Molybdenum	97-1	0.42	0.41	0.46	0.43	6.14	ppb
Molybdenum	98-1	0.43	0.46	0.45	0.45	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.44	0.41	0.43	3.33	ppb
Phosphorus	31-2	-6.23	-0.21	-6.27	-4.23		ppb
Potassium	39-2	137.29	140.49	139.17	138.98	1.16	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	82-1	2.57	2.80	2.80	2.72	4.84	ppb
Selenium	77-2	0.63	2.51	3.13	2.09	62.36	ppb
Selenium	78-2	3.23	2.87	2.29	2.80	16.97	ppb
Silicon	28-1	-0.86	-1.00	-0.50	-0.79		ppb
Silver	107-1	0.46	0.47	0.51	0.48	5.37	ppb
Silver	109-1	0.48	0.48	0.49	0.48	1.94	ppb
Sodium	23-2	228.78	229.79	227.48	228.69	0.51	ppb
Strontium	86-1	0.43	0.38	0.45	0.42	8.47	ppb
Strontium	88-1	0.44	0.42	0.43	0.43	2.01	ppb
Sulfur	34-1	-1012.14	-1107.08	-783.40	-967.54		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.42	0.39	0.45	0.42	6.91	ppb
Thallium	205-1	0.42	0.43	0.42	0.42	0.54	ppb
Tin	118-1	0.45	0.49	0.51	0.48	5.47	ppb
Titanium	47-1	0.43	0.39	0.46	0.43	8.16	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.37	0.38	0.38	1.39	ppb
Vanadium	51-2	0.42	0.43	0.42	0.42	1.34	ppb
Yttrium	89-1				96		%
Yttrium	89-2				101		%
Zinc	66-2	0.92	0.79	0.92	0.87	8.10	ppb
Zirconium	90-1	0.41	0.41	0.41	0.41	0.60	ppb
Zirconium	91-1	0.39	0.42	0.44	0.42	6.53	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.18	16.29	15.85	15.77	3.55	ppb
Antimony	121-1	0.77	0.80	0.76	0.78	2.58	ppb
Arsenic	75-2	0.83	0.67	0.71	0.73	11.83	ppb
Barium	135-1	3.63	3.59	3.68	3.63	1.29	ppb
Barium	137-1	3.61	3.60	3.62	3.61	0.22	ppb
Beryllium	9-1	0.81	0.77	0.79	0.79	2.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.58	0.83	0.66	23.72	ppb
Cadmium	106-1	1.08	-0.04	-0.09	0.32	208.19	ppb
Cadmium	111-1	0.75	0.81	0.79	0.78	4.09	ppb
Calcium	43-1	68.38	74.25	68.07	70.23	4.96	ppb
Calcium	44-1	75.06	73.60	77.53	75.40	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.77	0.83	0.78	6.29	ppb
Cobalt	59-2	0.78	0.81	0.81	0.80	2.14	ppb
Copper	63-2	1.45	1.53	1.54	1.51	3.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	42.72	42.71	42.36	42.60	0.48	ppb
Iron	57-2	40.02	39.96	41.38	40.45	1.98	ppb
Iron	54-2	42.19	44.81	43.75	43.58	3.02	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.69	0.70	0.70	0.69	0.91	ppb
Lead	207-1	0.70	0.69	0.69	0.70	0.89	ppb
Lead	208-1	0.70	0.70	0.70	0.70	0.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	78.06	77.62	78.28	77.99	0.43	ppb
Manganese	55-2	1.50	1.47	1.57	1.51	3.36	ppb
Molybdenum	94-1	1.76	1.82	1.85	1.81	2.47	ppb
Molybdenum	95-1	0.69	0.72	0.69	0.70	1.89	ppb
Molybdenum	96-1	0.86	0.84	0.81	0.84	3.49	ppb
Molybdenum	97-1	0.71	0.72	0.70	0.71	1.46	ppb
Molybdenum	98-1	0.71	0.73	0.71	0.72	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.81	0.75	0.79	4.44	ppb
Phosphorus	31-2	1.18	7.75	4.08	4.33	75.96	ppb
Potassium	39-2	43.13	47.11	43.11	44.45	5.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.18	0.71	0.41	0.43	61.73	ppb
Selenium	77-2	0.63	0.31	0.63	0.52	34.90	ppb
Selenium	78-2	1.96	0.82	0.18	0.99	91.54	ppb
Silicon	28-1	-1.14	-1.28	-1.30	-1.24		ppb
Silver	107-1	0.83	0.81	0.81	0.82	0.91	ppb
Silver	109-1	0.80	0.82	0.80	0.80	1.29	ppb
Sodium	23-2	97.06	97.21	97.77	97.35	0.39	ppb
Strontium	86-1	0.73	0.67	0.76	0.72	6.29	ppb
Strontium	88-1	0.70	0.70	0.72	0.71	2.21	ppb
Sulfur	34-1	-1143.22	-1198.31	-1201.80	-1181.11		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.67	0.69	0.68	0.68	1.65	ppb
Thallium	205-1	0.69	0.67	0.69	0.68	1.33	ppb
Tin	118-1	0.76	0.79	0.79	0.78	1.77	ppb
Titanium	47-1	0.78	0.77	0.72	0.76	3.85	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.64	0.64	0.64	1.74	ppb
Vanadium	51-2	0.74	0.73	0.74	0.74	1.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1.62	1.53	1.39	1.51	7.55	ppb
Zirconium	90-1	0.70	0.66	0.69	0.68	2.76	ppb
Zirconium	91-1	0.67	0.66	0.73	0.69	5.99	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.43	9.56	9.21	9.40	1.86	ppb
Antimony	121-1	0.44	0.43	0.45	0.44	2.35	ppb
Arsenic	75-2	0.39	0.50	0.47	0.45	12.28	ppb
Barium	135-1	2.20	2.13	2.02	2.12	4.09	ppb
Barium	137-1	2.11	2.06	2.06	2.08	1.14	ppb
Beryllium	9-1	0.47	0.47	0.44	0.46	2.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.45	0.41	0.42	0.43	4.39	ppb
Cadmium	106-1	0.92	0.55	0.61	0.70	28.79	ppb
Cadmium	111-1	0.50	0.46	0.50	0.49	4.27	ppb
Calcium	43-1	213.16	206.60	211.66	210.47	1.63	ppb
Calcium	44-1	213.36	208.36	213.08	211.60	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.46	0.43	0.44	3.79	ppb
Cobalt	59-2	0.44	0.43	0.47	0.45	3.66	ppb
Copper	63-2	0.84	0.77	0.81	0.80	4.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	36.04	35.99	36.19	36.07	0.28	ppb
Iron	57-2	39.27	40.68	37.43	39.12	4.17	ppb
Iron	54-2	36.27	38.24	35.75	36.75	3.57	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.41	0.41	0.41	0.41	0.56	ppb
Lead	207-1	0.42	0.42	0.38	0.41	5.28	ppb
Lead	208-1	0.41	0.40	0.41	0.41	1.72	ppb
Lithium	6-1				97		%
Magnesium	24-2	207.21	209.47	211.27	209.32	0.97	ppb
Manganese	55-2	0.90	0.83	0.87	0.87	3.92	ppb
Molybdenum	94-1	1.00	1.09	1.07	1.05	4.51	ppb
Molybdenum	95-1	0.40	0.40	0.42	0.41	2.33	ppb
Molybdenum	96-1	0.49	0.45	0.48	0.47	3.95	ppb
Molybdenum	97-1	0.34	0.39	0.38	0.37	6.53	ppb
Molybdenum	98-1	0.42	0.40	0.42	0.41	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.41	0.44	0.42	3.65	ppb
Phosphorus	31-2	-6.91	-15.69	-7.39	-9.99		ppb
Potassium	39-2	138.32	139.76	140.53	139.54	0.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	2.85	2.51	2.32	2.56	10.56	ppb
Selenium	77-2	2.51	2.20	3.45	2.72	23.87	ppb
Selenium	78-2	3.98	3.70	2.57	3.42	21.80	ppb
Silicon	28-1	-1.35	-1.45	-1.30	-1.36		ppb
Silver	107-1	0.46	0.48	0.47	0.47	2.63	ppb
Silver	109-1	0.45	0.45	0.47	0.46	2.14	ppb
Sodium	23-2	223.48	224.26	223.55	223.76	0.19	ppb
Strontium	86-1	0.45	0.38	0.35	0.40	13.20	ppb
Strontium	88-1	0.39	0.40	0.41	0.40	2.85	ppb
Sulfur	34-1	-1058.95	-1160.35	-1093.93	-1104.41		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.41	0.40	0.39	0.40	3.02	ppb
Thallium	205-1	0.40	0.38	0.40	0.39	2.86	ppb
Tin	118-1	0.42	0.47	0.44	0.45	5.73	ppb
Titanium	47-1	0.41	0.38	0.45	0.41	9.37	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.35	0.37	0.37	3.04	ppb
Vanadium	51-2	0.44	0.42	0.44	0.43	3.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.94	0.72	0.85	0.84	13.26	ppb
Zirconium	90-1	0.41	0.38	0.38	0.39	3.91	ppb
Zirconium	91-1	0.38	0.37	0.36	0.37	2.31	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:39:15	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.76	16.04	14.65	15.48	4.76	ppb
Antimony	121-1	0.72	0.79	0.80	0.77	5.42	ppb
Arsenic	75-2	0.99	0.73	0.76	0.83	17.50	ppb
Barium	135-1	3.69	3.67	3.65	3.67	0.58	ppb
Barium	137-1	3.59	4.13	3.62	3.78	7.99	ppb
Beryllium	9-1	0.83	0.79	0.75	0.79	5.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	0.86	0.99	0.88	11.15	ppb
Cadmium	106-1	0.01	-0.61	1.58	0.33	342.19	ppb
Cadmium	111-1	0.76	0.77	0.80	0.78	2.90	ppb
Calcium	43-1	79.75	69.53	71.87	73.72	7.26	ppb
Calcium	44-1	76.27	79.58	73.83	76.56	3.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.76	0.82	0.80	0.79	4.24	ppb
Cobalt	59-2	0.75	0.75	0.82	0.78	4.95	ppb
Copper	63-2	1.41	1.49	1.48	1.46	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	41.62	42.48	42.42	42.17	1.13	ppb
Iron	57-2	41.22	40.90	41.38	41.17	0.60	ppb
Iron	54-2	42.70	44.35	45.30	44.12	2.99	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:39:15	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.71	0.75	0.71	0.72	3.61	ppb
Lead	207-1	0.69	0.78	0.69	0.72	7.45	ppb
Lead	208-1	0.70	0.77	0.71	0.73	5.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	76.53	77.70	75.79	76.67	1.26	ppb
Manganese	55-2	1.53	1.55	1.66	1.58	4.65	ppb
Molybdenum	94-1	1.76	1.94	1.83	1.84	4.97	ppb
Molybdenum	95-1	0.70	0.71	0.71	0.71	0.89	ppb
Molybdenum	96-1	0.83	0.84	0.84	0.84	0.47	ppb
Molybdenum	97-1	0.72	0.73	0.76	0.74	2.88	ppb
Molybdenum	98-1	0.71	0.73	0.71	0.71	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.88	0.76	0.79	9.66	ppb
Phosphorus	31-2	2.82	10.66	-2.25	3.74	173.85	ppb
Potassium	39-2	38.10	41.33	43.19	40.87	6.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.11	0.97	0.19	0.42	113.19	ppb
Selenium	77-2	0.62	0.92	0.00	0.51	91.58	ppb
Selenium	78-2	0.47	0.10	-0.07	0.17	168.15	ppb
Silicon	28-1	-1.13	-1.24	-1.30	-1.22		ppb
Silver	107-1	0.79	0.80	0.88	0.82	5.89	ppb
Silver	109-1	0.80	0.82	0.85	0.82	2.72	ppb
Sodium	23-2	91.47	91.13	91.04	91.21	0.25	ppb
Strontium	86-1	0.77	0.72	0.80	0.76	4.97	ppb
Strontium	88-1	0.70	0.77	0.72	0.73	5.06	ppb
Sulfur	34-1	-855.90	-976.75	-1034.92	-955.86		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.71	0.76	0.72	0.73	3.44	ppb
Thallium	205-1	0.68	0.74	0.69	0.71	4.62	ppb
Tin	118-1	0.74	0.72	0.76	0.74	2.68	ppb
Titanium	47-1	0.70	0.77	0.84	0.77	9.05	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:39:15	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.64	0.65	0.64	1.40	ppb
Vanadium	51-2	0.75	0.78	0.73	0.76	3.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	1.73	1.46	1.66	1.62	8.65	ppb
Zirconium	90-1	0.67	0.69	0.68	0.68	1.94	ppb
Zirconium	91-1	0.67	0.65	0.68	0.67	2.47	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:45:51	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.11	10.08	9.05	9.41	6.15	ppb
Antimony	121-1	0.44	0.45	0.44	0.44	0.18	ppb
Arsenic	75-2	0.43	0.41	0.56	0.47	16.99	ppb
Barium	135-1	1.98	2.02	2.12	2.04	3.69	ppb
Barium	137-1	2.12	2.06	2.04	2.07	2.06	ppb
Beryllium	9-1	0.44	0.44	0.54	0.48	12.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.52	0.35	0.63	0.50	27.96	ppb
Cadmium	106-1	0.30	0.64	-0.03	0.30	109.48	ppb
Cadmium	111-1	0.41	0.51	0.49	0.47	11.00	ppb
Calcium	43-1	196.39	214.78	209.96	207.05	4.61	ppb
Calcium	44-1	209.24	213.91	213.80	212.32	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.49	0.47	0.46	8.42	ppb
Cobalt	59-2	0.44	0.46	0.44	0.44	2.30	ppb
Copper	63-2	0.76	0.79	0.83	0.79	4.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	35.39	36.25	36.47	36.03	1.59	ppb
Iron	57-2	40.21	40.23	38.81	39.75	2.05	ppb
Iron	54-2	35.25	38.43	38.53	37.40	5.00	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:45:51	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.40	0.41	0.40	4.45	ppb
Lead	207-1	0.40	0.39	0.39	0.39	1.99	ppb
Lead	208-1	0.39	0.40	0.41	0.40	3.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	206.46	209.75	213.20	209.81	1.61	ppb
Manganese	55-2	0.87	0.86	0.89	0.87	1.59	ppb
Molybdenum	94-1	0.98	1.03	1.06	1.02	4.10	ppb
Molybdenum	95-1	0.39	0.41	0.39	0.40	3.40	ppb
Molybdenum	96-1	0.47	0.45	0.46	0.46	2.49	ppb
Molybdenum	97-1	0.43	0.39	0.40	0.41	5.23	ppb
Molybdenum	98-1	0.38	0.43	0.41	0.41	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.45	0.49	0.46	6.51	ppb
Phosphorus	31-2	-5.49	0.64	-3.06	-2.64		ppb
Potassium	39-2	137.35	143.91	147.24	142.83	3.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	2.68	2.47	2.92	2.69	8.38	ppb
Selenium	77-2	3.91	2.85	2.18	2.98	29.30	ppb
Selenium	78-2	2.95	1.79	3.63	2.79	33.46	ppb
Silicon	28-1	-1.26	-1.01	-1.11	-1.13		ppb
Silver	107-1	0.46	0.47	0.50	0.48	3.56	ppb
Silver	109-1	0.46	0.43	0.46	0.45	3.22	ppb
Sodium	23-2	219.33	224.79	222.34	222.16	1.23	ppb
Strontium	86-1	0.47	0.44	0.46	0.46	3.96	ppb
Strontium	88-1	0.40	0.41	0.41	0.41	1.77	ppb
Sulfur	34-1	-933.75	-876.85	-797.62	-869.41		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.39	0.40	0.37	0.39	3.70	ppb
Thallium	205-1	0.38	0.41	0.40	0.39	4.37	ppb
Tin	118-1	0.43	0.42	0.45	0.43	2.94	ppb
Titanium	47-1	0.40	0.38	0.48	0.42	11.95	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:45:51	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.37	0.37	0.36	2.09	ppb
Vanadium	51-2	0.44	0.45	0.36	0.42	11.18	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.89	0.91	0.80	0.87	6.31	ppb
Zirconium	90-1	0.39	0.40	0.40	0.40	2.14	ppb
Zirconium	91-1	0.38	0.38	0.44	0.40	9.57	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:49:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.26	9.70	8.84	9.60	7.42	ppb
Antimony	121-1	0.46	0.44	0.45	0.45	1.29	ppb
Arsenic	75-2	0.33	0.51	0.66	0.50	33.02	ppb
Barium	135-1	2.03	2.21	1.96	2.06	6.20	ppb
Barium	137-1	1.99	2.05	1.96	2.00	2.27	ppb
Beryllium	9-1	0.47	0.47	0.51	0.48	4.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.44	0.49	0.47	5.83	ppb
Cadmium	106-1	0.50	-0.78	0.08	-0.07		ppb
Cadmium	111-1	0.43	0.49	0.40	0.44	11.41	ppb
Calcium	43-1	212.60	204.11	196.09	204.27	4.04	ppb
Calcium	44-1	212.64	212.04	202.95	209.21	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.46	0.44	0.47	9.84	ppb
Cobalt	59-2	0.45	0.45	0.47	0.46	2.39	ppb
Copper	63-2	0.87	0.85	0.79	0.84	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	36.72	36.90	35.97	36.53	1.35	ppb
Iron	57-2	35.95	42.18	41.80	39.98	8.73	ppb
Iron	54-2	36.06	38.64	37.43	37.38	3.45	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:49:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.41	0.40	0.38	0.40	4.10	ppb
Lead	207-1	0.37	0.40	0.41	0.39	5.74	ppb
Lead	208-1	0.38	0.40	0.38	0.39	3.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	210.64	209.85	210.04	210.18	0.20	ppb
Manganese	55-2	0.94	0.88	0.96	0.92	4.19	ppb
Molybdenum	94-1	1.02	1.00	1.04	1.02	1.96	ppb
Molybdenum	95-1	0.42	0.42	0.37	0.40	7.12	ppb
Molybdenum	96-1	0.49	0.43	0.45	0.46	6.35	ppb
Molybdenum	97-1	0.42	0.41	0.38	0.40	5.79	ppb
Molybdenum	98-1	0.41	0.42	0.37	0.40	5.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.42	0.46	0.45	5.29	ppb
Phosphorus	31-2	-10.58	-14.47	-8.05	-11.04		ppb
Potassium	39-2	141.59	139.45	143.83	141.62	1.55	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	2.83	2.62	2.86	2.77	4.65	ppb
Selenium	77-2	2.80	4.07	2.49	3.12	26.86	ppb
Selenium	78-2	1.88	3.68	2.99	2.85	31.76	ppb
Silicon	28-1	-0.88	-1.21	-1.57	-1.22		ppb
Silver	107-1	0.48	0.47	0.44	0.46	4.45	ppb
Silver	109-1	0.47	0.48	0.45	0.47	3.23	ppb
Sodium	23-2	223.61	220.66	220.00	221.42	0.87	ppb
Strontium	86-1	0.42	0.40	0.38	0.40	5.28	ppb
Strontium	88-1	0.41	0.41	0.38	0.40	4.61	ppb
Sulfur	34-1	-573.96	-838.01	-1151.83	-854.60		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.40	0.42	0.39	0.40	3.90	ppb
Thallium	205-1	0.39	0.37	0.36	0.37	4.46	ppb
Tin	118-1	0.44	0.44	0.40	0.43	5.46	ppb
Titanium	47-1	0.41	0.44	0.36	0.40	10.59	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:49:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.37	0.34	0.36	3.83	ppb
Vanadium	51-2	0.40	0.39	0.43	0.41	4.75	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1.00	1.02	0.91	0.98	6.01	ppb
Zirconium	90-1	0.39	0.37	0.38	0.38	3.24	ppb
Zirconium	91-1	0.39	0.37	0.41	0.39	4.92	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:52:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.51	9.49	8.66	8.89	5.93	ppb
Antimony	121-1	0.49	0.44	0.44	0.46	6.49	ppb
Arsenic	75-2	0.54	0.35	0.46	0.45	20.45	ppb
Barium	135-1	2.31	2.04	2.12	2.16	6.44	ppb
Barium	137-1	2.18	2.05	2.09	2.11	3.24	ppb
Beryllium	9-1	0.48	0.44	0.45	0.46	3.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.62	0.55	0.40	0.52	21.03	ppb
Cadmium	106-1	1.04	-0.38	0.52	0.39	183.70	ppb
Cadmium	111-1	0.48	0.43	0.47	0.46	5.92	ppb
Calcium	43-1	223.99	204.77	213.74	214.17	4.49	ppb
Calcium	44-1	230.46	212.41	213.87	218.91	4.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.45	0.53	0.47	10.00	ppb
Cobalt	59-2	0.49	0.45	0.43	0.45	6.78	ppb
Copper	63-2	0.80	0.81	0.81	0.80	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	36.42	36.43	36.15	36.33	0.43	ppb
Iron	57-2	38.57	36.85	37.73	37.72	2.28	ppb
Iron	54-2	37.74	36.18	37.24	37.05	2.15	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:52:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.45	0.40	0.39	0.41	8.79	ppb
Lead	207-1	0.44	0.42	0.41	0.42	2.99	ppb
Lead	208-1	0.44	0.40	0.40	0.42	6.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	208.30	209.79	212.68	210.26	1.06	ppb
Manganese	55-2	0.91	0.94	0.93	0.93	1.66	ppb
Molybdenum	94-1	1.07	0.95	1.06	1.02	6.27	ppb
Molybdenum	95-1	0.45	0.40	0.41	0.42	5.73	ppb
Molybdenum	96-1	0.48	0.46	0.45	0.46	3.98	ppb
Molybdenum	97-1	0.46	0.41	0.37	0.42	10.90	ppb
Molybdenum	98-1	0.40	0.40	0.40	0.40	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.35	0.43	0.41	14.74	ppb
Phosphorus	31-2	-4.31	-5.85	-3.98	-4.71		ppb
Potassium	39-2	142.09	143.74	137.14	140.99	2.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	2.54	2.75	2.58	2.62	4.25	ppb
Selenium	77-2	3.41	3.46	4.43	3.77	15.24	ppb
Selenium	78-2	1.78	2.32	2.17	2.09	13.36	ppb
Silicon	28-1	-0.18	-1.06	-0.97	-0.74		ppb
Silver	107-1	0.50	0.45	0.50	0.48	5.59	ppb
Silver	109-1	0.47	0.47	0.48	0.47	1.30	ppb
Sodium	23-2	221.80	218.32	220.10	220.07	0.79	ppb
Strontium	86-1	0.45	0.42	0.39	0.42	7.27	ppb
Strontium	88-1	0.42	0.39	0.40	0.41	3.31	ppb
Sulfur	34-1	-22.88	-742.76	-603.33	-456.33		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.42	0.38	0.37	0.39	6.80	ppb
Thallium	205-1	0.42	0.38	0.39	0.40	6.18	ppb
Tin	118-1	0.50	0.43	0.49	0.48	7.61	ppb
Titanium	47-1	0.47	0.40	0.36	0.41	14.16	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:52:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.36	0.35	0.37	5.28	ppb
Vanadium	51-2	0.45	0.38	0.42	0.42	7.65	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1.21	0.90	0.85	0.99	19.89	ppb
Zirconium	90-1	0.40	0.39	0.40	0.39	2.06	ppb
Zirconium	91-1	0.44	0.39	0.36	0.40	9.38	ppb

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : PB157759BL Instrumnet Name : P7
 Client Sample ID : PB157759BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:55:41 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	-0.42	-0.23	-0.33		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	77.71	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	44.00	ppb
Barium	135-1	0.00	0.00	0.00	0.00	80.22	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	27.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.04	-0.02	-0.04		ppb
Cadmium	106-1	0.32	1.03	0.27	0.54	78.40	ppb
Cadmium	111-1	0.02	0.03	0.01	0.02	62.17	ppb
Calcium	43-1	-4.33	-9.97	-7.33	-7.21		ppb
Calcium	44-1	-3.68	-3.65	-3.40	-3.58		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	98.50	ppb
Copper	63-2	-0.03	-0.18	-0.05	-0.09		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				100		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	0.31	0.24	0.20	0.25	21.33	ppb
Iron	57-2	2.97	3.89	1.52	2.79	42.85	ppb
Iron	54-2	1.36	1.11	1.14	1.20	11.32	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P7
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:55:41	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.01	0.01	48.41	ppb
Lead	207-1	0.02	0.02	0.02	0.02	18.25	ppb
Lead	208-1	0.02	0.02	0.02	0.02	20.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.05	0.22	-0.12	0.02	1012.20	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	198.31	ppb
Molybdenum	94-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	64.90	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	117.32	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	15.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-14.19	-14.87	-15.34	-14.80		ppb
Potassium	39-2	2.41	5.86	5.37	4.55	41.03	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.73	0.07	-0.46	-0.37		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.50	1.09	0.18	468.03	ppb
Silicon	28-1	-1.06	-1.18	-0.99	-1.08		ppb
Silver	107-1	0.00	0.01	0.01	0.01	43.11	ppb
Silver	109-1	0.00	0.01	0.01	0.01	44.27	ppb
Sodium	23-2	9.45	9.18	9.00	9.21	2.48	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-561.31	-685.60	-564.67	-603.86		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	11.60	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.10	ppb
Tin	118-1	0.01	0.01	0.02	0.01	58.78	ppb
Titanium	47-1	0.02	-0.02	-0.04	-0.01		ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P7
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:55:41	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	540.14	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	64542.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.04	-0.01	0.17	0.04	275.77	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	66.80	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:58:57	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52700.50	53256.25	52719.74	52892.16	0.60	ppb
Antimony	121-1	498.32	491.27	496.05	495.21	0.73	ppb
Arsenic	75-2	510.15	526.08	503.38	513.20	2.27	ppb
Barium	135-1	2579.67	2520.25	2499.43	2533.12	1.64	ppb
Barium	137-1	2591.26	2502.14	2500.89	2531.43	2.05	ppb
Beryllium	9-1	526.06	522.84	514.18	521.03	1.18	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	511.98	506.05	500.97	506.34	1.09	ppb
Cadmium	106-1	516.26	514.49	507.47	512.74	0.91	ppb
Cadmium	111-1	513.09	504.89	503.62	507.20	1.01	ppb
Calcium	43-1	255815.22	256720.68	259645.69	257393.86	0.78	ppb
Calcium	44-1	255196.82	256728.65	256479.61	256135.03	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.87	521.82	524.43	516.04	2.39	ppb
Cobalt	59-2	513.69	522.62	526.60	520.97	1.27	ppb
Copper	63-2	4994.30	5140.27	4996.79	5043.79	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	129979.69	131452.05	132100.49	131177.41	0.83	ppb
Iron	57-2	129046.20	131740.37	132379.11	131055.23	1.35	ppb
Iron	54-2	130623.49	132140.51	134314.99	132359.66	1.40	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:58:57	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2527.47	2493.74	2529.31	2516.84	0.80	ppb
Lead	207-1	2525.56	2483.68	2511.69	2506.98	0.85	ppb
Lead	208-1	2521.72	2498.08	2508.72	2509.51	0.47	ppb
Lithium	6-1				89		%
Magnesium	24-2	258296.95	263790.01	256859.74	259648.90	1.41	ppb
Manganese	55-2	5007.71	4996.84	5089.20	5031.25	1.00	ppb
Molybdenum	94-1	5005.25	4991.89	4969.13	4988.76	0.37	ppb
Molybdenum	95-1	5030.74	5012.35	4955.15	4999.41	0.79	ppb
Molybdenum	96-1	5059.07	5051.55	4999.49	5036.70	0.64	ppb
Molybdenum	97-1	5009.15	5032.38	5024.13	5021.89	0.23	ppb
Molybdenum	98-1	5032.70	5024.28	5015.12	5024.03	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.31	513.82	510.81	510.98	0.54	ppb
Phosphorus	31-2	9921.80	10254.05	10060.61	10078.82	1.66	ppb
Potassium	39-2	125785.74	128144.29	126245.38	126725.14	0.99	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	494.47	494.02	498.28	495.59	0.47	ppb
Selenium	77-2	508.14	529.87	508.05	515.35	2.44	ppb
Selenium	78-2	501.00	510.37	491.08	500.82	1.93	ppb
Silicon	28-1	513.20	506.83	505.64	508.55	0.80	ppb
Silver	107-1	514.18	506.83	502.76	507.92	1.14	ppb
Silver	109-1	515.10	504.51	495.55	505.05	1.94	ppb
Sodium	23-2	257088.16	262734.32	256342.88	258721.79	1.35	ppb
Strontium	86-1	12540.67	12634.70	12449.10	12541.49	0.74	ppb
Strontium	88-1	12473.52	12443.80	12393.37	12436.90	0.33	ppb
Sulfur	34-1	9966.70	9251.72	9081.30	9433.24	4.98	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	520.85	509.87	513.60	514.77	1.08	ppb
Thallium	205-1	510.04	508.08	504.13	507.42	0.59	ppb
Tin	118-1	510.55	499.89	499.91	503.45	1.22	ppb
Titanium	47-1	5001.63	4981.35	4929.72	4970.90	0.75	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:58:57	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.66	517.56	520.76	519.66	0.35	ppb
Vanadium	51-2	514.73	519.91	519.93	518.19	0.58	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	5014.23	5182.69	5005.08	5067.33	1.97	ppb
Zirconium	90-1	503.57	505.17	504.94	504.56	0.17	ppb
Zirconium	91-1	504.59	507.80	510.62	507.67	0.60	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:08:18	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.04	-0.08	0.01	1436.58	ppb
Antimony	121-1	0.09	0.10	0.12	0.10	13.83	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	87.01	ppb
Barium	135-1	0.03	0.03	0.02	0.03	20.26	ppb
Barium	137-1	0.04	0.03	0.02	0.03	28.94	ppb
Beryllium	9-1	0.06	0.06	0.05	0.05	5.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.14	0.01	0.05	147.12	ppb
Cadmium	106-1	-2.59	-2.51	-3.54	-2.88		ppb
Cadmium	111-1	-0.07	-0.08	-0.11	-0.09		ppb
Calcium	43-1	-6.81	-5.23	-5.10	-5.71		ppb
Calcium	44-1	0.51	0.57	-0.78	0.10	748.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	-0.01	0.02	106.02	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	59.63	ppb
Copper	63-2	-0.05	-0.30	-0.18	-0.18		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	2.30	1.61	1.02	1.64	38.81	ppb
Iron	57-2	4.81	1.35	2.78	2.98	58.36	ppb
Iron	54-2	4.15	2.44	2.23	2.94	35.86	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:08:18	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.08	0.07	0.08	15.46	ppb
Lead	207-1	0.07	0.08	0.08	0.08	5.13	ppb
Lead	208-1	0.08	0.08	0.07	0.07	7.35	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.84	2.55	1.45	2.28	32.01	ppb
Manganese	55-2	0.05	0.07	0.04	0.05	36.30	ppb
Molybdenum	94-1	0.13	0.11	0.10	0.11	12.21	ppb
Molybdenum	95-1	0.10	0.10	0.07	0.09	22.09	ppb
Molybdenum	96-1	0.09	0.08	0.07	0.08	10.19	ppb
Molybdenum	97-1	0.10	0.11	0.07	0.09	23.68	ppb
Molybdenum	98-1	0.10	0.11	0.07	0.09	21.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	32.48	ppb
Phosphorus	31-2	-8.48	-10.28	-8.35	-9.04		ppb
Potassium	39-2	41.39	6.47	8.72	18.86	103.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	82-1	-0.52	-0.22	0.55	-0.07		ppb
Selenium	77-2	0.00	0.00	0.35	0.12	173.21	ppb
Selenium	78-2	1.09	0.42	0.29	0.60	71.74	ppb
Silicon	28-1	-1.25	-1.36	-1.36	-1.32		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.34	ppb
Silver	109-1	0.01	0.02	0.01	0.01	17.88	ppb
Sodium	23-2	36.80	25.84	25.48	29.37	21.89	ppb
Strontium	86-1	0.18	0.16	0.12	0.15	18.88	ppb
Strontium	88-1	0.16	0.18	0.11	0.15	22.33	ppb
Sulfur	34-1	-1598.64	-1642.05	-1604.93	-1615.21		ppb
Terbium	159-1				99		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.11	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.01	ppb
Tin	118-1	0.02	0.03	0.03	0.03	18.46	ppb
Titanium	47-1	0.07	0.09	0.04	0.07	33.28	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:08:18	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.00	0.01	44.27	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	86.40	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	0.20	0.02	0.07	0.10	94.28	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	14.48	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	4.31	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P7
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:11:33	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	-0.19	-0.17	-0.13		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	16.82	ppb
Arsenic	75-2	0.02	0.03	0.04	0.03	33.76	ppb
Barium	135-1	0.00	0.00	0.01	0.00	354.93	ppb
Barium	137-1	0.00	0.00	0.00	0.00	115.65	ppb
Beryllium	9-1	0.02	0.05	0.04	0.04	44.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.04	0.03	-0.02		ppb
Cadmium	106-1	-1.19	0.40	-1.14	-0.64		ppb
Cadmium	111-1	-0.03	0.01	-0.04	-0.02		ppb
Calcium	43-1	-9.66	-6.78	-9.03	-8.49		ppb
Calcium	44-1	-3.05	-3.10	-2.35	-2.83		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.04	0.04	28.81	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	249.16	ppb
Copper	63-2	-0.31	-0.25	-0.24	-0.27		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	0.42	0.52	0.53	0.49	13.01	ppb
Iron	57-2	-0.13	-0.99	0.59	-0.18		ppb
Iron	54-2	0.99	0.10	0.48	0.53	84.66	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P7
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:11:33	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.04	0.05	8.22	ppb
Lead	207-1	0.05	0.04	0.05	0.05	11.91	ppb
Lead	208-1	0.05	0.04	0.04	0.05	0.73	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.54	0.79	0.55	0.63	22.46	ppb
Manganese	55-2	0.04	0.03	0.01	0.03	49.47	ppb
Molybdenum	94-1	0.02	0.02	0.04	0.03	61.03	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	8.11	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	15.49	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	16.01	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	26.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-9.47	-11.94	-12.64	-11.35		ppb
Potassium	39-2	7.13	6.18	10.89	8.07	30.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.28	-0.44	-0.16	-0.29		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.73	0.40	0.58	0.57	28.98	ppb
Silicon	28-1	-1.42	-1.27	-1.24	-1.31		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.84	ppb
Silver	109-1	0.00	0.01	0.01	0.01	28.93	ppb
Sodium	23-2	21.61	23.35	21.92	22.29	4.17	ppb
Strontium	86-1	0.05	0.03	0.04	0.04	31.18	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	13.46	ppb
Sulfur	34-1	-1424.09	-1470.54	-1466.24	-1453.62		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	18.90	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.97	ppb
Tin	118-1	0.00	0.02	0.01	0.01	59.12	ppb
Titanium	47-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P7
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:11:33	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	21.76	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.04	-0.05	0.02	0.00	1936.40	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	66.43	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	95.41	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P7
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:18:25	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.26	42.01	44.26	43.18	2.61	ppb
Antimony	121-1	4.11	3.74	3.82	3.89	5.00	ppb
Arsenic	75-2	1.89	1.92	2.09	1.97	5.35	ppb
Barium	135-1	19.74	18.41	18.74	18.96	3.65	ppb
Barium	137-1	19.75	18.59	18.06	18.80	4.58	ppb
Beryllium	9-1	2.07	2.04	2.02	2.05	1.16	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.82	1.68	1.80	1.76	4.17	ppb
Cadmium	106-1	1.57	-0.06	-0.27	0.41	244.54	ppb
Cadmium	111-1	2.11	1.86	1.90	1.96	6.88	ppb
Calcium	43-1	994.67	935.16	950.09	959.97	3.23	ppb
Calcium	44-1	1011.51	952.52	954.61	972.88	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.03	4.00	4.04	4.02	0.46	ppb
Cobalt	59-2	2.05	2.05	1.99	2.03	1.73	ppb
Copper	63-2	3.87	3.82	4.02	3.90	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	430.65	430.35	439.39	433.46	1.18	ppb
Iron	57-2	433.83	425.97	448.34	436.05	2.60	ppb
Iron	54-2	434.44	432.70	448.86	438.67	2.02	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P7
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:18:25	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.85	1.74	1.72	1.77	3.77	ppb
Lead	207-1	1.86	1.73	1.68	1.76	5.15	ppb
Lead	208-1	1.85	1.73	1.71	1.77	4.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	1001.45	1003.73	1026.01	1010.40	1.34	ppb
Manganese	55-2	2.03	2.03	2.12	2.06	2.36	ppb
Molybdenum	94-1	11.54	10.59	10.74	10.95	4.66	ppb
Molybdenum	95-1	9.74	8.94	9.02	9.23	4.78	ppb
Molybdenum	96-1	9.75	9.09	9.19	9.34	3.77	ppb
Molybdenum	97-1	9.68	9.11	9.16	9.32	3.40	ppb
Molybdenum	98-1	9.73	8.91	9.14	9.26	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.92	2.10	1.95	6.52	ppb
Phosphorus	31-2	-18.26	-14.49	-17.47	-16.74		ppb
Potassium	39-2	1032.58	1030.31	1064.68	1042.52	1.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	10.43	9.58	9.44	9.81	5.45	ppb
Selenium	77-2	11.79	8.04	11.81	10.55	20.56	ppb
Selenium	78-2	8.23	11.00	8.19	9.14	17.66	ppb
Silicon	28-1	0.59	-0.01	0.07	0.22	149.51	ppb
Silver	107-1	2.17	2.02	1.99	2.06	4.56	ppb
Silver	109-1	2.13	2.03	2.01	2.06	3.21	ppb
Sodium	23-2	1013.03	1004.02	1043.09	1020.05	2.01	ppb
Strontium	86-1	2.04	1.84	1.81	1.90	6.47	ppb
Strontium	88-1	2.00	1.84	1.86	1.90	4.70	ppb
Sulfur	34-1	-637.72	-1039.64	-1046.62	-907.99		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	1.83	1.70	1.75	1.76	3.68	ppb
Thallium	205-1	1.85	1.68	1.71	1.75	5.34	ppb
Tin	118-1	0.03	0.02	0.02	0.03	20.53	ppb
Titanium	47-1	9.71	9.61	9.61	9.64	0.61	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P7
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:18:25	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.61	1.63	1.65	3.41	ppb
Vanadium	51-2	9.59	9.54	9.66	9.60	0.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	10.40	10.46	10.78	10.55	1.93	ppb
Zirconium	90-1	1.92	1.83	1.85	1.87	2.62	ppb
Zirconium	91-1	1.91	1.88	1.85	1.88	1.73	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P7
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:21:43	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.67	39.61	40.85	40.71	2.54	ppb
Antimony	121-1	3.79	3.76	3.84	3.80	1.12	ppb
Arsenic	75-2	1.84	2.02	1.86	1.91	5.29	ppb
Barium	135-1	18.00	18.44	18.25	18.23	1.23	ppb
Barium	137-1	18.20	18.43	18.27	18.30	0.65	ppb
Beryllium	9-1	1.94	1.95	1.91	1.93	1.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.02	1.80	2.34	2.05	13.26	ppb
Cadmium	106-1	2.29	1.65	1.79	1.91	17.61	ppb
Cadmium	111-1	2.01	1.88	1.99	1.96	3.59	ppb
Calcium	43-1	926.81	942.99	948.70	939.50	1.21	ppb
Calcium	44-1	957.47	953.04	955.10	955.21	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.87	3.92	3.88	0.93	ppb
Cobalt	59-2	2.02	1.93	2.04	1.99	2.99	ppb
Copper	63-2	3.95	3.96	3.90	3.94	0.84	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				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	427.77	425.14	427.28	426.73	0.33	ppb
Iron	57-2	437.86	426.47	429.65	431.33	1.36	ppb
Iron	54-2	438.65	434.91	433.80	435.79	0.58	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P7
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:21:43	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.75	1.82	1.72	1.76	2.91	ppb
Lead	207-1	1.67	1.73	1.73	1.71	1.85	ppb
Lead	208-1	1.74	1.75	1.74	1.75	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	1003.63	999.40	1004.95	1002.66	0.29	ppb
Manganese	55-2	2.02	2.03	2.01	2.02	0.42	ppb
Molybdenum	94-1	10.48	10.56	10.68	10.57	0.93	ppb
Molybdenum	95-1	8.89	8.96	8.88	8.91	0.46	ppb
Molybdenum	96-1	9.05	8.96	9.07	9.03	0.65	ppb
Molybdenum	97-1	8.97	8.97	8.90	8.95	0.40	ppb
Molybdenum	98-1	8.82	8.95	9.04	8.93	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.06	2.05	2.06	0.54	ppb
Phosphorus	31-2	-18.89	-9.90	-12.17	-13.65		ppb
Potassium	39-2	1035.17	1022.06	1031.75	1029.66	0.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	9.64	9.67	9.51	9.61	0.89	ppb
Selenium	77-2	7.37	12.58	11.00	10.32	25.86	ppb
Selenium	78-2	9.72	9.13	9.95	9.60	4.37	ppb
Silicon	28-1	0.10	0.01	0.02	0.04	125.40	ppb
Silver	107-1	1.96	2.09	2.04	2.03	3.17	ppb
Silver	109-1	1.96	1.98	1.98	1.97	0.39	ppb
Sodium	23-2	999.45	994.13	997.55	997.04	0.27	ppb
Strontium	86-1	1.80	1.73	1.84	1.79	3.16	ppb
Strontium	88-1	1.80	1.81	1.83	1.81	0.76	ppb
Sulfur	34-1	-930.85	-991.50	-942.33	-954.89		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.72	1.72	1.74	1.72	0.63	ppb
Thallium	205-1	1.68	1.70	1.71	1.70	0.95	ppb
Tin	118-1	0.04	0.19	0.04	0.09	100.44	ppb
Titanium	47-1	9.58	9.45	9.69	9.57	1.28	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P7
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:21:43	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.60	1.61	1.62	1.61	0.60	ppb
Vanadium	51-2	9.35	9.52	9.33	9.40	1.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	10.09	9.75	10.59	10.15	4.16	ppb
Zirconium	90-1	1.83	1.84	1.85	1.84	0.42	ppb
Zirconium	91-1	1.73	1.77	1.80	1.77	1.98	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P7
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:24:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.40	-0.26	-0.30		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	30.70	ppb
Arsenic	75-2	0.02	0.03	0.00	0.02	92.00	ppb
Barium	135-1	0.01	0.01	0.00	0.01	80.02	ppb
Barium	137-1	0.01	0.00	0.00	0.00	691.13	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	17.31	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.03	-0.04	-0.01		ppb
Cadmium	106-1	-0.75	0.08	0.42	-0.08		ppb
Cadmium	111-1	-0.03	0.00	0.02	0.00		ppb
Calcium	43-1	-5.67	-6.46	-6.79	-6.30		ppb
Calcium	44-1	-4.02	-2.39	-3.52	-3.31		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.03	0.01	75.26	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	1479.43	ppb
Copper	63-2	-0.26	-0.27	-0.26	-0.26		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	0.28	0.30	0.23	0.27	12.23	ppb
Iron	57-2	-0.18	2.06	0.00	0.63	197.96	ppb
Iron	54-2	0.25	0.65	0.90	0.60	54.28	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P7
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:24:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.02	0.02	8.69	ppb
Lead	207-1	0.02	0.02	0.02	0.02	14.50	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.10	0.23	0.17	0.17	37.29	ppb
Manganese	55-2	0.02	0.02	0.02	0.02	9.31	ppb
Molybdenum	94-1	0.03	0.02	0.01	0.02	64.55	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	21.78	ppb
Molybdenum	96-1	0.01	0.02	0.00	0.01	59.65	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	59.31	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	6.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.02	0.00	327.03	ppb
Phosphorus	31-2	-19.73	-14.94	-18.34	-17.67		ppb
Potassium	39-2	4.79	3.56	2.71	3.68	28.44	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	-0.53	-0.19	-0.47	-0.40		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.30	0.91	-0.46	0.05	1469.15	ppb
Silicon	28-1	-0.99	-0.38	-1.00	-0.79		ppb
Silver	107-1	0.01	0.02	0.02	0.02	8.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.06	ppb
Sodium	23-2	13.55	15.03	13.78	14.12	5.63	ppb
Strontium	86-1	0.00	0.02	0.02	0.01	110.46	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.80	ppb
Sulfur	34-1	-875.44	-317.91	-779.38	-657.58		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.23	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	5.92	ppb
Tin	118-1	0.01	0.03	0.01	0.02	92.09	ppb
Titanium	47-1	-0.01	0.01	-0.04	-0.02		ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P7
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:24:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	25.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	0.06	-0.09	-0.02	-0.02		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	36.08	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	238.79	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P7
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:28:16	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.38	-0.11	-0.24		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	41.58	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	43.86	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	33.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.04	-0.01	-0.01		ppb
Cadmium	106-1	-0.64	0.42	-1.40	-0.54		ppb
Cadmium	111-1	-0.02	0.01	-0.05	-0.02		ppb
Calcium	43-1	-5.75	-10.59	-6.61	-7.65		ppb
Calcium	44-1	-3.22	-3.12	-3.33	-3.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	339.68	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	422.81	ppb
Copper	63-2	-0.27	-0.30	-0.28	-0.29		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.33	0.27	0.22	0.27	21.01	ppb
Iron	57-2	0.85	1.01	1.69	1.18	37.66	ppb
Iron	54-2	-0.41	0.79	-0.11	0.09	693.02	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P7
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:28:16	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	25.47	ppb
Lead	207-1	0.03	0.02	0.01	0.02	34.49	ppb
Lead	208-1	0.02	0.02	0.02	0.02	19.74	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.01	0.17	0.12	0.10	84.02	ppb
Manganese	55-2	0.02	0.01	0.02	0.01	53.10	ppb
Molybdenum	94-1	0.02	0.03	0.01	0.02	63.87	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	31.61	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	57.95	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	72.02	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	16.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.00	0.00		ppb
Phosphorus	31-2	-20.08	-16.41	-11.65	-16.05		ppb
Potassium	39-2	0.05	3.97	0.33	1.45	150.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.24	-0.65	-0.07	-0.16		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	0.23	0.10	-0.01		ppb
Silicon	28-1	-1.09	-1.05	-0.98	-1.04		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.35	ppb
Silver	109-1	0.00	0.00	0.01	0.01	38.95	ppb
Sodium	23-2	12.06	13.13	11.88	12.36	5.48	ppb
Strontium	86-1	0.04	0.01	0.02	0.02	49.34	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	31.60	ppb
Sulfur	34-1	-751.96	-701.03	-673.32	-708.77		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.01	0.01	35.87	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.71	ppb
Tin	118-1	0.00	0.01	0.01	0.01	73.09	ppb
Titanium	47-1	-0.02	0.01	-0.01	-0.01		ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P7
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:28:16	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	295.29	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.00	-0.10	0.13	0.01	1086.30	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	252.53	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : PB157770BL Instrumnet Name : P7
 Client Sample ID : PB157770BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 14:31:32 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.43	-0.35	-0.42		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.37	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	99.80	ppb
Barium	135-1	0.00	0.00	0.01	0.00	247.07	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.04	0.01	0.03	0.03	64.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	-0.01	0.01	-0.03		ppb
Cadmium	106-1	0.59	-0.13	-1.21	-0.25		ppb
Cadmium	111-1	0.02	0.00	-0.04	-0.01		ppb
Calcium	43-1	-7.67	-6.81	-7.36	-7.28		ppb
Calcium	44-1	-4.59	-3.85	-4.40	-4.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.04	0.01	130.88	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	729.54	ppb
Copper	63-2	-0.38	-0.21	-0.29	-0.29		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.15	0.10	0.06	0.10	43.27	ppb
Iron	57-2	0.69	-0.55	1.39	0.51	193.07	ppb
Iron	54-2	0.40	0.38	0.81	0.53	45.54	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P7
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:31:32	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	21.71	ppb
Lead	207-1	0.02	0.03	0.01	0.02	57.31	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.11	0.08	0.22	0.14	56.53	ppb
Manganese	55-2	0.01	0.00	0.01	0.00	62.60	ppb
Molybdenum	94-1	-0.01	0.01	-0.02	-0.01		ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	63.54	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	43.15	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	38.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-13.51	-11.74	-16.76	-14.00		ppb
Potassium	39-2	-0.77	5.11	5.55	3.30	106.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.62	0.06	-0.53	-0.37		ppb
Selenium	77-2	0.00	0.31	0.00	0.10	173.21	ppb
Selenium	78-2	0.07	-0.84	-0.68	-0.48		ppb
Silicon	28-1	-1.29	-0.73	-1.08	-1.03		ppb
Silver	107-1	0.01	0.00	0.01	0.01	56.31	ppb
Silver	109-1	0.00	0.00	0.00	0.00	222.59	ppb
Sodium	23-2	10.17	11.54	12.45	11.39	10.07	ppb
Strontium	86-1	0.01	0.03	0.02	0.02	40.46	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	99.85	ppb
Sulfur	34-1	-839.04	-403.49	-728.51	-657.02		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.81	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	28.64	ppb
Tin	118-1	0.02	0.01	0.01	0.01	42.61	ppb
Titanium	47-1	-0.03	-0.01	0.00	-0.02		ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P7
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:31:32	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	752.69	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	-0.03	0.01	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	210.61	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P7
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:34:49	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9305.90	9161.36	9278.10	9248.45	0.83	ppb
Antimony	121-1	444.39	446.59	437.26	442.74	1.10	ppb
Arsenic	75-2	433.22	437.99	435.74	435.65	0.55	ppb
Barium	135-1	2199.20	2180.41	2196.70	2192.10	0.47	ppb
Barium	137-1	2154.76	2188.77	2188.88	2177.47	0.90	ppb
Beryllium	9-1	448.56	443.27	450.17	447.33	0.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	446.01	444.17	443.57	444.58	0.29	ppb
Cadmium	106-1	446.21	438.74	451.30	445.42	1.42	ppb
Cadmium	111-1	447.42	451.49	445.42	448.11	0.69	ppb
Calcium	43-1	51929.19	51407.76	51053.42	51463.45	0.86	ppb
Calcium	44-1	46808.46	46822.79	46718.32	46783.19	0.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	454.14	450.08	457.29	453.84	0.80	ppb
Cobalt	59-2	442.50	434.08	439.77	438.78	0.98	ppb
Copper	63-2	4466.71	4473.10	4516.65	4485.49	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	23162.76	23148.96	23227.15	23179.62	0.18	ppb
Iron	57-2	24818.13	24824.55	25052.88	24898.52	0.54	ppb
Iron	54-2	23568.48	23381.30	23401.19	23450.32	0.44	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P7
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:34:49	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2096.59	2145.94	2143.71	2128.75	1.31	ppb
Lead	207-1	2100.90	2144.85	2108.45	2118.07	1.11	ppb
Lead	208-1	2110.05	2139.12	2126.27	2125.15	0.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	45469.14	45075.65	45009.84	45184.88	0.55	ppb
Manganese	55-2	4411.49	4384.95	4376.26	4390.90	0.42	ppb
Molybdenum	94-1	4266.16	4375.07	4359.87	4333.70	1.36	ppb
Molybdenum	95-1	4267.81	4407.49	4324.62	4333.31	1.62	ppb
Molybdenum	96-1	4297.07	4371.75	4351.35	4340.06	0.89	ppb
Molybdenum	97-1	4325.89	4337.91	4396.73	4353.51	0.87	ppb
Molybdenum	98-1	4327.74	4373.14	4402.01	4367.63	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	441.19	439.72	445.29	442.07	0.65	ppb
Phosphorus	31-2	8931.96	8790.15	8866.30	8862.80	0.80	ppb
Potassium	39-2	22422.45	22135.29	22574.48	22377.40	1.00	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	435.28	449.05	446.81	443.71	1.66	ppb
Selenium	77-2	457.34	454.82	462.03	458.06	0.80	ppb
Selenium	78-2	424.23	438.92	433.43	432.19	1.72	ppb
Silicon	28-1	440.17	432.91	425.95	433.01	1.64	ppb
Silver	107-1	449.72	453.76	452.46	451.98	0.46	ppb
Silver	109-1	452.53	453.32	450.62	452.16	0.31	ppb
Sodium	23-2	45673.49	45552.71	45876.31	45700.84	0.36	ppb
Strontium	86-1	10712.20	11006.64	10972.10	10896.98	1.48	ppb
Strontium	88-1	10622.51	10985.84	10889.44	10832.60	1.74	ppb
Sulfur	34-1	9057.80	8391.71	7844.65	8431.39	7.21	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	422.56	432.26	437.26	430.69	1.74	ppb
Thallium	205-1	423.76	430.28	419.92	424.65	1.23	ppb
Tin	118-1	440.87	449.71	440.75	443.78	1.16	ppb
Titanium	47-1	4320.80	4330.30	4221.12	4290.74	1.41	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P7
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:34:49	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	416.50	422.88	417.76	419.04	0.81	ppb
Vanadium	51-2	441.15	441.71	445.92	442.93	0.59	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	4519.87	4535.17	4427.90	4494.31	1.29	ppb
Zirconium	90-1	423.42	434.97	433.77	430.72	1.47	ppb
Zirconium	91-1	429.54	439.85	444.23	437.87	1.72	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P7
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:37:35	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9320.11	10525.73	10481.41	10109.08	6.76	ppb
Antimony	121-1	501.00	504.08	491.57	498.88	1.31	ppb
Arsenic	75-2	446.33	502.70	506.50	485.18	6.95	ppb
Barium	135-1	2502.43	2494.97	2516.09	2504.50	0.43	ppb
Barium	137-1	2525.97	2466.12	2478.16	2490.08	1.27	ppb
Beryllium	9-1	499.08	509.31	509.30	505.90	1.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.35	502.30	490.88	499.84	1.60	ppb
Cadmium	106-1	505.32	507.54	496.63	503.17	1.15	ppb
Cadmium	111-1	513.05	507.84	504.40	508.43	0.86	ppb
Calcium	43-1	59080.68	60217.56	59036.57	59444.94	1.13	ppb
Calcium	44-1	53849.45	54704.91	54303.55	54285.97	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	450.78	506.93	511.62	489.78	6.91	ppb
Cobalt	59-2	451.78	504.98	519.03	491.93	7.21	ppb
Copper	63-2	4525.18	5044.78	5225.98	4931.98	7.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				91		%
Indium	115-2				94		%
Iron	56-2	23518.25	26128.00	26907.79	25518.01	6.96	ppb
Iron	57-2	23921.91	26672.79	26990.06	25861.59	6.52	ppb
Iron	54-2	24028.20	27105.51	27536.81	26223.51	7.30	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P7
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:37:35	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2428.46	2484.44	2468.29	2460.40	1.17	ppb
Lead	207-1	2422.67	2463.60	2451.50	2445.92	0.86	ppb
Lead	208-1	2434.80	2457.54	2435.94	2442.76	0.52	ppb
Lithium	6-1				92		%
Magnesium	24-2	45751.88	51193.08	51738.91	49561.29	6.68	ppb
Manganese	55-2	4427.44	4957.98	5078.56	4821.33	7.18	ppb
Molybdenum	94-1	4952.49	4945.38	4913.08	4936.98	0.43	ppb
Molybdenum	95-1	4937.94	4936.53	4892.56	4922.34	0.52	ppb
Molybdenum	96-1	4941.41	4981.95	4904.66	4942.67	0.78	ppb
Molybdenum	97-1	4923.60	4967.96	4926.40	4939.32	0.50	ppb
Molybdenum	98-1	4983.35	5025.97	4962.95	4990.76	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.29	501.58	510.25	487.37	6.65	ppb
Phosphorus	31-2	8796.18	9926.62	10111.62	9611.47	7.41	ppb
Potassium	39-2	22981.46	25408.14	25901.18	24763.59	6.31	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				93		%
Selenium	82-1	508.29	502.21	497.94	502.81	1.03	ppb
Selenium	77-2	448.03	502.07	514.21	488.10	7.22	ppb
Selenium	78-2	458.91	498.04	515.75	490.90	5.93	ppb
Silicon	28-1	440.27	443.67	436.61	440.18	0.80	ppb
Silver	107-1	518.61	505.84	504.36	509.60	1.54	ppb
Silver	109-1	517.03	500.68	499.80	505.84	1.92	ppb
Sodium	23-2	46389.25	51297.65	52500.25	50062.38	6.47	ppb
Strontium	86-1	12543.92	12456.96	12392.61	12464.50	0.61	ppb
Strontium	88-1	12495.40	12394.76	12309.92	12400.03	0.75	ppb
Sulfur	34-1	8865.43	8865.20	8514.00	8748.21	2.32	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	494.46	496.77	495.10	495.44	0.24	ppb
Thallium	205-1	489.28	504.73	493.43	495.81	1.61	ppb
Tin	118-1	503.25	504.62	494.46	500.78	1.10	ppb
Titanium	47-1	4927.46	5054.23	4964.07	4981.92	1.31	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P7
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:37:35	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	486.42	493.67	484.54	488.21	0.99	ppb
Vanadium	51-2	453.07	502.43	519.35	491.62	7.00	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	4537.62	5019.32	5094.52	4883.82	6.19	ppb
Zirconium	90-1	490.99	491.76	491.46	491.40	0.08	ppb
Zirconium	91-1	492.09	487.50	490.83	490.14	0.48	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P7
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:40:19	DataFile Name :	042DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10069.71	10375.96	10427.64	10291.10	1.88	ppb
Antimony	121-1	485.49	491.36	498.48	491.78	1.32	ppb
Arsenic	75-2	471.07	490.83	489.47	483.79	2.28	ppb
Barium	135-1	2474.90	2455.24	2438.00	2456.04	0.75	ppb
Barium	137-1	2453.38	2462.79	2474.67	2463.61	0.43	ppb
Beryllium	9-1	490.79	504.07	489.61	494.83	1.62	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.82	494.69	501.29	495.60	1.07	ppb
Cadmium	106-1	491.94	492.61	499.86	494.80	0.89	ppb
Cadmium	111-1	497.45	501.27	504.93	501.22	0.75	ppb
Calcium	43-1	58587.84	58959.12	58513.85	58686.94	0.41	ppb
Calcium	44-1	53477.35	53927.18	53178.33	53527.62	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.92	487.99	503.85	492.92	1.92	ppb
Cobalt	59-2	493.69	495.11	501.70	496.83	0.86	ppb
Copper	63-2	4975.78	4965.07	5026.36	4989.07	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	56-2	25750.67	26152.45	26153.72	26018.94	0.89	ppb
Iron	57-2	26155.45	26729.65	26516.04	26467.05	1.10	ppb
Iron	54-2	26639.57	26637.73	26667.75	26648.35	0.06	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P7
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:40:19	DataFile Name :	042DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2418.41	2481.73	2426.13	2442.09	1.41	ppb
Lead	207-1	2388.80	2458.58	2435.55	2427.64	1.46	ppb
Lead	208-1	2405.34	2473.50	2427.79	2435.54	1.43	ppb
Lithium	6-1				92		%
Magnesium	24-2	49980.39	50085.11	50149.15	50071.55	0.17	ppb
Manganese	55-2	4919.82	5000.53	4923.30	4947.88	0.92	ppb
Molybdenum	94-1	4827.12	4937.37	4902.80	4889.09	1.15	ppb
Molybdenum	95-1	4855.69	4950.71	4848.81	4885.07	1.17	ppb
Molybdenum	96-1	4844.35	4915.60	4851.03	4870.33	0.81	ppb
Molybdenum	97-1	4851.81	4898.37	4852.59	4867.59	0.55	ppb
Molybdenum	98-1	4823.72	4958.25	4908.54	4896.84	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.78	494.65	498.42	495.28	0.58	ppb
Phosphorus	31-2	9687.74	9903.64	9776.86	9789.41	1.11	ppb
Potassium	39-2	24829.03	25119.64	25056.91	25001.86	0.61	ppb
Rhodium	103-1				87		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	491.69	499.92	491.73	494.45	0.96	ppb
Selenium	77-2	496.41	511.28	517.70	508.46	2.15	ppb
Selenium	78-2	485.21	486.87	492.57	488.22	0.79	ppb
Silicon	28-1	469.55	468.03	466.60	468.06	0.31	ppb
Silver	107-1	501.69	502.15	502.64	502.16	0.09	ppb
Silver	109-1	502.50	499.65	506.60	502.92	0.70	ppb
Sodium	23-2	50739.42	50719.84	50842.11	50767.12	0.13	ppb
Strontium	86-1	12038.15	12392.17	12286.83	12239.05	1.49	ppb
Strontium	88-1	12070.80	12251.34	12269.88	12197.34	0.90	ppb
Sulfur	34-1	8513.09	8391.89	8415.15	8440.04	0.76	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	489.28	496.54	498.33	494.71	0.97	ppb
Thallium	205-1	485.32	493.13	487.65	488.70	0.82	ppb
Tin	118-1	493.14	500.29	494.98	496.14	0.75	ppb
Titanium	47-1	4868.16	4929.87	4859.06	4885.69	0.79	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P7
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:40:19	DataFile Name :	042DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	482.24	492.87	482.55	485.89	1.24	ppb
Vanadium	51-2	493.78	496.22	502.08	497.36	0.86	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	4951.61	5021.76	5023.08	4998.81	0.82	ppb
Zirconium	90-1	477.56	488.18	480.53	482.09	1.14	ppb
Zirconium	91-1	477.87	490.60	486.82	485.10	1.35	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157613BL	Instrumnet Name :	P7
Client Sample ID :	PB157613BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:45	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.01	-0.04	-0.09		ppb
Antimony	121-1	0.10	0.11	0.13	0.11	11.40	ppb
Arsenic	75-2	0.05	0.02	0.03	0.03	46.06	ppb
Barium	135-1	0.01	0.01	0.00	0.01	55.88	ppb
Barium	137-1	0.01	0.01	0.01	0.01	36.60	ppb
Beryllium	9-1	0.02	0.05	0.06	0.04	47.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.06	0.03	-0.01		ppb
Cadmium	106-1	-3.54	-2.41	-1.78	-2.58		ppb
Cadmium	111-1	-0.11	-0.08	-0.06	-0.08		ppb
Calcium	43-1	-3.74	-7.10	-10.85	-7.23		ppb
Calcium	44-1	-3.59	-3.06	-3.58	-3.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.05	0.04	0.03	58.33	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	42.38	ppb
Copper	63-2	-0.15	-0.10	-0.21	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.38	0.37	0.47	0.41	12.68	ppb
Iron	57-2	2.45	3.41	1.70	2.52	33.97	ppb
Iron	54-2	1.15	0.74	1.10	1.00	22.22	ppb
Krypton	83-1						cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : PB157613BL Instrumnet Name : P7
 Client Sample ID : PB157613BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:02:45 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.05	0.05	8.74	ppb
Lead	207-1	0.04	0.05	0.05	0.05	9.12	ppb
Lead	208-1	0.04	0.05	0.05	0.05	8.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.60	0.43	0.51	0.51	16.06	ppb
Manganese	55-2	0.06	0.05	0.08	0.06	21.47	ppb
Molybdenum	94-1	0.08	0.06	0.06	0.07	15.89	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	5.17	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	21.70	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	12.34	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	22.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	-0.03	0.00	1170.40	ppb
Phosphorus	31-2	-19.82	-11.48	-17.92	-16.41		ppb
Potassium	39-2	6.19	6.64	6.06	6.30	4.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.26	-0.34	-0.04	-0.21		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.59	-0.58	0.00	0.00	14115.86	ppb
Silicon	28-1	-1.01	-1.16	-1.10	-1.09		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.40	ppb
Silver	109-1	0.00	0.01	0.01	0.01	35.22	ppb
Sodium	23-2	15.15	14.42	14.99	14.85	2.60	ppb
Strontium	86-1	0.06	0.06	0.06	0.06	4.67	ppb
Strontium	88-1	0.05	0.04	0.06	0.05	15.77	ppb
Sulfur	34-1	-1294.21	-1277.73	-1121.07	-1231.01		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.01	0.02	0.02	12.60	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	7.53	ppb
Tin	118-1	0.02	0.00	0.03	0.02	71.69	ppb
Titanium	47-1	-0.01	0.02	0.01	0.01	229.36	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157613BL	Instrumnet Name :	P7
Client Sample ID :	PB157613BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:45	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	51.06	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	187.55	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.08	0.09	0.03	0.07	53.55	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	54.24	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	30.45	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:06:00	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51743.45	51779.13	50910.55	51477.71	0.95	ppb
Antimony	121-1	491.24	491.90	492.66	491.94	0.14	ppb
Arsenic	75-2	502.75	503.56	502.12	502.81	0.14	ppb
Barium	135-1	2479.62	2474.11	2524.38	2492.70	1.11	ppb
Barium	137-1	2491.20	2458.96	2484.14	2478.10	0.68	ppb
Beryllium	9-1	515.31	520.54	513.02	516.29	0.75	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.11	499.50	496.18	498.27	0.36	ppb
Cadmium	106-1	502.14	496.76	498.64	499.18	0.55	ppb
Cadmium	111-1	504.28	494.31	501.37	499.99	1.02	ppb
Calcium	43-1	255029.82	255931.69	253528.53	254830.01	0.48	ppb
Calcium	44-1	252982.89	257689.09	252856.67	254509.55	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.64	502.51	497.79	502.64	0.98	ppb
Cobalt	59-2	506.49	505.28	493.86	501.88	1.39	ppb
Copper	63-2	5012.07	4932.00	4939.74	4961.27	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	127890.50	126501.54	123870.43	126087.49	1.62	ppb
Iron	57-2	130297.66	127804.34	125076.25	127726.08	2.04	ppb
Iron	54-2	129013.55	127434.68	124822.24	127090.16	1.67	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:06:00	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2483.04	2454.91	2482.99	2473.65	0.66	ppb
Lead	207-1	2501.78	2451.30	2469.80	2474.29	1.03	ppb
Lead	208-1	2503.93	2466.83	2464.12	2478.30	0.90	ppb
Lithium	6-1				86		%
Magnesium	24-2	254876.43	254557.64	252195.59	253876.55	0.58	ppb
Manganese	55-2	4966.76	4871.44	4800.87	4879.69	1.71	ppb
Molybdenum	94-1	4963.61	4966.34	4936.67	4955.54	0.33	ppb
Molybdenum	95-1	4918.20	4933.01	4883.62	4911.61	0.52	ppb
Molybdenum	96-1	4960.20	4978.48	4911.93	4950.20	0.69	ppb
Molybdenum	97-1	4965.06	4969.18	4926.48	4953.57	0.48	ppb
Molybdenum	98-1	4967.58	4977.40	4950.05	4965.01	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.28	494.11	485.26	491.88	1.19	ppb
Phosphorus	31-2	9868.74	9756.27	9823.28	9816.10	0.58	ppb
Potassium	39-2	123693.88	123149.94	123795.65	123546.49	0.28	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	491.17	491.00	484.46	488.88	0.78	ppb
Selenium	77-2	502.78	506.58	513.03	507.46	1.02	ppb
Selenium	78-2	504.48	505.91	499.15	503.18	0.71	ppb
Silicon	28-1	506.97	504.90	494.61	502.16	1.32	ppb
Silver	107-1	510.65	506.28	506.60	507.84	0.48	ppb
Silver	109-1	508.35	499.44	502.29	503.36	0.90	ppb
Sodium	23-2	256729.87	255642.32	252588.27	254986.82	0.84	ppb
Strontium	86-1	12274.43	12281.09	12240.27	12265.27	0.18	ppb
Strontium	88-1	12141.67	12218.47	12147.60	12169.25	0.35	ppb
Sulfur	34-1	9460.70	9121.10	8830.20	9137.33	3.45	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	506.69	504.69	502.50	504.63	0.42	ppb
Thallium	205-1	499.05	498.91	498.53	498.83	0.05	ppb
Tin	118-1	492.90	494.66	493.12	493.56	0.19	ppb
Titanium	47-1	4926.73	5006.65	4905.41	4946.26	1.08	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:06:00	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	518.10	515.24	510.80	514.71	0.71	ppb
Vanadium	51-2	504.57	498.34	494.22	499.04	1.04	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	4971.74	4821.24	4854.98	4882.65	1.62	ppb
Zirconium	90-1	500.81	492.26	493.60	495.56	0.93	ppb
Zirconium	91-1	497.96	500.00	499.92	499.29	0.23	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:15:08	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.10	-0.11	0.09	222.01	ppb
Antimony	121-1	0.12	0.16	0.17	0.15	15.27	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	86.60	ppb
Barium	135-1	0.01	0.02	0.02	0.02	15.42	ppb
Barium	137-1	0.01	0.01	0.01	0.01	24.00	ppb
Beryllium	9-1	0.05	0.03	0.07	0.05	38.60	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-2.51	-2.95	-2.77	-2.74		ppb
Cadmium	111-1	-0.07	-0.09	-0.09	-0.08		ppb
Calcium	43-1	-5.22	-9.66	-8.15	-7.68		ppb
Calcium	44-1	-2.03	-2.56	-0.89	-1.83		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.06	-0.01	0.02	210.67	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	49.01	ppb
Copper	63-2	-0.29	-0.32	-0.20	-0.27		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	56-2	1.42	1.27	1.45	1.38	6.66	ppb
Iron	57-2	2.93	1.35	1.85	2.04	39.59	ppb
Iron	54-2	1.44	1.47	2.24	1.72	26.34	ppb
Krypton	83-1						cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:15:08	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.08	0.07	0.08	2.91	ppb
Lead	207-1	0.08	0.08	0.09	0.08	9.64	ppb
Lead	208-1	0.07	0.07	0.09	0.08	9.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	1.63	1.54	1.72	1.63	5.42	ppb
Manganese	55-2	0.06	0.06	0.05	0.06	13.19	ppb
Molybdenum	94-1	0.16	0.14	0.18	0.16	10.17	ppb
Molybdenum	95-1	0.07	0.08	0.11	0.09	20.72	ppb
Molybdenum	96-1	0.07	0.07	0.10	0.08	19.76	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.08	9.40	ppb
Molybdenum	98-1	0.08	0.09	0.09	0.08	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.00	0.01	244.62	ppb
Phosphorus	31-2	-9.83	-17.59	-11.09	-12.84		ppb
Potassium	39-2	3.88	4.98	2.52	3.79	32.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	0.14	-0.56	-0.18	-0.20		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	-0.05	-0.45	-0.15		ppb
Silicon	28-1	-1.24	-1.60	-0.31	-1.05		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.10	ppb
Silver	109-1	0.02	0.01	0.02	0.02	13.29	ppb
Sodium	23-2	26.65	26.51	25.85	26.34	1.63	ppb
Strontium	86-1	0.08	0.09	0.13	0.10	27.40	ppb
Strontium	88-1	0.08	0.08	0.08	0.08	0.80	ppb
Sulfur	34-1	-1645.64	-1951.22	-1251.98	-1616.28		ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.03	0.02	32.92	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	13.49	ppb
Tin	118-1	0.03	0.02	0.03	0.03	10.61	ppb
Titanium	47-1	0.05	0.01	0.01	0.02	85.25	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:15:08	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	47.68	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	98.94	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%
Zinc	66-2	0.00	0.12	0.10	0.07	89.25	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	13.03	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	1.46	ppb

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:48:13	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	217	170	187	13.95	cps
Antimony	121-1	30	13	43	29	52.03	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	10	13	23	16	44.60	cps
Barium	137-1	33	23	47	34	34.00	cps
Beryllium	9-1	47	60	103	70	42.32	cps
Bismuth	209-1	6522210	6364247	6450575	6445677	1.23	cps
Bismuth	209-2	4594332	4580680	4558744	4577918	0.39	cps
Bromine	81-1	9416	9907	9523	9615	2.68	cps
Bromine	81-2	123	100	97	107	13.62	cps
Cadmium	108-1	13	7	17	12	41.65	cps
Cadmium	106-1	4898	4777	4798	4824	1.33	cps
Cadmium	111-1	1470	1435	1438	1448	1.34	cps
Calcium	43-1	747	653	743	714	7.41	cps
Calcium	44-1	7532	7555	7992	7693	3.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080	1160	997	1079	7.57	cps
Cobalt	59-2	50	53	63	56	12.49	cps
Copper	63-2	4517	4734	4654	4635	2.36	cps
Dysprosium	156-1	7	7	23	12	78.69	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	90	70	70	77	15.06	cps
Erbium	164-2	40	27	67	44	45.82	cps
Gadolinium	160-1	40	67	33	47	37.80	cps
Gadolinium	160-2	397	287	427	370	19.92	cps
Holmium	165-1	10916579	10807882	10775799	10833420	0.68	cps
Holmium	165-2	6688368	6627995	6634572	6650312	0.50	cps
Indium	115-1	8255841	8165022	8236249	8219037	0.58	cps
Indium	115-2	2527799	2489551	2476385	2497911	1.07	cps
Iron	56-2	5855	6251	6061	6056	3.28	cps
Iron	57-2	737	617	780	711	11.90	cps
Iron	54-2	1007	1080	1137	1074	6.07	cps
Krypton	83-1	153	170	150	158	6.79	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:48:13	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	470	453	443	456	2.96	cps
Lead	207-1	350	413	390	384	8.33	cps
Lead	208-1	1817	1843	1813	1825	0.90	cps
Lithium	6-1	2620291	2614044	2652186	2628841	0.78	cps
Magnesium	24-2	463	420	483	456	7.11	cps
Manganese	55-2	53	60	53	56	6.93	cps
Molybdenum	94-1	190	207	183	193	6.22	cps
Molybdenum	95-1	33	20	40	31	32.73	cps
Molybdenum	96-1	103	77	93	91	14.78	cps
Molybdenum	97-1	10	23	33	22	52.68	cps
Molybdenum	98-1	33	40	37	37	9.10	cps
Neodymium	150-1	7	10	0	6	91.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	80	103	83	89	14.20	cps
Phosphorus	31-2	283	310	337	310	8.60	cps
Potassium	39-2	59315	59087	58987	59130	0.28	cps
Rhodium	103-1	7512067	7611144	7578808	7567340	0.67	cps
Rhodium	103-2	4049386	4061650	4047473	4052836	0.19	cps
Scandium	45-1	4859733	4900528	4942892	4901051	0.85	cps
Scandium	45-2	391976	389825	391421	391074	0.29	cps
Selenium	82-1	253	271	327	283	13.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	170	93	113	126	31.67	cps
Silicon	28-1	819288	823917	826213	823139	0.43	cps
Silver	107-1	77	93	83	84	9.93	cps
Silver	109-1	57	57	50	54	7.07	cps
Sodium	23-2	18431	18571	17820	18274	2.18	cps
Strontium	86-1	257	257	250	254	1.51	cps
Strontium	88-1	147	150	153	150	2.22	cps
Sulfur	34-1	293384	294407	299147	295646	1.04	cps
Terbium	159-1	10977822	11093264	11142572	11071219	0.76	cps
Terbium	159-2	6675524	6637463	6687673	6666886	0.39	cps
Thallium	203-1	67	113	100	93	25.75	cps
Thallium	205-1	270	230	200	233	15.05	cps
Tin	118-1	647	707	717	690	5.49	cps
Titanium	47-1	123	140	100	121	16.59	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:48:13	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	0	20	9	114.55	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	13204669	13226041	13178634	13203115	0.18	cps
Yttrium	89-2	2934784	2905489	2929681	2923318	0.54	cps
Zinc	66-2	347	210	297	284	24.31	cps
Zirconium	90-1	463	500	543	502	7.97	cps
Zirconium	91-1	120	87	83	97	20.98	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:54:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3837	3811	3911	3853	1.34	cps
Antimony	121-1	14281	15111	14734	14709	2.83	cps
Arsenic	75-2	430	363	363	386	9.98	cps
Barium	135-1	20031	19667	19597	19765	1.18	cps
Barium	137-1	34428	33880	33332	33880	1.62	cps
Beryllium	9-1	2164	2097	2180	2147	2.05	cps
Bismuth	209-1	6511742	6514322	6477506	6501190	0.32	cps
Bismuth	209-2	4595144	4507942	4524092	4542392	1.02	cps
Bromine	81-1	9790	9650	9990	9810	1.74	cps
Bromine	81-2	153	110	100	121	23.41	cps
Cadmium	108-1	167	173	193	178	7.81	cps
Cadmium	106-1	5168	5184	4901	5084	3.13	cps
Cadmium	111-1	3314	3424	3332	3357	1.76	cps
Calcium	43-1	11948	12472	12085	12168	2.23	cps
Calcium	44-1	191816	193885	195152	193618	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6928	6815	7279	7007	3.45	cps
Cobalt	59-2	4951	4754	4661	4789	3.09	cps
Copper	63-2	10601	10587	10470	10553	0.68	cps
Dysprosium	156-1	23	7	7	12	78.69	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	43	90	100	78	38.89	cps
Erbium	164-2	53	57	60	57	5.89	cps
Gadolinium	160-1	43	70	57	57	23.53	cps
Gadolinium	160-2	350	340	350	347	1.67	cps
Holmium	165-1	10504647	10726578	10616718	10615981	1.05	cps
Holmium	165-2	6688978	6615337	6562914	6622410	0.96	cps
Indium	115-1	8090170	8157294	8110899	8119454	0.42	cps
Indium	115-2	2461425	2476378	2469984	2469262	0.30	cps
Iron	56-2	140159	140240	139847	140082	0.15	cps
Iron	57-2	4097	4204	4494	4265	4.81	cps
Iron	54-2	8809	8803	8653	8755	1.01	cps
Krypton	83-1	153	147	160	153	4.35	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:54:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6095	6048	6188	6110	1.17	cps
Lead	207-1	5224	5318	5635	5392	3.99	cps
Lead	208-1	24379	24529	24592	24500	0.45	cps
Lithium	6-1	2638044	2646776	2629912	2638244	0.32	cps
Magnesium	24-2	175525	175856	176689	176023	0.34	cps
Manganese	55-2	2073	2090	2260	2141	4.82	cps
Molybdenum	94-1	15502	15341	15625	15489	0.92	cps
Molybdenum	95-1	18986	19373	19039	19133	1.10	cps
Molybdenum	96-1	20675	20541	20812	20676	0.65	cps
Molybdenum	97-1	11795	11828	11985	11869	0.86	cps
Molybdenum	98-1	30372	30051	30899	30441	1.41	cps
Neodymium	150-1	10	17	10	12	31.50	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1267	1403	1223	1298	7.24	cps
Phosphorus	31-2	613	663	640	639	3.92	cps
Potassium	39-2	234644	236229	237115	235996	0.53	cps
Rhodium	103-1	7392252	7458379	7387480	7412704	0.53	cps
Rhodium	103-2	4023700	3957520	4026279	4002500	0.97	cps
Scandium	45-1	4869851	4905362	4861961	4879058	0.47	cps
Scandium	45-2	384558	387818	383710	385362	0.56	cps
Selenium	82-1	965	846	857	890	7.40	cps
Selenium	77-2	43	47	43	44	4.34	cps
Selenium	78-2	333	277	310	307	9.29	cps
Silicon	28-1	834167	842939	846712	841273	0.77	cps
Silver	107-1	9333	9740	9577	9550	2.14	cps
Silver	109-1	9083	8903	8939	8975	1.06	cps
Sodium	23-2	305235	300940	301951	302709	0.74	cps
Strontium	86-1	2660	2687	2500	2616	3.86	cps
Strontium	88-1	22130	21793	21783	21902	0.90	cps
Sulfur	34-1	297612	297460	295208	296760	0.45	cps
Terbium	159-1	11057907	11045270	11063802	11055660	0.09	cps
Terbium	159-2	6578090	6622404	6558618	6586371	0.50	cps
Thallium	203-1	7362	7142	7275	7260	1.53	cps
Thallium	205-1	16854	17361	17158	17124	1.49	cps
Tin	118-1	32757	32176	32002	32312	1.22	cps
Titanium	47-1	5041	5298	5388	5242	3.43	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:54:46	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22439	22492	22152	22361	0.82	cps
Vanadium	51-2	12665	12332	12539	12512	1.35	cps
Yttrium	89-1	13211206	13180281	13197789	13196425	0.12	cps
Yttrium	89-2	2930627	2964698	2911880	2935735	0.91	cps
Zinc	66-2	2874	2727	2757	2786	2.78	cps
Zirconium	90-1	13263	13103	13246	13204	0.67	cps
Zirconium	91-1	3080	2807	2914	2934	4.70	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:58:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201710	199206	197497	199471	1.06	cps
Antimony	121-1	407859	407738	402674	406090	0.73	cps
Arsenic	75-2	17440	18074	17454	17656	2.05	cps
Barium	135-1	537166	538591	540813	538856	0.34	cps
Barium	137-1	938533	943439	936536	939503	0.38	cps
Beryllium	9-1	111694	111791	109589	111025	1.12	cps
Bismuth	209-1	6459774	6459087	5536804	6151888	8.66	cps
Bismuth	209-2	4500532	4530252	4587194	4539326	0.97	cps
Bromine	81-1	9256	9250	9066	9191	1.17	cps
Bromine	81-2	117	97	80	98	18.78	cps
Cadmium	108-1	8516	8009	8409	8311	3.22	cps
Cadmium	106-1	16162	16446	14911	15840	5.16	cps
Cadmium	111-1	105906	107840	105544	106430	1.16	cps
Calcium	43-1	140198	138276	139366	139280	0.69	cps
Calcium	44-1	2031887	1992565	1966441	1996964	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155216	156724	154917	155619	0.62	cps
Cobalt	59-2	238865	235946	236559	237123	0.65	cps
Copper	63-2	1667785	1671597	1619031	1652804	1.77	cps
Dysprosium	156-1	40	53	33	42	24.12	cps
Dysprosium	156-2	40	53	80	58	35.25	cps
Erbium	164-1	90	110	70	90	22.22	cps
Erbium	164-2	43	43	70	52	29.49	cps
Gadolinium	160-1	67	100	67	78	24.74	cps
Gadolinium	160-2	313	343	367	341	7.84	cps
Holmium	165-1	10712586	10679283	9140613	10177494	8.82	cps
Holmium	165-2	6490037	6442779	6664673	6532496	1.79	cps
Indium	115-1	7998374	7984949	6838808	7607377	8.75	cps
Indium	115-2	2353539	2373979	2396652	2374723	0.91	cps
Iron	56-2	6628781	6529708	6453866	6537452	1.34	cps
Iron	57-2	177579	177930	175401	176970	0.77	cps
Iron	54-2	402358	397408	394776	398181	0.97	cps
Krypton	83-1	157	163	173	164	5.10	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:58:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1629351	1644309	1640327	1637995	0.47	cps
Lead	207-1	1433451	1438480	1433236	1435056	0.21	cps
Lead	208-1	6618966	6623412	6700875	6647751	0.69	cps
Lithium	6-1	2608002	2558042	2242204	2469416	8.03	cps
Magnesium	24-2	1811462	1792267	1814689	1806139	0.67	cps
Manganese	55-2	1128096	1119778	1126800	1124891	0.40	cps
Molybdenum	94-1	1459144	1453525	1456185	1456285	0.19	cps
Molybdenum	95-1	2079811	2085124	2075007	2079981	0.24	cps
Molybdenum	96-1	2294201	2298008	2302062	2298090	0.17	cps
Molybdenum	97-1	1355830	1345669	1340887	1347462	0.57	cps
Molybdenum	98-1	3378074	3350728	3362972	3363925	0.41	cps
Neodymium	150-1	50	77	67	64	20.91	cps
Neodymium	150-2	13	3	17	11	62.48	cps
Nickel	60-2	60900	60039	60434	60458	0.71	cps
Phosphorus	31-2	10454	10043	10047	10181	2.32	cps
Potassium	39-2	1014460	1004352	1002110	1006974	0.65	cps
Rhodium	103-1	7424816	7253805	6122275	6933632	10.21	cps
Rhodium	103-2	3880322	3862321	3913675	3885440	0.67	cps
Scandium	45-1	4798968	4702258	4017603	4506276	9.45	cps
Scandium	45-2	368256	373110	367855	369741	0.79	cps
Selenium	82-1	7114	6851	6891	6952	2.04	cps
Selenium	77-2	440	553	557	517	12.85	cps
Selenium	78-2	2090	1823	1980	1965	6.82	cps
Silicon	28-1	4986581	4898590	4852061	4912411	1.39	cps
Silver	107-1	539269	529441	526552	531754	1.25	cps
Silver	109-1	511308	506113	505565	507662	0.62	cps
Sodium	23-2	2966322	2894405	2871853	2910860	1.69	cps
Strontium	86-1	3360116	3300397	3314572	3325029	0.94	cps
Strontium	88-1	29321526	28595536	28885963	28934342	1.26	cps
Sulfur	34-1	327310	320463	320119	322631	1.26	cps
Terbium	159-1	11173648	11013405	9386434	10524496	9.40	cps
Terbium	159-2	6586239	6579780	6625765	6597261	0.38	cps
Thallium	203-1	395472	403555	401175	400067	1.04	cps
Thallium	205-1	938802	946554	961987	949114	1.24	cps
Tin	118-1	351812	353984	348103	351300	0.85	cps
Titanium	47-1	546777	541003	540826	542869	0.62	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 11:58:01	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1252376	1278630	1285306	1272104	1.37	cps
Vanadium	51-2	135001	134318	133400	134240	0.60	cps
Yttrium	89-1	13231665	12818263	11019027	12356318	9.52	cps
Yttrium	89-2	2813171	2798140	2790364	2800559	0.41	cps
Zinc	66-2	277328	276832	273645	275935	0.72	cps
Zirconium	90-1	721732	717172	711923	716942	0.68	cps
Zirconium	91-1	160867	160308	160059	160411	0.26	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:01:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	474059	469013	457709	466927	1.79	cps
Antimony	121-1	972416	976685	971909	973670	0.27	cps
Arsenic	75-2	41398	40465	40345	40736	1.41	cps
Barium	135-1	1281814	1305939	1286347	1291366	0.99	cps
Barium	137-1	2277256	2286303	2279990	2281183	0.20	cps
Beryllium	9-1	261372	261124	255357	259284	1.31	cps
Bismuth	209-1	6438483	6390554	6481252	6436763	0.70	cps
Bismuth	209-2	4569691	4429688	4486713	4495364	1.57	cps
Bromine	81-1	8329	8242	8312	8295	0.55	cps
Bromine	81-2	67	93	103	88	21.59	cps
Cadmium	108-1	20094	19633	19497	19741	1.59	cps
Cadmium	106-1	31768	32095	32222	32029	0.73	cps
Cadmium	111-1	250349	253465	251062	251625	0.65	cps
Calcium	43-1	322818	322632	319708	321719	0.54	cps
Calcium	44-1	4601743	4583156	4531515	4572138	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	355130	354245	359813	356396	0.84	cps
Cobalt	59-2	548851	540892	542530	544091	0.77	cps
Copper	63-2	3749105	3774822	3730757	3751561	0.59	cps
Dysprosium	156-1	53	113	73	80	38.19	cps
Dysprosium	156-2	103	77	93	91	14.78	cps
Erbium	164-1	103	130	110	114	12.13	cps
Erbium	164-2	60	70	50	60	16.67	cps
Gadolinium	160-1	110	87	103	100	12.02	cps
Gadolinium	160-2	383	327	300	337	12.64	cps
Holmium	165-1	10448869	10449459	10613020	10503783	0.90	cps
Holmium	165-2	6593472	6391233	6381873	6455526	1.85	cps
Indium	115-1	7809109	7806724	7726858	7780897	0.60	cps
Indium	115-2	2323652	2223169	2272097	2272972	2.21	cps
Iron	56-2	15308193	15136498	14938766	15127819	1.22	cps
Iron	57-2	408492	405651	409721	407955	0.51	cps
Iron	54-2	934669	919105	910888	921554	1.31	cps
Krypton	83-1	187	120	117	141	27.98	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:01:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4104375	4141223	4187492	4144364	1.00	cps
Lead	207-1	3690530	3689438	3753599	3711189	0.99	cps
Lead	208-1	16514161	16511629	16733167	16586319	0.77	cps
Lithium	6-1	2550275	2530133	2509497	2529968	0.81	cps
Magnesium	24-2	4261107	4151433	4188130	4200223	1.33	cps
Manganese	55-2	2557389	2521250	2461508	2513382	1.93	cps
Molybdenum	94-1	3418409	3447498	3372538	3412815	1.11	cps
Molybdenum	95-1	4972775	4881450	4891563	4915263	1.02	cps
Molybdenum	96-1	5449572	5327729	5254072	5343791	1.85	cps
Molybdenum	97-1	3144818	3109811	3072212	3108947	1.17	cps
Molybdenum	98-1	8015470	7883242	7885592	7928101	0.95	cps
Neodymium	150-1	127	157	153	146	11.30	cps
Neodymium	150-2	17	33	33	28	34.63	cps
Nickel	60-2	139815	140918	137450	139394	1.27	cps
Phosphorus	31-2	23541	24203	22851	23532	2.87	cps
Potassium	39-2	2097879	2055269	2098365	2083838	1.19	cps
Rhodium	103-1	6953610	6876359	6885711	6905226	0.61	cps
Rhodium	103-2	3728769	3662308	3713417	3701498	0.94	cps
Scandium	45-1	4532043	4466598	4385765	4461469	1.64	cps
Scandium	45-2	363105	347845	343557	351502	2.92	cps
Selenium	82-1	15965	15943	15988	15966	0.14	cps
Selenium	77-2	1227	1317	1177	1240	5.72	cps
Selenium	78-2	4331	4474	4567	4457	2.68	cps
Silicon	28-1	10147758	9990441	9811565	9983255	1.68	cps
Silver	107-1	1257383	1258236	1247477	1254365	0.48	cps
Silver	109-1	1200450	1197785	1186989	1195074	0.60	cps
Sodium	23-2	6838491	6721226	6794511	6784743	0.87	cps
Strontium	86-1	7902988	7813963	7740723	7819224	1.04	cps
Strontium	88-1	69058347	68924697	67496212	68493086	1.26	cps
Sulfur	34-1	359755	354411	347430	353865	1.75	cps
Terbium	159-1	10956999	10826236	10949000	10910745	0.67	cps
Terbium	159-2	6631492	6460978	6375392	6489287	2.01	cps
Thallium	203-1	982617	985828	985488	984644	0.18	cps
Thallium	205-1	2423062	2440109	2463462	2442211	0.83	cps
Tin	118-1	832729	837431	836683	835614	0.30	cps
Titanium	47-1	1260336	1256455	1237469	1251420	0.98	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:01:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3320772	3386520	3378645	3361979	1.07	cps
Vanadium	51-2	308530	309506	303819	307285	0.99	cps
Yttrium	89-1	12555702	12524891	12486810	12522468	0.28	cps
Yttrium	89-2	2737155	2639473	2667464	2681364	1.88	cps
Zinc	66-2	645903	639221	644491	643205	0.55	cps
Zirconium	90-1	1675240	1659309	1644398	1659649	0.93	cps
Zirconium	91-1	375828	379633	372819	376093	0.91	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:04:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	923946	931540	921790	925759	0.55	cps
Antimony	121-1	1885425	1922625	1893619	1900557	1.03	cps
Arsenic	75-2	80587	81177	80534	80766	0.44	cps
Barium	135-1	2560117	2557298	2608648	2575354	1.12	cps
Barium	137-1	4452088	4498187	4493692	4481322	0.57	cps
Beryllium	9-1	491092	493087	489606	491262	0.36	cps
Bismuth	209-1	6445768	6453135	6560879	6486594	0.99	cps
Bismuth	209-2	4353558	4091681	4362091	4269110	3.60	cps
Bromine	81-1	8056	8152	7846	8018	1.96	cps
Bromine	81-2	77	63	93	78	19.33	cps
Cadmium	108-1	37438	38277	38458	38058	1.43	cps
Cadmium	106-1	57085	56804	56469	56786	0.54	cps
Cadmium	111-1	480089	487739	490052	485960	1.07	cps
Calcium	43-1	606380	608964	612386	609244	0.49	cps
Calcium	44-1	8707203	8679930	8769988	8719040	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	715056	723716	709891	716221	0.98	cps
Cobalt	59-2	1079320	1087584	1080898	1082601	0.41	cps
Copper	63-2	7407134	7444317	7300586	7384012	1.01	cps
Dysprosium	156-1	130	140	147	139	6.04	cps
Dysprosium	156-2	180	193	153	176	11.60	cps
Erbium	164-1	120	120	110	117	4.95	cps
Erbium	164-2	73	77	73	74	2.59	cps
Gadolinium	160-1	173	137	163	158	12.01	cps
Gadolinium	160-2	320	447	397	388	16.45	cps
Holmium	165-1	10498814	10506973	10610904	10538897	0.59	cps
Holmium	165-2	6372589	6135446	6322091	6276709	1.99	cps
Indium	115-1	7443323	7424643	7600813	7489593	1.29	cps
Indium	115-2	2209482	2096860	2181993	2162778	2.71	cps
Iron	56-2	30366043	30680911	30244318	30430424	0.74	cps
Iron	57-2	814850	824134	813343	817442	0.71	cps
Iron	54-2	1733090	1728090	1699357	1720179	1.06	cps
Krypton	83-1	127	83	167	126	33.20	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:04:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8271752	8467461	8392156	8377123	1.18	cps
Lead	207-1	7384334	7515950	7425869	7442051	0.90	cps
Lead	208-1	33213707	33962949	33749956	33642204	1.15	cps
Lithium	6-1	2423989	2439406	2431328	2431574	0.32	cps
Magnesium	24-2	8253586	8280185	8349518	8294430	0.60	cps
Manganese	55-2	5071658	5084210	5077446	5077771	0.12	cps
Molybdenum	94-1	6643035	6621373	6625797	6630069	0.17	cps
Molybdenum	95-1	9494219	9520885	9553780	9522961	0.31	cps
Molybdenum	96-1	10367985	10441872	10413299	10407719	0.36	cps
Molybdenum	97-1	5966812	5984406	6003542	5984920	0.31	cps
Molybdenum	98-1	15341944	15499431	15357523	15399633	0.56	cps
Neodymium	150-1	223	277	197	232	17.54	cps
Neodymium	150-2	57	23	57	46	42.25	cps
Nickel	60-2	276048	277078	273401	275509	0.69	cps
Phosphorus	31-2	46136	46651	45929	46239	0.80	cps
Potassium	39-2	4117516	4113305	4087296	4106039	0.40	cps
Rhodium	103-1	6606412	6510177	6598253	6571614	0.81	cps
Rhodium	103-2	3533528	3391273	3564583	3496461	2.64	cps
Scandium	45-1	4276540	4166642	4202518	4215234	1.33	cps
Scandium	45-2	335332	320083	339877	331764	3.13	cps
Selenium	82-1	30476	30770	30742	30663	0.53	cps
Selenium	77-2	2617	2584	2514	2571	2.05	cps
Selenium	78-2	8643	8626	8503	8590	0.89	cps
Silicon	28-1	17958351	17798406	17903169	17886642	0.45	cps
Silver	107-1	2350293	2384342	2365088	2366575	0.72	cps
Silver	109-1	2249941	2252694	2306862	2269832	1.41	cps
Sodium	23-2	13423979	13386629	13454675	13421761	0.25	cps
Strontium	86-1	15272882	15215361	15339429	15275891	0.41	cps
Strontium	88-1	132891315	133780851	132775655	133149274	0.41	cps
Sulfur	34-1	402001	395866	389563	395810	1.57	cps
Terbium	159-1	10751316	10743110	10865367	10786598	0.63	cps
Terbium	159-2	6381664	5994276	6376782	6250907	3.56	cps
Thallium	203-1	2057849	2088992	2057712	2068184	0.87	cps
Thallium	205-1	4914471	4969918	4908206	4930865	0.69	cps
Tin	118-1	1617679	1614516	1596551	1609582	0.71	cps
Titanium	47-1	2319840	2326541	2324544	2323642	0.15	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:04:00	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6811135	6814404	6845222	6823587	0.28	cps
Vanadium	51-2	612561	618670	608930	613387	0.80	cps
Yttrium	89-1	11976607	11869421	12052916	11966315	0.77	cps
Yttrium	89-2	2592572	2423080	2552420	2522691	3.51	cps
Zinc	66-2	1275707	1279626	1269111	1274815	0.42	cps
Zirconium	90-1	3191958	3242244	3223569	3219257	0.79	cps
Zirconium	91-1	724428	734457	735274	731386	0.83	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:06:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1738487	1723072	1759805	1740455	1.06	cps
Antimony	121-1	3754135	3736357	3784939	3758477	0.65	cps
Arsenic	75-2	158004	159443	159331	158926	0.50	cps
Barium	135-1	5090054	5109050	5074945	5091349	0.34	cps
Barium	137-1	8877294	8946959	8846837	8890363	0.58	cps
Beryllium	9-1	951809	953588	954394	953264	0.14	cps
Bismuth	209-1	5896685	6287867	6398566	6194372	4.26	cps
Bismuth	209-2	4323089	4351331	4372143	4348855	0.57	cps
Bromine	81-1	7709	8212	8226	8049	3.66	cps
Bromine	81-2	97	80	93	90	9.80	cps
Cadmium	108-1	74496	73240	75244	74327	1.36	cps
Cadmium	106-1	107709	108491	108380	108193	0.39	cps
Cadmium	111-1	950944	965322	954504	956924	0.78	cps
Calcium	43-1	1206413	1204880	1206206	1205833	0.07	cps
Calcium	44-1	17228103	17295697	17347946	17290582	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1346753	1371072	1354939	1357588	0.91	cps
Cobalt	59-2	2037631	2062202	2050928	2050254	0.60	cps
Copper	63-2	14627814	14431567	14526494	14528625	0.68	cps
Dysprosium	156-1	307	307	250	288	11.37	cps
Dysprosium	156-2	313	360	283	319	12.12	cps
Erbium	164-1	147	170	160	159	7.37	cps
Erbium	164-2	103	87	93	94	8.88	cps
Gadolinium	160-1	253	317	290	287	11.09	cps
Gadolinium	160-2	430	467	390	429	8.94	cps
Holmium	165-1	9746645	10377840	10574342	10232942	4.23	cps
Holmium	165-2	6517602	6421676	6504238	6481172	0.80	cps
Indium	115-1	6746244	7186653	7392169	7108355	4.64	cps
Indium	115-2	2213791	2214855	2227187	2218611	0.34	cps
Iron	56-2	59686179	59323334	59289507	59433007	0.37	cps
Iron	57-2	1497480	1496873	1485231	1493195	0.46	cps
Iron	54-2	3376282	3388513	3389319	3384705	0.22	cps
Krypton	83-1	247	123	140	170	39.36	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:06:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16539701	16665599	16613481	16606260	0.38	cps
Lead	207-1	14572031	14604583	14772970	14649862	0.74	cps
Lead	208-1	65933507	66322949	66907149	66387868	0.74	cps
Lithium	6-1	2234780	2386651	2400729	2340720	3.93	cps
Magnesium	24-2	16165751	16206195	16062440	16144795	0.46	cps
Manganese	55-2	9980281	9898455	9882451	9920396	0.53	cps
Molybdenum	94-1	13291947	13258973	13261274	13270731	0.14	cps
Molybdenum	95-1	19118738	19045524	19123573	19095945	0.23	cps
Molybdenum	96-1	20752761	21029302	20567650	20783237	1.12	cps
Molybdenum	97-1	11941715	12025253	11888918	11951962	0.58	cps
Molybdenum	98-1	30619645	30653647	30576211	30616501	0.13	cps
Neodymium	150-1	493	460	423	459	7.63	cps
Neodymium	150-2	107	90	107	101	9.52	cps
Nickel	60-2	540986	535491	536647	537708	0.54	cps
Phosphorus	31-2	91005	90982	90086	90691	0.58	cps
Potassium	39-2	8020241	8085378	8070896	8058838	0.42	cps
Rhodium	103-1	6001092	6493387	6430997	6308492	4.25	cps
Rhodium	103-2	3613551	3571302	3602813	3595889	0.61	cps
Scandium	45-1	3884260	4151661	4203990	4079970	4.20	cps
Scandium	45-2	346047	344798	344292	345046	0.26	cps
Selenium	82-1	59242	59440	59972	59552	0.63	cps
Selenium	77-2	5131	4898	5088	5039	2.46	cps
Selenium	78-2	16609	16833	16696	16713	0.67	cps
Silicon	28-1	33817765	33806498	33618277	33747513	0.33	cps
Silver	107-1	4607190	4631713	4650562	4629822	0.47	cps
Silver	109-1	4384140	4400106	4412118	4398788	0.32	cps
Sodium	23-2	26194993	26367200	26051459	26204550	0.60	cps
Strontium	86-1	30218134	30306384	30166919	30230479	0.23	cps
Strontium	88-1	265787336	262462196	267333709	265194414	0.94	cps
Sulfur	34-1	530837	524540	521188	525522	0.93	cps
Terbium	159-1	9792356	10700974	10674405	10389245	4.98	cps
Terbium	159-2	6465860	6512746	6511732	6496779	0.41	cps
Thallium	203-1	4073916	4068689	4076144	4072916	0.09	cps
Thallium	205-1	9650699	9774271	9574465	9666479	1.04	cps
Tin	118-1	3180563	3203973	3222507	3202347	0.66	cps
Titanium	47-1	4631576	4595547	4625016	4617379	0.42	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:06:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13780903	13814311	13467502	13687572	1.40	cps
Vanadium	51-2	1225760	1219425	1222467	1222551	0.26	cps
Yttrium	89-1	11027586	11934205	12109973	11690588	4.97	cps
Yttrium	89-2	2658872	2624068	2689700	2657547	1.24	cps
Zinc	66-2	2411399	2370900	2364724	2382341	1.06	cps
Zirconium	90-1	6336152	6462679	6506826	6435219	1.38	cps
Zirconium	91-1	1419380	1424850	1453745	1432658	1.29	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:09:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3470711	3478854	3457270	3468945	0.31	cps
Antimony	121-1	7290589	7464370	7496066	7417009	1.49	cps
Arsenic	75-2	316409	316753	318724	317295	0.39	cps
Barium	135-1	10016567	10135242	10207432	10119747	0.95	cps
Barium	137-1	17294239	17720281	17803801	17606107	1.55	cps
Beryllium	9-1	1745930	1756007	1774997	1758978	0.84	cps
Bismuth	209-1	6210883	6317711	6303476	6277357	0.92	cps
Bismuth	209-2	4326898	4294535	4292537	4304657	0.45	cps
Bromine	81-1	8326	8256	8579	8387	2.03	cps
Bromine	81-2	140	90	100	110	24.05	cps
Cadmium	108-1	142222	145002	145602	144275	1.25	cps
Cadmium	106-1	203276	210371	207611	207086	1.73	cps
Cadmium	111-1	1808180	1848320	1851099	1835867	1.31	cps
Calcium	43-1	2259091	2294401	2315028	2289507	1.24	cps
Calcium	44-1	33798936	34484207	34324204	34202449	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2647453	2706090	2669915	2674486	1.11	cps
Cobalt	59-2	4058922	4076151	4074325	4069799	0.23	cps
Copper	63-2	28259061	28230085	28120557	28203235	0.26	cps
Dysprosium	156-1	680	717	523	640	16.04	cps
Dysprosium	156-2	617	667	637	640	3.93	cps
Erbium	164-1	250	263	337	283	16.47	cps
Erbium	164-2	153	130	153	146	9.26	cps
Gadolinium	160-1	540	633	593	589	7.95	cps
Gadolinium	160-2	637	693	587	639	8.35	cps
Holmium	165-1	10399648	10759367	10638889	10599301	1.73	cps
Holmium	165-2	6578355	6580929	6595760	6585015	0.14	cps
Indium	115-1	7196103	7313696	7352273	7287358	1.12	cps
Indium	115-2	2214783	2231821	2207350	2217985	0.57	cps
Iron	56-2	118206122	117900745	117720908	117942592	0.21	cps
Iron	57-2	2982785	2970180	2965151	2972705	0.31	cps
Iron	54-2	6663552	6679298	6582285	6641712	0.78	cps
Krypton	83-1	153	177	150	160	9.08	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:09:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32542846	32836900	32875715	32751821	0.56	cps
Lead	207-1	29079398	29362862	29540315	29327525	0.79	cps
Lead	208-1	130789835	131840338	132485528	131705234	0.65	cps
Lithium	6-1	2343634	2327841	2350984	2340820	0.51	cps
Magnesium	24-2	32270119	32409291	32266785	32315398	0.25	cps
Manganese	55-2	19784651	19799448	19496160	19693419	0.87	cps
Molybdenum	94-1	25907070	26632230	26477166	26338822	1.45	cps
Molybdenum	95-1	37281544	38115585	38247901	37881677	1.38	cps
Molybdenum	96-1	40366740	41589240	41828920	41261634	1.90	cps
Molybdenum	97-1	23132123	23851854	24065161	23683046	2.06	cps
Molybdenum	98-1	59609866	61107146	61756197	60824403	1.81	cps
Neodymium	150-1	890	853	1000	914	8.35	cps
Neodymium	150-2	207	203	240	217	9.36	cps
Nickel	60-2	1045207	1047661	1037929	1043599	0.48	cps
Phosphorus	31-2	180264	178912	178693	179290	0.47	cps
Potassium	39-2	16113528	15938580	15818808	15956972	0.93	cps
Rhodium	103-1	6197806	6483351	6485351	6388836	2.59	cps
Rhodium	103-2	3586795	3581794	3572864	3580484	0.20	cps
Scandium	45-1	4157702	4255015	4201916	4204877	1.16	cps
Scandium	45-2	348841	345243	348682	347589	0.58	cps
Selenium	82-1	113415	115133	115951	114833	1.13	cps
Selenium	77-2	9126	9610	9700	9479	3.25	cps
Selenium	78-2	33090	32085	32225	32467	1.68	cps
Silicon	28-1	63398187	63830134	63561437	63596586	0.34	cps
Silver	107-1	8869463	8953076	9037794	8953444	0.94	cps
Silver	109-1	8535265	8621955	8629846	8595689	0.61	cps
Sodium	23-2	52526889	52449354	52601338	52525860	0.14	cps
Strontium	86-1	59437344	60683899	60422862	60181369	1.09	cps
Strontium	88-1	521617486	535730392	533981285	530443054	1.45	cps
Sulfur	34-1	824851	837002	836137	832664	0.81	cps
Terbium	159-1	10714119	10846741	10943067	10834642	1.06	cps
Terbium	159-2	6517478	6547540	6530734	6531917	0.23	cps
Thallium	203-1	8025767	8000488	8100980	8042412	0.65	cps
Thallium	205-1	19136148	19090550	19322626	19183108	0.64	cps
Tin	118-1	6262303	6277843	6348673	6296273	0.73	cps
Titanium	47-1	9047798	9132678	9237082	9139186	1.04	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:09:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26632375	27062099	27328790	27007755	1.30	cps
Vanadium	51-2	2400730	2369785	2328921	2366479	1.52	cps
Yttrium	89-1	11890271	12150549	12155489	12065436	1.26	cps
Yttrium	89-2	2713973	2701616	2708838	2708143	0.23	cps
Zinc	66-2	4621407	4631661	4707393	4653487	1.01	cps
Zirconium	90-1	12538048	12971916	12721241	12743735	1.71	cps
Zirconium	91-1	2786952	2857536	2902487	2848992	2.04	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 12:12:23 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16036870	15906641	15935648	15959719	0.43	cps
Antimony	121-1	8226	8009	8146	8127	1.35	cps
Arsenic	75-2	207	213	177	199	9.82	cps
Barium	135-1	8376	7836	6828	7680	10.23	cps
Barium	137-1	14698	13793	11848	13446	10.83	cps
Beryllium	9-1	1207	1070	807	1028	19.78	cps
Bismuth	209-1	5403003	5218859	5209056	5276973	2.07	cps
Bismuth	209-2	3689510	3726909	3733610	3716676	0.64	cps
Bromine	81-1	9677	10330	10434	10147	4.05	cps
Bromine	81-2	357	290	263	303	15.85	cps
Cadmium	108-1	120	157	133	137	13.58	cps
Cadmium	106-1	4244	4497	4317	4353	3.00	cps
Cadmium	111-1	2999	2720	2729	2816	5.64	cps
Calcium	43-1	9717007	9764271	9624315	9701864	0.73	cps
Calcium	44-1	154431638	155437124	154122988	154663917	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14657	15084	14657	14800	1.67	cps
Cobalt	59-2	11962	11761	11908	11877	0.87	cps
Copper	63-2	11758	11101	10287	11049	6.67	cps
Dysprosium	156-1	1823	1660	1700	1728	4.93	cps
Dysprosium	156-2	980	1197	1090	1089	9.95	cps
Erbium	164-1	270	277	257	268	3.80	cps
Erbium	164-2	183	197	207	196	5.99	cps
Gadolinium	160-1	1820	1974	1830	1875	4.58	cps
Gadolinium	160-2	1443	1553	1567	1521	4.45	cps
Holmium	165-1	9885938	9646011	9495128	9675692	2.04	cps
Holmium	165-2	6042856	6020877	6018399	6027377	0.22	cps
Indium	115-1	6898257	6828544	6828331	6851711	0.59	cps
Indium	115-2	2099381	2094397	2101599	2098459	0.18	cps
Iron	56-2	538506019	536884112	541117272	538835801	0.40	cps
Iron	57-2	13509453	13444115	13415425	13456331	0.36	cps
Iron	54-2	29631560	29587855	29931819	29717078	0.63	cps
Krypton	83-1	217	137	153	169	24.99	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:12:23	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23724	21667	18970	21454	11.11	cps
Lead	207-1	20679	18836	16243	18586	11.99	cps
Lead	208-1	94144	85538	73958	84547	11.98	cps
Lithium	6-1	2250133	2241937	2221676	2237915	0.65	cps
Magnesium	24-2	151469784	152337778	150575738	151461100	0.58	cps
Manganese	55-2	12182	11585	11178	11648	4.34	cps
Molybdenum	94-1	15165	13763	11565	13497	13.44	cps
Molybdenum	95-1	19727	18679	15625	18010	11.83	cps
Molybdenum	96-1	26354	24895	20498	23915	12.75	cps
Molybdenum	97-1	12415	11294	9173	10961	15.02	cps
Molybdenum	98-1	32045	28434	21927	27469	18.67	cps
Neodymium	150-1	347	287	347	327	10.61	cps
Neodymium	150-2	153	140	153	149	5.17	cps
Nickel	60-2	4841	4791	4848	4826	0.64	cps
Phosphorus	31-2	377	370	363	370	1.80	cps
Potassium	39-2	74351814	75071249	74490699	74637921	0.51	cps
Rhodium	103-1	5908822	5756216	5698774	5787938	1.88	cps
Rhodium	103-2	3169030	3131818	3098149	3132999	1.13	cps
Scandium	45-1	4151255	4087575	4081017	4106616	0.94	cps
Scandium	45-2	330123	334196	331095	331804	0.64	cps
Selenium	82-1	880	931	922	911	3.02	cps
Selenium	77-2	77	53	67	66	17.86	cps
Selenium	78-2	297	247	187	243	22.63	cps
Silicon	28-1	854343	856421	830093	846952	1.73	cps
Silver	107-1	4687	4274	3494	4152	14.60	cps
Silver	109-1	4721	4047	3340	4036	17.10	cps
Sodium	23-2	242341256	243058883	244810990	243403710	0.52	cps
Strontium	86-1	26280	22875	17380	22178	20.25	cps
Strontium	88-1	231431	200421	151716	194523	20.66	cps
Sulfur	34-1	201581	210813	215883	209426	3.46	cps
Terbium	159-1	10181884	9951660	9806551	9980032	1.90	cps
Terbium	159-2	5939954	6001486	6029708	5990382	0.77	cps
Thallium	203-1	4998	4484	3711	4397	14.73	cps
Thallium	205-1	12059	10591	9023	10558	14.38	cps
Tin	118-1	6758	6235	5524	6172	10.03	cps
Titanium	47-1	4444	3931	3294	3889	14.82	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:12:23	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14742	13043	10818	12868	15.29	cps
Vanadium	51-2	720	770	763	751	3.61	cps
Yttrium	89-1	11436048	11320386	11467120	11407851	0.68	cps
Yttrium	89-2	2593453	2584226	2557001	2578226	0.74	cps
Zinc	66-2	5168	4878	5074	5040	2.94	cps
Zirconium	90-1	9990	9640	8382	9338	9.05	cps
Zirconium	91-1	2234	2197	1807	2079	11.38	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICV17	Instrumnet Name :	P7
Client Sample ID :	ICV17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:48:09	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94234	93468	92966	93556	0.68	cps
Antimony	121-1	1500722	1524752	1509943	1511806	0.80	cps
Arsenic	75-2	67218	66993	66561	66924	0.50	cps
Barium	135-1	204290	205537	205098	204975	0.31	cps
Barium	137-1	354906	356041	357588	356178	0.38	cps
Beryllium	9-1	196552	195950	196791	196431	0.22	cps
Bismuth	209-1	6340626	6332280	6535884	6402930	1.80	cps
Bismuth	209-2	4470334	4533311	4518202	4507283	0.73	cps
Bromine	81-1	8776	9246	9086	9036	2.65	cps
Bromine	81-2	77	40	97	71	40.42	cps
Cadmium	108-1	23653	23342	23249	23415	0.90	cps
Cadmium	106-1	39390	38474	38361	38742	1.46	cps
Cadmium	111-1	202576	203574	203091	203080	0.25	cps
Calcium	43-1	49109	49975	49159	49414	0.98	cps
Calcium	44-1	760119	761636	754623	758793	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	294953	291782	294121	293619	0.56	cps
Cobalt	59-2	449289	443962	445716	446322	0.61	cps
Copper	63-2	314259	309940	311155	311785	0.71	cps
Dysprosium	156-1	3	27	17	16	75.27	cps
Dysprosium	156-2	33	17	10	20	60.08	cps
Erbium	164-1	63	83	80	76	14.18	cps
Erbium	164-2	43	80	57	60	30.93	cps
Gadolinium	160-1	57	83	50	63	27.85	cps
Gadolinium	160-2	353	317	353	341	6.21	cps
Holmium	165-1	10588848	10376734	10594643	10520075	1.18	cps
Holmium	165-2	6404272	6591623	6532433	6509443	1.47	cps
Indium	115-1	7808796	7749062	7946200	7834686	1.29	cps
Indium	115-2	2363166	2319329	2327828	2336774	0.99	cps
Iron	56-2	4863055	4878282	4839855	4860398	0.40	cps
Iron	57-2	130356	130729	130911	130665	0.22	cps
Iron	54-2	301451	302443	302477	302124	0.19	cps
Krypton	83-1	143	157	127	142	10.57	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICV17	Instrumnet Name :	P7
Client Sample ID :	ICV17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:48:09	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1384882	1407970	1411457	1401436	1.03	cps
Lead	207-1	1180988	1187689	1199083	1189253	0.77	cps
Lead	208-1	5588800	5632167	5585803	5602257	0.46	cps
Lithium	6-1	2444956	2486484	2521154	2484198	1.54	cps
Magnesium	24-2	398289	394415	396440	396382	0.49	cps
Manganese	55-2	215291	214518	214616	214808	0.20	cps
Molybdenum	94-1	12882656	12914912	12910031	12902533	0.13	cps
Molybdenum	95-1	18561281	18538384	18298910	18466192	0.79	cps
Molybdenum	96-1	20207636	20474265	19969087	20216996	1.25	cps
Molybdenum	97-1	11529331	11556329	11502941	11529534	0.23	cps
Molybdenum	98-1	29620465	29705987	29966378	29764277	0.61	cps
Neodymium	150-1	27	30	27	28	6.92	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	116747	116723	114842	116104	0.94	cps
Phosphorus	31-2	363	347	347	352	2.73	cps
Potassium	39-2	738264	737282	736203	737250	0.14	cps
Rhodium	103-1	7083653	7067968	7178431	7110018	0.84	cps
Rhodium	103-2	3912324	3821108	3802563	3845332	1.53	cps
Scandium	45-1	4529885	4462338	4587413	4526545	1.38	cps
Scandium	45-2	362778	363208	363089	363025	0.06	cps
Selenium	82-1	25088	25812	25215	25371	1.52	cps
Selenium	77-2	2220	1990	2240	2150	6.46	cps
Selenium	78-2	7112	7379	7045	7178	2.46	cps
Silicon	28-1	3122368	3190108	3117808	3143428	1.29	cps
Silver	107-1	481268	487805	494114	487729	1.32	cps
Silver	109-1	459114	463905	464698	462572	0.65	cps
Sodium	23-2	1129729	1078726	1065380	1091279	3.11	cps
Strontium	86-1	1263409	1269228	1271746	1268128	0.34	cps
Strontium	88-1	10938004	10782852	10788657	10836504	0.81	cps
Sulfur	34-1	228605	220261	218168	222345	2.48	cps
Terbium	159-1	10843173	10693802	11109900	10882292	1.94	cps
Terbium	159-2	6466780	6529101	6491641	6495841	0.48	cps
Thallium	203-1	1695180	1725827	1707951	1709653	0.90	cps
Thallium	205-1	4124573	4246133	4181256	4183987	1.45	cps
Tin	118-1	3302686	3294615	3342858	3313387	0.78	cps
Titanium	47-1	4622423	4656568	4656469	4645153	0.42	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICV17	Instrumnet Name :	P7
Client Sample ID :	ICV17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:48:09	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13529816	13874549	13775866	13726744	1.29	cps
Vanadium	51-2	245750	242579	245366	244565	0.71	cps
Yttrium	89-1	12654183	12394150	12669327	12572553	1.23	cps
Yttrium	89-2	2792288	2789435	2747392	2776372	0.91	cps
Zinc	66-2	101253	100924	101294	101157	0.20	cps
Zirconium	90-1	6490787	6433478	6475086	6466451	0.46	cps
Zirconium	91-1	1468222	1468881	1434380	1457161	1.35	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:58:04	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4091	3817	3844	3917	3.85	cps
Antimony	121-1	15121	15005	15345	15157	1.14	cps
Arsenic	75-2	347	323	423	364	14.35	cps
Barium	135-1	19847	19744	19624	19738	0.57	cps
Barium	137-1	34906	34699	35214	34940	0.74	cps
Beryllium	9-1	2197	2230	2257	2228	1.35	cps
Bismuth	209-1	6441501	6491034	6469743	6467426	0.38	cps
Bismuth	209-2	4592293	4609275	4638766	4613445	0.51	cps
Bromine	81-1	9216	9820	9613	9550	3.21	cps
Bromine	81-2	67	107	90	88	22.89	cps
Cadmium	108-1	180	197	153	177	12.37	cps
Cadmium	106-1	4647	4614	4474	4579	2.01	cps
Cadmium	111-1	3422	3363	3318	3368	1.54	cps
Calcium	43-1	11918	11685	12135	11913	1.89	cps
Calcium	44-1	190503	191533	191407	191148	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7112	6698	6858	6889	3.03	cps
Cobalt	59-2	4807	4988	4587	4794	4.18	cps
Copper	63-2	11001	10991	10867	10953	0.68	cps
Dysprosium	156-1	17	13	3	11	62.48	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	93	53	73	73	27.27	cps
Erbium	164-2	37	40	43	40	8.32	cps
Gadolinium	160-1	47	63	53	54	15.40	cps
Gadolinium	160-2	307	303	340	317	6.40	cps
Holmium	165-1	10527180	10737559	10572530	10612423	1.04	cps
Holmium	165-2	6671707	6657924	6591528	6640386	0.65	cps
Indium	115-1	7971662	8008495	8051023	8010393	0.50	cps
Indium	115-2	2452449	2471486	2470969	2464968	0.44	cps
Iron	56-2	142272	139789	141118	141059	0.88	cps
Iron	57-2	4257	4161	4181	4200	1.22	cps
Iron	54-2	8646	8573	8619	8613	0.43	cps
Krypton	83-1	147	153	127	142	9.76	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:58:04	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6215	6355	6445	6338	1.83	cps
Lead	207-1	5645	5805	5678	5709	1.48	cps
Lead	208-1	25583	25636	25660	25626	0.15	cps
Lithium	6-1	2529725	2561685	2510676	2534029	1.02	cps
Magnesium	24-2	176169	176193	174969	175777	0.40	cps
Manganese	55-2	2197	2427	2270	2298	5.11	cps
Molybdenum	94-1	16066	16089	16099	16084	0.11	cps
Molybdenum	95-1	18672	19440	19156	19089	2.03	cps
Molybdenum	96-1	21095	21189	21052	21112	0.33	cps
Molybdenum	97-1	12125	12412	12616	12384	1.99	cps
Molybdenum	98-1	30976	30836	30335	30716	1.10	cps
Neodymium	150-1	10	7	17	11	45.82	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1240	1190	1237	1222	2.29	cps
Phosphorus	31-2	553	657	687	632	11.06	cps
Potassium	39-2	234770	231512	233738	233340	0.71	cps
Rhodium	103-1	7178046	7254594	7278508	7237049	0.73	cps
Rhodium	103-2	4024384	3993400	3945379	3987721	1.00	cps
Scandium	45-1	4627521	4700842	4719845	4682736	1.04	cps
Scandium	45-2	379624	377929	377724	378426	0.28	cps
Selenium	82-1	883	918	924	908	2.44	cps
Selenium	77-2	77	47	73	66	25.08	cps
Selenium	78-2	303	310	303	306	1.26	cps
Silicon	28-1	738630	745885	751908	745474	0.89	cps
Silver	107-1	9423	9590	9950	9654	2.79	cps
Silver	109-1	9050	9180	9336	9189	1.56	cps
Sodium	23-2	305913	307683	306113	306570	0.32	cps
Strontium	86-1	2774	2777	2857	2803	1.68	cps
Strontium	88-1	22090	21696	21913	21900	0.90	cps
Sulfur	34-1	254158	254996	256191	255115	0.40	cps
Terbium	159-1	10773379	10929078	10876596	10859684	0.73	cps
Terbium	159-2	6607101	6700478	6609673	6639084	0.80	cps
Thallium	203-1	7145	7389	7455	7330	2.23	cps
Thallium	205-1	17148	17788	17815	17584	2.15	cps
Tin	118-1	33415	32664	32357	32812	1.66	cps
Titanium	47-1	5268	5324	5281	5291	0.56	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 12:58:04	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22713	22643	22823	22726	0.40	cps
Vanadium	51-2	12419	12742	12729	12630	1.45	cps
Yttrium	89-1	12777524	12873249	12961899	12870891	0.72	cps
Yttrium	89-2	2918254	2850780	2865435	2878156	1.23	cps
Zinc	66-2	2654	2760	2817	2744	3.02	cps
Zirconium	90-1	13436	13763	13366	13522	1.57	cps
Zirconium	91-1	2810	2950	2924	2895	2.57	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : ICB17 Instrumnet Name : P7
 Client Sample ID : ICB17 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:01:20 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	163	120	130	22.79	cps
Antimony	121-1	173	220	303	232	28.36	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	23	20	23	22	8.65	cps
Barium	137-1	60	50	40	50	20.00	cps
Beryllium	9-1	100	153	137	130	20.99	cps
Bismuth	209-1	5675994	6407557	6427619	6170390	6.94	cps
Bismuth	209-2	4531938	4588151	4532916	4551002	0.71	cps
Bromine	81-1	9883	9803	9723	9803	0.82	cps
Bromine	81-2	110	133	140	128	12.33	cps
Cadmium	108-1	10	3	20	11	75.52	cps
Cadmium	106-1	4021	4341	4534	4298	6.03	cps
Cadmium	111-1	1203	1320	1356	1293	6.21	cps
Calcium	43-1	653	553	570	592	9.05	cps
Calcium	44-1	6548	6692	6692	6644	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080	1200	1203	1161	6.05	cps
Cobalt	59-2	70	90	60	73	20.83	cps
Copper	63-2	4841	4791	4454	4695	4.48	cps
Dysprosium	156-1	3	13	3	7	86.65	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	70	77	97	81	17.11	cps
Erbium	164-2	53	57	50	53	6.25	cps
Gadolinium	160-1	37	50	67	51	29.41	cps
Gadolinium	160-2	370	367	323	353	7.37	cps
Holmium	165-1	9360238	10193577	10497003	10016939	5.88	cps
Holmium	165-2	6529420	6500483	6625384	6551762	1.00	cps
Indium	115-1	7147891	7848485	7925546	7640640	5.61	cps
Indium	115-2	2438935	2416390	2468082	2441136	1.06	cps
Iron	56-2	6278	6271	6475	6341	1.82	cps
Iron	57-2	807	670	873	783	13.23	cps
Iron	54-2	1150	1163	1200	1171	2.21	cps
Krypton	83-1	200	160	140	167	18.33	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : ICB17 Instrumnet Name : P7
 Client Sample ID : ICB17 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:01:20 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	570	620	577	589	4.61	cps
Lead	207-1	497	633	583	571	12.11	cps
Lead	208-1	2590	2750	2570	2637	3.74	cps
Lithium	6-1	2296278	2538639	2537547	2457488	5.68	cps
Magnesium	24-2	407	470	440	439	7.22	cps
Manganese	55-2	67	77	83	76	11.10	cps
Molybdenum	94-1	307	320	363	330	8.98	cps
Molybdenum	95-1	300	233	243	259	13.89	cps
Molybdenum	96-1	340	307	293	313	7.67	cps
Molybdenum	97-1	180	183	143	169	13.14	cps
Molybdenum	98-1	383	353	417	384	8.24	cps
Neodymium	150-1	10	13	3	9	57.30	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	57	80	87	74	21.16	cps
Phosphorus	31-2	290	320	367	326	11.87	cps
Potassium	39-2	57692	57434	56150	57092	1.45	cps
Rhodium	103-1	6482263	7137797	7266455	6962172	6.04	cps
Rhodium	103-2	4000313	3939414	3989505	3976410	0.82	cps
Scandium	45-1	4175990	4625082	4661210	4487428	6.02	cps
Scandium	45-2	373214	372275	376158	373883	0.54	cps
Selenium	82-1	204	261	314	260	21.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	123	117	113	10.60	cps
Silicon	28-1	710681	707836	712444	710320	0.33	cps
Silver	107-1	200	193	183	192	4.36	cps
Silver	109-1	190	130	197	172	21.32	cps
Sodium	23-2	23872	23535	23501	23636	0.87	cps
Strontium	86-1	280	277	333	297	10.72	cps
Strontium	88-1	183	183	190	186	2.07	cps
Sulfur	34-1	261291	260617	262172	261360	0.30	cps
Terbium	159-1	9731180	10717123	10874267	10440857	5.93	cps
Terbium	159-2	6595290	6505968	6560721	6553993	0.69	cps
Thallium	203-1	157	210	190	186	14.52	cps
Thallium	205-1	430	447	507	461	8.74	cps
Tin	118-1	787	787	850	808	4.53	cps
Titanium	47-1	140	140	150	143	4.03	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICB17	Instrumnet Name :	P7
Client Sample ID :	ICB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:01:20	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97	107	107	103	5.59	cps
Vanadium	51-2	7	3	17	9	78.08	cps
Yttrium	89-1	11372210	12643098	12691791	12235700	6.11	cps
Yttrium	89-2	2827028	2862680	2866315	2852008	0.76	cps
Zinc	66-2	297	270	277	281	4.94	cps
Zirconium	90-1	473	590	563	542	11.27	cps
Zirconium	91-1	73	120	113	102	24.69	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSA17	Instrumnet Name :	P7
Client Sample ID :	ICSA17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:04:38	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15974854	15966356	15917603	15952937	0.19	cps
Antimony	121-1	7936	8156	8459	8184	3.21	cps
Arsenic	75-2	100	100	110	103	5.59	cps
Barium	135-1	2854	2747	2884	2828	2.54	cps
Barium	137-1	4778	4708	4788	4758	0.92	cps
Beryllium	9-1	647	640	507	598	13.21	cps
Bismuth	209-1	5925280	5835165	5906466	5888970	0.81	cps
Bismuth	209-2	4319614	4230018	4187499	4245710	1.59	cps
Bromine	81-1	9330	9130	9296	9252	1.16	cps
Bromine	81-2	207	190	167	188	10.70	cps
Cadmium	108-1	1410	1270	1407	1362	5.86	cps
Cadmium	106-1	4497	3941	4111	4183	6.82	cps
Cadmium	111-1	2092	1983	1725	1934	9.75	cps
Calcium	43-1	1959335	1957525	1954473	1957111	0.13	cps
Calcium	44-1	30687652	30983910	30619652	30763738	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54160	53561	53618	53780	0.61	cps
Cobalt	59-2	5061	5044	5244	5116	2.17	cps
Copper	63-2	29265	29399	29322	29329	0.23	cps
Dysprosium	156-1	40	33	37	37	9.10	cps
Dysprosium	156-2	33	13	17	21	50.75	cps
Erbium	164-1	123	147	87	119	25.44	cps
Erbium	164-2	63	47	83	64	28.48	cps
Gadolinium	160-1	77	73	110	87	23.40	cps
Gadolinium	160-2	353	320	350	341	5.38	cps
Holmium	165-1	10132251	10167689	10188582	10162841	0.28	cps
Holmium	165-2	6481706	6362867	6398496	6414356	0.95	cps
Indium	115-1	7212892	7161333	7246851	7207025	0.60	cps
Indium	115-2	2242996	2205759	2199888	2216214	1.05	cps
Iron	56-2	228351643	223842810	224353710	225516054	1.09	cps
Iron	57-2	5607981	5553867	5604516	5588788	0.54	cps
Iron	54-2	12547545	12531039	12388402	12488996	0.70	cps
Krypton	83-1	193	167	173	178	7.81	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSA17	Instrumnet Name :	P7
Client Sample ID :	ICSA17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:04:38	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	28944	28186	27895	28342	1.91	cps
Lead	207-1	23564	22315	22512	22797	2.95	cps
Lead	208-1	108456	106054	106051	106854	1.30	cps
Lithium	6-1	2359523	2344298	2326031	2343284	0.72	cps
Magnesium	24-2	29083377	29081777	28771289	28978814	0.62	cps
Manganese	55-2	16015	16062	15662	15913	1.38	cps
Molybdenum	94-1	3856284	3808699	3866013	3843665	0.80	cps
Molybdenum	95-1	6808209	6742371	6801588	6784056	0.53	cps
Molybdenum	96-1	7330584	7294543	7238431	7287852	0.64	cps
Molybdenum	97-1	4259062	4344535	4256764	4286787	1.17	cps
Molybdenum	98-1	10929859	11038422	10982399	10983560	0.49	cps
Neodymium	150-1	57	33	40	43	27.74	cps
Neodymium	150-2	20	27	20	22	17.33	cps
Nickel	60-2	5958	5588	5855	5800	3.29	cps
Phosphorus	31-2	857257	861364	859706	859443	0.24	cps
Potassium	39-2	29927085	29698544	30148610	29924746	0.75	cps
Rhodium	103-1	6322534	6263267	6234317	6273373	0.72	cps
Rhodium	103-2	3530528	3557880	3447312	3511907	1.64	cps
Scandium	45-1	4215874	4078242	4130164	4141427	1.68	cps
Scandium	45-2	349240	343135	338466	343614	1.57	cps
Selenium	82-1	173	188	204	188	8.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	137	83	117	24.91	cps
Silicon	28-1	759988	747268	749317	752191	0.91	cps
Silver	107-1	493	570	403	489	17.06	cps
Silver	109-1	460	427	477	454	5.60	cps
Sodium	23-2	49423186	49680583	49636331	49580033	0.28	cps
Strontium	86-1	78179	79221	77723	78375	0.98	cps
Strontium	88-1	683081	688150	687990	686407	0.42	cps
Sulfur	34-1	3314140	3331264	3282053	3309152	0.75	cps
Terbium	159-1	10537878	10275169	10494296	10435781	1.35	cps
Terbium	159-2	6471380	6469728	6293956	6411688	1.59	cps
Thallium	203-1	920	1060	1077	1019	8.45	cps
Thallium	205-1	2640	2937	2617	2731	6.53	cps
Tin	118-1	2577	2427	2147	2384	9.16	cps
Titanium	47-1	1832809	1846834	1852055	1843899	0.54	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSA17	Instrumnet Name :	P7
Client Sample ID :	ICSA17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:04:38	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	473	437	420	443	6.15	cps
Vanadium	51-2	437	463	367	422	11.82	cps
Yttrium	89-1	11801686	11595514	11720584	11705928	0.89	cps
Yttrium	89-2	2693139	2671898	2624182	2663073	1.33	cps
Zinc	66-2	5584	5314	5451	5450	2.48	cps
Zirconium	90-1	797	710	793	767	6.40	cps
Zirconium	91-1	160	143	173	159	9.46	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSAB17	Instrumnet Name :	P7
Client Sample ID :	ICSAB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:07:40	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16230818	16102617	16065195	16132877	0.54	cps
Antimony	121-1	149983	150100	149633	149905	0.16	cps
Arsenic	75-2	6195	6075	6278	6182	1.65	cps
Barium	135-1	40855	40644	40858	40786	0.30	cps
Barium	137-1	70015	72058	71073	71048	1.44	cps
Beryllium	9-1	37194	38030	36677	37300	1.83	cps
Bismuth	209-1	5892065	5683091	6207325	5927493	4.45	cps
Bismuth	209-2	4228270	4204981	4290227	4241159	1.04	cps
Bromine	81-1	8716	9226	9340	9094	3.65	cps
Bromine	81-2	127	130	147	134	7.97	cps
Cadmium	108-1	4171	4421	4297	4296	2.91	cps
Cadmium	106-1	8809	8879	9146	8945	1.99	cps
Cadmium	111-1	36841	37004	36689	36845	0.43	cps
Calcium	43-1	1977801	1976545	1959470	1971272	0.52	cps
Calcium	44-1	31209664	31008925	30974587	31064392	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107536	107929	107009	107492	0.43	cps
Cobalt	59-2	83333	84359	84221	83971	0.66	cps
Copper	63-2	84731	83736	84239	84235	0.59	cps
Dysprosium	156-1	60	50	37	49	23.94	cps
Dysprosium	156-2	23	33	13	23	42.86	cps
Erbium	164-1	117	60	120	99	34.10	cps
Erbium	164-2	60	57	60	59	3.26	cps
Gadolinium	160-1	103	67	70	80	25.35	cps
Gadolinium	160-2	307	410	327	348	15.76	cps
Holmium	165-1	10246877	9752955	10746480	10248771	4.85	cps
Holmium	165-2	6414204	6370397	6543394	6442665	1.40	cps
Indium	115-1	7186695	6831545	7546405	7188215	4.97	cps
Indium	115-2	2187656	2208520	2263263	2219813	1.76	cps
Iron	56-2	229239097	230472563	226106463	228606041	0.98	cps
Iron	57-2	5663460	5696566	5658951	5672992	0.36	cps
Iron	54-2	12716607	12869879	12537824	12708103	1.31	cps
Krypton	83-1	167	157	183	169	7.98	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : ICSAB17 Instrumnet Name : P7
 Client Sample ID : ICSAB17 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:07:40 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	171963	171797	171861	171874	0.05	cps
Lead	207-1	145821	147672	146119	146537	0.68	cps
Lead	208-1	670741	674018	667986	670915	0.45	cps
Lithium	6-1	2339959	2249651	2413136	2334248	3.51	cps
Magnesium	24-2	29554785	29422289	29263567	29413547	0.50	cps
Manganese	55-2	55455	54404	54030	54630	1.35	cps
Molybdenum	94-1	4273607	4327019	4248876	4283167	0.93	cps
Molybdenum	95-1	7011101	7144450	7086659	7080737	0.94	cps
Molybdenum	96-1	7533551	7670608	7657281	7620480	0.99	cps
Molybdenum	97-1	4439397	4507392	4464934	4470574	0.77	cps
Molybdenum	98-1	11319969	11657474	11329616	11435686	1.68	cps
Neodymium	150-1	60	43	37	47	25.75	cps
Neodymium	150-2	50	23	10	28	73.33	cps
Nickel	60-2	25956	25529	25792	25759	0.84	cps
Phosphorus	31-2	875654	867891	872734	872093	0.45	cps
Potassium	39-2	30312156	30436438	29708477	30152357	1.29	cps
Rhodium	103-1	6278496	6108766	6628746	6338669	4.18	cps
Rhodium	103-2	3488735	3475436	3555494	3506555	1.22	cps
Scandium	45-1	4216350	3920571	4345139	4160687	5.23	cps
Scandium	45-2	342803	343365	346273	344147	0.54	cps
Selenium	82-1	2436	2437	2329	2401	2.58	cps
Selenium	77-2	213	140	173	176	20.92	cps
Selenium	78-2	753	787	643	728	10.31	cps
Silicon	28-1	1188717	1194735	1167040	1183497	1.23	cps
Silver	107-1	166647	169587	170309	168848	1.15	cps
Silver	109-1	158907	160966	161114	160329	0.77	cps
Sodium	23-2	50977823	50522624	50510371	50670273	0.53	cps
Strontium	86-1	211171	211337	211192	211234	0.04	cps
Strontium	88-1	1806177	1832515	1828497	1822397	0.78	cps
Sulfur	34-1	3353627	3282335	3296719	3310894	1.14	cps
Terbium	159-1	10422718	10083643	11110595	10538985	4.96	cps
Terbium	159-2	6401136	6407538	6486158	6431611	0.74	cps
Thallium	203-1	162800	164409	164426	163878	0.57	cps
Thallium	205-1	387847	393579	387876	389768	0.85	cps
Tin	118-1	340141	345540	347060	344247	1.06	cps
Titanium	47-1	1922824	1935221	1889700	1915915	1.23	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	ICSAB17	Instrumnet Name :	P7
Client Sample ID :	ICSAB17	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:07:40	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1323425	1344891	1337124	1335147	0.81	cps
Vanadium	51-2	46251	45826	45044	45707	1.34	cps
Yttrium	89-1	11918164	11261307	12239166	11806213	4.22	cps
Yttrium	89-2	2639261	2661432	2671686	2657460	0.62	cps
Zinc	66-2	14464	14621	15034	14706	2.00	cps
Zirconium	90-1	689921	701532	690833	694095	0.93	cps
Zirconium	91-1	154284	155621	155544	155150	0.48	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:10:43	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8399936	8512353	8521232	8477840	0.80	cps
Antimony	121-1	3525306	3553486	3583470	3554087	0.82	cps
Arsenic	75-2	158480	158988	160746	159405	0.75	cps
Barium	135-1	4890529	4972871	4938895	4934098	0.84	cps
Barium	137-1	8342379	8519149	8578367	8479965	1.45	cps
Beryllium	9-1	899761	913990	920127	911293	1.15	cps
Bismuth	209-1	5753040	5894895	5846257	5831397	1.24	cps
Bismuth	209-2	4000337	4033407	3994697	4009480	0.52	cps
Bromine	81-1	9293	9530	9333	9385	1.35	cps
Bromine	81-2	143	200	177	173	16.43	cps
Cadmium	108-1	70524	70369	70691	70528	0.23	cps
Cadmium	106-1	102237	104032	103895	103388	0.97	cps
Cadmium	111-1	890495	907830	912123	903483	1.27	cps
Calcium	43-1	4995907	5174766	5168350	5113008	1.98	cps
Calcium	44-1	79497882	80216865	81508694	80407814	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1361005	1380802	1376903	1372903	0.76	cps
Cobalt	59-2	2052653	2076273	2084959	2071295	0.81	cps
Copper	63-2	13930244	14041479	14120462	14030728	0.68	cps
Dysprosium	156-1	943	1137	957	1012	10.67	cps
Dysprosium	156-2	890	707	710	769	13.64	cps
Erbium	164-1	273	243	227	248	9.54	cps
Erbium	164-2	110	150	173	144	22.18	cps
Gadolinium	160-1	1070	1143	1037	1083	5.04	cps
Gadolinium	160-2	983	990	960	978	1.61	cps
Holmium	165-1	10431807	10233190	10253073	10306023	1.06	cps
Holmium	165-2	6256820	6354861	6332938	6314873	0.81	cps
Indium	115-1	7058185	7097876	7093848	7083303	0.31	cps
Indium	115-2	2146531	2135265	2101851	2127882	1.09	cps
Iron	56-2	290647709	293399829	289899349	291315629	0.63	cps
Iron	57-2	7271061	7249102	7175653	7231939	0.69	cps
Iron	54-2	16043371	16155536	16003756	16067554	0.49	cps
Krypton	83-1	183	140	160	161	13.46	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:10:43	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15292711	15509059	15475323	15425697	0.75	cps
Lead	207-1	13619302	13674437	13772892	13688877	0.57	cps
Lead	208-1	61170978	61917520	62096708	61728402	0.80	cps
Lithium	6-1	2269836	2298303	2277839	2281993	0.64	cps
Magnesium	24-2	79591304	79634905	80356954	79861054	0.54	cps
Manganese	55-2	9733733	9812248	9689793	9745258	0.64	cps
Molybdenum	94-1	12703745	12947103	13047512	12899453	1.37	cps
Molybdenum	95-1	18293846	18642232	18767189	18567756	1.32	cps
Molybdenum	96-1	19860276	20467011	20467355	20264881	1.73	cps
Molybdenum	97-1	11414135	11610045	11783881	11602687	1.59	cps
Molybdenum	98-1	29632277	29938245	30091426	29887316	0.78	cps
Neodymium	150-1	533	590	580	568	5.33	cps
Neodymium	150-2	150	200	157	169	16.07	cps
Nickel	60-2	524841	524770	527319	525643	0.28	cps
Phosphorus	31-2	88182	87897	87799	87959	0.23	cps
Potassium	39-2	38366772	38359123	38506119	38410671	0.22	cps
Rhodium	103-1	6100589	6115555	6037550	6084565	0.68	cps
Rhodium	103-2	3378834	3404537	3344796	3376056	0.89	cps
Scandium	45-1	4151283	4151003	4197011	4166432	0.64	cps
Scandium	45-2	340677	339174	343538	341129	0.65	cps
Selenium	82-1	56454	57384	57418	57085	0.96	cps
Selenium	77-2	4637	4814	4807	4753	2.11	cps
Selenium	78-2	16019	16349	16099	16156	1.07	cps
Silicon	28-1	32596299	32788680	32887192	32757390	0.45	cps
Silver	107-1	4347342	4387250	4405417	4380003	0.68	cps
Silver	109-1	4162306	4162361	4188898	4171188	0.37	cps
Sodium	23-2	127484098	127958788	129314538	128252475	0.74	cps
Strontium	86-1	29025430	29469401	29681885	29392239	1.14	cps
Strontium	88-1	253215770	260674996	259442316	257777694	1.55	cps
Sulfur	34-1	517782	514555	515572	515970	0.32	cps
Terbium	159-1	10488700	10367683	10449062	10435148	0.59	cps
Terbium	159-2	6297148	6327717	6332205	6319024	0.30	cps
Thallium	203-1	3839303	3870829	3819167	3843100	0.68	cps
Thallium	205-1	8980915	9117269	9052078	9050087	0.75	cps
Tin	118-1	3020076	3032384	3084333	3045598	1.12	cps
Titanium	47-1	4468573	4510879	4554020	4511157	0.95	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:10:43	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12934797	13102888	13098550	13045412	0.73	cps
Vanadium	51-2	1214183	1194241	1195677	1201367	0.93	cps
Yttrium	89-1	11798849	11850086	11830915	11826617	0.22	cps
Yttrium	89-2	2633767	2618998	2613194	2621986	0.40	cps
Zinc	66-2	2315882	2315263	2347004	2326050	0.78	cps
Zirconium	90-1	6177740	6368841	6299591	6282057	1.54	cps
Zirconium	91-1	1405233	1396944	1444066	1415414	1.78	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:17:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	297	373	362	16.78	cps
Antimony	121-1	800	933	1013	916	11.77	cps
Arsenic	75-2	17	3	0	7	132.33	cps
Barium	135-1	47	33	120	67	70.01	cps
Barium	137-1	83	67	77	76	11.10	cps
Beryllium	9-1	197	150	130	159	21.53	cps
Bismuth	209-1	6400398	6613949	6526102	6513483	1.65	cps
Bismuth	209-2	4535934	4549794	4603240	4562989	0.78	cps
Bromine	81-1	9116	9466	9063	9215	2.38	cps
Bromine	81-2	140	150	110	133	15.61	cps
Cadmium	108-1	27	7	17	17	59.99	cps
Cadmium	106-1	4281	4431	4024	4245	4.85	cps
Cadmium	111-1	1299	1338	1226	1287	4.43	cps
Calcium	43-1	570	483	620	558	12.40	cps
Calcium	44-1	7038	7168	7095	7101	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997	1013	1090	1033	4.82	cps
Cobalt	59-2	80	107	83	90	16.15	cps
Copper	63-2	4951	5051	5231	5078	2.80	cps
Dysprosium	156-1	13	10	3	9	57.30	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	120	80	43	81	47.28	cps
Erbium	164-2	27	47	53	42	32.86	cps
Gadolinium	160-1	70	43	60	58	23.32	cps
Gadolinium	160-2	277	340	400	339	18.20	cps
Holmium	165-1	10262909	10739122	10605604	10535879	2.33	cps
Holmium	165-2	6473394	6504086	6578355	6518612	0.83	cps
Indium	115-1	7624242	8000331	7966368	7863647	2.65	cps
Indium	115-2	2387025	2389482	2382164	2386223	0.16	cps
Iron	56-2	12575	12445	14337	13119	8.05	cps
Iron	57-2	803	933	880	872	7.49	cps
Iron	54-2	1523	1387	1543	1485	5.74	cps
Krypton	83-1	160	167	140	156	8.92	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:17:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1047	1100	1003	1050	4.61	cps
Lead	207-1	980	923	940	948	3.07	cps
Lead	208-1	4554	4420	4357	4444	2.26	cps
Lithium	6-1	2419671	2470938	2472245	2454285	1.22	cps
Magnesium	24-2	1533	1767	2027	1776	13.90	cps
Manganese	55-2	220	243	260	241	8.34	cps
Molybdenum	94-1	437	573	600	537	16.33	cps
Molybdenum	95-1	510	400	493	468	12.67	cps
Molybdenum	96-1	457	487	557	500	10.26	cps
Molybdenum	97-1	313	243	317	291	14.22	cps
Molybdenum	98-1	657	647	707	670	4.80	cps
Neodymium	150-1	7	3	0	3	100.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	63	80	73	72	11.62	cps
Phosphorus	31-2	303	350	323	326	7.19	cps
Potassium	39-2	59412	59536	59251	59400	0.24	cps
Rhodium	103-1	6810583	7195713	7184484	7063594	3.10	cps
Rhodium	103-2	3919079	3917360	3911745	3916062	0.10	cps
Scandium	45-1	4336688	4517707	4487255	4447217	2.18	cps
Scandium	45-2	363701	361177	363976	362951	0.43	cps
Selenium	82-1	202	244	258	235	12.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	113	90	117	107	13.62	cps
Silicon	28-1	670398	666060	663147	666535	0.55	cps
Silver	107-1	237	260	260	252	5.34	cps
Silver	109-1	207	183	233	208	12.04	cps
Sodium	23-2	37141	37328	37235	37235	0.25	cps
Strontium	86-1	467	453	533	484	8.85	cps
Strontium	88-1	1963	1750	2304	2006	13.92	cps
Sulfur	34-1	212277	212304	211990	212190	0.08	cps
Terbium	159-1	10665411	11121936	11019169	10935506	2.19	cps
Terbium	159-2	6531579	6591835	6566279	6563231	0.46	cps
Thallium	203-1	503	483	547	511	6.33	cps
Thallium	205-1	1330	1130	1217	1226	8.18	cps
Tin	118-1	833	787	827	816	3.09	cps
Titanium	47-1	153	170	173	166	6.47	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:17:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	137	87	100	108	24.02	cps
Vanadium	51-2	17	43	33	31	43.29	cps
Yttrium	89-1	12230331	12634898	12478822	12448017	1.64	cps
Yttrium	89-2	2790006	2800944	2839857	2810269	0.93	cps
Zinc	66-2	343	250	257	283	18.38	cps
Zirconium	90-1	763	857	937	852	10.18	cps
Zirconium	91-1	123	157	253	178	37.98	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:22:00	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3844	4061	3787	3897	3.70	cps
Antimony	121-1	14951	15158	14858	14989	1.03	cps
Arsenic	75-2	380	363	360	368	2.91	cps
Barium	135-1	19710	19617	19624	19650	0.27	cps
Barium	137-1	34465	34505	34542	34504	0.11	cps
Beryllium	9-1	2074	2160	2110	2115	2.06	cps
Bismuth	209-1	6602586	6563647	6714721	6626985	1.18	cps
Bismuth	209-2	4583323	4788009	4719079	4696804	2.22	cps
Bromine	81-1	9727	9860	9843	9810	0.74	cps
Bromine	81-2	73	47	50	57	25.64	cps
Cadmium	108-1	140	120	177	146	19.75	cps
Cadmium	106-1	4771	4831	4861	4821	0.95	cps
Cadmium	111-1	3367	3335	3428	3377	1.40	cps
Calcium	43-1	11668	11508	11885	11687	1.62	cps
Calcium	44-1	184072	186056	187412	185847	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6922	6898	6838	6886	0.62	cps
Cobalt	59-2	4734	4554	4564	4617	2.19	cps
Copper	63-2	10761	11094	10807	10887	1.66	cps
Dysprosium	156-1	7	3	17	9	78.08	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	67	87	80	78	13.09	cps
Erbium	164-2	50	57	60	56	9.17	cps
Gadolinium	160-1	60	77	60	66	14.68	cps
Gadolinium	160-2	313	373	357	348	8.91	cps
Holmium	165-1	10683953	10642434	10997731	10774706	1.80	cps
Holmium	165-2	6595321	6736273	6706706	6679434	1.11	cps
Indium	115-1	8068515	8090254	8236934	8131901	1.13	cps
Indium	115-2	2436589	2465417	2451140	2451049	0.59	cps
Iron	56-2	140260	140162	138908	139777	0.54	cps
Iron	57-2	3897	4304	3961	4054	5.40	cps
Iron	54-2	8382	8616	8623	8540	1.60	cps
Krypton	83-1	163	183	157	168	8.27	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:22:00	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6588	6632	6778	6666	1.49	cps
Lead	207-1	5701	5835	5961	5832	2.23	cps
Lead	208-1	26734	26797	27017	26850	0.55	cps
Lithium	6-1	2548936	2487212	2533818	2523322	1.28	cps
Magnesium	24-2	173017	171828	172202	172349	0.35	cps
Manganese	55-2	2360	2194	2147	2234	5.02	cps
Molybdenum	94-1	14948	15508	15685	15380	2.50	cps
Molybdenum	95-1	18695	18916	18322	18644	1.61	cps
Molybdenum	96-1	20875	20611	20541	20676	0.85	cps
Molybdenum	97-1	11718	11782	11761	11754	0.28	cps
Molybdenum	98-1	29780	30569	30752	30367	1.70	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	1277	1270	1160	1236	5.30	cps
Phosphorus	31-2	507	657	650	604	14.02	cps
Potassium	39-2	228409	230232	230732	229791	0.53	cps
Rhodium	103-1	7330231	7329354	7355566	7338383	0.20	cps
Rhodium	103-2	3982347	4025665	4001979	4003330	0.54	cps
Scandium	45-1	4670978	4583265	4671511	4641918	1.09	cps
Scandium	45-2	369835	375113	378117	374355	1.12	cps
Selenium	82-1	853	846	801	833	3.36	cps
Selenium	77-2	63	50	40	51	22.90	cps
Selenium	78-2	297	363	310	323	10.91	cps
Silicon	28-1	719437	731040	726977	725818	0.81	cps
Silver	107-1	9120	9246	9723	9363	3.40	cps
Silver	109-1	8689	8973	9050	8904	2.13	cps
Sodium	23-2	307302	309331	309391	308675	0.39	cps
Strontium	86-1	2774	2764	2687	2741	1.73	cps
Strontium	88-1	22400	22410	22010	22274	1.03	cps
Sulfur	34-1	228932	230864	231988	230595	0.67	cps
Terbium	159-1	11128020	11183468	11112716	11141402	0.33	cps
Terbium	159-2	6592192	6737451	6743553	6691065	1.28	cps
Thallium	203-1	7489	7525	7559	7524	0.47	cps
Thallium	205-1	18439	18703	17915	18352	2.18	cps
Tin	118-1	32350	32437	33115	32634	1.28	cps
Titanium	47-1	5108	5211	4954	5091	2.54	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:22:00	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22886	23234	23614	23245	1.57	cps
Vanadium	51-2	12332	12322	11952	12202	1.78	cps
Yttrium	89-1	12969415	12968420	12989221	12975686	0.09	cps
Yttrium	89-2	2818469	2954330	2877140	2883313	2.36	cps
Zinc	66-2	2704	2694	2827	2741	2.71	cps
Zirconium	90-1	12993	13570	13376	13313	2.21	cps
Zirconium	91-1	2934	2920	3150	3001	4.30	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:25:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2914	2990	3100	3001	3.13	cps
Antimony	121-1	6175	6201	6121	6166	0.66	cps
Arsenic	75-2	257	260	270	262	2.65	cps
Barium	135-1	7512	7489	7495	7499	0.16	cps
Barium	137-1	13430	13286	13363	13360	0.54	cps
Beryllium	9-1	1480	1603	1467	1517	4.97	cps
Bismuth	209-1	6555052	6749415	6521107	6608525	1.86	cps
Bismuth	209-2	5037649	4834482	4725344	4865825	3.26	cps
Bromine	81-1	10067	9910	10097	10025	1.00	cps
Bromine	81-2	117	120	127	121	4.20	cps
Cadmium	108-1	93	143	100	112	24.20	cps
Cadmium	106-1	5188	4734	4604	4842	6.33	cps
Cadmium	111-1	3024	2873	2741	2880	4.92	cps
Calcium	43-1	2307	2294	2177	2259	3.17	cps
Calcium	44-1	33898	34613	34980	34497	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3324	3327	3370	3340	0.78	cps
Cobalt	59-2	3454	3404	3514	3457	1.59	cps
Copper	63-2	9620	9150	9266	9345	2.62	cps
Dysprosium	156-1	10	7	10	9	21.63	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	90	90	77	86	9.00	cps
Erbium	164-2	43	50	47	47	7.15	cps
Gadolinium	160-1	57	53	57	56	3.47	cps
Gadolinium	160-2	403	450	390	414	7.60	cps
Holmium	165-1	10768898	10882037	10704617	10785184	0.83	cps
Holmium	165-2	7243368	7025058	6767841	7012089	3.39	cps
Indium	115-1	8084341	8106377	8052657	8081125	0.33	cps
Indium	115-2	2706363	2580945	2489766	2592358	4.19	cps
Iron	56-2	109585	109209	107678	108824	0.93	cps
Iron	57-2	3244	3337	3207	3263	2.05	cps
Iron	54-2	6808	6838	7058	6902	1.98	cps
Krypton	83-1	173	140	160	158	10.64	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:25:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5338	5331	5314	5328	0.23	cps
Lead	207-1	4711	4684	4764	4720	0.86	cps
Lead	208-1	21584	21607	21564	21585	0.10	cps
Lithium	6-1	2546257	2543054	2476145	2521818	1.57	cps
Magnesium	24-2	26646	27281	26870	26933	1.19	cps
Manganese	55-2	3350	3494	3474	3439	2.26	cps
Molybdenum	94-1	5324	5141	5348	5271	2.15	cps
Molybdenum	95-1	3064	2947	2930	2980	2.44	cps
Molybdenum	96-1	3807	3851	3984	3881	2.37	cps
Molybdenum	97-1	1750	1817	1953	1840	5.63	cps
Molybdenum	98-1	4991	5068	4878	4979	1.92	cps
Neodymium	150-1	17	10	10	12	31.50	cps
Neodymium	150-2	13	10	0	8	89.21	cps
Nickel	60-2	827	900	920	882	5.57	cps
Phosphorus	31-2	460	457	583	500	14.44	cps
Potassium	39-2	72552	71825	71731	72036	0.62	cps
Rhodium	103-1	7403007	7450800	7328494	7394100	0.83	cps
Rhodium	103-2	4388303	4171692	4092073	4217356	3.64	cps
Scandium	45-1	4654820	4763891	4594812	4671174	1.84	cps
Scandium	45-2	411364	395756	381607	396242	3.76	cps
Selenium	82-1	381	409	349	380	8.01	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	167	170	140	159	10.35	cps
Silicon	28-1	699201	703608	699455	700755	0.35	cps
Silver	107-1	7472	7702	7405	7526	2.07	cps
Silver	109-1	7375	7209	7419	7334	1.51	cps
Sodium	23-2	74898	73511	72951	73787	1.36	cps
Strontium	86-1	2057	2400	2204	2220	7.76	cps
Strontium	88-1	16186	16356	16856	16466	2.12	cps
Sulfur	34-1	236688	237663	240158	238170	0.75	cps
Terbium	159-1	11172822	11326343	11159077	11219414	0.83	cps
Terbium	159-2	7340192	7051008	6826228	7072476	3.64	cps
Thallium	203-1	6241	6075	6045	6120	1.73	cps
Thallium	205-1	14177	14535	14791	14501	2.13	cps
Tin	118-1	5731	5661	5758	5717	0.87	cps
Titanium	47-1	873	893	943	903	3.99	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:25:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18576	18122	18109	18269	1.46	cps
Vanadium	51-2	2027	1960	2007	1998	1.71	cps
Yttrium	89-1	13154638	13087816	12980321	13074258	0.67	cps
Yttrium	89-2	3201485	3022684	2938582	3054250	4.40	cps
Zinc	66-2	1037	1097	1010	1048	4.24	cps
Zirconium	90-1	10060	10367	9870	10099	2.48	cps
Zirconium	91-1	2134	2274	2234	2214	3.26	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1907	1863	1807	1859	2.70	cps
Antimony	121-1	3691	3540	3657	3629	2.17	cps
Arsenic	75-2	150	133	163	149	10.09	cps
Barium	135-1	4261	4374	4331	4322	1.32	cps
Barium	137-1	7385	7882	7889	7719	3.74	cps
Beryllium	9-1	1103	990	957	1017	7.56	cps
Bismuth	209-1	6378940	6349699	6292550	6340397	0.69	cps
Bismuth	209-2	4683283	4673210	4560076	4638856	1.47	cps
Bromine	81-1	10447	9907	10394	10249	2.91	cps
Bromine	81-2	117	93	87	99	15.93	cps
Cadmium	108-1	60	107	70	79	31.15	cps
Cadmium	106-1	4621	4334	4634	4530	3.74	cps
Cadmium	111-1	2161	2172	2201	2178	0.96	cps
Calcium	43-1	5251	5554	5714	5507	4.28	cps
Calcium	44-1	83427	86350	85076	84951	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2417	2300	2520	2412	4.56	cps
Cobalt	59-2	2097	1980	2003	2027	3.05	cps
Copper	63-2	7322	7539	7275	7379	1.91	cps
Dysprosium	156-1	10	7	17	11	45.82	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	90	90	107	96	10.07	cps
Erbium	164-2	40	50	30	40	25.00	cps
Gadolinium	160-1	50	47	43	47	7.15	cps
Gadolinium	160-2	313	413	397	374	14.31	cps
Holmium	165-1	10643025	10497898	10372731	10504552	1.29	cps
Holmium	165-2	6729258	6719250	6794167	6747558	0.60	cps
Indium	115-1	8090906	7947278	7843492	7960559	1.56	cps
Indium	115-2	2515108	2485503	2498452	2499688	0.59	cps
Iron	56-2	97319	95615	97839	96924	1.20	cps
Iron	57-2	3064	2994	3224	3094	3.81	cps
Iron	54-2	6355	6448	6328	6377	0.99	cps
Krypton	83-1	183	143	137	154	16.34	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3330	3330	3374	3345	0.75	cps
Lead	207-1	3230	2994	3127	3117	3.81	cps
Lead	208-1	13960	13346	13569	13625	2.28	cps
Lithium	6-1	2493341	2499233	2438581	2477052	1.35	cps
Magnesium	24-2	74506	74191	74422	74373	0.22	cps
Manganese	55-2	2100	1843	2007	1983	6.55	cps
Molybdenum	94-1	3154	3304	3434	3297	4.25	cps
Molybdenum	95-1	1667	1737	1870	1758	5.88	cps
Molybdenum	96-1	2257	2260	2197	2238	1.59	cps
Molybdenum	97-1	1087	1073	1157	1106	4.05	cps
Molybdenum	98-1	2840	3047	2850	2913	4.00	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	593	600	573	589	2.36	cps
Phosphorus	31-2	407	467	410	428	7.88	cps
Potassium	39-2	105039	106224	106667	105977	0.79	cps
Rhodium	103-1	7295790	7229101	7123270	7216054	1.21	cps
Rhodium	103-2	4077511	4064580	4076686	4072925	0.18	cps
Scandium	45-1	4586642	4629455	4463865	4559987	1.88	cps
Scandium	45-2	382244	382546	385788	383526	0.51	cps
Selenium	82-1	596	622	603	607	2.25	cps
Selenium	77-2	7	27	33	22	62.43	cps
Selenium	78-2	243	230	210	228	7.37	cps
Silicon	28-1	709734	706503	715540	710592	0.64	cps
Silver	107-1	4331	4334	4641	4435	4.02	cps
Silver	109-1	4241	4274	4294	4270	0.63	cps
Sodium	23-2	146384	147067	147004	146818	0.26	cps
Strontium	86-1	1373	1227	1353	1318	6.04	cps
Strontium	88-1	10087	9673	9517	9759	3.02	cps
Sulfur	34-1	245919	245194	246354	245822	0.24	cps
Terbium	159-1	10919032	10812811	10642259	10791367	1.29	cps
Terbium	159-2	6753598	6720344	6775023	6749655	0.41	cps
Thallium	203-1	3581	3304	3747	3544	6.32	cps
Thallium	205-1	8489	8539	8419	8483	0.71	cps
Tin	118-1	3607	3811	3837	3752	3.35	cps
Titanium	47-1	543	513	563	540	4.66	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10498	10174	10291	10321	1.59	cps
Vanadium	51-2	1113	1140	1123	1126	1.20	cps
Yttrium	89-1	12865864	12832282	12423363	12707170	1.94	cps
Yttrium	89-2	2963231	2958699	2970257	2964062	0.20	cps
Zinc	66-2	753	690	760	734	5.26	cps
Zirconium	90-1	6075	6058	5921	6018	1.40	cps
Zirconium	91-1	1287	1370	1403	1353	4.44	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : O4699-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:31:50 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3000	3194	3110	3101	3.13	cps
Antimony	121-1	6065	6191	5955	6070	1.95	cps
Arsenic	75-2	290	233	247	257	11.54	cps
Barium	135-1	7736	7555	7846	7712	1.90	cps
Barium	137-1	13383	13233	13446	13354	0.82	cps
Beryllium	9-1	1640	1583	1593	1606	1.88	cps
Bismuth	209-1	6653700	6669268	6639049	6654006	0.23	cps
Bismuth	209-2	4716166	4726322	4745844	4729444	0.32	cps
Bromine	81-1	10571	11031	10327	10643	3.36	cps
Bromine	81-2	100	93	130	108	18.12	cps
Cadmium	108-1	97	100	140	112	21.49	cps
Cadmium	106-1	5134	4844	4891	4956	3.14	cps
Cadmium	111-1	2923	3013	3006	2981	1.69	cps
Calcium	43-1	2274	2420	2270	2321	3.69	cps
Calcium	44-1	34937	34573	35899	35136	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3267	3354	3540	3387	4.12	cps
Cobalt	59-2	3594	3707	3717	3673	1.87	cps
Copper	63-2	9153	9376	9393	9307	1.44	cps
Dysprosium	156-1	3	7	7	6	34.70	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	93	60	70	74	22.98	cps
Erbium	164-2	50	67	93	70	31.23	cps
Gadolinium	160-1	63	57	73	64	13.01	cps
Gadolinium	160-2	320	357	327	334	5.84	cps
Holmium	165-1	10995405	10923042	10773416	10897287	1.04	cps
Holmium	165-2	6808446	6782120	6693096	6761220	0.89	cps
Indium	115-1	8297326	8289643	8290536	8292502	0.05	cps
Indium	115-2	2544590	2531370	2524983	2533648	0.39	cps
Iron	56-2	113067	112584	111664	112438	0.63	cps
Iron	57-2	3207	3190	3277	3225	1.43	cps
Iron	54-2	6898	7232	7082	7071	2.36	cps
Krypton	83-1	197	183	197	192	4.00	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5268	5341	5341	5317	0.80	cps
Lead	207-1	4781	4724	4704	4736	0.84	cps
Lead	208-1	21477	21417	21400	21431	0.19	cps
Lithium	6-1	2522226	2556928	2518347	2532500	0.84	cps
Magnesium	24-2	27912	27648	27865	27809	0.51	cps
Manganese	55-2	3350	3264	3480	3365	3.24	cps
Molybdenum	94-1	5391	5588	5604	5528	2.15	cps
Molybdenum	95-1	2970	3080	2950	3000	2.33	cps
Molybdenum	96-1	4084	4004	3787	3958	3.88	cps
Molybdenum	97-1	1903	1953	1880	1912	1.96	cps
Molybdenum	98-1	4881	5011	4871	4921	1.59	cps
Neodymium	150-1	10	7	20	12	56.76	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	1037	1030	960	1009	4.21	cps
Phosphorus	31-2	483	547	510	513	6.19	cps
Potassium	39-2	73144	74226	72810	73393	1.01	cps
Rhodium	103-1	7552982	7701974	7595090	7616682	1.01	cps
Rhodium	103-2	4092038	4091213	4069107	4084119	0.32	cps
Scandium	45-1	4819429	4843098	4827697	4830075	0.25	cps
Scandium	45-2	384908	383375	383184	383823	0.25	cps
Selenium	82-1	311	381	338	343	10.30	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	197	157	133	162	19.74	cps
Silicon	28-1	725705	718702	714650	719686	0.78	cps
Silver	107-1	7909	7722	7785	7806	1.22	cps
Silver	109-1	7325	7392	7302	7340	0.64	cps
Sodium	23-2	72891	72684	72965	72847	0.20	cps
Strontium	86-1	2230	2084	2300	2205	5.02	cps
Strontium	88-1	16690	16783	17210	16894	1.64	cps
Sulfur	34-1	254058	253472	252550	253360	0.30	cps
Terbium	159-1	11252061	11134498	11267157	11217905	0.65	cps
Terbium	159-2	6832913	6858393	6749656	6813654	0.83	cps
Thallium	203-1	5805	6005	5925	5911	1.70	cps
Thallium	205-1	14254	14014	14304	14191	1.09	cps
Tin	118-1	5771	5878	5925	5858	1.34	cps
Titanium	47-1	943	937	887	922	3.36	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17922	18486	18460	18289	1.74	cps
Vanadium	51-2	1980	1930	1953	1955	1.28	cps
Yttrium	89-1	13405705	13454366	13300361	13386811	0.59	cps
Yttrium	89-2	2949048	2966866	2956726	2957547	0.30	cps
Zinc	66-2	1127	1073	1003	1068	5.79	cps
Zirconium	90-1	10487	10020	10324	10277	2.31	cps
Zirconium	91-1	2250	2204	2427	2294	5.14	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1953	1967	1903	1941	1.72	cps
Antimony	121-1	3414	3420	3517	3450	1.68	cps
Arsenic	75-2	137	173	167	159	12.29	cps
Barium	135-1	4631	4624	4311	4522	4.05	cps
Barium	137-1	7739	7802	7662	7734	0.91	cps
Beryllium	9-1	970	990	937	966	2.79	cps
Bismuth	209-1	6496216	6717073	6583377	6598888	1.69	cps
Bismuth	209-2	4661430	4676331	4769590	4702450	1.25	cps
Bromine	81-1	10717	10827	10854	10800	0.67	cps
Bromine	81-2	87	103	80	90	13.36	cps
Cadmium	108-1	80	77	77	78	2.47	cps
Cadmium	106-1	5044	5108	5024	5059	0.86	cps
Cadmium	111-1	2407	2409	2437	2418	0.69	cps
Calcium	43-1	5654	5584	5698	5646	1.01	cps
Calcium	44-1	86206	85623	87302	86377	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2414	2450	2350	2405	2.10	cps
Cobalt	59-2	2090	2037	2184	2104	3.53	cps
Copper	63-2	7275	7018	7152	7148	1.80	cps
Dysprosium	156-1	3	3	10	6	69.34	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	110	87	57	84	31.66	cps
Erbium	164-2	43	67	50	53	22.54	cps
Gadolinium	160-1	40	37	60	46	27.70	cps
Gadolinium	160-2	393	347	363	368	6.43	cps
Holmium	165-1	10694400	11104521	11011304	10936742	1.97	cps
Holmium	165-2	6699443	6747730	6888720	6778631	1.45	cps
Indium	115-1	8308075	8395119	8307284	8336826	0.61	cps
Indium	115-2	2514049	2520997	2517787	2517611	0.14	cps
Iron	56-2	97252	96648	97181	97027	0.34	cps
Iron	57-2	3190	3264	3060	3171	3.25	cps
Iron	54-2	6138	6381	6038	6186	2.86	cps
Krypton	83-1	153	143	197	164	17.24	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3270	3354	3287	3304	1.33	cps
Lead	207-1	2917	3034	2737	2896	5.16	cps
Lead	208-1	13186	13239	13203	13209	0.21	cps
Lithium	6-1	2527625	2563324	2546996	2545982	0.70	cps
Magnesium	24-2	74064	74499	75172	74578	0.75	cps
Manganese	55-2	2054	1893	1977	1975	4.05	cps
Molybdenum	94-1	3130	3437	3354	3307	4.80	cps
Molybdenum	95-1	1740	1760	1820	1773	2.35	cps
Molybdenum	96-1	2330	2197	2320	2282	3.25	cps
Molybdenum	97-1	933	1063	1043	1013	6.91	cps
Molybdenum	98-1	2877	2784	2897	2853	2.12	cps
Neodymium	150-1	10	10	17	12	31.50	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	573	573	603	583	2.97	cps
Phosphorus	31-2	407	317	400	374	13.39	cps
Potassium	39-2	107164	107137	107455	107252	0.16	cps
Rhodium	103-1	7634391	7615127	7638970	7629496	0.17	cps
Rhodium	103-2	4100547	4130812	4166113	4132491	0.79	cps
Scandium	45-1	4866642	4939248	4934343	4913411	0.83	cps
Scandium	45-2	388660	386748	386927	387445	0.27	cps
Selenium	82-1	655	618	590	621	5.29	cps
Selenium	77-2	27	23	37	29	24.03	cps
Selenium	78-2	270	260	220	250	10.58	cps
Silicon	28-1	717150	720366	730854	722790	0.99	cps
Silver	107-1	4391	4754	4571	4572	3.98	cps
Silver	109-1	4124	4194	4287	4202	1.95	cps
Sodium	23-2	145812	145537	145203	145517	0.21	cps
Strontium	86-1	1480	1293	1217	1330	10.18	cps
Strontium	88-1	9403	9783	10003	9730	3.12	cps
Sulfur	34-1	259366	259793	261788	260315	0.50	cps
Terbium	159-1	11127250	11444149	11232420	11267940	1.43	cps
Terbium	159-2	6824932	6784430	6904734	6838032	0.90	cps
Thallium	203-1	3530	3584	3377	3497	3.07	cps
Thallium	205-1	8243	8072	8223	8179	1.14	cps
Tin	118-1	3467	3911	3644	3674	6.08	cps
Titanium	47-1	560	530	613	568	7.43	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10384	10264	10664	10438	1.97	cps
Vanadium	51-2	1190	1120	1187	1166	3.39	cps
Yttrium	89-1	13365537	13523862	13442759	13444053	0.59	cps
Yttrium	89-2	2962139	2960036	2968643	2963606	0.15	cps
Zinc	66-2	780	660	730	723	8.33	cps
Zirconium	90-1	6335	6018	6001	6118	3.07	cps
Zirconium	91-1	1310	1290	1263	1288	1.82	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:39:15	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3214	3227	2950	3130	4.99	cps
Antimony	121-1	5658	6168	6288	6038	5.54	cps
Arsenic	75-2	353	260	270	294	17.40	cps
Barium	135-1	7849	7799	7789	7812	0.41	cps
Barium	137-1	13313	15304	13466	14028	7.90	cps
Beryllium	9-1	1693	1610	1560	1621	4.16	cps
Bismuth	209-1	6469431	6480961	6576280	6508890	0.90	cps
Bismuth	209-2	4667278	4647611	4689838	4668243	0.45	cps
Bromine	81-1	11234	10490	11024	10916	3.51	cps
Bromine	81-2	107	87	127	107	18.75	cps
Cadmium	108-1	133	143	163	147	10.41	cps
Cadmium	106-1	4898	4767	5251	4972	5.03	cps
Cadmium	111-1	2939	2960	3034	2978	1.68	cps
Calcium	43-1	2534	2330	2427	2430	4.19	cps
Calcium	44-1	35361	37066	35562	35996	2.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3437	3594	3520	3517	2.23	cps
Cobalt	59-2	3604	3557	3851	3670	4.30	cps
Copper	63-2	9313	9476	9386	9392	0.87	cps
Dysprosium	156-1	13	13	3	10	57.75	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	73	80	73	76	5.10	cps
Erbium	164-2	47	53	50	50	6.66	cps
Gadolinium	160-1	70	47	30	49	41.10	cps
Gadolinium	160-2	337	330	380	349	7.78	cps
Holmium	165-1	10740399	10854357	11005089	10866615	1.22	cps
Holmium	165-2	6825926	6839499	6741134	6802187	0.78	cps
Indium	115-1	8198198	8361888	8436461	8332183	1.46	cps
Indium	115-2	2552524	2541563	2522376	2538821	0.60	cps
Iron	56-2	114055	114814	114175	114348	0.36	cps
Iron	57-2	3394	3330	3347	3357	0.98	cps
Iron	54-2	7205	7349	7452	7335	1.69	cps
Krypton	83-1	190	147	167	168	12.93	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : O4699-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:39:15 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5244	5575	5361	5394	3.11	cps
Lead	207-1	4537	5128	4654	4773	6.55	cps
Lead	208-1	20866	22773	21534	21724	4.45	cps
Lithium	6-1	2542936	2546675	2588920	2559510	1.00	cps
Magnesium	24-2	28303	28370	27568	28080	1.58	cps
Manganese	55-2	3524	3520	3767	3604	3.93	cps
Molybdenum	94-1	5321	5898	5651	5623	5.15	cps
Molybdenum	95-1	2974	3044	3084	3034	1.84	cps
Molybdenum	96-1	3884	3944	4001	3943	1.48	cps
Molybdenum	97-1	1907	1950	2057	1971	3.92	cps
Molybdenum	98-1	4784	4984	4914	4894	2.07	cps
Neodymium	150-1	7	13	3	8	65.47	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	987	1143	993	1041	8.51	cps
Phosphorus	31-2	517	590	457	521	12.81	cps
Potassium	39-2	73825	74042	74387	74085	0.38	cps
Rhodium	103-1	7616425	7520577	7773733	7636911	1.67	cps
Rhodium	103-2	4166481	4153112	4117285	4145626	0.61	cps
Scandium	45-1	4817088	4882744	4969294	4889709	1.56	cps
Scandium	45-2	397977	392992	391350	394106	0.88	cps
Selenium	82-1	298	411	315	341	17.96	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	147	133	127	136	7.51	cps
Silicon	28-1	726099	727610	736063	729924	0.74	cps
Silver	107-1	7569	7695	8453	7906	6.05	cps
Silver	109-1	7325	7529	7762	7539	2.90	cps
Sodium	23-2	72094	70999	70648	71247	1.06	cps
Strontium	86-1	2294	2190	2424	2302	5.08	cps
Strontium	88-1	16556	18352	17304	17404	5.18	cps
Sulfur	34-1	263448	262983	265657	264029	0.54	cps
Terbium	159-1	11231144	11236814	11274499	11247486	0.21	cps
Terbium	159-2	6816220	6760602	6863369	6813397	0.76	cps
Thallium	203-1	6041	6442	6201	6228	3.24	cps
Thallium	205-1	13754	15002	14228	14328	4.40	cps
Tin	118-1	5598	5451	5731	5593	2.50	cps
Titanium	47-1	863	950	1043	952	9.45	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:39:15	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17575	17845	18373	17931	2.26	cps
Vanadium	51-2	2060	2130	1987	2059	3.48	cps
Yttrium	89-1	13237810	13342681	13520112	13366868	1.07	cps
Yttrium	89-2	3014240	3021788	3015234	3017087	0.14	cps
Zinc	66-2	1227	1067	1167	1153	7.01	cps
Zirconium	90-1	9900	10354	10297	10184	2.43	cps
Zirconium	91-1	2204	2157	2290	2217	3.05	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : O4699-12 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:45:51 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1933	2064	1873	1957	4.96	cps
Antimony	121-1	3554	3527	3534	3538	0.39	cps
Arsenic	75-2	157	143	197	166	16.76	cps
Barium	135-1	4287	4341	4581	4403	3.55	cps
Barium	137-1	8026	7719	7672	7806	2.46	cps
Beryllium	9-1	950	960	1140	1017	10.52	cps
Bismuth	209-1	6646749	6556446	6528870	6577355	0.94	cps
Bismuth	209-2	4904410	4648527	4641617	4731518	3.17	cps
Bromine	81-1	10547	10654	10564	10588	0.54	cps
Bromine	81-2	113	80	107	100	17.64	cps
Cadmium	108-1	93	67	110	90	24.28	cps
Cadmium	106-1	5054	5074	4958	5029	1.24	cps
Cadmium	111-1	2311	2476	2457	2415	3.73	cps
Calcium	43-1	5441	5815	5718	5658	3.43	cps
Calcium	44-1	87517	88268	88496	88094	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2380	2540	2487	2469	3.30	cps
Cobalt	59-2	2117	2140	2060	2106	1.95	cps
Copper	63-2	7185	7095	7228	7170	0.95	cps
Dysprosium	156-1	10	0	17	9	94.38	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	100	90	73	88	15.35	cps
Erbium	164-2	67	67	53	62	12.38	cps
Gadolinium	160-1	43	80	33	52	47.06	cps
Gadolinium	160-2	390	313	320	341	12.45	cps
Holmium	165-1	11060219	11006767	10946012	11004333	0.52	cps
Holmium	165-2	7050241	6691742	6752248	6831410	2.81	cps
Indium	115-1	8477081	8374466	8299713	8383753	1.06	cps
Indium	115-2	2593010	2531579	2516785	2547125	1.59	cps
Iron	56-2	97671	97238	97892	97601	0.34	cps
Iron	57-2	3320	3234	3147	3234	2.68	cps
Iron	54-2	6125	6405	6425	6318	2.66	cps
Krypton	83-1	133	160	153	149	9.32	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:45:51	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3114	3230	3297	3214	2.89	cps
Lead	207-1	2887	2780	2744	2804	2.66	cps
Lead	208-1	12669	12906	13099	12891	1.67	cps
Lithium	6-1	2611387	2623644	2568553	2601195	1.11	cps
Magnesium	24-2	75400	74559	75849	75270	0.87	cps
Manganese	55-2	2037	1953	2017	2002	2.17	cps
Molybdenum	94-1	3160	3260	3390	3270	3.53	cps
Molybdenum	95-1	1733	1793	1703	1743	2.63	cps
Molybdenum	96-1	2337	2197	2240	2258	3.17	cps
Molybdenum	97-1	1197	1070	1100	1122	5.90	cps
Molybdenum	98-1	2724	3014	2860	2866	5.06	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	613	620	667	633	4.59	cps
Phosphorus	31-2	430	480	443	451	5.74	cps
Potassium	39-2	109141	108523	109785	109150	0.58	cps
Rhodium	103-1	7666586	7797419	7783839	7749281	0.93	cps
Rhodium	103-2	4247416	4025963	4110039	4127806	2.71	cps
Scandium	45-1	5029064	4971298	4986574	4995645	0.60	cps
Scandium	45-2	397087	386537	386896	390174	1.54	cps
Selenium	82-1	649	612	678	646	5.12	cps
Selenium	77-2	43	30	23	32	31.61	cps
Selenium	78-2	243	190	260	231	15.82	cps
Silicon	28-1	747632	757977	753199	752936	0.69	cps
Silver	107-1	4557	4617	4854	4676	3.36	cps
Silver	109-1	4274	4001	4251	4175	3.63	cps
Sodium	23-2	146552	145762	144504	145606	0.71	cps
Strontium	86-1	1573	1450	1530	1518	4.12	cps
Strontium	88-1	9820	9853	10104	9926	1.56	cps
Sulfur	34-1	272350	271166	274714	272743	0.66	cps
Terbium	159-1	11450252	11330042	11388889	11389727	0.53	cps
Terbium	159-2	6941143	6585263	6803301	6776569	2.65	cps
Thallium	203-1	3450	3454	3210	3372	4.14	cps
Thallium	205-1	7892	8459	8229	8194	3.48	cps
Tin	118-1	3594	3540	3714	3616	2.46	cps
Titanium	47-1	570	540	647	586	9.39	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:45:51	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10194	10458	10347	10333	1.28	cps
Vanadium	51-2	1203	1207	977	1129	11.68	cps
Yttrium	89-1	13718752	13487916	13632841	13613170	0.86	cps
Yttrium	89-2	3093125	2941125	2988205	3007485	2.59	cps
Zinc	66-2	767	757	703	742	4.59	cps
Zirconium	90-1	6178	6271	6365	6271	1.49	cps
Zirconium	91-1	1337	1313	1543	1398	9.06	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:49:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2110	2020	1850	1993	6.62	cps
Antimony	121-1	3584	3524	3797	3635	3.95	cps
Arsenic	75-2	117	180	233	177	33.06	cps
Barium	135-1	4331	4734	4437	4501	4.65	cps
Barium	137-1	7402	7659	7736	7599	2.30	cps
Beryllium	9-1	997	1000	1093	1030	5.33	cps
Bismuth	209-1	6553907	6548746	6838948	6647200	2.50	cps
Bismuth	209-2	4602303	4670421	4664656	4645793	0.81	cps
Bromine	81-1	10621	10177	10444	10414	2.14	cps
Bromine	81-2	107	113	77	99	19.75	cps
Cadmium	108-1	83	80	93	86	8.11	cps
Cadmium	106-1	5008	4768	5231	5002	4.63	cps
Cadmium	111-1	2297	2448	2384	2376	3.18	cps
Calcium	43-1	5651	5628	5668	5649	0.36	cps
Calcium	44-1	86089	88603	88784	87826	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2667	2474	2407	2516	5.37	cps
Cobalt	59-2	2124	2140	2217	2160	2.30	cps
Copper	63-2	7405	7375	7158	7313	1.84	cps
Dysprosium	156-1	13	7	3	8	65.47	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	73	97	77	82	15.35	cps
Erbium	164-2	80	57	60	66	19.25	cps
Gadolinium	160-1	53	47	73	58	24.02	cps
Gadolinium	160-2	400	393	363	386	5.07	cps
Holmium	165-1	10771777	10831063	11353923	10985587	2.92	cps
Holmium	165-2	6720051	6843102	6893028	6818727	1.31	cps
Indium	115-1	8353323	8430349	8745007	8509560	2.44	cps
Indium	115-2	2491349	2532139	2546348	2523279	1.13	cps
Iron	56-2	99060	100278	97450	98929	1.43	cps
Iron	57-2	2984	3404	3364	3250	7.13	cps
Iron	54-2	6115	6525	6325	6321	3.24	cps
Krypton	83-1	120	220	163	168	29.89	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:49:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3274	3210	3190	3225	1.35	cps
Lead	207-1	2637	2864	3010	2837	6.63	cps
Lead	208-1	12476	13006	12973	12818	2.32	cps
Lithium	6-1	2579106	2586113	2632590	2599270	1.12	cps
Magnesium	24-2	75357	75651	75364	75457	0.22	cps
Manganese	55-2	2134	2027	2184	2115	3.78	cps
Molybdenum	94-1	3197	3174	3397	3256	3.77	cps
Molybdenum	95-1	1810	1813	1670	1765	4.64	cps
Molybdenum	96-1	2347	2127	2270	2248	4.97	cps
Molybdenum	97-1	1137	1123	1070	1110	3.18	cps
Molybdenum	98-1	2804	2917	2697	2806	3.92	cps
Neodymium	150-1	20	13	10	14	35.26	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	640	593	637	623	4.18	cps
Phosphorus	31-2	370	333	397	367	8.67	cps
Potassium	39-2	108409	108490	109517	108805	0.57	cps
Rhodium	103-1	7688202	7788629	8106351	7861061	2.78	cps
Rhodium	103-2	4107846	4106705	4120320	4111624	0.18	cps
Scandium	45-1	4875008	5030395	5245496	5050300	3.68	cps
Scandium	45-2	389028	392024	390180	390410	0.39	cps
Selenium	82-1	649	634	687	657	4.16	cps
Selenium	77-2	30	43	27	33	26.45	cps
Selenium	78-2	197	260	237	231	13.86	cps
Silicon	28-1	752895	751635	755156	753229	0.24	cps
Silver	107-1	4621	4601	4531	4584	1.03	cps
Silver	109-1	4354	4414	4397	4388	0.71	cps
Sodium	23-2	146025	145449	144386	145287	0.57	cps
Strontium	86-1	1377	1353	1330	1353	1.72	cps
Strontium	88-1	9813	10043	9557	9804	2.48	cps
Sulfur	34-1	276063	275732	276208	276001	0.09	cps
Terbium	159-1	11243911	11324559	11963108	11510526	3.42	cps
Terbium	159-2	6707839	6782778	6784036	6758218	0.65	cps
Thallium	203-1	3444	3624	3517	3528	2.57	cps
Thallium	205-1	8129	7589	7839	7852	3.44	cps
Tin	118-1	3637	3664	3584	3628	1.12	cps
Titanium	47-1	563	610	540	571	6.24	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:49:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10217	10538	10194	10316	1.86	cps
Vanadium	51-2	1070	1067	1157	1098	4.65	cps
Yttrium	89-1	13308969	13554184	13998266	13620473	2.57	cps
Yttrium	89-2	2990798	2970616	2989885	2983766	0.38	cps
Zinc	66-2	810	830	767	802	4.04	cps
Zirconium	90-1	6091	5858	6155	6035	2.59	cps
Zirconium	91-1	1327	1297	1467	1363	6.66	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:52:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1783	1977	1810	1857	5.64	cps
Antimony	121-1	3631	3467	3477	3525	2.60	cps
Arsenic	75-2	190	123	160	158	21.16	cps
Barium	135-1	4627	4387	4497	4504	2.67	cps
Barium	137-1	7619	7679	7732	7677	0.74	cps
Beryllium	9-1	950	960	970	960	1.04	cps
Bismuth	209-1	6063389	6582607	6487308	6377768	4.33	cps
Bismuth	209-2	4737831	4670712	4689838	4699461	0.74	cps
Bromine	81-1	10510	10954	10220	10562	3.50	cps
Bromine	81-2	90	80	103	91	12.85	cps
Cadmium	108-1	100	97	73	90	16.15	cps
Cadmium	106-1	4811	4858	4988	4885	1.87	cps
Cadmium	111-1	2267	2330	2378	2325	2.41	cps
Calcium	43-1	5621	5608	5761	5663	1.50	cps
Calcium	44-1	88043	88184	87816	88014	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2430	2434	2674	2512	5.55	cps
Cobalt	59-2	2297	2130	2017	2148	6.56	cps
Copper	63-2	7155	7225	7198	7193	0.49	cps
Dysprosium	156-1	7	10	10	9	21.63	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	103	70	70	81	23.72	cps
Erbium	164-2	40	43	33	39	13.09	cps
Gadolinium	160-1	43	57	73	58	26.01	cps
Gadolinium	160-2	390	353	403	382	6.77	cps
Holmium	165-1	10116658	10867302	10943592	10642517	4.29	cps
Holmium	165-2	6800344	6798991	6796588	6798641	0.03	cps
Indium	115-1	7836836	8460464	8317764	8205022	3.98	cps
Indium	115-2	2553830	2511261	2565449	2543513	1.12	cps
Iron	56-2	98325	98869	97644	98280	0.62	cps
Iron	57-2	3150	3057	3097	3101	1.51	cps
Iron	54-2	6351	6165	6281	6266	1.51	cps
Krypton	83-1	157	140	180	159	12.65	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:52:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3317	3214	3087	3206	3.59	cps
Lead	207-1	2837	2970	2887	2898	2.32	cps
Lead	208-1	13069	12902	12833	12935	0.94	cps
Lithium	6-1	2425360	2624576	2598756	2549564	4.25	cps
Magnesium	24-2	74549	75467	76097	75371	1.03	cps
Manganese	55-2	2080	2157	2130	2122	1.83	cps
Molybdenum	94-1	3150	3037	3377	3188	5.43	cps
Molybdenum	95-1	1810	1743	1810	1788	2.15	cps
Molybdenum	96-1	2184	2227	2190	2200	1.06	cps
Molybdenum	97-1	1180	1130	1030	1113	6.86	cps
Molybdenum	98-1	2580	2804	2820	2735	4.90	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	637	500	600	579	12.22	cps
Phosphorus	31-2	433	420	437	430	2.05	cps
Potassium	39-2	108624	109762	106875	108420	1.34	cps
Rhodium	103-1	7136815	7694079	7697851	7509582	4.30	cps
Rhodium	103-2	4200992	4136392	4149813	4162399	0.82	cps
Scandium	45-1	4632061	4998626	4946816	4859168	4.08	cps
Scandium	45-2	389162	391168	389108	389812	0.30	cps
Selenium	82-1	582	651	632	622	5.80	cps
Selenium	77-2	37	37	47	40	14.43	cps
Selenium	78-2	193	210	203	202	4.15	cps
Silicon	28-1	764996	758647	757134	760259	0.55	cps
Silver	107-1	4494	4387	4781	4554	4.47	cps
Silver	109-1	4031	4397	4381	4270	4.85	cps
Sodium	23-2	145042	143787	144046	144292	0.46	cps
Strontium	86-1	1390	1420	1333	1381	3.19	cps
Strontium	88-1	9546	9630	9837	9671	1.55	cps
Sulfur	34-1	279850	277263	279130	278748	0.48	cps
Terbium	159-1	10562776	11334999	11193214	11030329	3.73	cps
Terbium	159-2	6747121	6794326	6778046	6773164	0.35	cps
Thallium	203-1	3384	3330	3200	3305	2.85	cps
Thallium	205-1	8109	7829	8036	7991	1.82	cps
Tin	118-1	3801	3610	3897	3769	3.87	cps
Titanium	47-1	597	560	513	557	7.50	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:52:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10141	10231	9807	10059	2.22	cps
Vanadium	51-2	1200	1037	1140	1126	7.34	cps
Yttrium	89-1	12630854	13556254	13642051	13276387	4.22	cps
Yttrium	89-2	2998133	2955487	2938924	2964182	1.03	cps
Zinc	66-2	923	760	733	806	12.77	cps
Zirconium	90-1	5871	6085	6311	6089	3.62	cps
Zirconium	91-1	1407	1360	1280	1349	4.75	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : PB157759BL Instrumnet Name : P7
 Client Sample ID : PB157759BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:55:41 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	107	143	124	14.75	cps
Antimony	121-1	33	80	67	60	40.07	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	23	17	20	20	16.65	cps
Barium	137-1	13	30	30	24	39.37	cps
Beryllium	9-1	120	150	120	130	13.32	cps
Bismuth	209-1	6428452	6637259	6603835	6556515	1.71	cps
Bismuth	209-2	4620201	4633667	4730380	4661416	1.29	cps
Bromine	81-1	10404	10747	10891	10681	2.34	cps
Bromine	81-2	97	137	73	102	31.34	cps
Cadmium	108-1	3	7	10	7	50.03	cps
Cadmium	106-1	4954	5151	4931	5012	2.41	cps
Cadmium	111-1	1497	1541	1479	1506	2.10	cps
Calcium	43-1	617	493	553	554	11.12	cps
Calcium	44-1	6361	6491	6551	6468	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1013	1017	1047	1026	1.79	cps
Cobalt	59-2	87	80	53	73	24.06	cps
Copper	63-2	4554	4027	4454	4345	6.44	cps
Dysprosium	156-1	0	10	10	7	86.60	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	87	90	100	92	7.52	cps
Erbium	164-2	37	47	57	47	21.43	cps
Gadolinium	160-1	40	40	53	44	17.32	cps
Gadolinium	160-2	350	340	363	351	3.33	cps
Holmium	165-1	10801344	10892141	10928837	10874107	0.60	cps
Holmium	165-2	6756213	6748416	6840681	6781770	0.75	cps
Indium	115-1	8254835	8447283	8326953	8343023	1.17	cps
Indium	115-2	2573674	2532360	2537669	2547901	0.88	cps
Iron	56-2	6858	6632	6558	6683	2.34	cps
Iron	57-2	903	953	807	888	8.40	cps
Iron	54-2	1270	1223	1233	1242	1.98	cps
Krypton	83-1	233	153	187	191	21.03	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P7
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:55:41	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	600	530	547	559	6.54	cps
Lead	207-1	523	500	540	521	3.86	cps
Lead	208-1	2420	2310	2327	2352	2.52	cps
Lithium	6-1	2584945	2623034	2613841	2607273	0.76	cps
Magnesium	24-2	440	530	413	461	13.26	cps
Manganese	55-2	87	63	47	66	30.65	cps
Molybdenum	94-1	137	210	197	181	21.57	cps
Molybdenum	95-1	97	70	47	71	35.18	cps
Molybdenum	96-1	77	100	73	83	17.44	cps
Molybdenum	97-1	30	23	50	34	40.30	cps
Molybdenum	98-1	73	83	73	77	7.53	cps
Neodymium	150-1	10	3	17	10	66.70	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	57	73	80	70	17.17	cps
Phosphorus	31-2	337	327	323	329	2.11	cps
Potassium	39-2	60198	60851	60952	60667	0.67	cps
Rhodium	103-1	7715344	7652778	7818683	7728935	1.08	cps
Rhodium	103-2	4157726	4164200	4175429	4165785	0.22	cps
Scandium	45-1	4927490	5020263	4991576	4979777	0.95	cps
Scandium	45-2	392505	388888	390633	390676	0.46	cps
Selenium	82-1	194	299	233	242	21.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	110	167	134	21.66	cps
Silicon	28-1	747703	752493	763068	754421	1.04	cps
Silver	107-1	120	177	163	153	19.32	cps
Silver	109-1	87	113	137	112	22.29	cps
Sodium	23-2	23795	23421	23421	23546	0.92	cps
Strontium	86-1	287	257	233	259	10.33	cps
Strontium	88-1	87	83	87	86	2.25	cps
Sulfur	34-1	279463	280436	282982	280960	0.65	cps
Terbium	159-1	11210733	11313874	11184182	11236263	0.61	cps
Terbium	159-2	6723631	6750332	6738126	6737363	0.20	cps
Thallium	203-1	153	160	147	153	4.35	cps
Thallium	205-1	377	393	347	372	6.35	cps
Tin	118-1	733	750	797	760	4.32	cps
Titanium	47-1	147	100	77	108	33.07	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P7
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:55:41	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	10	0	11	105.35	cps
Vanadium	51-2	0	7	10	6	91.64	cps
Yttrium	89-1	13468565	13506729	13668885	13548060	0.79	cps
Yttrium	89-2	3009692	2982255	2968235	2986727	0.71	cps
Zinc	66-2	263	280	373	306	19.40	cps
Zirconium	90-1	507	507	503	506	0.38	cps
Zirconium	91-1	107	143	130	127	14.65	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:58:57	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8647634	8603076	8538813	8596508	0.64	cps
Antimony	121-1	3616477	3634165	3665551	3638731	0.68	cps
Arsenic	75-2	159702	162083	157498	159761	1.44	cps
Barium	135-1	5097995	5076751	5029325	5068023	0.69	cps
Barium	137-1	8917000	8776620	8762672	8818764	0.97	cps
Beryllium	9-1	944595	939847	932723	939055	0.64	cps
Bismuth	209-1	5859285	5964365	5972857	5932169	1.07	cps
Bismuth	209-2	4060400	4057674	4009140	4042405	0.71	cps
Bromine	81-1	9380	8906	9360	9215	2.91	cps
Bromine	81-2	127	163	120	137	17.08	cps
Cadmium	108-1	72664	73210	72396	72757	0.57	cps
Cadmium	106-1	107061	108770	107232	107687	0.87	cps
Cadmium	111-1	929255	932074	928722	930017	0.19	cps
Calcium	43-1	5333823	5297284	5306564	5312557	0.36	cps
Calcium	44-1	84460080	84087357	83205054	83917497	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1328832	1360151	1370570	1353184	1.61	cps
Cobalt	59-2	2065656	2068933	2090175	2074921	0.64	cps
Copper	63-2	13965789	14150588	13791897	13969425	1.28	cps
Dysprosium	156-1	1037	1137	903	1026	11.41	cps
Dysprosium	156-2	873	837	777	829	5.89	cps
Erbium	164-1	240	280	313	278	13.22	cps
Erbium	164-2	160	150	173	161	7.27	cps
Gadolinium	160-1	953	1167	1120	1080	10.38	cps
Gadolinium	160-2	1050	910	1137	1032	11.08	cps
Holmium	165-1	10366745	10394005	10355460	10372070	0.19	cps
Holmium	165-2	6425680	6435650	6314295	6391875	1.05	cps
Indium	115-1	7331920	7266412	7245732	7281354	0.62	cps
Indium	115-2	2192294	2103786	2187645	2161242	2.30	cps
Iron	56-2	288119196	286856436	289029822	288001818	0.38	cps
Iron	57-2	7148573	7184439	7238261	7190424	0.63	cps
Iron	54-2	15989684	15924101	16228711	16047499	1.00	cps
Krypton	83-1	183	147	177	169	11.57	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:58:57	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15528632	15596166	15841152	15655317	1.05	cps
Lead	207-1	13849058	13863623	14039964	13917548	0.76	cps
Lead	208-1	62225579	62747934	63104672	62692728	0.71	cps
Lithium	6-1	2340430	2343002	2364398	2349277	0.56	cps
Magnesium	24-2	80352025	80786070	78870617	80002904	1.26	cps
Manganese	55-2	9722698	9550888	9753017	9675534	1.13	cps
Molybdenum	94-1	13448152	13305219	13223697	13325689	0.85	cps
Molybdenum	95-1	19440818	19215128	18965966	19207304	1.24	cps
Molybdenum	96-1	21294209	21092833	20842583	21076542	1.07	cps
Molybdenum	97-1	12109578	12068630	12029864	12069357	0.33	cps
Molybdenum	98-1	31230188	30929069	30824052	30994436	0.68	cps
Neodymium	150-1	617	557	567	580	5.54	cps
Neodymium	150-2	177	207	193	192	7.82	cps
Nickel	60-2	526201	523641	521941	523927	0.41	cps
Phosphorus	31-2	87904	89422	87974	88433	0.97	cps
Potassium	39-2	38591580	38703512	38231047	38508713	0.64	cps
Rhodium	103-1	6272372	6235721	6189823	6232639	0.66	cps
Rhodium	103-2	3410871	3314882	3382729	3369494	1.46	cps
Scandium	45-1	4373573	4328294	4287037	4329635	1.00	cps
Scandium	45-2	340333	335046	335927	337102	0.84	cps
Selenium	82-1	58551	58031	58437	58340	0.47	cps
Selenium	77-2	4824	4951	4821	4865	1.52	cps
Selenium	78-2	16212	16252	15885	16117	1.25	cps
Silicon	28-1	35039310	34254951	33850827	34381696	1.76	cps
Silver	107-1	4533895	4555434	4513904	4534411	0.46	cps
Silver	109-1	4351005	4343798	4262005	4318936	1.14	cps
Sodium	23-2	128603531	129385945	126570898	128186791	1.13	cps
Strontium	86-1	30790595	30773856	30274045	30612832	0.96	cps
Strontium	88-1	269516203	266728076	265228743	267157674	0.81	cps
Sulfur	34-1	564527	537412	527268	543069	3.55	cps
Terbium	159-1	10463746	10665843	10654201	10594597	1.07	cps
Terbium	159-2	6347602	6356803	6306462	6336956	0.42	cps
Thallium	203-1	3927676	3913828	3948103	3929869	0.44	cps
Thallium	205-1	9169153	9297608	9238598	9235120	0.70	cps
Tin	118-1	3148042	3141852	3138510	3142802	0.15	cps
Titanium	47-1	4798971	4730029	4636393	4721798	1.73	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:58:57	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13177249	13333745	13435163	13315386	0.98	cps
Vanadium	51-2	1207272	1200470	1203668	1203803	0.28	cps
Yttrium	89-1	12201558	12104169	12085113	12130280	0.51	cps
Yttrium	89-2	2648211	2606347	2646842	2633800	0.90	cps
Zinc	66-2	2317224	2357860	2283056	2319380	1.61	cps
Zirconium	90-1	6550331	6518751	6505525	6524869	0.35	cps
Zirconium	91-1	1467516	1465087	1470903	1467836	0.20	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P7
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 14:08:18 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	180	157	163	8.89	cps
Antimony	121-1	713	780	947	813	14.78	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	67	83	63	71	15.07	cps
Barium	137-1	173	143	113	143	20.93	cps
Beryllium	9-1	173	173	163	170	3.40	cps
Bismuth	209-1	6488724	6468827	6584771	6514107	0.95	cps
Bismuth	209-2	3983417	4530065	4384152	4299211	6.58	cps
Bromine	81-1	9220	10077	9717	9671	4.45	cps
Bromine	81-2	110	113	83	102	16.09	cps
Cadmium	108-1	13	33	13	20	57.74	cps
Cadmium	106-1	4194	4221	4101	4172	1.51	cps
Cadmium	111-1	1289	1263	1238	1263	2.03	cps
Calcium	43-1	510	547	553	537	4.35	cps
Calcium	44-1	7238	7295	6882	7138	3.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	927	1113	970	1003	9.74	cps
Cobalt	59-2	60	110	77	82	30.96	cps
Copper	63-2	3494	3390	3697	3527	4.42	cps
Dysprosium	156-1	0	3	7	3	100.05	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	60	110	73	43.83	cps
Erbium	164-2	30	43	63	46	36.83	cps
Gadolinium	160-1	60	57	87	68	24.26	cps
Gadolinium	160-2	310	327	363	333	8.18	cps
Holmium	165-1	10440729	10618415	10718553	10592565	1.33	cps
Holmium	165-2	5702792	6475205	6264464	6147487	6.49	cps
Indium	115-1	7807900	7920676	7925271	7884616	0.84	cps
Indium	115-2	2022224	2405099	2305640	2244321	8.85	cps
Iron	56-2	9290	9386	7906	8861	9.35	cps
Iron	57-2	793	737	810	780	4.93	cps
Iron	54-2	1293	1310	1267	1290	1.69	cps
Krypton	83-1	120	150	117	129	14.24	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:08:18	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1080	1000	927	1002	7.65	cps
Lead	207-1	823	843	883	850	3.59	cps
Lead	208-1	3924	3934	3734	3864	2.92	cps
Lithium	6-1	2479155	2492655	2479991	2483934	0.30	cps
Magnesium	24-2	1147	1263	890	1100	17.36	cps
Manganese	55-2	123	203	127	151	29.95	cps
Molybdenum	94-1	533	493	463	497	7.07	cps
Molybdenum	95-1	437	443	303	394	20.02	cps
Molybdenum	96-1	473	450	407	443	7.63	cps
Molybdenum	97-1	263	293	190	249	21.36	cps
Molybdenum	98-1	670	757	500	642	20.33	cps
Neodymium	150-1	13	3	17	11	62.48	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	80	103	93	92	12.70	cps
Phosphorus	31-2	307	347	360	338	8.22	cps
Potassium	39-2	57481	56765	56749	56998	0.73	cps
Rhodium	103-1	7172905	7204626	7252541	7210024	0.56	cps
Rhodium	103-2	3356060	3907149	3701627	3654945	7.62	cps
Scandium	45-1	4501199	4523313	4555293	4526601	0.60	cps
Scandium	45-2	305008	361504	356807	341106	9.19	cps
Selenium	82-1	207	245	341	265	26.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	133	133	123	130	4.45	cps
Silicon	28-1	669748	665899	670187	668612	0.35	cps
Silver	107-1	237	277	263	259	7.87	cps
Silver	109-1	173	207	167	182	11.76	cps
Sodium	23-2	30747	30624	30036	30469	1.25	cps
Strontium	86-1	693	653	557	634	11.08	cps
Strontium	88-1	3791	4177	2724	3564	21.13	cps
Sulfur	34-1	223193	222940	225678	223937	0.68	cps
Terbium	159-1	10848862	10872164	11125992	10949006	1.40	cps
Terbium	159-2	5647070	6603533	6203883	6151495	7.81	cps
Thallium	203-1	273	283	253	270	5.66	cps
Thallium	205-1	587	710	600	632	10.71	cps
Tin	118-1	810	847	893	850	4.91	cps
Titanium	47-1	180	200	157	179	12.12	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:08:18	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	137	227	103	156	41.01	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	12620796	12700693	12765346	12695612	0.57	cps
Yttrium	89-2	2375789	2777975	2657585	2603783	7.93	cps
Zinc	66-2	303	273	293	290	5.27	cps
Zirconium	90-1	757	853	800	803	6.03	cps
Zirconium	91-1	163	160	167	163	2.04	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : PB157760BL Instrumnet Name : P7
 Client Sample ID : PB157760BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 14:11:33 DataFile Name : 034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	140	143	152	12.06	cps
Antimony	121-1	207	230	273	237	14.29	cps
Arsenic	75-2	7	10	13	10	33.30	cps
Barium	135-1	10	17	27	18	47.19	cps
Barium	137-1	40	33	47	40	16.68	cps
Beryllium	9-1	107	170	137	138	22.99	cps
Bismuth	209-1	6591660	6479150	6410512	6493774	1.41	cps
Bismuth	209-2	4695166	4506089	4635249	4612168	2.10	cps
Bromine	81-1	9863	9947	9937	9916	0.46	cps
Bromine	81-2	53	103	143	100	45.10	cps
Cadmium	108-1	3	7	17	9	78.08	cps
Cadmium	106-1	4577	4861	4537	4659	3.78	cps
Cadmium	111-1	1391	1460	1360	1404	3.67	cps
Calcium	43-1	460	520	473	484	6.50	cps
Calcium	44-1	6175	6118	6411	6235	2.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1157	1083	1110	1117	3.32	cps
Cobalt	59-2	100	40	53	64	48.89	cps
Copper	63-2	3417	3560	3584	3520	2.56	cps
Dysprosium	156-1	7	3	3	4	43.40	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	73	80	93	82	12.39	cps
Erbium	164-2	43	40	43	42	4.55	cps
Gadolinium	160-1	40	67	60	56	24.98	cps
Gadolinium	160-2	347	353	357	352	1.45	cps
Holmium	165-1	10683534	10451747	10451709	10528997	1.27	cps
Holmium	165-2	6587639	6454694	6511806	6518046	1.02	cps
Indium	115-1	7985578	7893336	8000405	7959773	0.73	cps
Indium	115-2	2388429	2397076	2417194	2400900	0.61	cps
Iron	56-2	6685	6878	6888	6817	1.68	cps
Iron	57-2	660	603	697	653	7.20	cps
Iron	54-2	1140	1013	1063	1072	5.95	cps
Krypton	83-1	140	170	140	150	11.55	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P7
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:11:33	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	813	760	743	772	4.74	cps
Lead	207-1	680	647	707	678	4.44	cps
Lead	208-1	3127	3057	3027	3070	1.67	cps
Lithium	6-1	2508908	2499040	2500798	2502915	0.21	cps
Magnesium	24-2	610	687	607	634	7.13	cps
Manganese	55-2	130	123	77	110	26.42	cps
Molybdenum	94-1	233	233	307	258	16.42	cps
Molybdenum	95-1	160	150	170	160	6.25	cps
Molybdenum	96-1	190	163	170	174	7.95	cps
Molybdenum	97-1	83	87	103	91	11.76	cps
Molybdenum	98-1	157	193	240	197	21.24	cps
Neodymium	150-1	0	7	10	6	91.64	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	67	83	70	73	12.02	cps
Phosphorus	31-2	360	333	327	340	5.19	cps
Potassium	39-2	57906	57056	58592	57851	1.33	cps
Rhodium	103-1	7293176	7154746	7146517	7198146	1.14	cps
Rhodium	103-2	3905236	3873585	3904447	3894423	0.46	cps
Scandium	45-1	4612302	4582452	4607705	4600820	0.35	cps
Scandium	45-2	367390	363958	363911	365086	0.55	cps
Selenium	82-1	240	219	253	237	7.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	147	133	140	140	4.76	cps
Silicon	28-1	674794	680837	686557	680729	0.86	cps
Silver	107-1	170	147	180	166	10.33	cps
Silver	109-1	93	123	107	108	13.95	cps
Sodium	23-2	28834	29498	28730	29021	1.44	cps
Strontium	86-1	370	310	340	340	8.82	cps
Strontium	88-1	603	493	560	552	10.03	cps
Sulfur	34-1	234235	231257	232667	232720	0.64	cps
Terbium	159-1	11076665	10964022	10955309	10998665	0.62	cps
Terbium	159-2	6587892	6516069	6546207	6550056	0.55	cps
Thallium	203-1	190	180	213	194	8.80	cps
Thallium	205-1	483	500	480	488	2.20	cps
Tin	118-1	713	783	773	757	5.00	cps
Titanium	47-1	117	110	110	112	3.43	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P7
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:11:33	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	30	30	33	17.32	cps
Vanadium	51-2	0	13	0	4	173.21	cps
Yttrium	89-1	12786261	12749794	12669621	12735225	0.47	cps
Yttrium	89-2	2835554	2793315	2801336	2810068	0.80	cps
Zinc	66-2	287	240	273	267	9.01	cps
Zirconium	90-1	527	597	673	599	12.25	cps
Zirconium	91-1	93	133	117	114	17.56	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P7
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:18:25	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8036	7805	7999	7947	1.56	cps
Antimony	121-1	29180	28963	29477	29206	0.88	cps
Arsenic	75-2	653	657	700	670	3.89	cps
Barium	135-1	38188	38849	39398	38812	1.56	cps
Barium	137-1	66521	68293	66133	66982	1.72	cps
Beryllium	9-1	3917	4034	4071	4007	2.00	cps
Bismuth	209-1	6069716	6550619	6519484	6379939	4.22	cps
Bismuth	209-2	4654500	4574332	4521074	4583302	1.47	cps
Bromine	81-1	9953	10320	10100	10125	1.82	cps
Bromine	81-2	110	127	103	113	10.61	cps
Cadmium	108-1	263	267	283	271	3.95	cps
Cadmium	106-1	4768	4854	4791	4804	0.93	cps
Cadmium	111-1	5076	5050	5116	5081	0.65	cps
Calcium	43-1	21846	21879	22210	21978	0.92	cps
Calcium	44-1	349141	350008	350641	349930	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12839	12755	12522	12705	1.29	cps
Cobalt	59-2	9156	9156	8653	8988	3.23	cps
Copper	63-2	16442	16262	16462	16389	0.67	cps
Dysprosium	156-1	23	13	13	17	34.65	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	80	97	70	82	16.39	cps
Erbium	164-2	60	33	47	47	28.58	cps
Gadolinium	160-1	57	27	80	54	49.10	cps
Gadolinium	160-2	377	420	377	391	6.40	cps
Holmium	165-1	10037642	10810342	10763294	10537092	4.11	cps
Holmium	165-2	6773579	6654302	6459116	6628999	2.39	cps
Indium	115-1	7605710	8172952	8096891	7958518	3.87	cps
Indium	115-2	2501169	2450828	2395654	2449217	2.15	cps
Iron	56-2	1062240	1061131	1054964	1059445	0.37	cps
Iron	57-2	27278	26787	27422	27162	1.23	cps
Iron	54-2	59885	59627	60200	59904	0.48	cps
Krypton	83-1	167	183	147	166	11.09	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P7
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:18:25	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12172	12446	12212	12277	1.20	cps
Lead	207-1	10918	10981	10668	10856	1.53	cps
Lead	208-1	49052	49612	48851	49172	0.80	cps
Lithium	6-1	2425671	2529543	2578431	2511215	3.11	cps
Magnesium	24-2	345205	345866	344293	345121	0.23	cps
Manganese	55-2	4421	4414	4477	4437	0.78	cps
Molybdenum	94-1	31006	30893	30999	30966	0.21	cps
Molybdenum	95-1	37471	37321	37261	37351	0.29	cps
Molybdenum	96-1	40887	41402	41415	41235	0.73	cps
Molybdenum	97-1	23302	23789	23683	23591	1.09	cps
Molybdenum	98-1	60073	59695	60632	60133	0.78	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2204	2280	2420	2301	4.77	cps
Phosphorus	31-2	283	320	283	296	7.16	cps
Potassium	39-2	407072	406160	406886	406706	0.12	cps
Rhodium	103-1	6930205	7424307	7320616	7225043	3.61	cps
Rhodium	103-2	4011699	4059632	3915097	3995476	1.84	cps
Scandium	45-1	4470045	4752750	4751110	4657969	3.49	cps
Scandium	45-2	376638	376504	366660	373267	1.53	cps
Selenium	82-1	1483	1501	1468	1484	1.10	cps
Selenium	77-2	123	83	120	109	20.39	cps
Selenium	78-2	417	510	403	443	13.11	cps
Silicon	28-1	791400	797563	803234	797399	0.74	cps
Silver	107-1	18766	19113	18736	18871	1.11	cps
Silver	109-1	17684	18368	18105	18052	1.91	cps
Sodium	23-2	578338	573148	579216	576901	0.57	cps
Strontium	86-1	5214	5138	5008	5120	2.04	cps
Strontium	88-1	43190	43066	43029	43095	0.19	cps
Sulfur	34-1	251171	253927	253611	252903	0.60	cps
Terbium	159-1	10239323	11167752	11126499	10844525	4.84	cps
Terbium	159-2	6709660	6648391	6463569	6607207	1.94	cps
Thallium	203-1	14368	14428	14755	14517	1.44	cps
Thallium	205-1	34701	33956	34370	34342	1.09	cps
Tin	118-1	837	843	857	846	1.20	cps
Titanium	47-1	9633	10133	10137	9968	2.91	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P7
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:18:25	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45046	45688	45838	45524	0.92	cps
Vanadium	51-2	24904	24750	24406	24687	1.03	cps
Yttrium	89-1	12135062	13167076	13033106	12778415	4.39	cps
Yttrium	89-2	2918547	2890589	2835342	2881493	1.47	cps
Zinc	66-2	5594	5621	5634	5617	0.36	cps
Zirconium	90-1	25322	26173	26180	25892	1.91	cps
Zirconium	91-1	5618	5988	5831	5812	3.20	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P7
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:21:43	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7732	7409	7612	7584	2.16	cps
Antimony	121-1	29303	28946	29487	29245	0.94	cps
Arsenic	75-2	630	690	633	651	5.18	cps
Barium	135-1	37870	38649	38101	38207	1.05	cps
Barium	137-1	66692	67251	66427	66790	0.63	cps
Beryllium	9-1	3877	3884	3864	3875	0.26	cps
Bismuth	209-1	6557965	6548912	6500274	6535717	0.47	cps
Bismuth	209-2	4657268	4685405	4637933	4660202	0.51	cps
Bromine	81-1	10611	10417	10350	10459	1.29	cps
Bromine	81-2	103	93	87	94	8.88	cps
Cadmium	108-1	317	283	363	321	12.51	cps
Cadmium	106-1	5338	5181	5191	5237	1.68	cps
Cadmium	111-1	5334	5060	5254	5216	2.70	cps
Calcium	43-1	21502	22110	22160	21924	1.67	cps
Calcium	44-1	348740	351037	350520	350099	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12288	12419	12535	12414	0.99	cps
Cobalt	59-2	9029	8666	9130	8942	2.73	cps
Copper	63-2	16666	16786	16553	16668	0.70	cps
Dysprosium	156-1	10	20	13	14	35.26	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	63	77	90	77	17.39	cps
Erbium	164-2	20	40	43	34	36.64	cps
Gadolinium	160-1	63	37	27	42	44.88	cps
Gadolinium	160-2	373	393	370	379	3.33	cps
Holmium	165-1	10610942	10796749	10669999	10692564	0.89	cps
Holmium	165-2	6681086	6623477	6660097	6654887	0.44	cps
Indium	115-1	8133204	8191994	8138184	8154460	0.40	cps
Indium	115-2	2401579	2499235	2446595	2449137	2.00	cps
Iron	56-2	1053241	1053833	1055879	1054318	0.13	cps
Iron	57-2	27475	26958	27071	27168	1.00	cps
Iron	54-2	60344	60240	59905	60163	0.38	cps
Krypton	83-1	147	130	163	147	11.37	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P7
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:21:43	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12476	12940	12162	12526	3.12	cps
Lead	207-1	10661	10988	10894	10848	1.55	cps
Lead	208-1	49893	50206	49569	49890	0.64	cps
Lithium	6-1	2559853	2554935	2589295	2568028	0.72	cps
Magnesium	24-2	345322	346172	347035	346177	0.25	cps
Manganese	55-2	4387	4434	4384	4402	0.64	cps
Molybdenum	94-1	30542	30876	31050	30822	0.84	cps
Molybdenum	95-1	37047	37458	36953	37153	0.72	cps
Molybdenum	96-1	41151	40877	41161	41063	0.39	cps
Molybdenum	97-1	23385	23459	23175	23340	0.63	cps
Molybdenum	98-1	59008	60093	60341	59814	1.18	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	2454	2457	2437	2449	0.44	cps
Phosphorus	31-2	277	367	343	329	14.20	cps
Potassium	39-2	407207	405469	407526	406734	0.27	cps
Rhodium	103-1	7424184	7473223	7398902	7432103	0.51	cps
Rhodium	103-2	4009822	3951976	4016910	3992903	0.89	cps
Scandium	45-1	4711549	4764143	4747088	4740927	0.57	cps
Scandium	45-2	375949	378468	377317	377245	0.33	cps
Selenium	82-1	1507	1516	1487	1503	0.96	cps
Selenium	77-2	77	130	113	107	25.58	cps
Selenium	78-2	467	443	470	460	3.16	cps
Silicon	28-1	798840	800607	798600	799349	0.14	cps
Silver	107-1	18509	19627	19076	19070	2.93	cps
Silver	109-1	17704	17754	17681	17713	0.21	cps
Sodium	23-2	569775	570637	570796	570403	0.10	cps
Strontium	86-1	5024	4841	5108	4991	2.73	cps
Strontium	88-1	42127	42448	42672	42415	0.65	cps
Sulfur	34-1	255249	256112	256800	256053	0.30	cps
Terbium	159-1	11137409	11090504	11051954	11093289	0.39	cps
Terbium	159-2	6695052	6684105	6702826	6693994	0.14	cps
Thallium	203-1	14578	14601	14625	14601	0.16	cps
Thallium	205-1	34026	34313	34367	34235	0.54	cps
Tin	118-1	940	1944	930	1271	45.81	cps
Titanium	47-1	10013	9990	10210	10071	1.20	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P7
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:21:43	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45330	45614	45467	45471	0.31	cps
Vanadium	51-2	24220	24824	24270	24438	1.37	cps
Yttrium	89-1	13148916	13192817	13123599	13155110	0.27	cps
Yttrium	89-2	2900794	2883628	2873130	2885851	0.48	cps
Zinc	66-2	5424	5288	5701	5471	3.85	cps
Zirconium	90-1	26203	26364	26364	26310	0.35	cps
Zirconium	91-1	5521	5674	5728	5641	1.90	cps

LB Number : LB128772 Operator : Jaswal
 Lab Sample ID : PB157768BL Instrumnet Name : P7
 Client Sample ID : PB157768BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 14:24:59 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137	107	133	126	13.10	cps
Antimony	121-1	117	173	193	161	24.68	cps
Arsenic	75-2	7	10	0	6	91.64	cps
Barium	135-1	40	37	17	31	40.56	cps
Barium	137-1	63	30	17	37	65.55	cps
Beryllium	9-1	90	90	90	90	0.00	cps
Bismuth	209-1	6506164	6055501	6470679	6344115	3.95	cps
Bismuth	209-2	4691316	4590815	4716707	4666279	1.43	cps
Bromine	81-1	9943	10050	10070	10021	0.68	cps
Bromine	81-2	97	107	117	107	9.37	cps
Cadmium	108-1	20	7	7	11	69.25	cps
Cadmium	106-1	4597	4447	4871	4639	4.63	cps
Cadmium	111-1	1372	1333	1467	1390	4.95	cps
Calcium	43-1	557	510	533	533	4.38	cps
Calcium	44-1	5931	6158	6128	6072	2.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1063	1070	1120	1084	2.86	cps
Cobalt	59-2	47	87	33	56	49.96	cps
Copper	63-2	3680	3637	3677	3665	0.66	cps
Dysprosium	156-1	7	7	7	7	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	103	70	67	80	25.34	cps
Erbium	164-2	47	53	30	43	27.73	cps
Gadolinium	160-1	30	23	63	39	55.11	cps
Gadolinium	160-2	340	340	407	362	10.63	cps
Holmium	165-1	10736663	9864302	10540028	10380331	4.41	cps
Holmium	165-2	6773256	6579785	6718621	6690554	1.49	cps
Indium	115-1	8100635	7546176	8017315	7888042	3.79	cps
Indium	115-2	2480049	2439174	2479900	2466374	0.96	cps
Iron	56-2	6545	6585	6425	6518	1.28	cps
Iron	57-2	677	813	687	726	10.50	cps
Iron	54-2	1073	1127	1160	1120	3.90	cps
Krypton	83-1	173	177	183	178	2.86	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P7
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:24:59	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	627	590	603	607	3.06	cps
Lead	207-1	537	480	497	504	5.77	cps
Lead	208-1	2533	2417	2550	2500	2.91	cps
Lithium	6-1	2544854	2355366	2553628	2484616	4.51	cps
Magnesium	24-2	477	520	500	499	4.35	cps
Manganese	55-2	87	90	93	90	3.70	cps
Molybdenum	94-1	280	227	207	238	15.94	cps
Molybdenum	95-1	90	110	93	98	10.96	cps
Molybdenum	96-1	143	163	110	139	19.40	cps
Molybdenum	97-1	63	33	40	46	34.58	cps
Molybdenum	98-1	123	127	130	127	2.63	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	77	90	103	90	14.81	cps
Phosphorus	31-2	270	317	283	290	8.29	cps
Potassium	39-2	58806	58335	58030	58390	0.67	cps
Rhodium	103-1	7279982	6801670	7323932	7135195	4.06	cps
Rhodium	103-2	4021314	3987908	4009997	4006407	0.42	cps
Scandium	45-1	4687234	4434674	4701935	4607948	3.26	cps
Scandium	45-2	378145	377814	377711	377890	0.06	cps
Selenium	82-1	211	236	217	221	5.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	113	153	107	124	20.28	cps
Silicon	28-1	715988	719261	717745	717665	0.23	cps
Silver	107-1	217	223	240	227	5.30	cps
Silver	109-1	173	160	147	160	8.33	cps
Sodium	23-2	25201	25999	25298	25499	1.71	cps
Strontium	86-1	240	290	297	276	11.24	cps
Strontium	88-1	353	303	380	346	11.26	cps
Sulfur	34-1	255717	258932	259623	258090	0.81	cps
Terbium	159-1	10907653	10168496	10975945	10684032	4.19	cps
Terbium	159-2	6628018	6636430	6668745	6644398	0.32	cps
Thallium	203-1	160	170	190	173	8.81	cps
Thallium	205-1	367	357	373	366	2.29	cps
Tin	118-1	733	823	723	760	7.25	cps
Titanium	47-1	107	117	70	98	25.13	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P7
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:24:59	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	27	30	32	21.53	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	12923231	11998484	12787696	12569803	3.97	cps
Yttrium	89-2	2885307	2841699	2856159	2861055	0.78	cps
Zinc	66-2	303	227	263	264	14.50	cps
Zirconium	90-1	553	580	603	579	4.32	cps
Zirconium	91-1	127	103	77	102	24.47	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P7
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:28:16	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	110	160	137	18.41	cps
Antimony	121-1	97	63	117	92	29.22	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	10	7	10	9	21.63	cps
Barium	137-1	30	13	40	28	48.51	cps
Beryllium	9-1	97	100	120	106	11.95	cps
Bismuth	209-1	6412926	6563564	6592180	6522890	1.48	cps
Bismuth	209-2	4611585	4633500	4556330	4600472	0.86	cps
Bromine	81-1	9903	10287	10224	10138	2.03	cps
Bromine	81-2	100	67	100	89	21.65	cps
Cadmium	108-1	13	7	10	10	33.30	cps
Cadmium	106-1	4664	4811	4491	4655	3.44	cps
Cadmium	111-1	1400	1442	1347	1396	3.41	cps
Calcium	43-1	560	453	537	517	10.85	cps
Calcium	44-1	6271	6345	6188	6268	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1083	1040	1027	1050	2.82	cps
Cobalt	59-2	57	47	63	56	15.09	cps
Copper	63-2	3640	3507	3607	3585	1.94	cps
Dysprosium	156-1	3	3	20	9	108.30	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	53	83	60	66	24.03	cps
Erbium	164-2	47	33	40	40	16.68	cps
Gadolinium	160-1	40	43	47	43	7.70	cps
Gadolinium	160-2	337	363	333	344	4.77	cps
Holmium	165-1	10630806	10578116	10572358	10593760	0.30	cps
Holmium	165-2	6631160	6621228	6609276	6620554	0.17	cps
Indium	115-1	8065560	8162631	8123781	8117324	0.60	cps
Indium	115-2	2449461	2458324	2451049	2452944	0.19	cps
Iron	56-2	6678	6455	6411	6515	2.20	cps
Iron	57-2	740	743	793	759	3.94	cps
Iron	54-2	983	1137	1027	1049	7.54	cps
Krypton	83-1	127	170	140	146	15.25	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P7
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:28:16	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	627	590	577	598	4.33	cps
Lead	207-1	537	487	480	501	6.18	cps
Lead	208-1	2447	2413	2300	2387	3.22	cps
Lithium	6-1	2556714	2611677	2588277	2585556	1.07	cps
Magnesium	24-2	443	497	483	474	5.85	cps
Manganese	55-2	87	67	100	84	19.87	cps
Molybdenum	94-1	247	277	207	243	14.43	cps
Molybdenum	95-1	87	73	60	73	18.18	cps
Molybdenum	96-1	103	147	147	132	18.92	cps
Molybdenum	97-1	27	50	37	38	30.98	cps
Molybdenum	98-1	113	93	110	106	10.15	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	97	57	90	81	26.42	cps
Phosphorus	31-2	267	300	350	306	13.73	cps
Potassium	39-2	57203	58040	57421	57555	0.75	cps
Rhodium	103-1	7307651	7418412	7445729	7390597	0.99	cps
Rhodium	103-2	4016033	4008541	3960977	3995184	0.75	cps
Scandium	45-1	4730552	4757416	4696105	4728025	0.65	cps
Scandium	45-2	378220	374993	379031	377414	0.57	cps
Selenium	82-1	308	200	270	259	21.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	130	127	122	8.77	cps
Silicon	28-1	715447	723051	718621	719040	0.53	cps
Silver	107-1	140	167	147	151	9.18	cps
Silver	109-1	87	97	123	102	18.54	cps
Sodium	23-2	24376	24760	24329	24488	0.96	cps
Strontium	86-1	347	290	307	314	9.26	cps
Strontium	88-1	213	280	250	248	13.48	cps
Sulfur	34-1	262095	265248	262725	263356	0.63	cps
Terbium	159-1	11008016	10842366	10974217	10941533	0.80	cps
Terbium	159-2	6644523	6566185	6608997	6606568	0.59	cps
Thallium	203-1	143	133	173	150	13.88	cps
Thallium	205-1	403	380	380	388	3.47	cps
Tin	118-1	697	760	743	733	4.48	cps
Titanium	47-1	100	123	107	110	10.93	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P7
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:28:16	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	23	7	12	78.69	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	12956764	13162854	12976114	13031911	0.87	cps
Yttrium	89-2	2867114	2847095	2867522	2860577	0.41	cps
Zinc	66-2	273	223	343	280	21.53	cps
Zirconium	90-1	487	477	623	529	15.49	cps
Zirconium	91-1	80	77	103	87	16.76	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P7
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:31:32	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	103	117	106	9.65	cps
Antimony	121-1	83	100	93	92	9.10	cps
Arsenic	75-2	7	3	0	3	100.05	cps
Barium	135-1	10	20	27	19	44.42	cps
Barium	137-1	30	33	33	32	5.97	cps
Beryllium	9-1	150	83	133	122	28.39	cps
Bismuth	209-1	6562794	6305932	6529723	6466150	2.16	cps
Bismuth	209-2	4765761	4543863	4628193	4645939	2.41	cps
Bromine	81-1	9773	10521	10554	10283	4.29	cps
Bromine	81-2	93	93	110	99	9.73	cps
Cadmium	108-1	0	10	13	8	89.21	cps
Cadmium	106-1	5038	4674	4607	4773	4.85	cps
Cadmium	111-1	1518	1402	1376	1432	5.27	cps
Calcium	43-1	530	523	530	528	0.73	cps
Calcium	44-1	5931	5901	5921	5918	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1093	1050	1143	1096	4.26	cps
Cobalt	59-2	53	47	67	56	18.33	cps
Copper	63-2	3407	3837	3550	3598	6.09	cps
Dysprosium	156-1	20	10	7	12	56.76	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	70	53	90	71	25.82	cps
Erbium	164-2	37	40	33	37	9.10	cps
Gadolinium	160-1	27	73	43	48	49.49	cps
Gadolinium	160-2	360	387	367	371	3.74	cps
Holmium	165-1	10763580	10428986	11044873	10745813	2.87	cps
Holmium	165-2	6857609	6582930	6754135	6731558	2.06	cps
Indium	115-1	8303386	7952454	8177715	8144518	2.18	cps
Indium	115-2	2517056	2463815	2446270	2475714	1.49	cps
Iron	56-2	6398	6121	5961	6160	3.59	cps
Iron	57-2	750	657	767	724	8.18	cps
Iron	54-2	1123	1097	1140	1120	1.95	cps
Krypton	83-1	210	147	180	179	17.71	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P7
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:31:32	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	627	547	610	594	7.10	cps
Lead	207-1	530	557	437	508	12.41	cps
Lead	208-1	2423	2340	2290	2351	2.86	cps
Lithium	6-1	2622391	2579085	2654051	2618509	1.44	cps
Magnesium	24-2	490	470	513	491	4.42	cps
Manganese	55-2	67	57	67	63	9.12	cps
Molybdenum	94-1	170	203	140	171	18.52	cps
Molybdenum	95-1	57	37	67	53	28.64	cps
Molybdenum	96-1	100	93	77	90	13.35	cps
Molybdenum	97-1	60	40	40	47	24.74	cps
Molybdenum	98-1	67	100	97	88	20.91	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	70	77	97	81	17.11	cps
Phosphorus	31-2	340	350	297	329	8.62	cps
Potassium	39-2	58465	59208	58575	58749	0.68	cps
Rhodium	103-1	7643251	7229768	7557281	7476767	2.92	cps
Rhodium	103-2	4109969	4064878	3924255	4033034	2.40	cps
Scandium	45-1	4851941	4617781	4787014	4752245	2.54	cps
Scandium	45-2	388445	380031	375016	381164	1.78	cps
Selenium	82-1	206	278	215	233	16.82	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	130	97	100	109	16.86	cps
Silicon	28-1	719459	724249	724819	722843	0.41	cps
Silver	107-1	137	103	163	134	22.36	cps
Silver	109-1	77	40	73	63	32.01	cps
Sodium	23-2	23959	24206	24386	24183	0.89	cps
Strontium	86-1	290	313	300	301	3.89	cps
Strontium	88-1	147	237	213	199	23.48	cps
Sulfur	34-1	265916	266907	265994	266272	0.21	cps
Terbium	159-1	11270650	10786467	11162326	11073147	2.29	cps
Terbium	159-2	6784674	6659357	6639848	6694626	1.17	cps
Thallium	203-1	143	170	173	162	10.13	cps
Thallium	205-1	287	313	317	306	5.38	cps
Tin	118-1	830	733	760	774	6.45	cps
Titanium	47-1	83	107	113	101	15.58	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P7
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:31:32	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	17	0	10	88.20	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	13328206	12636886	13189655	13051582	2.80	cps
Yttrium	89-2	2972539	2949961	2888877	2937126	1.47	cps
Zinc	66-2	253	263	277	264	4.43	cps
Zirconium	90-1	480	420	483	461	7.73	cps
Zirconium	91-1	117	127	80	108	22.80	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P7
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:34:49	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1552817	1524070	1530697	1535861	0.98	cps
Antimony	121-1	3303945	3295693	3246237	3281958	0.95	cps
Arsenic	75-2	138394	137621	137372	137796	0.39	cps
Barium	135-1	4452401	4381631	4440867	4424966	0.86	cps
Barium	137-1	7596314	7658996	7705335	7653548	0.71	cps
Beryllium	9-1	841561	836268	830102	835977	0.69	cps
Bismuth	209-1	6335652	6314735	6365600	6338662	0.40	cps
Bismuth	209-2	4275971	4382841	4350998	4336603	1.27	cps
Bromine	81-1	9146	8239	8943	8776	5.42	cps
Bromine	81-2	73	63	97	78	22.00	cps
Cadmium	108-1	64851	64104	64402	64452	0.58	cps
Cadmium	106-1	95431	93217	96326	94991	1.69	cps
Cadmium	111-1	830319	831644	825415	829126	0.40	cps
Calcium	43-1	1079856	1064752	1055073	1066560	1.17	cps
Calcium	44-1	15448843	15391879	15323502	15388075	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1222771	1208188	1217344	1216101	0.61	cps
Cobalt	59-2	1809306	1769535	1777871	1785571	1.17	cps
Copper	63-2	12700911	12680542	12697844	12693099	0.09	cps
Dysprosium	156-1	310	283	293	296	4.56	cps
Dysprosium	156-2	303	287	297	296	2.84	cps
Erbium	164-1	153	167	140	153	8.70	cps
Erbium	164-2	93	67	83	81	16.60	cps
Gadolinium	160-1	240	217	250	236	7.26	cps
Gadolinium	160-2	447	480	453	460	3.83	cps
Holmium	165-1	10336778	10491170	10454321	10427423	0.77	cps
Holmium	165-2	6359531	6453359	6502351	6438414	1.13	cps
Indium	115-1	7522815	7323803	7482340	7442986	1.41	cps
Indium	115-2	2216167	2195483	2231650	2214433	0.82	cps
Iron	56-2	52211319	52022141	51765299	51999586	0.43	cps
Iron	57-2	1398434	1394558	1395717	1396236	0.14	cps
Iron	54-2	2934314	2902199	2880597	2905703	0.93	cps
Krypton	83-1	133	173	167	158	13.58	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P7
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:34:49	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13928681	14209408	14309027	14149039	1.39	cps
Lead	207-1	12457091	12675661	12560961	12564571	0.87	cps
Lead	208-1	56300720	56888043	57001681	56730148	0.66	cps
Lithium	6-1	2445406	2459002	2403482	2435964	1.19	cps
Magnesium	24-2	14382865	14215206	14076826	14224966	1.08	cps
Manganese	55-2	8709124	8630517	8542019	8627220	0.97	cps
Molybdenum	94-1	11614298	11574711	11459709	11549573	0.70	cps
Molybdenum	95-1	16711129	16771083	16349058	16610423	1.37	cps
Molybdenum	96-1	18326558	18118979	17917506	18121014	1.13	cps
Molybdenum	97-1	10596391	10326004	10398184	10440193	1.34	cps
Molybdenum	98-1	27211449	26721092	26723095	26885212	1.05	cps
Neodymium	150-1	377	473	363	404	14.84	cps
Neodymium	150-2	80	90	90	87	6.66	cps
Nickel	60-2	464412	461456	463430	463100	0.33	cps
Phosphorus	31-2	80507	78995	79016	79506	1.09	cps
Potassium	39-2	7037957	6927443	7005321	6990240	0.81	cps
Rhodium	103-1	6795757	6571813	6606271	6657947	1.81	cps
Rhodium	103-2	3685590	3594444	3610182	3630072	1.34	cps
Scandium	45-1	4359882	4342476	4332848	4345069	0.32	cps
Scandium	45-2	346055	345007	342148	344403	0.59	cps
Selenium	82-1	52258	52381	51783	52141	0.61	cps
Selenium	77-2	4431	4334	4417	4394	1.19	cps
Selenium	78-2	14027	14270	14140	14146	0.86	cps
Silicon	28-1	30063647	29461760	28935051	29486820	1.92	cps
Silver	107-1	4062565	4068682	4081359	4070869	0.24	cps
Silver	109-1	3915912	3893754	3893773	3901146	0.33	cps
Sodium	23-2	23244738	23113079	23084265	23147360	0.37	cps
Strontium	86-1	26649806	26609680	26354195	26537894	0.60	cps
Strontium	88-1	232562990	233730937	230178117	232157348	0.78	cps
Sulfur	34-1	535523	513504	496074	515034	3.84	cps
Terbium	159-1	10719677	10640231	10704073	10687993	0.39	cps
Terbium	159-2	6294501	6429395	6454030	6392642	1.34	cps
Thallium	203-1	3445582	3513027	3582327	3513645	1.95	cps
Thallium	205-1	8237431	8336611	8201410	8258484	0.85	cps
Tin	118-1	2784960	2819721	2780140	2794940	0.77	cps
Titanium	47-1	4132763	4125311	4012392	4090155	1.65	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P7
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:34:49	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11397950	11534442	11486478	11472957	0.60	cps
Vanadium	51-2	1052085	1050222	1051446	1051251	0.09	cps
Yttrium	89-1	12363257	12014411	11936520	12104729	1.88	cps
Yttrium	89-2	2702415	2658057	2666926	2675799	0.88	cps
Zinc	66-2	2123908	2124642	2057203	2101918	1.84	cps
Zirconium	90-1	5580831	5571237	5519858	5557309	0.59	cps
Zirconium	91-1	1265837	1259629	1263920	1263129	0.25	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P7
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:37:35	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1759064	1795341	1745119	1766508	1.47	cps
Antimony	121-1	3697247	3803737	3773791	3758258	1.46	cps
Arsenic	75-2	160220	161036	159287	160181	0.55	cps
Barium	135-1	5028735	5126664	5259895	5138431	2.26	cps
Barium	137-1	8838896	8823843	9020972	8894570	1.23	cps
Beryllium	9-1	923890	942715	937929	934845	1.05	cps
Bismuth	209-1	6338294	6333716	6445122	6372378	0.99	cps
Bismuth	209-2	4974276	4475204	4469398	4639626	6.25	cps
Bromine	81-1	8439	8366	8796	8534	2.70	cps
Bromine	81-2	80	70	63	71	11.80	cps
Cadmium	108-1	73076	74125	73699	73633	0.72	cps
Cadmium	106-1	106658	109519	109129	108435	1.43	cps
Cadmium	111-1	944852	956335	966369	955852	1.13	cps
Calcium	43-1	1198496	1216757	1212394	1209215	0.79	cps
Calcium	44-1	17337855	17544122	17699965	17527314	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1372837	1395105	1374395	1380779	0.90	cps
Cobalt	59-2	2089441	2110658	2117575	2105891	0.70	cps
Copper	63-2	14553919	14662627	14826674	14681073	0.94	cps
Dysprosium	156-1	260	260	307	276	9.78	cps
Dysprosium	156-2	327	367	317	337	7.86	cps
Erbium	164-1	170	180	140	163	12.74	cps
Erbium	164-2	90	107	87	94	11.35	cps
Gadolinium	160-1	303	343	283	310	9.85	cps
Gadolinium	160-2	593	513	563	557	7.26	cps
Holmium	165-1	10501006	10505104	10748768	10584959	1.34	cps
Holmium	165-2	7284125	6570520	6530393	6795013	6.24	cps
Indium	115-1	7444339	7426449	7547592	7472793	0.88	cps
Indium	115-2	2527512	2248685	2241264	2339154	6.98	cps
Iron	56-2	59962244	60202402	60519477	60228041	0.46	cps
Iron	57-2	1524668	1536265	1517435	1526123	0.62	cps
Iron	54-2	3383706	3449472	3420719	3417966	0.96	cps
Krypton	83-1	150	147	163	153	5.75	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P7
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:37:35	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16140094	16500221	16681266	16440527	1.68	cps
Lead	207-1	14370924	14603156	14787011	14587031	1.43	cps
Lead	208-1	64992575	65552305	66119096	65554659	0.86	cps
Lithium	6-1	2412868	2412578	2400397	2408614	0.30	cps
Magnesium	24-2	16369547	16553004	16330274	16417608	0.72	cps
Manganese	55-2	9886475	10005354	10004116	9965315	0.69	cps
Molybdenum	94-1	13147006	13331044	13387508	13288519	0.95	cps
Molybdenum	95-1	18853613	19139537	19174661	19055937	0.92	cps
Molybdenum	96-1	20549793	21038625	20936706	20841708	1.24	cps
Molybdenum	97-1	11760166	12049526	12078214	11962636	1.47	cps
Molybdenum	98-1	30553500	31291091	31233589	31026060	1.32	cps
Neodymium	150-1	427	467	497	463	7.58	cps
Neodymium	150-2	100	93	127	107	16.54	cps
Nickel	60-2	536118	539693	535916	537242	0.40	cps
Phosphorus	31-2	89684	91411	90884	90660	0.98	cps
Potassium	39-2	8157587	8145075	8103977	8135546	0.34	cps
Rhodium	103-1	6641888	6655345	6742210	6679814	0.82	cps
Rhodium	103-2	4066580	3636289	3659817	3787562	6.39	cps
Scandium	45-1	4253459	4236782	4305998	4265413	0.85	cps
Scandium	45-2	391421	353739	345298	363486	6.76	cps
Selenium	82-1	59459	59660	59796	59638	0.28	cps
Selenium	77-2	4878	4878	4904	4886	0.31	cps
Selenium	78-2	17040	16493	16763	16765	1.63	cps
Silicon	28-1	29336009	29440962	29457518	29411496	0.22	cps
Silver	107-1	4650065	4637738	4704566	4664123	0.76	cps
Silver	109-1	4440910	4397334	4465914	4434719	0.78	cps
Sodium	23-2	26703745	26684747	26658240	26682244	0.09	cps
Strontium	86-1	30429614	30685753	30858065	30657811	0.70	cps
Strontium	88-1	266754823	268696136	269748916	268399958	0.57	cps
Sulfur	34-1	516827	514794	512810	514810	0.39	cps
Terbium	159-1	10640174	10879844	11068872	10862964	1.98	cps
Terbium	159-2	7223887	6565660	6456077	6748541	6.15	cps
Thallium	203-1	4033498	4049428	4106795	4063241	0.95	cps
Thallium	205-1	9514995	9808365	9757423	9693594	1.62	cps
Tin	118-1	3155346	3235179	3225172	3205232	1.36	cps
Titanium	47-1	4597969	4697769	4689339	4661692	1.19	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P7
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:37:35	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13317010	13505762	13489109	13437294	0.78	cps
Vanadium	51-2	1222163	1224829	1235865	1227619	0.59	cps
Yttrium	89-1	12055394	12241726	12374391	12223837	1.31	cps
Yttrium	89-2	3036753	2709914	2660372	2802346	7.30	cps
Zinc	66-2	2411777	2410951	2388672	2403800	0.55	cps
Zirconium	90-1	6310166	6417745	6483363	6403758	1.37	cps
Zirconium	91-1	1414032	1422500	1447742	1428091	1.23	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P7
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:40:19	DataFile Name :	042DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1719436	1756708	1754326	1743490	1.20	cps
Antimony	121-1	3659685	3731037	3766358	3719027	1.46	cps
Arsenic	75-2	157212	156616	155703	156510	0.49	cps
Barium	135-1	5080141	5076732	5016077	5057650	0.71	cps
Barium	137-1	8769158	8867307	8865870	8834112	0.64	cps
Beryllium	9-1	908523	921437	918819	916260	0.75	cps
Bismuth	209-1	6318565	6259771	6446101	6341479	1.50	cps
Bismuth	209-2	4564467	4561075	4465901	4530481	1.24	cps
Bromine	81-1	9013	8989	9196	9066	1.25	cps
Bromine	81-2	90	67	53	70	26.51	cps
Cadmium	108-1	72356	73461	74071	73296	1.19	cps
Cadmium	106-1	106188	107104	108071	107121	0.88	cps
Cadmium	111-1	935817	949903	952095	945939	0.93	cps
Calcium	43-1	1184380	1196638	1191563	1190860	0.52	cps
Calcium	44-1	17158361	17371679	17187633	17239224	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1341529	1333079	1367694	1347434	1.34	cps
Cobalt	59-2	2065696	2054075	2068305	2062692	0.37	cps
Copper	63-2	14477863	14324271	14409613	14403915	0.53	cps
Dysprosium	156-1	253	290	347	297	15.85	cps
Dysprosium	156-2	357	317	337	337	5.94	cps
Erbium	164-1	177	180	177	178	1.08	cps
Erbium	164-2	57	120	77	84	38.34	cps
Gadolinium	160-1	290	273	293	286	3.75	cps
Gadolinium	160-2	543	497	497	512	5.26	cps
Holmium	165-1	10659534	10532136	10654120	10615263	0.68	cps
Holmium	165-2	6776020	6571302	6619246	6655522	1.61	cps
Indium	115-1	7535911	7448831	7543431	7509391	0.70	cps
Indium	115-2	2350746	2308932	2287513	2315731	1.39	cps
Iron	56-2	59397641	59813074	59438832	59549849	0.38	cps
Iron	57-2	1508121	1528153	1506387	1514220	0.80	cps
Iron	54-2	3393883	3364887	3347438	3368736	0.70	cps
Krypton	83-1	173	140	157	157	10.64	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P7
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:40:19	DataFile Name :	042DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16023241	16289806	16398825	16237291	1.19	cps
Lead	207-1	14125910	14403225	14693027	14407387	1.97	cps
Lead	208-1	64006354	65207528	65907673	65040518	1.48	cps
Lithium	6-1	2412825	2382633	2446038	2413832	1.31	cps
Magnesium	24-2	16178490	16074985	15994057	16082510	0.57	cps
Manganese	55-2	9939144	10016575	9799696	9918471	1.11	cps
Molybdenum	94-1	13084682	13241000	13306769	13210817	0.86	cps
Molybdenum	95-1	18930925	19095825	18928188	18984979	0.51	cps
Molybdenum	96-1	20571424	20651695	20626060	20616393	0.20	cps
Molybdenum	97-1	11833331	11819643	11850317	11834430	0.13	cps
Molybdenum	98-1	30199088	30710691	30769245	30559675	1.03	cps
Neodymium	150-1	450	457	513	473	7.35	cps
Neodymium	150-2	67	123	107	99	29.45	cps
Nickel	60-2	530796	528294	528966	529352	0.24	cps
Phosphorus	31-2	89318	90525	88809	89551	0.98	cps
Potassium	39-2	7969317	7993639	7923535	7962164	0.45	cps
Rhodium	103-1	6559689	6572901	6640835	6591142	0.66	cps
Rhodium	103-2	3768122	3743226	3690819	3734056	1.06	cps
Scandium	45-1	4238702	4255617	4269799	4254706	0.37	cps
Scandium	45-2	354124	351123	348909	351386	0.74	cps
Selenium	82-1	58741	59082	58820	58881	0.30	cps
Selenium	77-2	5024	4948	4994	4989	0.77	cps
Selenium	78-2	16743	16062	16199	16335	2.20	cps
Silicon	28-1	31131085	31156310	31167215	31151537	0.06	cps
Silver	107-1	4594919	4632856	4614357	4614044	0.41	cps
Silver	109-1	4408755	4415870	4455121	4426582	0.56	cps
Sodium	23-2	26423268	26189226	26086798	26233097	0.66	cps
Strontium	86-1	29819140	30369144	30473953	30220746	1.16	cps
Strontium	88-1	263129756	264221123	267810636	265053838	0.92	cps
Sulfur	34-1	504769	503238	505598	504535	0.24	cps
Terbium	159-1	10868541	10948230	10893889	10903553	0.37	cps
Terbium	159-2	6591985	6582333	6608678	6594332	0.20	cps
Thallium	203-1	3978838	4000286	4134240	4037788	2.09	cps
Thallium	205-1	9408690	9471115	9644560	9508122	1.29	cps
Tin	118-1	3158341	3227619	3177496	3187819	1.12	cps
Titanium	47-1	4526874	4602546	4551555	4560325	0.85	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P7
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:40:19	DataFile Name :	042DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13161563	13326405	13435800	13307923	1.04	cps
Vanadium	51-2	1205047	1200752	1207258	1204353	0.27	cps
Yttrium	89-1	12309868	12178768	12325567	12271401	0.66	cps
Yttrium	89-2	2823213	2699285	2690987	2737828	2.71	cps
Zinc	66-2	2381016	2394281	2379812	2385036	0.34	cps
Zirconium	90-1	6267144	6338242	6314183	6306523	0.57	cps
Zirconium	91-1	1402172	1424175	1430244	1418863	1.04	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157613BL	Instrumnet Name :	P7
Client Sample ID :	PB157613BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:45	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137	177	170	161	13.30	cps
Antimony	121-1	820	873	1017	903	11.26	cps
Arsenic	75-2	17	7	10	11	45.82	cps
Barium	135-1	30	33	20	28	24.98	cps
Barium	137-1	53	67	77	66	17.86	cps
Beryllium	9-1	103	160	170	144	24.89	cps
Bismuth	209-1	6499483	6462834	6471991	6478103	0.29	cps
Bismuth	209-2	4547047	4576371	4603906	4575775	0.62	cps
Bromine	81-1	10117	10394	10157	10223	1.46	cps
Bromine	81-2	87	93	63	81	19.43	cps
Cadmium	108-1	13	3	17	11	62.48	cps
Cadmium	106-1	4024	4301	4417	4247	4.76	cps
Cadmium	111-1	1221	1295	1327	1281	4.23	cps
Calcium	43-1	610	540	447	532	15.40	cps
Calcium	44-1	6188	6451	6165	6268	2.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1053	1170	1140	1121	5.40	cps
Cobalt	59-2	63	70	60	64	7.90	cps
Copper	63-2	3937	4114	3781	3944	4.23	cps
Dysprosium	156-1	3	0	0	1	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	93	90	90	91	2.11	cps
Erbium	164-2	27	50	40	39	30.10	cps
Gadolinium	160-1	33	53	40	42	24.12	cps
Gadolinium	160-2	363	313	363	347	8.33	cps
Holmium	165-1	10826468	10627756	10623962	10692729	1.08	cps
Holmium	165-2	6541182	6557329	6582549	6560353	0.32	cps
Indium	115-1	8180905	8183846	8021852	8128868	1.14	cps
Indium	115-2	2454549	2425457	2442874	2440960	0.60	cps
Iron	56-2	6648	6698	6898	6748	1.96	cps
Iron	57-2	820	887	780	829	6.50	cps
Iron	54-2	1170	1127	1170	1156	2.17	cps
Krypton	83-1	133	137	163	144	11.38	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157613BL	Instrumnet Name :	P7
Client Sample ID :	PB157613BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:45	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	827	763	800	797	3.99	cps
Lead	207-1	653	673	703	677	3.72	cps
Lead	208-1	3067	3130	3277	3158	3.41	cps
Lithium	6-1	2527304	2513076	2467466	2502615	1.25	cps
Magnesium	24-2	633	583	607	608	4.12	cps
Manganese	55-2	170	170	220	187	15.46	cps
Molybdenum	94-1	423	357	373	384	9.02	cps
Molybdenum	95-1	240	223	243	236	4.55	cps
Molybdenum	96-1	320	237	263	273	15.57	cps
Molybdenum	97-1	167	133	143	148	11.57	cps
Molybdenum	98-1	447	307	320	358	21.60	cps
Neodymium	150-1	13	3	7	8	65.47	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	97	120	47	88	42.68	cps
Phosphorus	31-2	263	347	283	298	14.61	cps
Potassium	39-2	58006	58733	58321	58353	0.62	cps
Rhodium	103-1	7423903	7327055	7426763	7392574	0.77	cps
Rhodium	103-2	4058053	3961310	3981189	4000184	1.28	cps
Scandium	45-1	4767815	4823002	4748195	4779671	0.81	cps
Scandium	45-2	370004	373664	372298	371989	0.50	cps
Selenium	82-1	253	239	275	256	7.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	103	123	123	16.22	cps
Silicon	28-1	726869	724515	717362	722915	0.68	cps
Silver	107-1	150	150	147	149	1.29	cps
Silver	109-1	93	107	133	111	18.33	cps
Sodium	23-2	25528	25378	25601	25502	0.45	cps
Strontium	86-1	420	407	420	416	1.85	cps
Strontium	88-1	1247	1167	1500	1305	13.34	cps
Sulfur	34-1	246389	249788	251026	249068	0.96	cps
Terbium	159-1	10914207	11026699	10990591	10977165	0.52	cps
Terbium	159-2	6610518	6673402	6595177	6626366	0.63	cps
Thallium	203-1	243	210	220	224	7.62	cps
Thallium	205-1	527	497	540	521	4.26	cps
Tin	118-1	813	710	863	796	9.83	cps
Titanium	47-1	110	140	123	124	12.08	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	PB157613BL	Instrumnet Name :	P7
Client Sample ID :	PB157613BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:45	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63	37	93	64	43.99	cps
Vanadium	51-2	3	7	20	10	88.20	cps
Yttrium	89-1	13331417	13094712	13044518	13156882	1.16	cps
Yttrium	89-2	2864522	2879373	2871108	2871668	0.26	cps
Zinc	66-2	310	317	283	303	5.81	cps
Zirconium	90-1	603	803	840	749	17.01	cps
Zirconium	91-1	137	167	163	156	10.57	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:06:00	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8329327	8404989	8339867	8358061	0.49	cps
Antimony	121-1	3478691	3576620	3545690	3533667	1.42	cps
Arsenic	75-2	153895	154191	154292	154126	0.13	cps
Barium	135-1	4781472	4898563	4947260	4875765	1.75	cps
Barium	137-1	8364839	8477674	8477361	8439958	0.77	cps
Beryllium	9-1	886025	894749	895893	892222	0.60	cps
Bismuth	209-1	5697097	5808359	5811897	5772451	1.13	cps
Bismuth	209-2	4022564	4009744	4040733	4024347	0.39	cps
Bromine	81-1	8976	9416	9253	9215	2.42	cps
Bromine	81-2	177	157	120	151	19.02	cps
Cadmium	108-1	69120	71026	69837	69994	1.38	cps
Cadmium	106-1	101729	103384	102703	102605	0.81	cps
Cadmium	111-1	891172	896979	900516	896222	0.53	cps
Calcium	43-1	4980872	5051114	5078116	5036701	1.00	cps
Calcium	44-1	78427752	80727745	80392235	79849244	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1318584	1316199	1315816	1316866	0.11	cps
Cobalt	59-2	1998025	2009973	1982590	1996863	0.69	cps
Copper	63-2	13749279	13643184	13790016	13727493	0.55	cps
Dysprosium	156-1	970	927	1063	987	7.08	cps
Dysprosium	156-2	703	740	813	752	7.45	cps
Erbium	164-1	240	263	263	256	5.27	cps
Erbium	164-2	157	150	153	153	2.17	cps
Gadolinium	160-1	923	1110	1000	1011	9.28	cps
Gadolinium	160-2	1047	893	1010	983	8.14	cps
Holmium	165-1	10019494	10230445	10202975	10150971	1.13	cps
Holmium	165-2	6283603	6229865	6341345	6284938	0.89	cps
Indium	115-1	6998663	6976077	7146629	7040456	1.32	cps
Indium	115-2	2118434	2122877	2149378	2130230	0.79	cps
Iron	56-2	278103769	277391023	274115269	276536687	0.77	cps
Iron	57-2	7080796	7003574	6917014	7000462	1.17	cps
Iron	54-2	15492660	15431444	15253877	15392660	0.81	cps
Krypton	83-1	120	153	150	141	13.01	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:06:00	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14833384	14951740	15131929	14972351	1.00	cps
Lead	207-1	13338881	13324987	13433726	13365865	0.44	cps
Lead	208-1	60076515	60342198	60312673	60243795	0.24	cps
Lithium	6-1	2241112	2240426	2276179	2252572	0.91	cps
Magnesium	24-2	77781981	78336361	78321966	78146769	0.40	cps
Manganese	55-2	9460038	9356326	9305422	9373929	0.84	cps
Molybdenum	94-1	12690784	12921246	12824771	12812267	0.90	cps
Molybdenum	95-1	18086004	18459746	18247478	18264409	1.03	cps
Molybdenum	96-1	19867530	20291698	19990391	20049873	1.09	cps
Molybdenum	97-1	11422013	11632694	11515414	11523374	0.92	cps
Molybdenum	98-1	29334035	29909370	29700312	29647905	0.98	cps
Neodymium	150-1	587	620	597	601	2.85	cps
Neodymium	150-2	133	190	133	152	21.49	cps
Nickel	60-2	503989	505995	501496	503827	0.45	cps
Phosphorus	31-2	85775	85514	86888	86059	0.85	cps
Potassium	39-2	37229817	37377257	37917906	37508327	0.97	cps
Rhodium	103-1	6049095	6187806	6188788	6141896	1.31	cps
Rhodium	103-2	3360008	3348726	3371798	3360177	0.34	cps
Scandium	45-1	4096741	4139876	4201453	4146023	1.27	cps
Scandium	45-2	333869	336669	339760	336766	0.88	cps
Selenium	82-1	55347	56302	55472	55707	0.93	cps
Selenium	77-2	4667	4704	4781	4717	1.23	cps
Selenium	78-2	15962	16012	15855	15943	0.50	cps
Silicon	28-1	32431517	32642177	32467048	32513581	0.35	cps
Silver	107-1	4393607	4472650	4429996	4432085	0.89	cps
Silver	109-1	4189860	4226598	4207526	4207994	0.44	cps
Sodium	23-2	125985055	126503791	126140181	126209676	0.21	cps
Strontium	86-1	28678238	29198835	29058058	28978377	0.93	cps
Strontium	88-1	249648050	255648763	253784236	253027016	1.21	cps
Sulfur	34-1	514546	510301	509491	511446	0.53	cps
Terbium	159-1	10210069	10483424	10376790	10356761	1.33	cps
Terbium	159-2	6211732	6231542	6310067	6251114	0.83	cps
Thallium	203-1	3715198	3772774	3758676	3748883	0.80	cps
Thallium	205-1	8723273	8891039	8889782	8834698	1.09	cps
Tin	118-1	2965515	3055793	3015292	3012200	1.50	cps
Titanium	47-1	4427897	4547106	4521420	4498808	1.39	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:06:00	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12749458	12926697	12823121	12833092	0.69	cps
Vanadium	51-2	1160945	1156229	1157219	1158131	0.21	cps
Yttrium	89-1	11610985	11815347	11797594	11741309	0.96	cps
Yttrium	89-2	2589491	2590306	2599419	2593072	0.21	cps
Zinc	66-2	2253951	2204065	2239861	2232626	1.15	cps
Zirconium	90-1	6199147	6200561	6208098	6202602	0.08	cps
Zirconium	91-1	1378153	1408161	1405797	1397370	1.19	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:15:08	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	193	157	191	17.47	cps
Antimony	121-1	950	1250	1193	1131	14.09	cps
Arsenic	75-2	0	3	3	2	86.60	cps
Barium	135-1	43	53	50	49	10.42	cps
Barium	137-1	83	67	67	72	13.32	cps
Beryllium	9-1	150	120	173	148	18.09	cps
Bismuth	209-1	6385621	6522855	5877787	6262088	5.43	cps
Bismuth	209-2	4653397	4572292	4625384	4617024	0.89	cps
Bromine	81-1	9687	9837	9613	9712	1.17	cps
Bromine	81-2	97	93	123	104	15.75	cps
Cadmium	108-1	13	10	7	10	33.30	cps
Cadmium	106-1	4131	4177	3827	4045	4.70	cps
Cadmium	111-1	1263	1270	1154	1229	5.31	cps
Calcium	43-1	533	460	447	480	9.72	cps
Calcium	44-1	6245	6345	6275	6288	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1020	1187	993	1067	9.82	cps
Cobalt	59-2	70	103	107	93	21.72	cps
Copper	63-2	3487	3397	3787	3557	5.74	cps
Dysprosium	156-1	3	7	10	7	50.03	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	97	97	87	93	6.19	cps
Erbium	164-2	27	47	37	37	27.27	cps
Gadolinium	160-1	43	47	53	48	10.66	cps
Gadolinium	160-2	410	410	327	382	12.59	cps
Holmium	165-1	10267122	10600515	9577461	10148366	5.14	cps
Holmium	165-2	6678856	6631007	6621914	6643926	0.46	cps
Indium	115-1	7750079	8047444	7209396	7668973	5.54	cps
Indium	115-2	2407836	2405135	2413436	2408803	0.18	cps
Iron	56-2	9083	8756	9203	9014	2.57	cps
Iron	57-2	843	750	783	792	5.97	cps
Iron	54-2	1200	1207	1313	1240	5.13	cps
Krypton	83-1	113	170	190	158	25.21	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:15:08	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	940	990	877	936	6.07	cps
Lead	207-1	860	873	867	867	0.77	cps
Lead	208-1	3780	3857	3784	3807	1.14	cps
Lithium	6-1	2413275	2452102	2258447	2374608	4.31	cps
Magnesium	24-2	977	947	1010	978	3.24	cps
Manganese	55-2	170	183	153	169	8.90	cps
Molybdenum	94-1	627	593	617	612	2.79	cps
Molybdenum	95-1	320	347	417	361	13.83	cps
Molybdenum	96-1	387	410	473	423	10.59	cps
Molybdenum	97-1	213	200	213	209	3.69	cps
Molybdenum	98-1	550	603	533	562	6.50	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	77	107	87	90	16.97	cps
Phosphorus	31-2	357	283	347	329	12.09	cps
Potassium	39-2	56846	57314	56725	56962	0.55	cps
Rhodium	103-1	7022123	7292737	6628255	6981038	4.79	cps
Rhodium	103-2	3977065	3952818	3952432	3960772	0.36	cps
Scandium	45-1	4411145	4612246	4177517	4400303	4.94	cps
Scandium	45-2	367486	368146	369614	368415	0.30	cps
Selenium	82-1	283	205	227	239	16.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	123	120	107	117	7.56	cps
Silicon	28-1	656989	661860	681751	666867	1.97	cps
Silver	107-1	227	223	233	228	2.24	cps
Silver	109-1	193	173	190	186	5.77	cps
Sodium	23-2	31566	31546	31312	31474	0.45	cps
Strontium	86-1	430	480	520	477	9.46	cps
Strontium	88-1	1817	1847	1677	1780	5.10	cps
Sulfur	34-1	217302	217522	217097	217307	0.10	cps
Terbium	159-1	10639874	10999191	9988688	10542584	4.86	cps
Terbium	159-2	6701680	6589694	6630759	6640711	0.85	cps
Thallium	203-1	240	250	320	270	16.15	cps
Thallium	205-1	670	660	703	678	3.35	cps
Tin	118-1	843	837	783	821	4.01	cps
Titanium	47-1	153	127	113	131	15.53	cps

LB Number :	LB128772	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:15:08	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	70	133	93	37.29	cps
Vanadium	51-2	7	10	20	12	56.76	cps
Yttrium	89-1	12417282	12807569	11524259	12249703	5.37	cps
Yttrium	89-2	2841504	2839531	2845416	2842150	0.11	cps
Zinc	66-2	267	327	317	303	10.60	cps
Zirconium	90-1	1057	1110	1123	1097	3.22	cps
Zirconium	91-1	230	237	210	226	6.15	cps