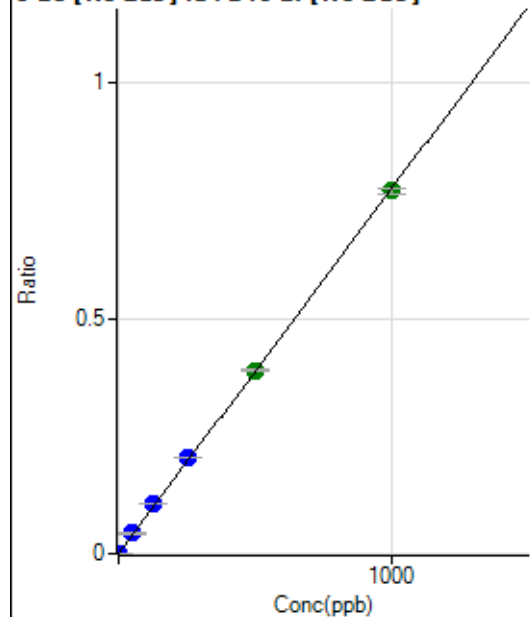


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7120623 MS.b\
 Analysis File: P7120623 MS.batch.bin
 DA Date-Time: 2023-12-07 09:06:34
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-12-06 14:12:20
2	006CALS.d	S02	2023-12-06 14:18:51
3	007CALS.d	S03	2023-12-06 14:22:05
4	008CALS.d	S04	2023-12-06 14:25:10
5	009CALS.d	S05	2023-12-06 14:28:03
6	010CALS.d	S06	2023-12-06 14:30:52
7	011CALS.d	S07	2023-12-06 14:33:39
8	012CALS.d	S08	2023-12-06 14:36:26

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131.11	0.0000	P	12.8
2	☐	1.000	1.086	2582.46	0.0009	P	2.2
3	☐	50.000	55.755	128866.39	0.0432	P	1.9
4	☐	125.000	135.716	314173.64	0.1052	P	0.8
5	☐	250.000	263.194	598001.24	0.2039	P	0.9
6	☐	500.000	501.513	1135308.79	0.3886	A	1.4
7	☐	1000.000	994.318	2206498.47	0.7703	A	1.8
8	☐			855.59	0.0003	P	20.4

$$y = 7.7469\text{E-}004 * x + 4.4357\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02201$$

$$BEC = 0.05726$$

Weight: <None>

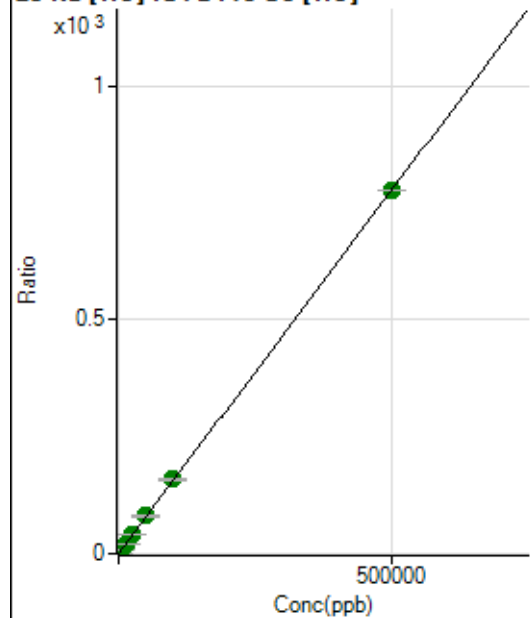
Min Conc: 0

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	18750.37	0.0472	P	0.8
2	☐	500.000	515.312	343116.72	0.8484	P	0.5
3	☐	5000.000	5269.338	3218946.62	8.2402	A	1.2
4	☐	12500.000	13145.096	7556076.97	20.4859	A	1.3
5	☐	25000.000	26137.396	14801059.64	40.6870	A	0.3
6	☐	50000.000	51627.740	29864577.05	80.3208	A	0.3
7	☐	100000.00	102264.23	58960495.23	159.0532	A	1.5
8	☐	500000.00	499308.67	271873362.6	776.3995	A	0.1

$$y = 0.0016 * x + 0.0472$$

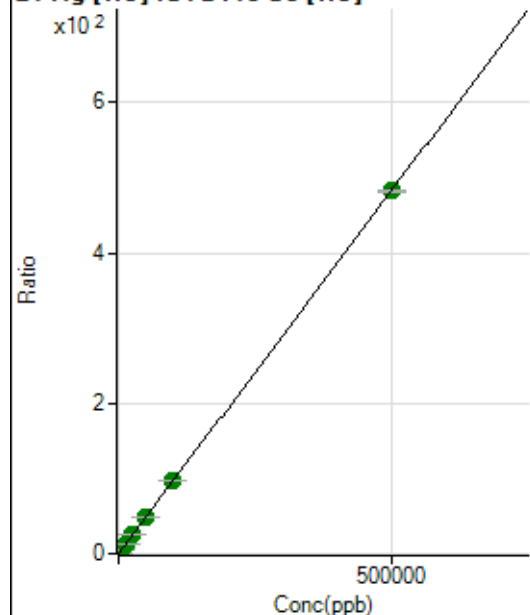
$$R = 1.0000$$

$$DL = 0.7087$$

$$BEC = 30.34$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	168.89	0.0004	P	13.1
2	☐	500.000	518.290	202610.35	0.5010	P	0.7
3	☐	5000.000	5314.033	2005073.35	5.1327	A	0.7
4	☐	12500.000	13103.869	4668196.81	12.6561	A	1.5
5	☐	25000.000	25862.160	9086431.25	24.9780	A	0.6
6	☐	50000.000	51259.379	18407352.50	49.5066	A	0.7
7	☐	100000.00	100612.89	36021693.35	97.1721	A	1.3
8	☐	500000.00	499690.11	168991283.0	482.5999	A	0.4

$$y = 9.6580E-004 * x + 4.2474E-004$$

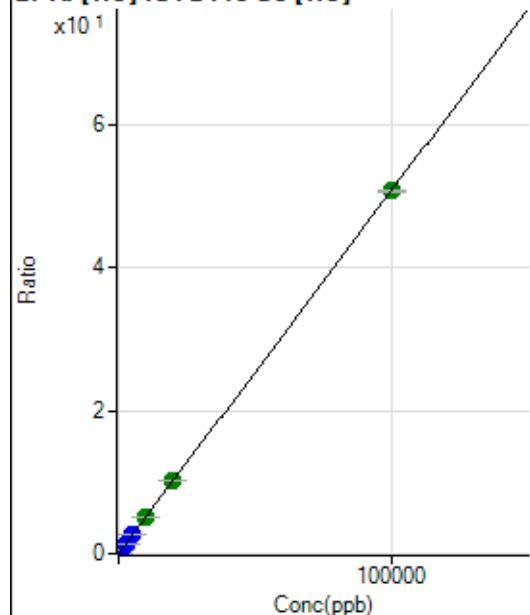
$$R = 1.0000$$

$$DL = 0.1726$$

$$BEC = 0.4398$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	190.00	0.0005	P	15.3
2	☐	20.000	20.024	4305.10	0.0106	P	3.6
3	☐	1000.000	1117.165	221757.24	0.5677	P	0.6
4	☐	2500.000	2696.874	505226.09	1.3697	P	0.9
5	☐	5000.000	5351.094	988461.38	2.7172	P	0.2
6	☐	10000.000	10255.636	1936143.67	5.2073	A	0.6
7	☐	20000.000	20259.003	3813139.80	10.2860	A	0.4
8	☐	100000.00	99898.988	17760109.46	50.7191	A	0.6

$$y = 5.0770E-004 * x + 4.7800E-004$$

$$R = 1.0000$$

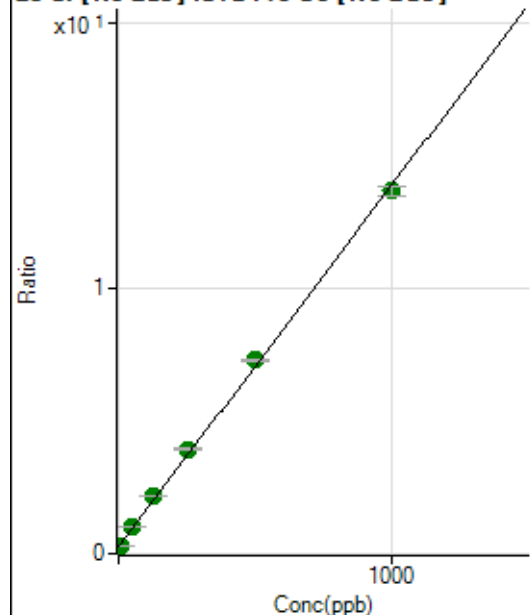
$$DL = 0.4319$$

$$BEC = 0.9415$$

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	1440225.64	0.2741	A	2.6
2	☐	10.000	-0.105	1444974.81	0.2727	A	2.5
3	☐	50.000	56.485	5439957.98	1.0422	A	0.6
4	☐	125.000	138.341	10747969.28	2.1552	A	0.5
5	☐	250.000	269.424	19196208.88	3.9376	A	0.8
6	☐	500.000	515.603	36148961.69	7.2851	A	1.2
7	☐	1000.000	985.452	67136071.22	13.6739	A	3.0
8	☐			1419874.13	0.3097	A	0.9

$$y = 0.0136 * x + 0.2741$$

$$R = 0.9994$$

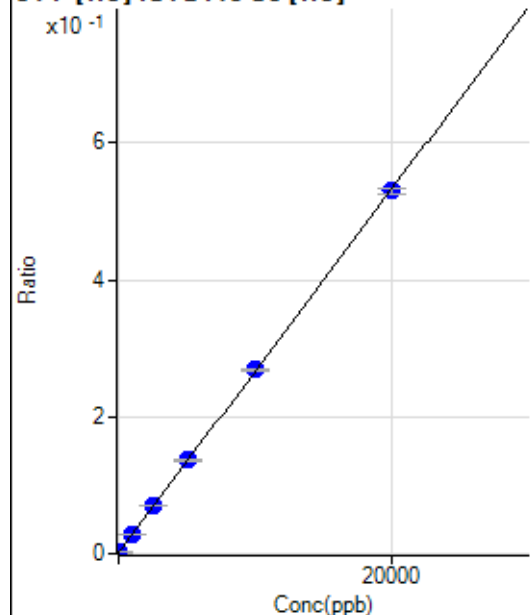
$$DL = 1.546$$

$$BEC = 20.16$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.215	354.45	0.0009	P	9.3
2	☐	0.000	13.215	644.47	0.0016	P	5.4
3	☐	1000.000	1048.134	11359.85	0.0291	P	1.2
4	☐	2500.000	2576.885	25699.45	0.0697	P	1.9
5	☐	5000.000	5108.907	49810.67	0.1369	P	1.2
6	☐	10000.000	10087.448	100070.99	0.2691	P	0.8
7	☐	20000.000	19917.032	196539.56	0.5302	P	1.4
8	☐			367.79	0.0011	P	12.9

$$y = 2.6558E-005 * x + 0.0012$$

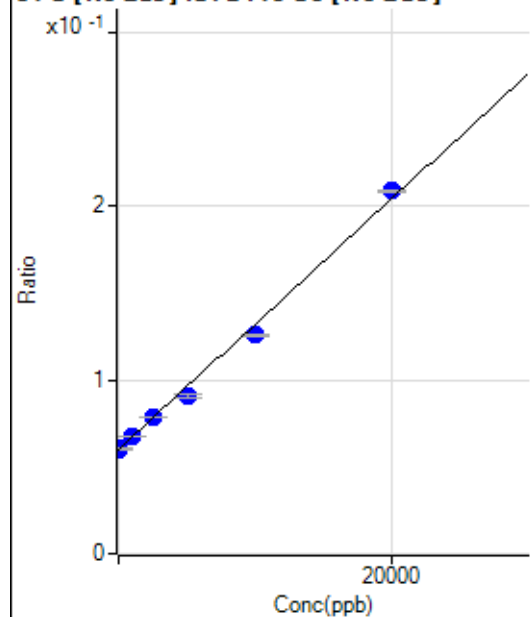
$$R = 1.0000$$

$$DL = 9.576$$

$$BEC = 46.79$$

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	-38.704	313828.41	0.0597	P	0.7
2	☐	0.000	38.704	319515.66	0.0603	P	1.3
3	☐	1000.000	1024.807	351789.57	0.0674	P	0.5
4	☐	2500.000	2569.160	391615.67	0.0785	P	1.0
5	☐	5000.000	4291.991	443303.87	0.0909	P	2.0
6	☐	10000.000	9088.458	622681.23	0.1255	P	1.3
7	☐	20000.000	20622.888	1024294.59	0.2086	P	0.9
8	☐			250852.33	0.0547	P	3.1

$$y = 7.2047\text{E-}006 * x + 0.0600$$

$$R = 0.9977$$

$$DL = 250.5$$

$$BEC = 8329$$

Weight: <None>

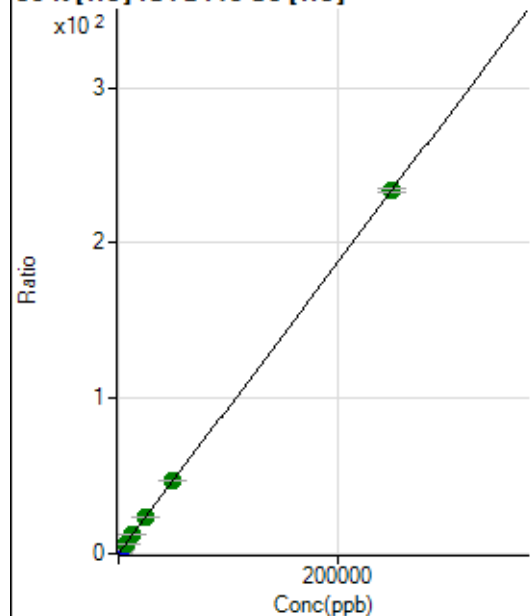
Min Conc: 0

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	56949.24	0.1433	P	0.7
2	☐	500.000	521.360	254789.75	0.6300	P	0.8
3	☐	2500.000	2747.299	1057948.73	2.7082	P	0.2
4	☐	6250.000	6431.863	2267653.42	6.1481	A	1.4
5	☐	12500.000	12756.942	4384617.37	12.0532	A	0.7
6	☐	25000.000	25116.373	8771902.65	23.5921	A	0.8
7	☐	50000.000	50122.486	17399765.30	46.9379	A	1.3
8	☐	250000.00	249943.95	81759778.78	233.4923	A	1.0

$$y = 9.3361\text{E-}004 * x + 0.1433$$

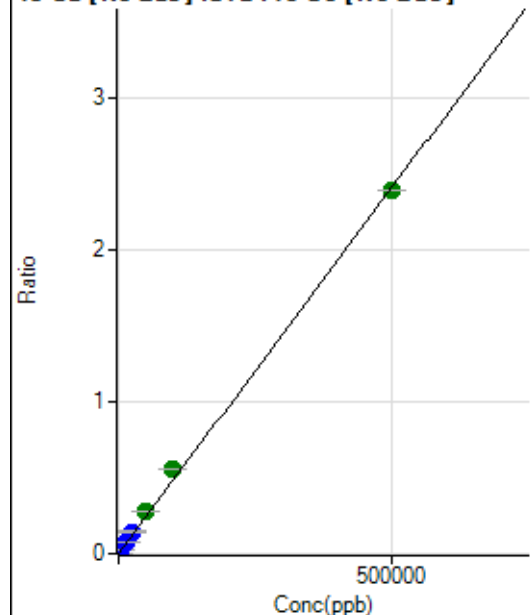
$$R = 1.0000$$

$$DL = 3.132$$

$$BEC = 153.5$$

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	647.80	0.0001	P	6.3
2	☐	500.000	520.516	13949.85	0.0026	P	3.4
3	☐	5000.000	6181.797	156206.89	0.0299	P	0.8
4	☐	12500.000	15339.735	369408.86	0.0741	P	0.7
5	☐	25000.000	29994.112	705498.17	0.1447	P	1.8
6	☐	50000.000	57621.322	1379113.44	0.2779	A	0.4
7	☐	100000.00	114435.62	2709839.84	0.5518	A	0.1
8	☐	500000.00	496018.20	10963853.73	2.3914	A	0.1

$$y = 4.8210E-006 * x + 1.2330E-004$$

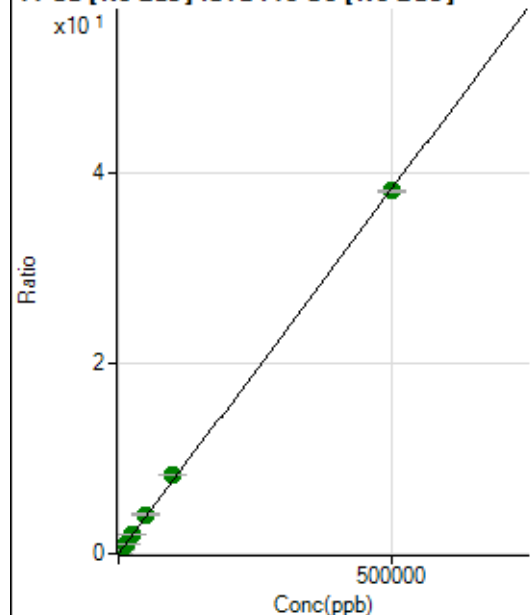
$$R = 0.9995$$

$$DL = 4.846$$

$$BEC = 25.58$$

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	17900.69	0.0034	P	1.1
2	☐	500.000	526.080	231211.02	0.0436	P	1.8
3	☐	5000.000	5662.172	2277547.85	0.4363	A	0.5
4	☐	12500.000	13875.691	5307734.40	1.0643	A	0.5
5	☐	25000.000	27155.435	10138316.73	2.0797	A	1.0
6	☐	50000.000	53832.786	20439899.97	4.1194	A	1.4
7	☐	100000.00	107904.64	40530135.78	8.2536	A	0.9
8	☐	500000.00	497886.98	174534444.0	38.0710	A	0.6

$$y = 7.6458E-005 * x + 0.0034$$

$$R = 0.9999$$

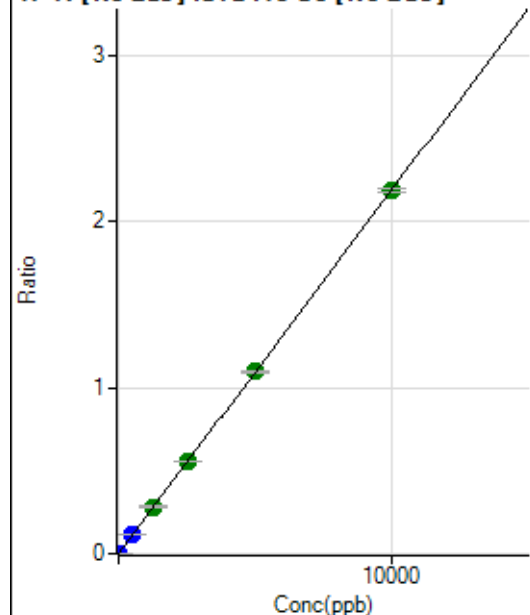
$$DL = 1.52$$

$$BEC = 44.56$$

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	104.44	0.0000	P	14.4
2	☐	5.000	5.130	6052.38	0.0011	P	2.2
3	☐	500.000	526.459	601259.42	0.1152	P	0.4
4	☐	1250.000	1283.092	1399829.43	0.2807	A	2.0
5	☐	2500.000	2546.760	2716000.83	0.5571	A	1.4
6	☐	5000.000	5002.437	5429904.85	1.0943	A	1.8
7	☐	10000.000	9981.632	10722601.93	2.1836	A	1.1
8	☐			3212.60	0.0007	P	11.6

$$y = 2.1876E-004 * x + 1.9879E-005$$

$$R = 1.0000$$

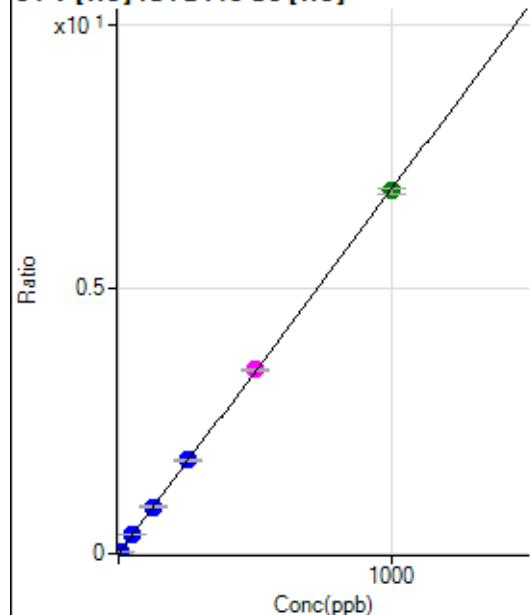
$$DL = 0.03932$$

$$BEC = 0.09087$$

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	13.33	0.0000	P	24.6
2	☐	5.000	5.062	14105.58	0.0349	P	1.1
3	☐	50.000	51.869	139498.33	0.3571	P	0.8
4	☐	125.000	128.854	327197.19	0.8871	P	0.9
5	☐	250.000	256.150	641479.92	1.7634	P	0.3
6	☐	500.000	504.675	1291786.53	3.4743	M	1.2
7	☐	1000.000	995.550	2540559.08	6.8535	A	1.4
8	☐			706.69	0.0020	P	13.2

$$y = 0.0069 * x + 3.3516E-005$$

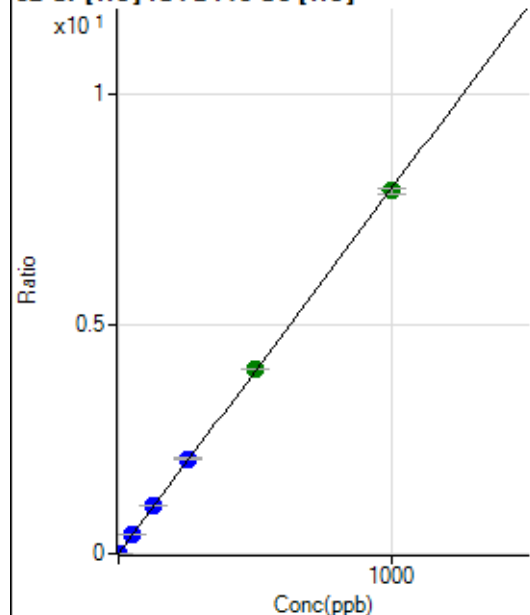
$$R = 1.0000$$

$$DL = 0.003587$$

$$BEC = 0.004869$$

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	1125.61	0.0028	P	2.1
2	☐	2.000	2.042	7705.36	0.0191	P	1.5
3	☐	50.000	52.947	165426.98	0.4235	P	0.4
4	☐	125.000	130.838	384436.84	1.0423	P	1.2
5	☐	250.000	260.285	753267.53	2.0707	P	0.3
6	☐	500.000	505.493	1494236.73	4.0187	A	0.7
7	☐	1000.000	993.805	2927837.11	7.8982	A	1.3
8	☐			8399.08	0.0240	P	0.7

$$y = 0.0079 * x + 0.0028$$

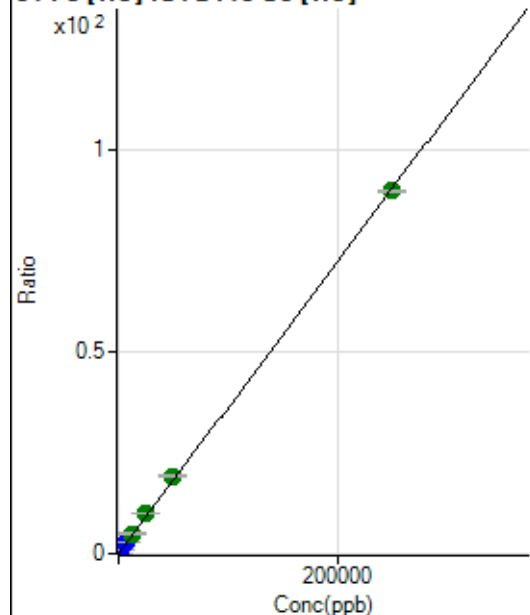
$$R = 0.9999$$

$$DL = 0.02221$$

$$BEC = 0.3565$$

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	1030.05	0.0026	P	2.3
2	☐	50.000	57.338	9423.02	0.0233	P	0.8
3	☐	2500.000	2975.726	420858.00	1.0773	P	0.6
4	☐	6250.000	7381.436	984321.23	2.6685	P	0.8
5	☐	12500.000	13769.351	1809946.21	4.9756	A	1.4
6	☐	25000.000	27271.891	3663219.29	9.8522	A	1.4
7	☐	50000.000	53254.636	7130966.84	19.2363	A	1.0
8	☐	250000.00	249025.37	31494419.53	89.9418	A	0.7

$$y = 3.6116E-004 * x + 0.0026$$

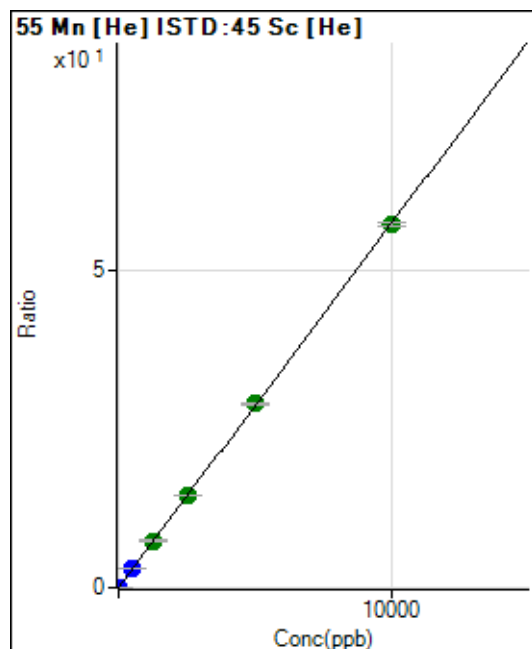
$$R = 0.9999$$

$$DL = 0.493$$

$$BEC = 7.174$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	114.45	0.0003	P	16.5
2	☐	1.000	1.000	2438.00	0.0060	P	1.8
3	☐	500.000	530.668	1189933.60	3.0461	P	0.8
4	☐	1250.000	1290.192	2731592.42	7.4055	A	0.5
5	☐	2500.000	2540.606	5304581.76	14.5823	A	0.9
6	☐	5000.000	5051.484	10780323.73	28.9937	A	1.0
7	☐	10000.000	9957.549	21186433.71	57.1525	A	1.2
8	☐			11124.50	0.0318	P	3.3

$$y = 0.0057 * x + 2.8807E-004$$

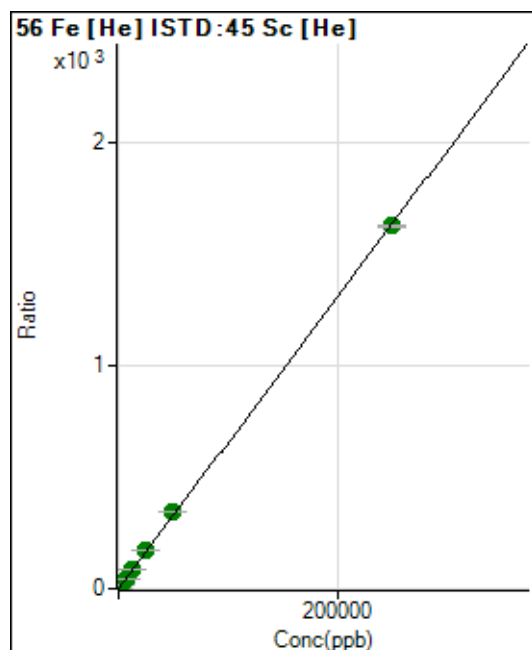
$$R = 1.0000$$

$$DL = 0.02489$$

$$BEC = 0.05019$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6319.16	0.0159	P	2.2
2	☐	50.000	56.243	155160.86	0.3837	P	0.8
3	☐	2500.000	2759.530	7055173.37	18.0604	A	0.9
4	☐	6250.000	6881.345	16603782.67	45.0129	A	0.8
5	☐	12500.000	13576.963	32301280.91	88.7955	A	0.5
6	☐	25000.000	26872.682	65341469.03	175.7360	A	0.6
7	☐	50000.000	52785.994	127958333.6	345.1828	A	1.3
8	☐	250000.00	249183.30	570567582.6	1,629.422	A	0.9

$$y = 0.0065 * x + 0.0159$$

$$R = 0.9999$$

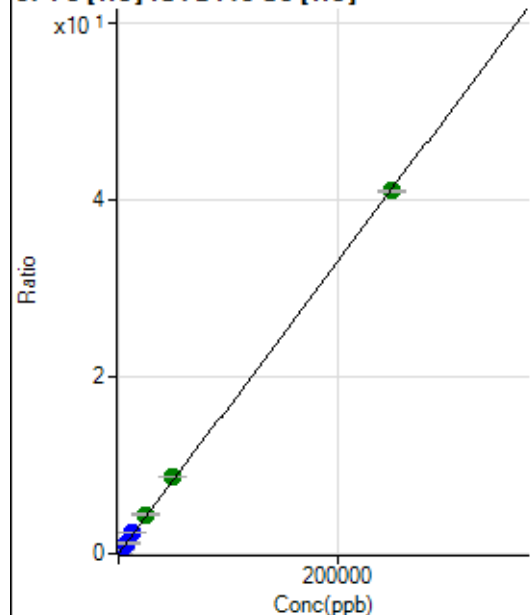
$$DL = 0.1597$$

$$BEC = 2.431$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	796.70	0.0020	P	9.6
2	☐	50.000	55.182	4487.38	0.0111	P	2.9
3	☐	2500.000	2909.675	188063.30	0.4814	P	0.5
4	☐	6250.000	7215.567	439247.94	1.1909	P	1.1
5	☐	12500.000	14300.034	857839.33	2.3582	P	0.0
6	☐	25000.000	26982.056	1653728.64	4.4477	A	1.2
7	☐	50000.000	53057.439	3241449.05	8.7440	A	0.9
8	☐	250000.00	249072.06	14370999.23	41.0404	A	0.6

$$y = 1.6477\text{E-}004 * x + 0.0020$$

$$R = 0.9999$$

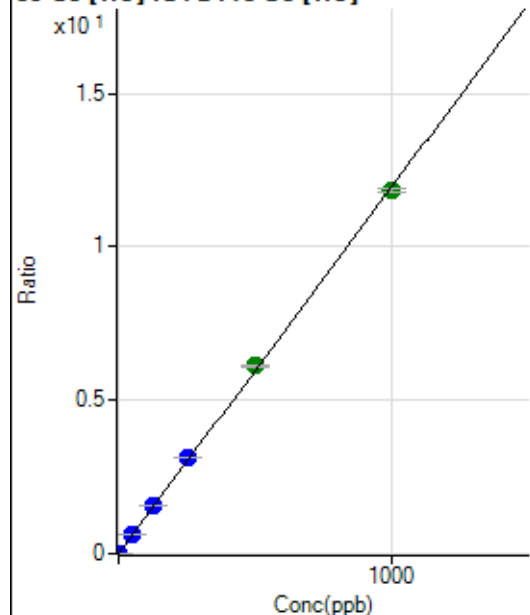
$$DL = 3.49$$

$$BEC = 12.16$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0003	P	13.4
2	☐	1.000	1.070	5274.31	0.0130	P	6.0
3	☐	50.000	53.792	251013.56	0.6425	P	0.6
4	☐	125.000	131.996	581420.18	1.5763	P	0.8
5	☐	250.000	261.547	1136108.39	3.1231	P	0.7
6	☐	500.000	511.857	2272482.80	6.1118	A	0.9
7	☐	1000.000	990.121	4382545.42	11.8223	A	1.1
8	☐			12685.47	0.0362	P	1.7

$$y = 0.0119 * x + 2.6286\text{E-}004$$

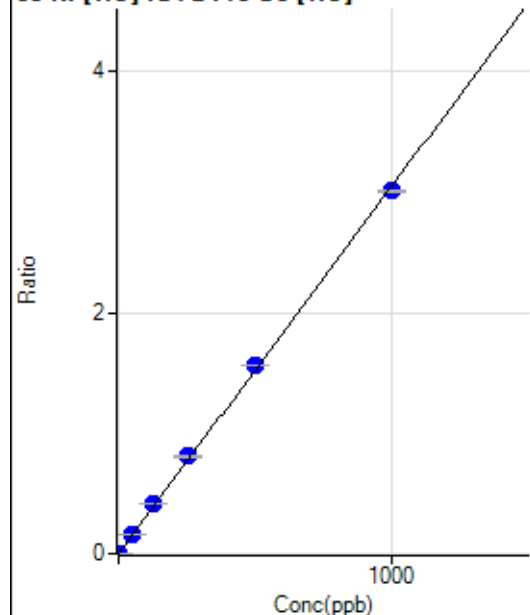
$$R = 0.9998$$

$$DL = 0.008833$$

$$BEC = 0.02202$$

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	118.89	0.0003	P	18.5
2	☐	1.000	1.070	1437.86	0.0036	P	6.2
3	☐	50.000	54.394	64804.74	0.1659	P	0.6
4	☐	125.000	134.052	150637.35	0.4084	P	0.6
5	☐	250.000	264.814	293366.62	0.8065	P	0.7
6	☐	500.000	513.247	581056.01	1.5628	P	0.4
7	☐	1000.000	988.322	1115461.03	3.0090	P	0.7
8	☐			3688.27	0.0105	P	4.3

$$y = 0.0030 * x + 2.9925E-004$$

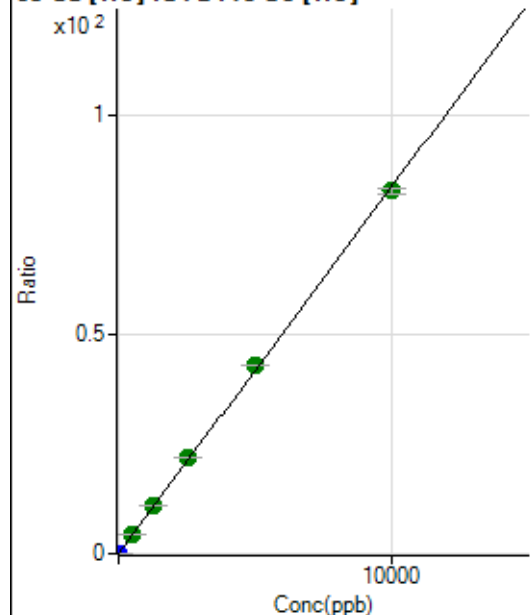
$$R = 0.9997$$

$$DL = 0.0545$$

$$BEC = 0.0983$$

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	3372.63	0.0085	P	1.2
2	☐	2.000	2.095	10527.13	0.0260	P	0.9
3	☐	500.000	543.112	1780276.55	4.5572	A	1.3
4	☐	1250.000	1325.578	4098055.04	11.1105	A	1.2
5	☐	2500.000	2625.924	8003394.74	22.0012	A	0.6
6	☐	5000.000	5133.218	15988209.76	43.0003	A	0.4
7	☐	10000.000	9890.307	30709084.82	82.8420	A	1.4
8	☐			9371.90	0.0268	P	6.4

$$y = 0.0084 * x + 0.0085$$

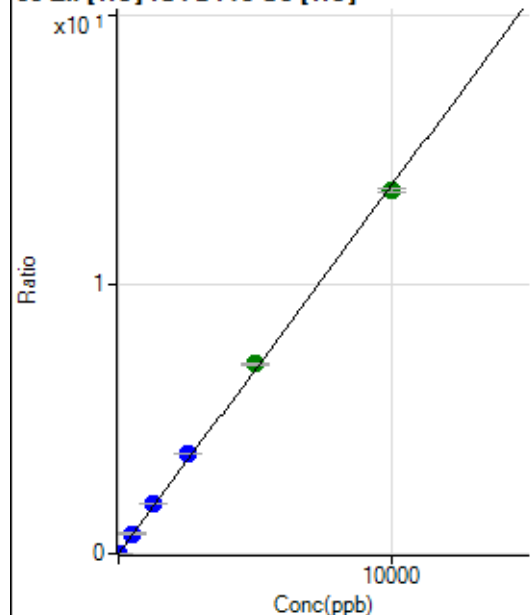
$$R = 0.9998$$

$$DL = 0.03729$$

$$BEC = 1.013$$

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	371.12	0.0009	P	18.3
2	☐	5.000	5.163	3234.83	0.0080	P	1.6
3	☐	500.000	547.098	292824.58	0.7496	P	0.7
4	☐	1250.000	1353.837	683658.68	1.8535	P	1.2
5	☐	2500.000	2701.887	1345315.92	3.6982	P	0.2
6	☐	5000.000	5154.262	2622807.13	7.0540	A	0.4
7	☐	10000.000	9857.062	5000583.33	13.4894	A	1.2
8	☐			4938.63	0.0141	P	3.8

$$y = 0.0014 * x + 9.3341E-004$$

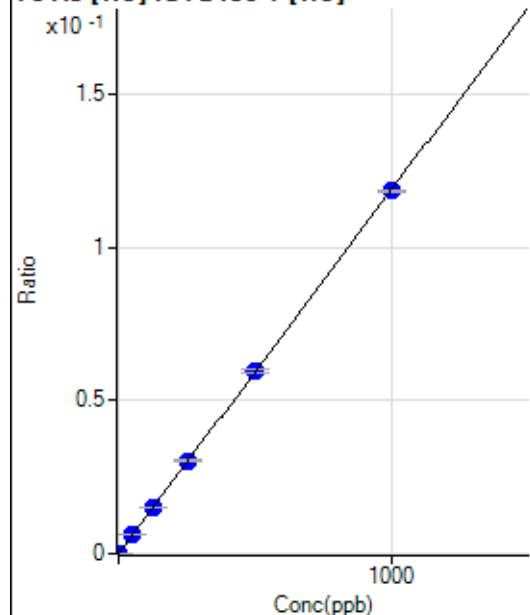
$$R = 0.9996$$

$$DL = 0.3739$$

$$BEC = 0.6821$$

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	1.11	0.0000	P	173.
2	☐	1.000	1.047	380.01	0.0001	P	13.7
3	☐	50.000	52.588	18344.74	0.0062	P	1.7
4	☐	125.000	128.803	42667.78	0.0153	P	0.8
5	☐	250.000	255.920	84421.35	0.0304	P	0.8
6	☐	500.000	502.574	170012.22	0.0597	P	1.6
7	☐	1000.000	996.628	333884.23	0.1184	P	0.3
8	☐			133.33	0.0000	P	19.8

$$y = 1.1880E-004 * x + 3.6965E-007$$

$$R = 1.0000$$

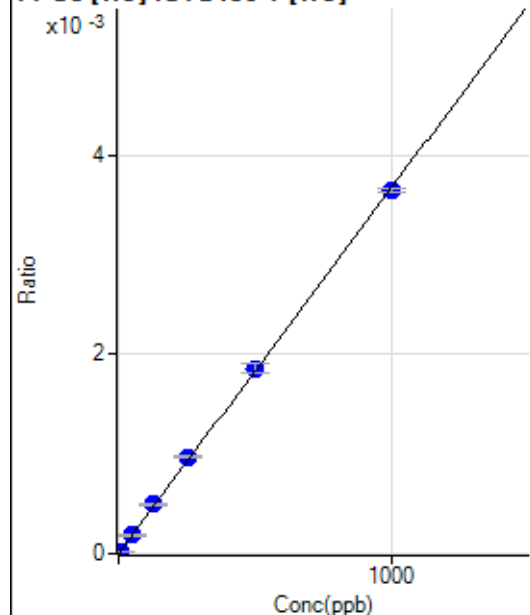
$$DL = 0.01617$$

$$BEC = 0.003111$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.269	58.89	0.0000	P	39.7
3	☐	50.000	51.898	560.02	0.0002	P	7.6
4	☐	125.000	134.870	1381.19	0.0005	P	3.3
5	☐	250.000	264.495	2696.94	0.0010	P	2.7
6	☐	500.000	506.984	5302.11	0.0019	P	5.0
7	☐	1000.000	991.554	10269.18	0.0036	P	0.9
8	☐			56.67	0.0000	P	23.6

$$y = 3.6727\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

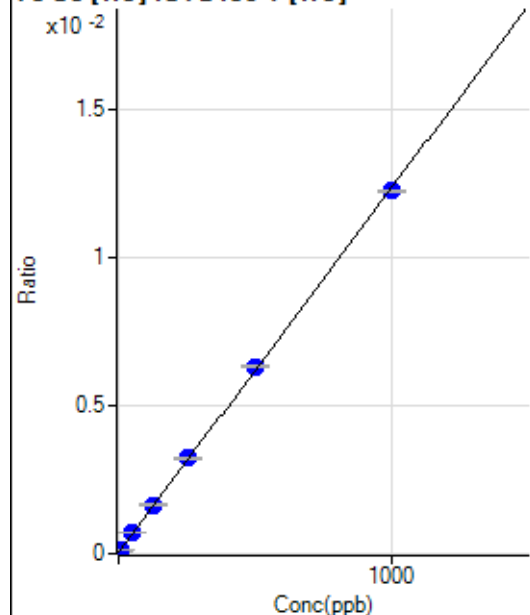
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	5.4
2	☐	5.000	5.657	334.45	0.0001	P	1.3
3	☐	50.000	54.118	2075.72	0.0007	P	1.0
4	☐	125.000	129.284	4552.96	0.0016	P	3.3
5	☐	250.000	260.079	9008.38	0.0032	P	2.1
6	☐	500.000	509.327	17980.99	0.0063	P	1.2
7	☐	1000.000	992.072	34576.98	0.0123	P	0.8
8	☐			307.79	0.0001	P	10.6

$$y = 1.2319\text{E-}005 * x + 4.0181\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.5304$$

$$BEC = 3.262$$

Weight: <None>

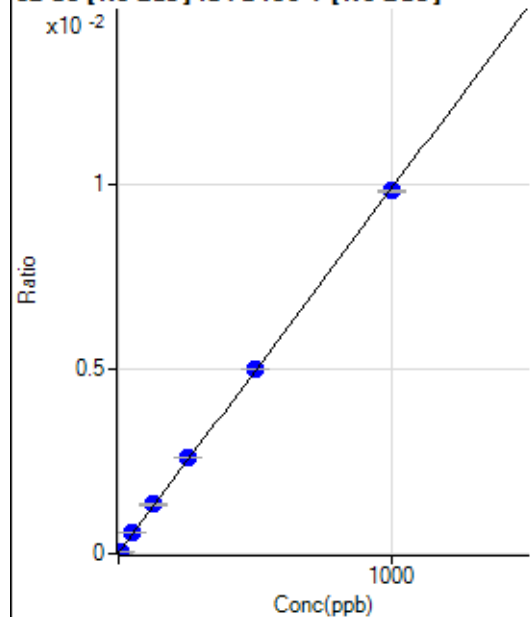
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8234.59		P	1.1
2	☐			8326.86		P	0.9
3	☐			7643.17		P	3.6
4	☐			6999.50		P	4.7
5	☐			6789.41		P	1.8
6	☐			7095.10		P	1.0
7	☐			7339.66		P	3.1
8	☐			12338.61		P	13.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.33		P	16.4
2	☐			116.67		P	9.9
3	☐			42.22		P	50.1
4	☐			48.89		P	28.4
5	☐			60.00		P	40.1
6	☐			85.56		P	9.0
7	☐			72.22		P	9.6
8	☐			568.90		P	12.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	284.86	0.0000	P	4.3
2	☐	5.000	5.041	971.04	0.0001	P	6.9
3	☐	50.000	55.153	7640.02	0.0006	P	1.8
4	☐	125.000	132.785	17464.78	0.0013	P	0.5
5	☐	250.000	261.733	33152.96	0.0026	P	0.2
6	☐	500.000	504.492	66223.46	0.0050	P	1.0
7	☐	1000.000	993.590	126955.45	0.0098	P	0.3
8	☐			936.72	0.0001	P	4.6

$$y = 9.8682\text{E-}006 * x + 2.0860\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.2721$$

$$BEC = 2.114$$

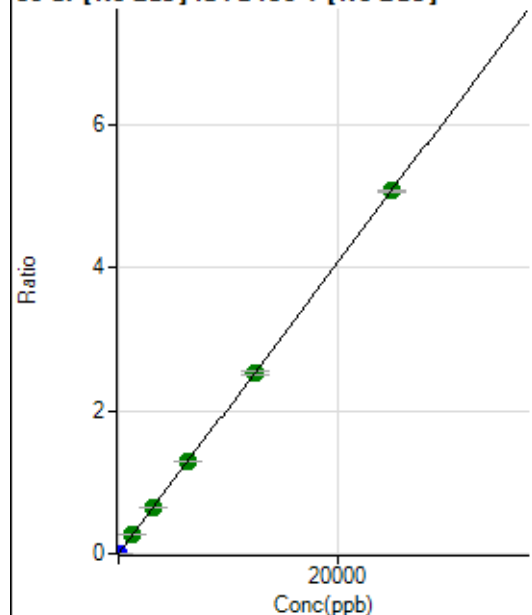
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			182.23		P	16.4
2	☐			194.45		P	13.1
3	☐			171.11		P	15.7
4	☐			181.11		P	16.5
5	☐			152.22		P	15.8
6	☐			156.67		P	17.0
7	☐			184.45		P	9.1
8	☐			218.89		P	19.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.45	0.0000	P	13.3
2	☐	1.000	0.987	3049.24	0.0002	P	2.6
3	☐	1250.000	1294.951	3548460.40	0.2625	A	0.7
4	☐	3125.000	3148.775	8372408.07	0.6382	A	0.9
5	☐	6250.000	6349.289	16385076.15	1.2868	A	0.7
6	☐	12500.000	12455.510	33439006.17	2.5244	A	1.3
7	☐	25000.000	24992.204	65445077.36	5.0652	A	0.4
8	☐			16753.22	0.0014	P	19.0

$$y = 2.0267\text{E-}004 * x + 2.1606\text{E-}005$$

$$R = 1.0000$$

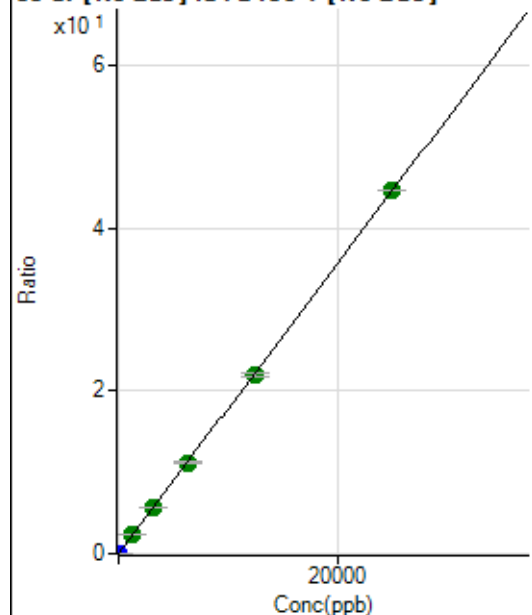
$$DL = 0.0426$$

$$BEC = 0.1066$$

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	208.89	0.0000	P	26.3
2	☐	1.000	0.957	23663.54	0.0017	P	3.6
3	☐	1250.000	1277.980	30767121.49	2.2758	A	0.4
4	☐	3125.000	3159.947	73826483.34	5.6271	A	0.3
5	☐	6250.000	6291.540	142660586.7	11.2036	A	0.7
6	☐	12500.000	12331.655	290879755.6	21.9595	A	1.8
7	☐	25000.000	25068.020	576775178.0	44.6397	A	0.1
8	☐			144647.91	0.0123	P	18.2

$$y = 0.0018 * x + 1.5268\text{E-}005$$

$$R = 1.0000$$

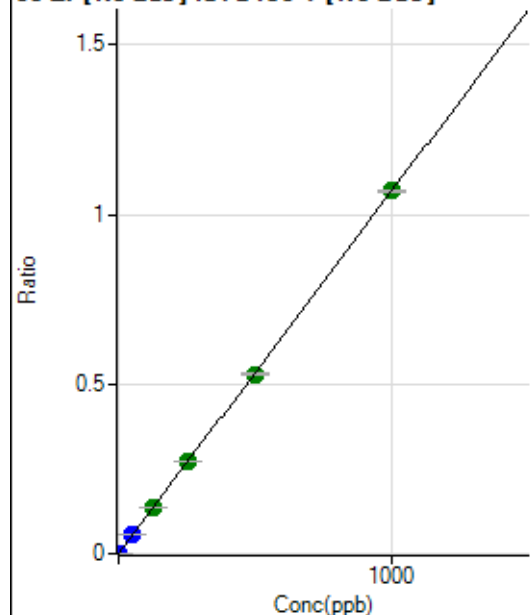
$$DL = 0.006764$$

$$BEC = 0.008574$$

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	493.35	0.0000	P	14.8
2	☐	1.000	0.958	14580.68	0.0011	P	0.1
3	☐	50.000	52.184	753773.66	0.0558	P	0.3
4	☐	125.000	128.403	1799204.90	0.1371	A	0.7
5	☐	250.000	253.756	3450315.12	0.2710	A	1.2
6	☐	500.000	494.833	6999338.30	0.5284	A	1.2
7	☐	1000.000	1001.110	13811776.04	1.0690	A	0.4
8	☐			8048.97	0.0007	P	7.3

$$y = 0.0011 * x + 3.6211E-005$$

$$R = 1.0000$$

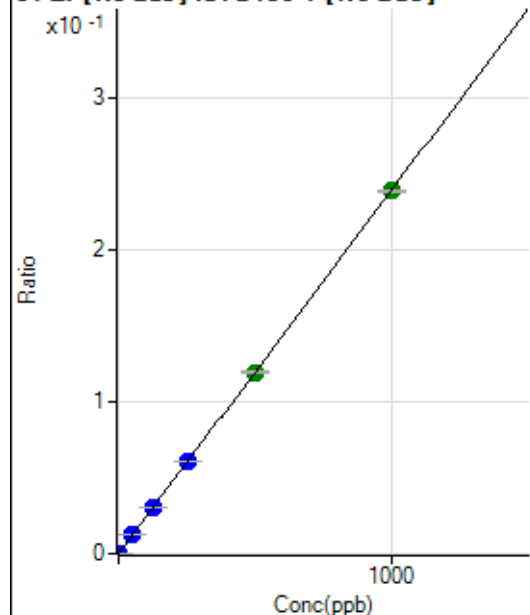
$$DL = 0.01509$$

$$BEC = 0.03391$$

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	91.11	0.0000	P	16.7
2	☐	1.000	0.982	3321.52	0.0002	P	1.9
3	☐	50.000	52.028	168235.21	0.0124	P	1.4
4	☐	125.000	128.416	402830.48	0.0307	P	0.6
5	☐	250.000	255.517	777845.02	0.0611	P	0.6
6	☐	500.000	499.913	1583108.90	0.1195	A	1.2
7	☐	1000.000	998.136	3083017.73	0.2386	A	0.4
8	☐			1837.91	0.0002	P	3.4

$$y = 2.3905E-004 * x + 6.6852E-006$$

$$R = 1.0000$$

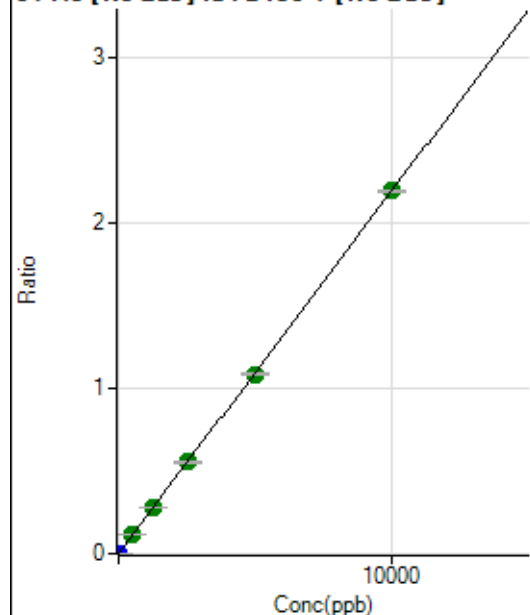
$$DL = 0.01398$$

$$BEC = 0.02797$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.78	0.0000	P	9.7
2	☐	5.000	5.566	17006.65	0.0012	P	2.7
3	☐	500.000	518.993	1540988.90	0.1140	A	1.4
4	☐	1250.000	1272.356	3665673.87	0.2794	A	1.3
5	☐	2500.000	2531.848	7079528.30	0.5560	A	1.1
6	☐	5000.000	4959.809	14427700.34	1.0892	A	1.6
7	☐	10000.000	10008.389	28397234.86	2.1978	A	0.7
8	☐			11139.89	0.0009	P	6.7

$$y = 2.1960\text{E-}004 * x + 1.3741\text{E-}005$$

$$R = 1.0000$$

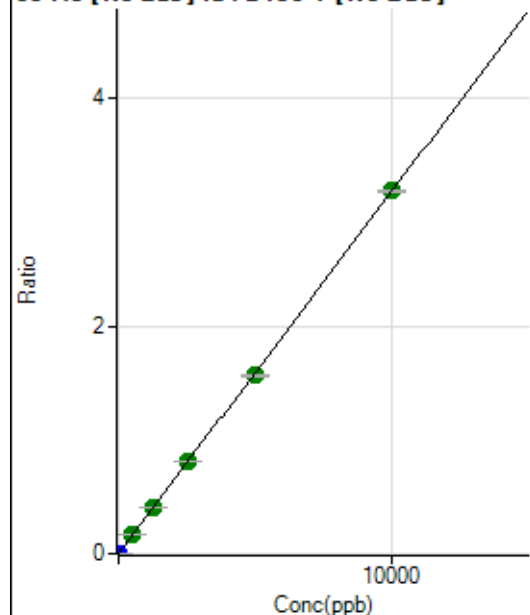
$$DL = 0.01816$$

$$BEC = 0.06257$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.55	0.0000	P	34.9
2	☐	5.000	4.755	20888.31	0.0015	P	0.7
3	☐	500.000	523.413	2251953.20	0.1666	A	0.1
4	☐	1250.000	1263.901	5276929.75	0.4022	A	0.4
5	☐	2500.000	2544.723	10311385.89	0.8098	A	0.5
6	☐	5000.000	4928.455	20776045.80	1.5684	A	1.0
7	☐	10000.000	10021.684	41206158.83	3.1892	A	0.8
8	☐			18188.07	0.0015	P	3.9

$$y = 3.1823\text{E-}004 * x + 4.7846\text{E-}006$$

$$R = 0.9999$$

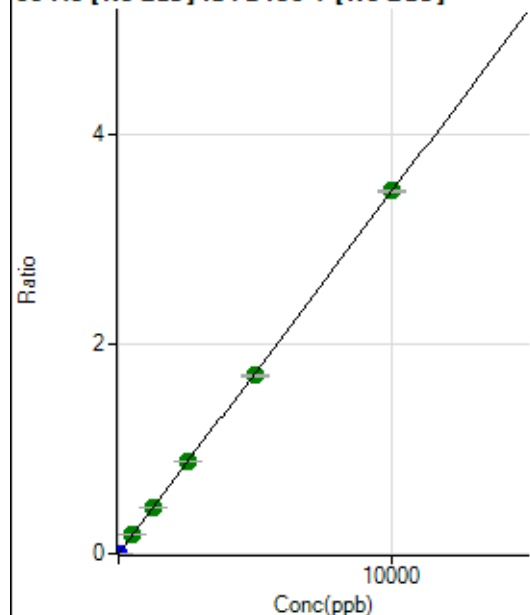
$$DL = 0.01575$$

$$BEC = 0.01503$$

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	81.11	0.0000	P	15.8
2	☐	5.000	4.864	23205.13	0.0017	P	2.7
3	☐	500.000	525.598	2455311.75	0.1816	A	0.1
4	☐	1250.000	1268.219	5749030.54	0.4382	A	0.6
5	☐	2500.000	2544.840	11196047.47	0.8793	A	1.1
6	☐	5000.000	4920.796	22522635.50	1.7003	A	1.1
7	☐	10000.000	10024.835	44754995.44	3.4638	A	0.8
8	☐			17585.19	0.0015	P	10.5

$$y = 3.4553\text{E-}004 * x + 5.9370\text{E-}006$$

$$R = 0.9999$$

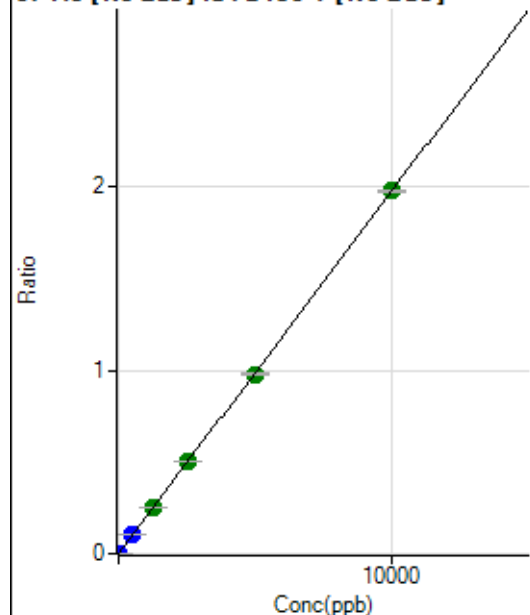
$$DL = 0.008166$$

$$BEC = 0.01718$$

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	35.56	0.0000	P	4.1
2	☐	5.000	4.741	12925.80	0.0009	P	2.6
3	☐	500.000	527.101	1408241.77	0.1042	P	0.4
4	☐	1250.000	1280.853	3320585.20	0.2531	A	1.2
5	☐	2500.000	2529.422	6364617.27	0.4998	A	0.5
6	☐	5000.000	4943.713	12941085.92	0.9769	A	1.1
7	☐	10000.000	10015.577	25572488.79	1.9792	A	0.6
8	☐			8623.75	0.0007	P	10.4

$$y = 1.9761\text{E-}004 * x + 2.6042\text{E-}006$$

$$R = 1.0000$$

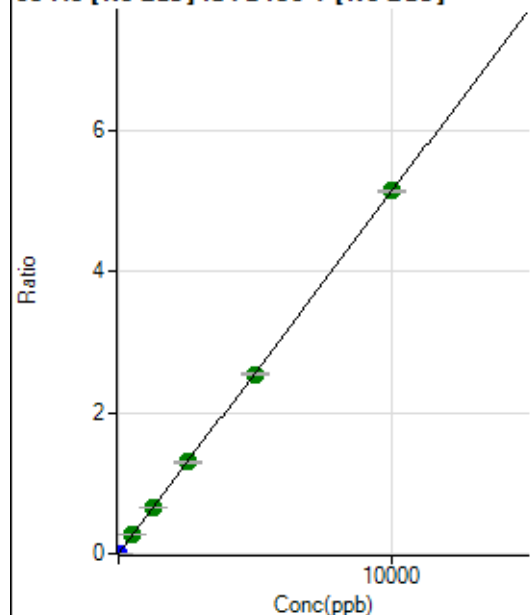
$$DL = 0.001616$$

$$BEC = 0.01318$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	106.67	0.0000	P	2.9
2	☐	5.000	4.784	33890.38	0.0025	P	0.4
3	☐	500.000	519.054	3600979.67	0.2664	A	0.3
4	☐	1250.000	1254.964	8448533.07	0.6440	A	0.8
5	☐	2500.000	2524.669	16496120.17	1.2955	A	1.1
6	☐	5000.000	4946.146	33620795.89	2.5381	A	1.0
7	☐	10000.000	10019.187	66428089.01	5.1413	A	0.3
8	☐			19007.16	0.0016	P	17.0

$$y = 5.1314\text{E-}004 * x + 7.8153\text{E-}006$$

$$R = 1.0000$$

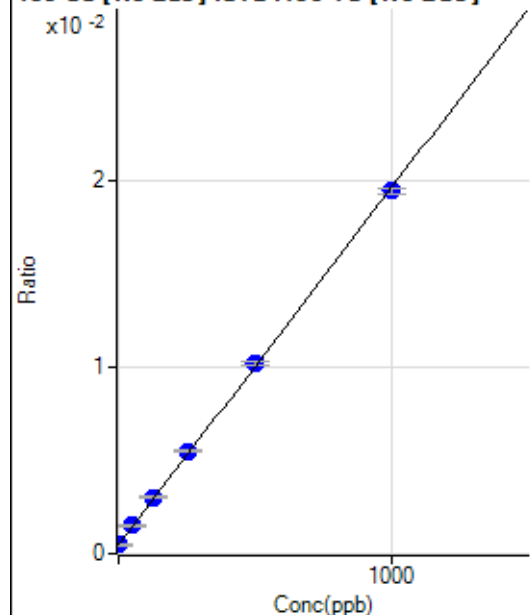
$$DL = 0.001321$$

$$BEC = 0.01523$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5222.11	0.0005	P	3.5
2	☐	1.000	-0.047	5319.92	0.0005	P	2.1
3	☐	50.000	54.136	17116.86	0.0015	P	1.6
4	☐	125.000	133.608	33798.21	0.0030	P	1.8
5	☐	250.000	263.045	60647.04	0.0055	P	0.7
6	☐	500.000	508.771	116294.16	0.0102	P	2.1
7	☐	1000.000	991.071	220231.09	0.0195	P	1.4
8	☐			4661.91	0.0005	P	5.3

$$y = 1.9186\text{E-}005 * x + 4.7024\text{E-}004$$

$$R = 0.9998$$

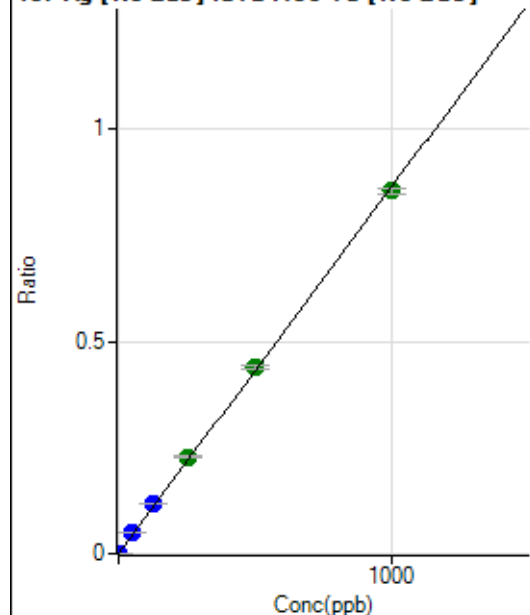
$$DL = 2.575$$

$$BEC = 24.51$$

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	108.89	0.0000	P	35.1
2	☐	1.000	1.070	10600.62	0.0009	P	1.2
3	☐	50.000	56.880	557883.86	0.0492	P	0.2
4	☐	125.000	136.778	1317294.35	0.1182	P	0.4
5	☐	250.000	264.680	2515024.73	0.2288	A	1.2
6	☐	500.000	509.721	5008185.21	0.4406	A	1.8
7	☐	1000.000	989.653	9668604.58	0.8554	A	1.6
8	☐			3187.06	0.0003	P	14.8

$$y = 8.6438\text{E-}004 * x + 9.7968\text{E-}006$$

$$R = 0.9998$$

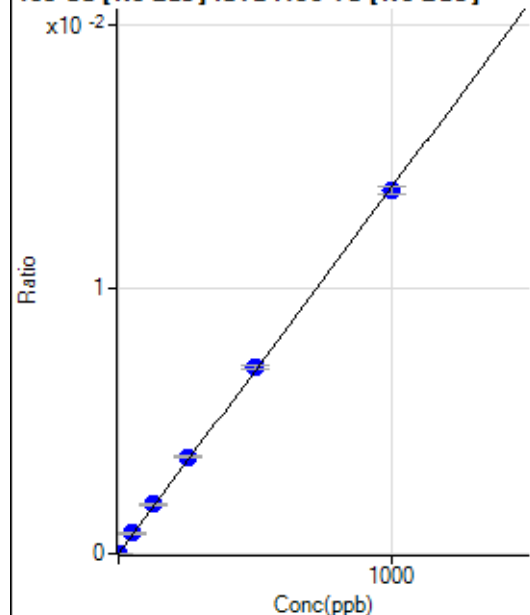
$$DL = 0.01195$$

$$BEC = 0.01133$$

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	1.183	197.78	0.0000	P	21.0
3	☐	50.000	55.665	8740.50	0.0008	P	3.7
4	☐	125.000	134.476	20719.29	0.0019	P	1.2
5	☐	250.000	264.044	40130.87	0.0037	P	1.3
6	☐	500.000	508.124	79835.83	0.0070	P	2.1
7	☐	1000.000	990.959	154811.49	0.0137	P	2.2
8	☐			116.67	0.0000	P	16.2

$$y = 1.3821\text{E-}005 * x + 1.0996\text{E-}006$$

$$R = 0.9998$$

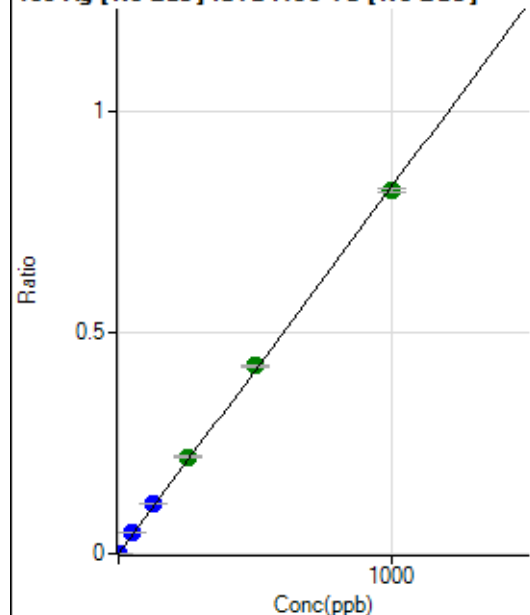
$$DL = 0.09877$$

$$BEC = 0.07956$$

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	77.78	0.0000	P	10.2
2	☐	1.000	1.074	10189.21	0.0009	P	1.3
3	☐	50.000	56.561	533150.53	0.0470	P	0.1
4	☐	125.000	135.210	1251485.48	0.1123	P	0.7
5	☐	250.000	263.451	2405786.84	0.2189	A	1.6
6	☐	500.000	511.451	4829649.37	0.4249	A	1.6
7	☐	1000.000	989.307	9289575.49	0.8219	A	1.0
8	☐			3213.73	0.0003	P	15.1

$$y = 8.3075\text{E-}004 * x + 7.0048\text{E-}006$$

$$R = 0.9998$$

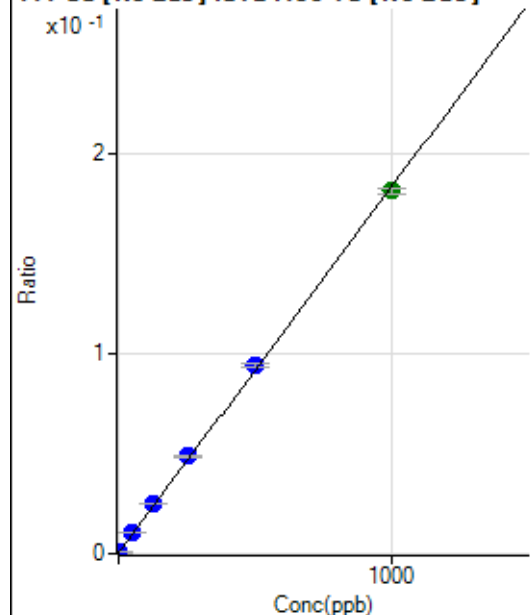
$$DL = 0.002585$$

$$BEC = 0.008432$$

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	3661.36	0.0003	P	3.7
2	☐	1.000	1.008	5830.14	0.0005	P	1.5
3	☐	50.000	55.495	119086.87	0.0105	P	0.5
4	☐	125.000	134.691	278606.86	0.0250	P	0.2
5	☐	250.000	264.078	535444.17	0.0487	P	1.7
6	☐	500.000	511.749	1069427.74	0.0941	P	2.0
7	☐	1000.000	989.120	2051912.97	0.1815	A	1.8
8	☐			4428.41	0.0004	P	3.9

$$y = 1.8321\text{E-}004 * x + 3.2970\text{E-}004$$

$$R = 0.9998$$

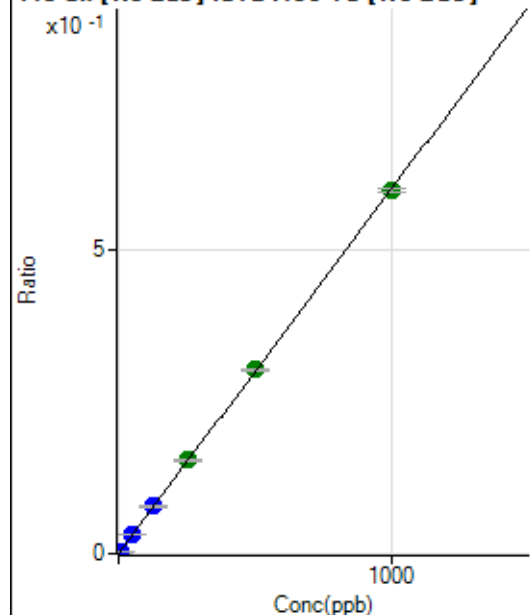
$$DL = 0.1995$$

$$BEC = 1.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1000.06	0.0001	P	6.7
2	☐	5.000	5.077	35606.17	0.0031	P	0.7
3	☐	50.000	52.759	360724.36	0.0318	P	0.5
4	☐	125.000	129.340	866993.18	0.0778	P	0.7
5	☐	250.000	257.648	1702949.87	0.1549	A	2.1
6	☐	500.000	504.863	3450068.70	0.3035	A	0.8
7	☐	1000.000	994.976	6759614.62	0.5980	A	1.2
8	☐			4982.03	0.0005	P	6.6

$$y = 6.0098\text{E-}004 * x + 9.0039\text{E-}005$$

$$R = 0.9999$$

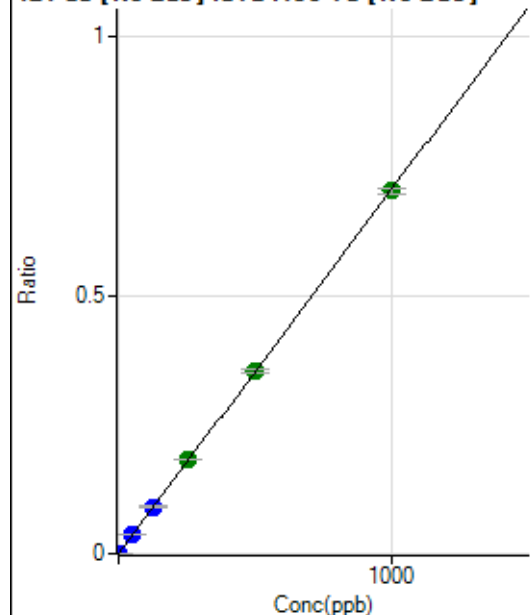
$$DL = 0.02993$$

$$BEC = 0.1498$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.34	0.0000	P	20.9
2	☐	2.000	2.033	16334.93	0.0014	P	1.8
3	☐	50.000	52.674	421545.59	0.0372	P	0.4
4	☐	125.000	129.068	1014255.76	0.0910	P	0.7
5	☐	250.000	258.005	2000346.74	0.1820	A	1.4
6	☐	500.000	502.434	4027782.27	0.3544	A	2.4
7	☐	1000.000	996.139	7940937.17	0.7026	A	1.7
8	☐			7108.48	0.0007	P	3.5

$$y = 7.0530\text{E-}004 * x + 7.5013\text{E-}006$$

$$R = 1.0000$$

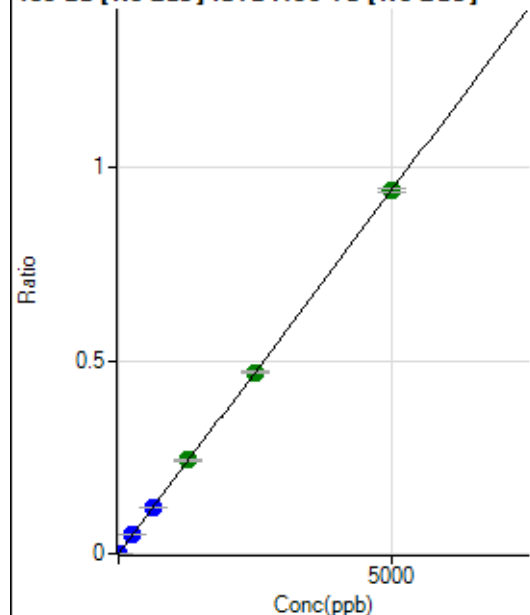
$$DL = 0.00666$$

$$BEC = 0.01064$$

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	23.33	0.0000	P	24.7
2	☐	10.000	9.864	21079.00	0.0019	P	0.9
3	☐	250.000	257.190	549399.11	0.0484	P	0.3
4	☐	625.000	627.921	1317210.68	0.1182	P	0.7
5	☐	1250.000	1284.048	2657658.83	0.2418	A	1.2
6	☐	2500.000	2497.166	5344613.39	0.4702	A	1.6
7	☐	5000.000	4992.180	10624260.19	0.9400	A	1.2
8	☐			6600.48	0.0007	P	6.2

$$y = 1.8829\text{E-}004 * x + 2.1011\text{E-}006$$

$$R = 1.0000$$

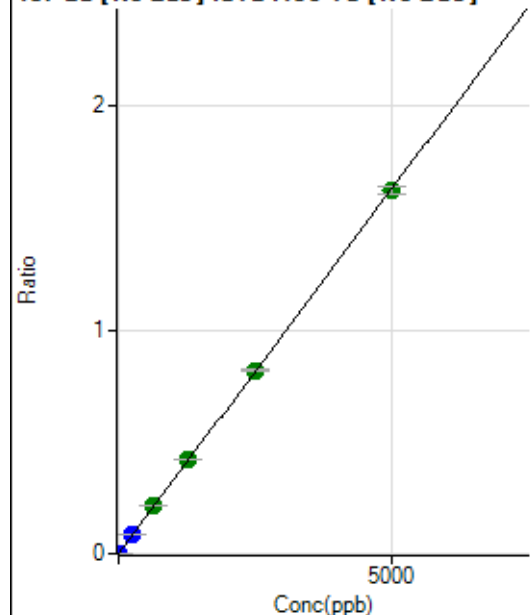
$$DL = 0.008284$$

$$BEC = 0.01116$$

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	46.67	0.0000	P	35.4
2	☐	10.000	9.871	36522.34	0.0032	P	0.7
3	☐	250.000	257.532	952445.90	0.0840	P	0.4
4	☐	625.000	652.621	2370136.70	0.2127	A	1.3
5	☐	1250.000	1286.891	4611629.97	0.4195	A	0.4
6	☐	2500.000	2517.159	9327115.62	0.8206	A	1.4
7	☐	5000.000	4978.369	18341755.70	1.6229	A	2.0
8	☐			11465.84	0.0012	P	6.6

$$y = 3.2598\text{E-}004 * x + 4.1987\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01368$$

$$BEC = 0.01288$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	53.9
2	☐			10.00		P	33.3
3	☐			63.33		P	24.1
4	☐			117.78		P	15.6
5	☐			243.34		P	5.5
6	☐			461.12		P	1.8
7	☐			910.04		P	4.8
8	☐			308.90		P	16.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			8.89		P	43.3
3	☐			13.33		P	25.0
4	☐			27.78		P	6.9
5	☐			53.34		P	10.8
6	☐			95.56		P	2.0
7	☐			214.45		P	23.4
8	☐			182.22		P	25.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			10.00		P	66.7
3	☐			37.78		P	71.3
4	☐			87.78		P	14.4
5	☐			158.89		P	3.2
6	☐			302.23		P	4.5
7	☐			635.58		P	7.1
8	☐			1653.45		P	6.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			41.11		P	24.8
4	☐			93.33		P	7.1
5	☐			170.01		P	12.2
6	☐			376.68		P	6.2
7	☐			713.36		P	6.1
8	☐			1172.29		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.45		P	30.8
2	☐			40.00		P	14.4
3	☐			85.56		P	16.2
4	☐			105.56		P	25.7
5	☐			175.56		P	10.8
6	☐			323.34		P	2.1
7	☐			524.46		P	5.3
8	☐			1847.92		P	9.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			414.46		P	7.3
2	☐			396.68		P	15.6
3	☐			366.68		P	7.9
4	☐			374.46		P	8.2
5	☐			456.68		P	2.9
6	☐			562.24		P	12.1
7	☐			635.58		P	8.4
8	☐			1605.67		P	5.8

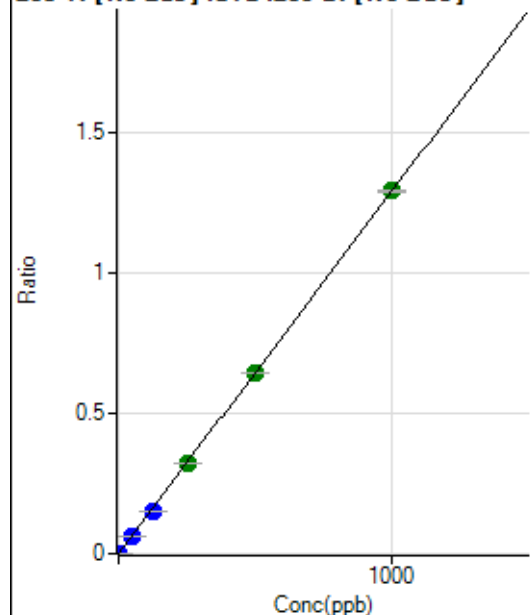
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.66		P	15.8
2	☐			102.22		P	10.5
3	☐			100.00		P	26.7
4	☐			127.78		P	13.1
5	☐			126.67		P	2.6
6	☐			190.00		P	3.5
7	☐			265.56		P	5.2
8	☐			294.45		P	6.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	21.1
2	☐			43.33		P	40.0
3	☐			54.44		P	33.7
4	☐			68.89		P	14.8
5	☐			76.66		P	7.5
6	☐			97.78		P	7.1
7	☐			152.23		P	11.2
8	☐			194.45		P	7.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	215.56	0.0000	P	28.6
2	☐	1.000	0.886	7781.18	0.0012	P	1.7
3	☐	50.000	47.878	406393.58	0.0619	P	0.2
4	☐	125.000	118.057	1010212.15	0.1525	P	0.5
5	☐	250.000	249.137	2108840.68	0.3218	A	0.9
6	☐	500.000	498.083	4305543.96	0.6433	A	0.4
7	☐	1000.000	1002.148	8344747.66	1.2942	A	0.8
8	☐			2631.39	0.0005	P	13.1

$$y = 0.0013 * x + 3.2742E-005$$

$$R = 1.0000$$

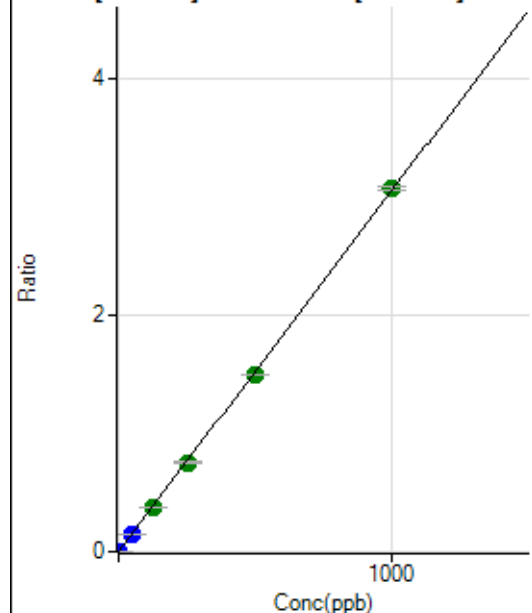
$$DL = 0.02172$$

$$BEC = 0.02535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	420.01	0.0001	P	4.7
2	☐	1.000	0.893	18434.78	0.0028	P	2.9
3	☐	50.000	48.062	963405.82	0.1467	P	0.2
4	☐	125.000	124.253	2510915.07	0.3790	A	1.1
5	☐	250.000	247.655	4950758.40	0.7554	A	0.5
6	☐	500.000	490.257	10008715.41	1.4953	A	0.5
7	☐	1000.000	1005.648	19776525.40	3.0672	A	0.9
8	☐			6297.11	0.0012	P	14.7

$$y = 0.0030 * x + 6.3849E-005$$

$$R = 0.9999$$

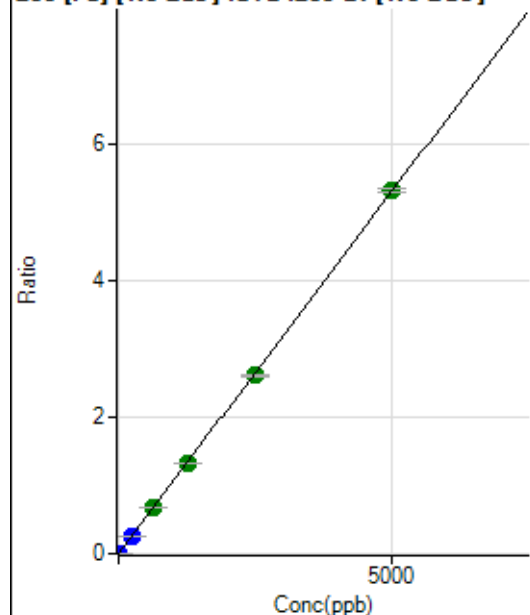
$$DL = 0.002982$$

$$BEC = 0.02093$$

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	606.69	0.0001	P	15.6
2	☐	1.000	0.884	6807.32	0.0010	P	2.9
3	☐	250.000	241.963	1686043.40	0.2566	P	0.3
4	☐	625.000	628.556	4415830.04	0.6666	A	1.0
5	☐	1250.000	1256.747	8733878.76	1.3326	A	0.5
6	☐	2500.000	2466.024	17502133.91	2.6148	A	0.8
7	☐	5000.000	5015.259	34287560.32	5.3178	A	1.0
8	☐			17700.56	0.0033	P	7.4

$$y = 0.0011 * x + 9.2323E-005$$

$$R = 1.0000$$

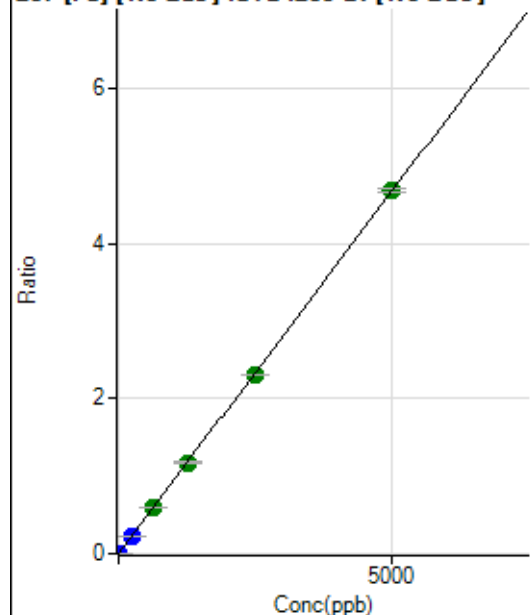
$$DL = 0.0408$$

$$BEC = 0.08707$$

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	548.91	0.0001	P	9.2
2	☐	1.000	0.878	5975.81	0.0009	P	3.4
3	☐	250.000	240.250	1476116.45	0.2247	P	0.2
4	☐	625.000	628.790	3894980.95	0.5879	A	0.3
5	☐	1250.000	1259.949	7720848.43	1.1780	A	1.0
6	☐	2500.000	2471.256	15464776.86	2.3105	A	0.3
7	☐	5000.000	5011.899	30211827.05	4.6857	A	1.2
8	☐			15462.27	0.0029	P	6.8

$$y = 9.3490E-004 * x + 8.3544E-005$$

$$R = 1.0000$$

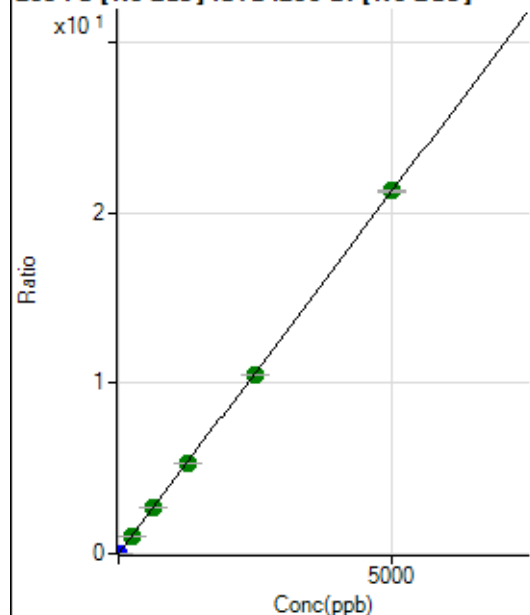
$$DL = 0.02459$$

$$BEC = 0.08936$$

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	2554.57	0.0004	P	5.7
2	☐	1.000	0.869	26947.27	0.0041	P	3.1
3	☐	250.000	249.074	6945881.84	1.0573	A	0.2
4	☐	625.000	627.273	17636266.20	2.6622	A	0.6
5	☐	1250.000	1255.731	34926340.53	5.3290	A	0.5
6	☐	2500.000	2467.862	70096822.99	10.4726	A	0.2
7	☐	5000.000	5014.399	137198836.8	21.2786	A	0.7
8	☐			70759.66	0.0134	P	7.9

$$y = 0.0042 * x + 3.8871E-004$$

$$R = 1.0000$$

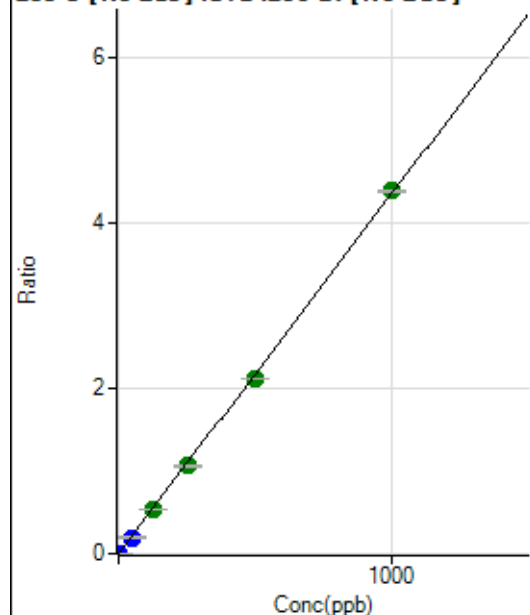
$$DL = 0.01578$$

$$BEC = 0.0916$$

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	60.00	0.0000	P	10.6
2	☐	1.000	0.830	23920.42	0.0036	P	3.6
3	☐	50.000	45.418	1297522.89	0.1975	P	0.4
4	☐	125.000	121.590	3502677.86	0.5287	A	1.7
5	☐	250.000	244.333	6963531.84	1.0625	A	1.1
6	☐	500.000	487.016	14175025.90	2.1177	A	0.8
7	☐	1000.000	1008.564	28277745.41	4.3856	A	0.8
8	☐			10192.91	0.0019	P	9.9

$$y = 0.0043 * x + 9.1317E-006$$

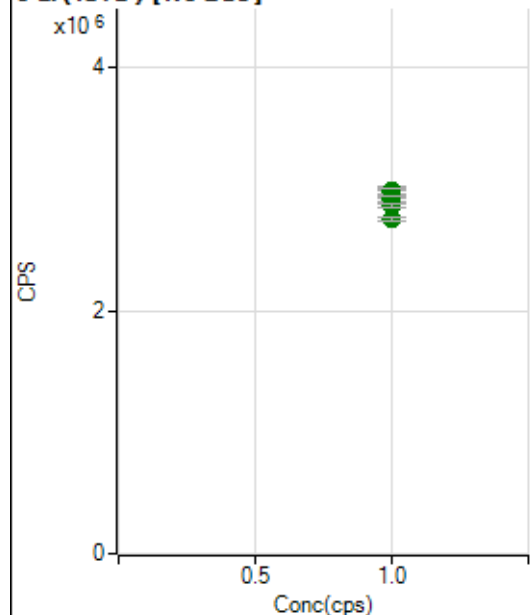
$$R = 0.9999$$

$$DL = 0.0006696$$

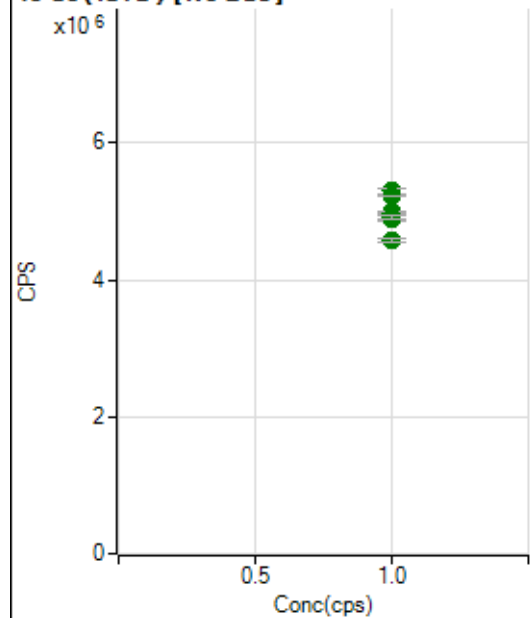
$$BEC = 0.0021$$

Weight: <None>

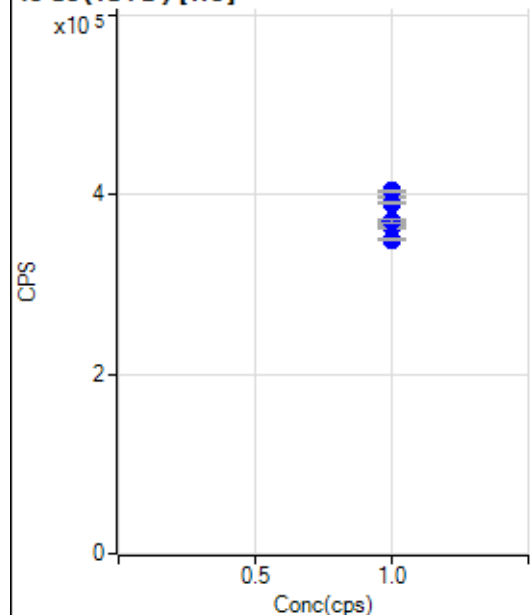
Min Conc: 0

6 Li (ISTD) [No Gas]

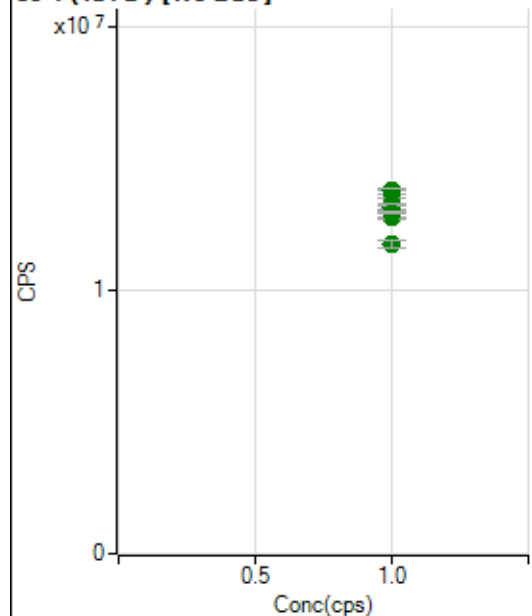
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2958446.10		A	1.8
2	☐	1.000		2917086.48		A	1.5
3	☐	1.000		2981509.75		A	2.8
4	☐	1.000		2987034.57		A	1.2
5	☐	1.000		2932364.61		A	0.7
6	☐	1.000		2922136.28		A	1.2
7	☐	1.000		2864648.53		A	0.9
8	☐	1.000		2757887.15		A	1.2

45 Sc (ISTD) [No Gas]

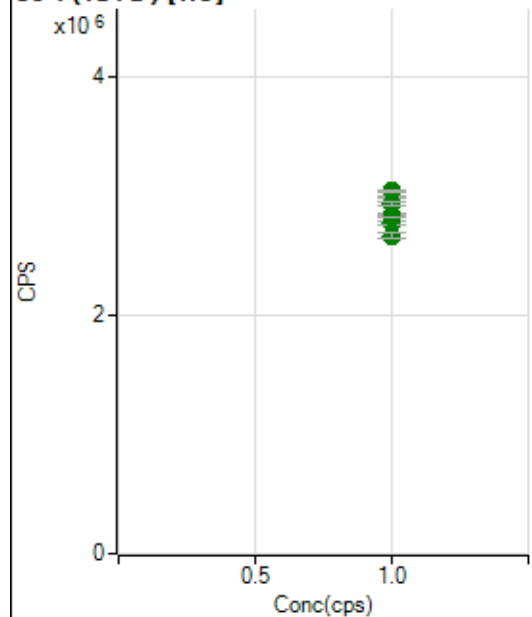
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5253937.21		A	0.3
2	☐	1.000		5300141.34		A	1.3
3	☐	1.000		5219859.79		A	0.3
4	☐	1.000		4987106.07		A	1.0
5	☐	1.000		4875311.66		A	1.0
6	☐	1.000		4962361.98		A	1.0
7	☐	1.000		4910743.71		A	1.0
8	☐	1.000		4584656.67		A	1.3

45 Sc (ISTD) [He]

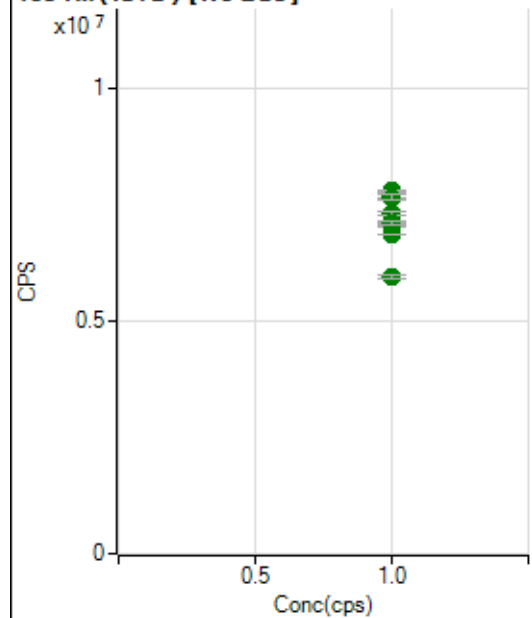
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		397506.63		P	0.5
2	☐	1.000		404433.49		P	0.8
3	☐	1.000		390650.50		P	0.5
4	☐	1.000		368867.55		P	0.9
5	☐	1.000		363776.08		P	0.4
6	☐	1.000		371816.38		P	0.0
7	☐	1.000		370719.01		P	0.7
8	☐	1.000		350173.30		P	0.5

89 Y (ISTD) [No Gas]

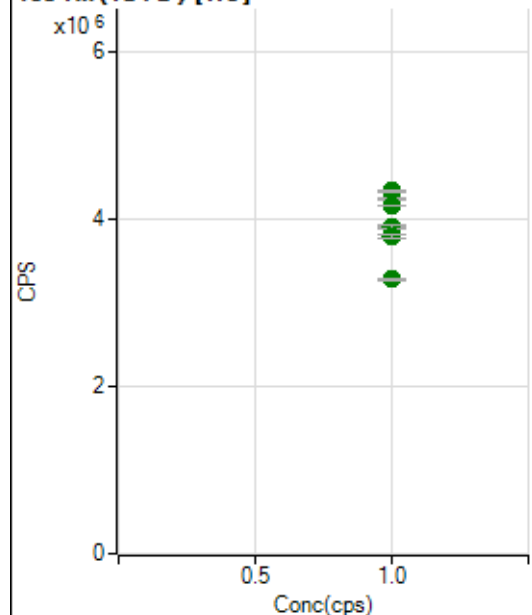
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13649316.74		A	1.9
2	☐	1.000		13761007.16		A	1.3
3	☐	1.000		13519416.88		A	0.1
4	☐	1.000		13120055.92		A	1.3
5	☐	1.000		12733128.01		A	0.5
6	☐	1.000		13246891.05		A	0.4
7	☐	1.000		12920649.67		A	0.5
8	☐	1.000		11746107.05		A	1.9

89 Y(ISTD) [He]

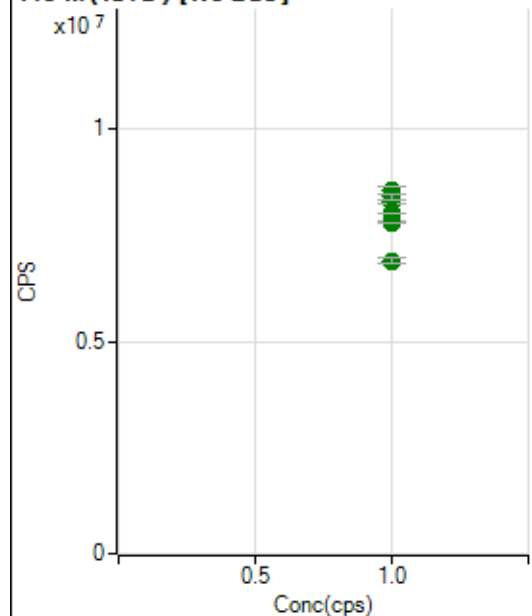
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2987183.91		A	0.6
2	☐	1.000		3044001.79		A	0.5
3	☐	1.000		2936337.90		A	1.2
4	☐	1.000		2788310.34		A	0.2
5	☐	1.000		2776730.45		A	0.9
6	☐	1.000		2847589.89		A	0.6
7	☐	1.000		2819909.09		A	0.1
8	☐	1.000		2665463.92		A	1.9

103 Rh(ISTD) [No Gas]

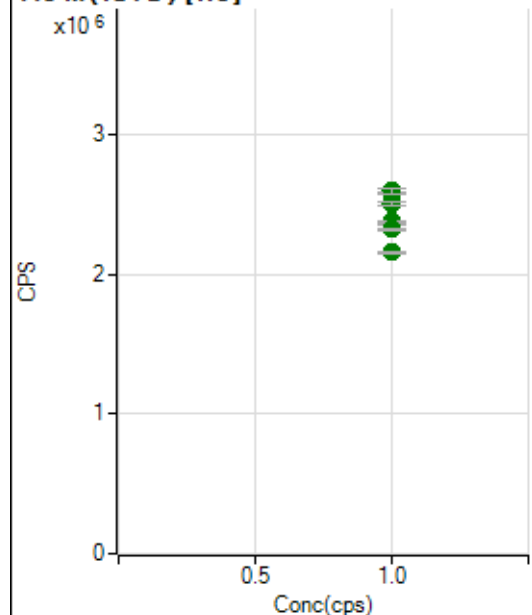
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7695891.90		A	0.6
2	☐	1.000		7803436.90		A	0.6
3	☐	1.000		7671750.02		A	1.5
4	☐	1.000		7313884.61		A	1.0
5	☐	1.000		7067318.99		A	1.3
6	☐	1.000		7119456.84		A	1.2
7	☐	1.000		6869019.48		A	0.2
8	☐	1.000		5953848.94		A	1.7

103 Rh (ISTD) [He]

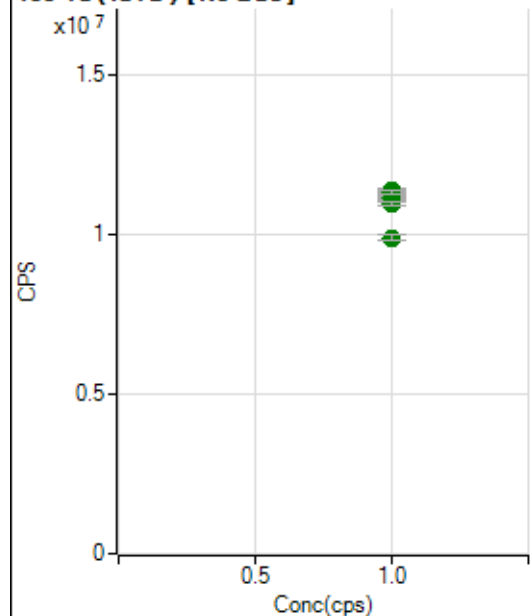
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4239421.71		A	0.5
2	☐	1.000		4332275.66		A	0.9
3	☐	1.000		4156147.30		A	0.5
4	☐	1.000		3901458.21		A	0.1
5	☐	1.000		3884468.80		A	0.6
6	☐	1.000		3894147.79		A	1.1
7	☐	1.000		3794626.71		A	1.1
8	☐	1.000		3275224.53		A	0.3

115 In (ISTD) [No Gas]

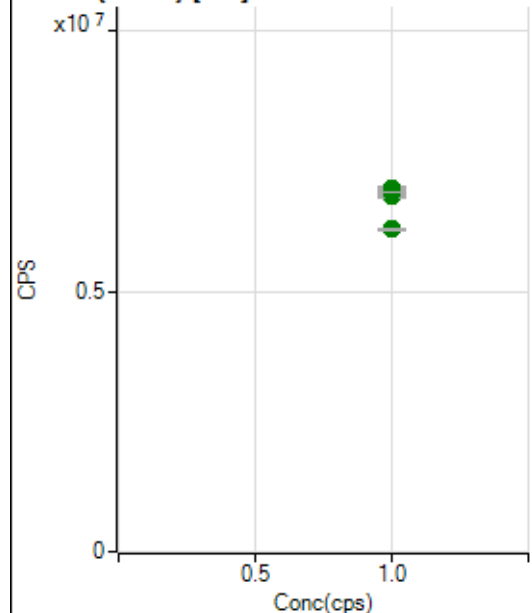
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8292198.74		A	1.3
2	☐	1.000		8555877.53		A	2.1
3	☐	1.000		8420129.71		A	1.4
4	☐	1.000		8033479.81		A	0.4
5	☐	1.000		7822342.33		A	0.5
6	☐	1.000		8015276.90		A	0.1
7	☐	1.000		7808695.35		A	0.1
8	☐	1.000		6912994.74		A	1.8

115 In (ISTD) [He]

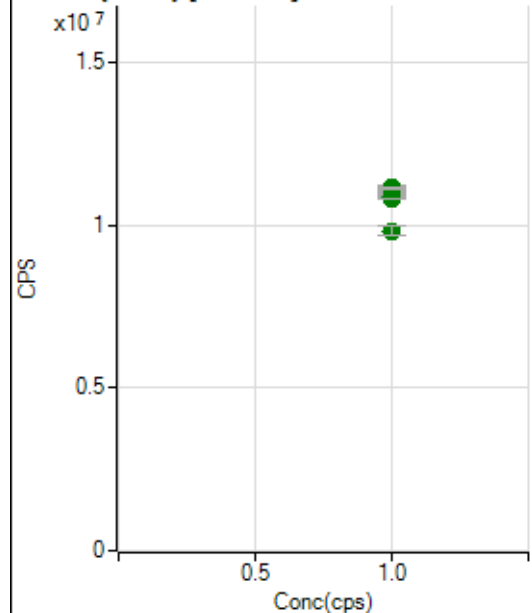
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2578347.80		A	0.6
2	☐	1.000		2595735.96		A	1.5
3	☐	1.000		2506015.82		A	0.8
4	☐	1.000		2375049.90		A	0.5
5	☐	1.000		2370242.67		A	1.1
6	☐	1.000		2373006.17		A	0.6
7	☐	1.000		2319352.94		A	1.1
8	☐	1.000		2155734.85		A	0.2

159 Tb (ISTD) [No Gas]

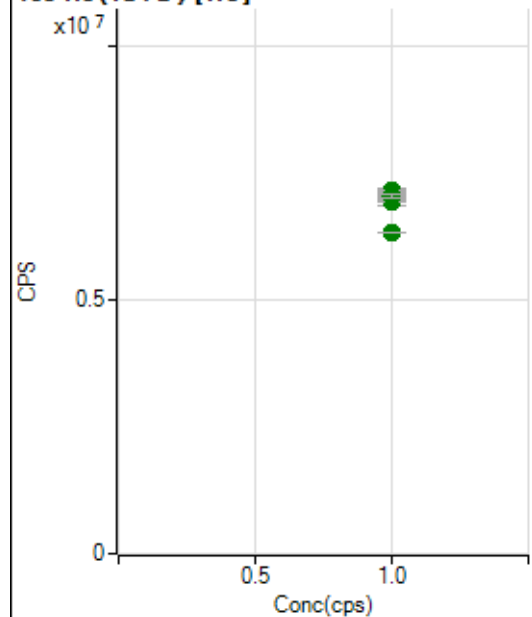
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11105568.86		A	0.3
2	☐	1.000		11335868.72		A	0.7
3	☐	1.000		11344762.75		A	0.8
4	☐	1.000		11141332.75		A	1.0
5	☐	1.000		10993207.33		A	1.1
6	☐	1.000		11368296.78		A	1.3
7	☐	1.000		11303666.36		A	1.1
8	☐	1.000		9890152.42		A	1.9

159 Tb (ISTD) [He]

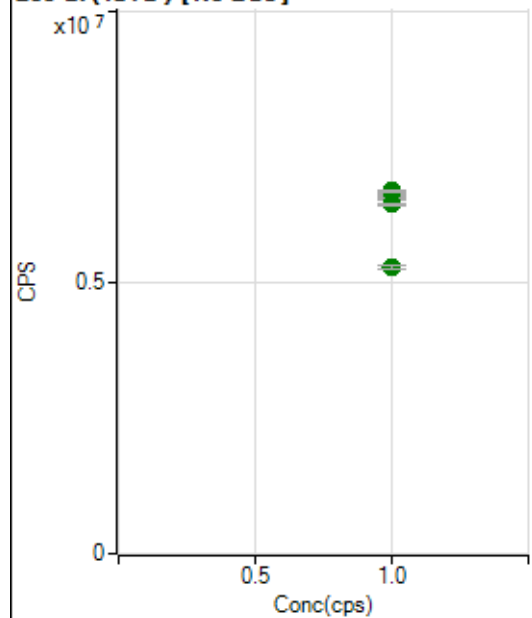
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6963156.15		A	0.6
2	☐	1.000		6964451.77		A	1.1
3	☐	1.000		6879235.52		A	0.9
4	☐	1.000		6813478.44		A	0.5
5	☐	1.000		6889669.20		A	0.6
6	☐	1.000		6959394.48		A	0.8
7	☐	1.000		6913972.88		A	0.1
8	☐	1.000		6186846.23		A	0.9

165 Ho (ISTD) [No Gas]

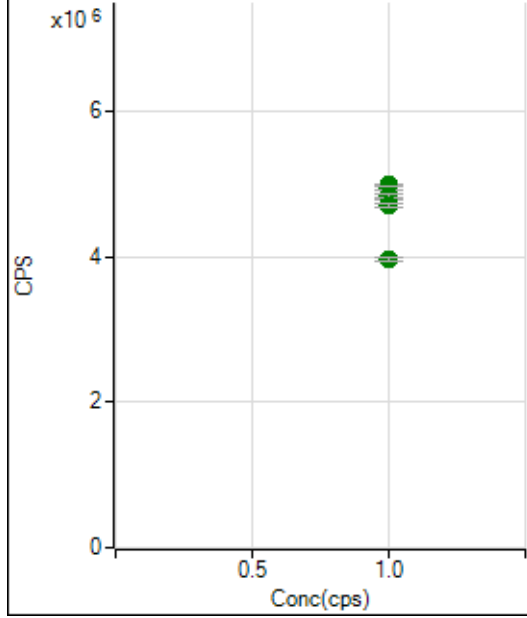
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10801324.42		A	0.5
2	☐	1.000		11114796.64		A	2.0
3	☐	1.000		11069642.61		A	0.6
4	☐	1.000		10895641.78		A	0.6
5	☐	1.000		10878427.89		A	1.3
6	☐	1.000		11133052.47		A	1.1
7	☐	1.000		11096203.72		A	0.5
8	☐	1.000		9815157.28		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7108192.26		A	0.8
2	☐	1.000		7145816.28		A	1.8
3	☐	1.000		7100833.92		A	0.4
4	☐	1.000		6946309.27		A	2.4
5	☐	1.000		6943945.52		A	0.8
6	☐	1.000		7143566.91		A	0.9
7	☐	1.000		7055991.49		A	1.1
8	☐	1.000		6319409.90		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6575703.86		A	1.5
2	☐	1.000		6612686.85		A	2.1
3	☐	1.000		6569453.38		A	1.1
4	☐	1.000		6624820.32		A	0.5
5	☐	1.000		6553955.39		A	0.6
6	☐	1.000		6693361.15		A	0.3
7	☐	1.000		6447911.23		A	0.6
8	☐	1.000		5285720.65		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4950827.84		A	1.0
2	☐	1.000		4994831.38		A	0.8
3	☐	1.000		4954275.69		A	1.2
4	☐	1.000		4834246.00		A	1.1
5	☐	1.000		4795917.26		A	0.4
6	☐	1.000		4837770.17		A	1.3
7	☐	1.000		4712696.94		A	0.6
8	☐	1.000		3967835.53		A	0.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7120623 MS.b
Acq. Date-Time 2023-12-06 13:33:53
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		18372	183719.08			0.616	5.000
24		87665	876648.48			0.684	5.000
25		11446	114463.74			0.682	5.000
26		13099	130989.54			0.690	5.000
59		85954	859536.56			0.358	5.000
113		11378	113784.57			0.381	5.000
115		137245	1372454.73			0.908	5.000
206		30468	304678.76			0.605	5.000
207		27394	273941.25			0.300	5.000
208		65155	651554.52			0.674	5.000
220		0	3.10			58.600	

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

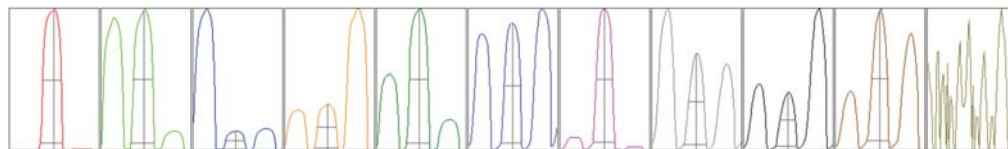
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	18309	18469	18518	18294	18269
24	86806	88411	87965	87712	87431
25	11326	11421	11478	11533	11475
26	12968	13060	13113	13205	13148
59	85684	85812	86398	86147	85728
113	11373	11369	11453	11344	11353
115	137489	138904	137693	136541	135601
206	30403	30545	30410	30737	30245
207	27413	27470	27457	27363	27268
208	65065	65920	64837	65060	64894

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	30701.19	9.00	8.90 - 9.10	
24	140554.24	23.95	23.90 - 24.10	
25	18691.38	24.95	24.90 - 25.10	
26	21213.93	25.95	25.90 - 26.10	
59	141376.43	58.95	58.90 - 59.10	
113	21388.36	113.00	112.90 - 113.10	
115	258333.02	115.00	114.90 - 115.10	
206	60112.80	206.00	205.90 - 206.10	
207	53438.54	207.00	206.90 - 207.10	
208	128369.58	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.745	0.900	
24	0.65	0.786	0.900	
25	0.64	0.775	0.900	
26	0.64	0.784	0.900	
59	0.63	0.780	0.900	
113	0.53	0.700	0.900	
115	0.54	0.737	0.900	
206	0.51	0.770	0.900	
207	0.51	0.727	0.900	
208	0.51	0.740	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	7.8 V	Deflect	14.6 V
Extract 2	-100.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 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	180 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.3 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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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		26157	261568.58			0.268	
89		32673	326730.79			0.494	
205		32616	326158.83			0.510	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	26249	26195	26096	26080	26164
89	32950	32649	32586	32537	32643
205	32883	32643	32442	32536	32576

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	8.4 V	Deflect	2.6 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	0.11		
Hardware Settings					
Torch					
Torch H	-0.3 mm	Torch V	1.0 mm		
EM					
Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:12:20	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.17	0.07	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	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	0.88	-0.84	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.07	-0.07	0.00	0.00	N/A	ppb
Calcium	43-1	-0.65	-1.19	1.84	0.00	N/A	ppb
Calcium	44-1	-0.13	-0.43	0.56	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	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	0.03	-0.06	0.00	N/A	ppb
Iron	57-2	0.00	1.16	-1.16	0.00	N/A	ppb
Iron	54-2	0.18	-0.03	-0.15	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:12:20	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	0.05	-0.06	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	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	0.02	0.00	N/A	ppb
Phosphorus	31-2	-11.27	-16.81	-11.56	-13.22		ppb
Potassium	39-2	-1.19	0.78	0.40	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.04	0.07	-0.10	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	-0.10	-0.11	0.00	N/A	ppb
Silicon	28-1	0.28	-0.59	0.32	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	-0.24	0.01	0.23	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-84.86	-61.92	30.67	-38.70		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:12:20	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	-0.04	0.14	-0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:18:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.88	19.76	19.43	20.02	3.80	ppb
Antimony	121-1	2.04	2.06	1.99	2.03	1.82	ppb
Arsenic	75-2	1.18	1.06	0.90	1.05	13.70	ppb
Barium	135-1	9.83	9.80	9.96	9.86	0.86	ppb
Barium	137-1	9.82	9.95	9.84	9.87	0.70	ppb
Beryllium	9-1	1.11	1.07	1.07	1.09	2.32	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.93	1.46	1.17	1.18	22.44	ppb
Cadmium	106-1	0.22	0.28	-0.64	-0.05		ppb
Cadmium	111-1	1.06	0.99	0.98	1.01	4.19	ppb
Calcium	43-1	507.63	541.73	512.18	520.52	3.56	ppb
Calcium	44-1	524.27	537.09	516.88	526.08	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.02	2.03	2.04	1.74	ppb
Cobalt	59-2	0.99	1.12	1.10	1.07	6.17	ppb
Copper	63-2	2.13	2.09	2.07	2.09	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	56.17	55.79	56.77	56.24	0.88	ppb
Iron	57-2	53.03	55.61	56.91	55.18	3.58	ppb
Iron	54-2	56.77	57.57	57.67	57.34	0.86	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:18:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	0.90	0.90	0.88	3.23	ppb
Lead	207-1	0.86	0.92	0.86	0.88	3.76	ppb
Lead	208-1	0.85	0.90	0.85	0.87	3.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	520.12	514.38	520.37	518.29	0.65	ppb
Manganese	55-2	0.98	1.00	1.02	1.00	1.88	ppb
Molybdenum	94-1	5.46	5.50	5.74	5.57	2.74	ppb
Molybdenum	95-1	4.77	4.72	4.78	4.75	0.70	ppb
Molybdenum	96-1	4.71	4.97	4.91	4.86	2.74	ppb
Molybdenum	97-1	4.60	4.81	4.81	4.74	2.64	ppb
Molybdenum	98-1	4.76	4.78	4.81	4.78	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.05	1.15	1.07	6.79	ppb
Phosphorus	31-2	16.83	10.49	12.32	13.22	24.70	ppb
Potassium	39-2	525.34	514.91	523.83	521.36	1.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	4.48	5.24	5.40	5.04	9.81	ppb
Selenium	77-2	3.27	7.44	5.10	5.27	39.73	ppb
Selenium	78-2	5.59	5.79	5.59	5.66	2.07	ppb
Silicon	28-1	-0.50	0.45	-0.27	-0.11		ppb
Silver	107-1	1.06	1.08	1.08	1.07	1.17	ppb
Silver	109-1	1.06	1.09	1.08	1.07	1.33	ppb
Sodium	23-2	517.46	511.92	516.55	515.31	0.58	ppb
Strontium	86-1	0.99	0.95	1.01	0.99	2.90	ppb
Strontium	88-1	0.92	0.98	0.97	0.96	3.62	ppb
Sulfur	34-1	-51.66	155.17	12.61	38.70	273.50	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.87	0.90	0.89	0.89	1.74	ppb
Thallium	205-1	0.90	0.92	0.86	0.89	2.96	ppb
Tin	118-1	5.08	5.04	5.11	5.08	0.71	ppb
Titanium	47-1	5.18	5.22	5.00	5.13	2.25	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:18:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.86	0.83	0.83	3.58	ppb
Vanadium	51-2	5.10	5.00	5.08	5.06	1.06	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5.23	5.20	5.05	5.16	1.85	ppb
Zirconium	90-1	0.96	0.96	0.96	0.96	0.09	ppb
Zirconium	91-1	1.00	0.97	0.97	0.98	1.97	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:22:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1122.06	1110.01	1119.43	1117.17	0.57	ppb
Antimony	121-1	52.88	52.71	52.44	52.67	0.42	ppb
Arsenic	75-2	51.99	53.59	52.19	52.59	1.65	ppb
Barium	135-1	257.68	257.70	256.18	257.19	0.34	ppb
Barium	137-1	257.46	258.54	256.60	257.53	0.38	ppb
Beryllium	9-1	56.98	54.96	55.33	55.76	1.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.43	53.32	57.24	55.66	3.72	ppb
Cadmium	106-1	55.18	54.52	52.71	54.14	2.36	ppb
Cadmium	111-1	55.59	55.17	55.73	55.50	0.52	ppb
Calcium	43-1	6162.69	6239.93	6142.77	6181.80	0.83	ppb
Calcium	44-1	5683.16	5672.94	5630.42	5662.17	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.69	53.00	53.15	52.95	0.44	ppb
Cobalt	59-2	53.71	54.17	53.50	53.79	0.64	ppb
Copper	63-2	549.96	535.83	543.54	543.11	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	2759.73	2734.71	2784.15	2759.53	0.90	ppb
Iron	57-2	2904.20	2899.93	2924.89	2909.67	0.46	ppb
Iron	54-2	2994.17	2958.43	2974.58	2975.73	0.60	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:22:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	241.21	242.68	241.99	241.96	0.30	ppb
Lead	207-1	239.72	240.85	240.18	240.25	0.24	ppb
Lead	208-1	249.75	248.80	248.67	249.07	0.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	5328.39	5269.72	5343.99	5314.03	0.74	ppb
Manganese	55-2	528.47	528.15	535.39	530.67	0.77	ppb
Molybdenum	94-1	523.91	522.10	510.97	518.99	1.35	ppb
Molybdenum	95-1	523.52	524.02	522.71	523.41	0.13	ppb
Molybdenum	96-1	526.15	525.10	525.54	525.60	0.10	ppb
Molybdenum	97-1	525.18	529.37	526.75	527.10	0.40	ppb
Molybdenum	98-1	520.08	519.75	517.33	519.05	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.66	54.02	54.50	54.39	0.61	ppb
Phosphorus	31-2	1062.75	1039.43	1042.22	1048.13	1.22	ppb
Potassium	39-2	2752.59	2744.73	2744.58	2747.30	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	56.14	55.19	54.13	55.15	1.83	ppb
Selenium	77-2	56.43	49.23	50.04	51.90	7.59	ppb
Selenium	78-2	54.57	54.34	53.45	54.12	1.10	ppb
Silicon	28-1	56.11	57.03	56.32	56.48	0.86	ppb
Silver	107-1	56.98	56.76	56.90	56.88	0.20	ppb
Silver	109-1	56.51	56.66	56.52	56.56	0.14	ppb
Sodium	23-2	5253.11	5217.35	5337.55	5269.34	1.17	ppb
Strontium	86-1	1286.66	1293.33	1304.87	1294.95	0.71	ppb
Strontium	88-1	1273.11	1278.08	1282.75	1277.98	0.38	ppb
Sulfur	34-1	1065.12	1034.58	974.72	1024.81	4.49	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	47.98	47.85	47.80	47.88	0.19	ppb
Thallium	205-1	48.04	48.19	47.96	48.06	0.24	ppb
Tin	118-1	52.96	52.89	52.43	52.76	0.54	ppb
Titanium	47-1	524.07	528.57	526.74	526.46	0.43	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:22:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	45.19	45.53	45.54	45.42	0.44	ppb
Vanadium	51-2	51.44	51.85	52.32	51.87	0.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	549.84	542.44	549.01	547.10	0.74	ppb
Zirconium	90-1	52.30	52.24	52.02	52.18	0.28	ppb
Zirconium	91-1	51.39	52.81	51.89	52.03	1.38	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:25:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2722.88	2678.34	2689.40	2696.87	0.86	ppb
Antimony	121-1	128.43	128.73	130.05	129.07	0.67	ppb
Arsenic	75-2	129.96	128.49	127.96	128.80	0.80	ppb
Barium	135-1	624.33	626.36	633.08	627.92	0.73	ppb
Barium	137-1	653.55	643.92	660.39	652.62	1.27	ppb
Beryllium	9-1	136.90	135.02	135.24	135.72	0.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.81	132.59	135.03	134.48	1.25	ppb
Cadmium	106-1	130.63	136.23	133.96	133.61	2.11	ppb
Cadmium	111-1	134.93	134.48	134.66	134.69	0.17	ppb
Calcium	43-1	15282.99	15266.06	15470.15	15339.73	0.74	ppb
Calcium	44-1	13887.39	13805.83	13933.86	13875.69	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.50	129.40	132.62	130.84	1.25	ppb
Cobalt	59-2	132.44	130.80	132.74	132.00	0.79	ppb
Copper	63-2	1333.86	1307.14	1335.74	1325.58	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	6940.97	6845.31	6857.76	6881.34	0.76	ppb
Iron	57-2	7194.47	7146.84	7305.39	7215.57	1.13	ppb
Iron	54-2	7448.22	7336.94	7359.14	7381.44	0.80	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:25:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	626.08	623.79	635.79	628.56	1.01	ppb
Lead	207-1	629.93	626.79	629.65	628.79	0.28	ppb
Lead	208-1	628.28	623.35	630.19	627.27	0.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	13274.62	12892.64	13144.35	13103.87	1.48	ppb
Manganese	55-2	1297.01	1282.94	1290.62	1290.19	0.55	ppb
Molybdenum	94-1	1265.17	1261.00	1290.91	1272.36	1.27	ppb
Molybdenum	95-1	1258.35	1263.77	1269.58	1263.90	0.44	ppb
Molybdenum	96-1	1259.51	1270.31	1274.84	1268.22	0.62	ppb
Molybdenum	97-1	1274.04	1270.14	1298.38	1280.85	1.19	ppb
Molybdenum	98-1	1247.23	1251.95	1265.72	1254.96	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.77	133.17	134.21	134.05	0.60	ppb
Phosphorus	31-2	2592.16	2519.99	2618.51	2576.89	1.98	ppb
Potassium	39-2	6383.27	6370.55	6541.77	6431.86	1.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	131.96	133.13	133.26	132.79	0.54	ppb
Selenium	77-2	129.73	137.52	137.36	134.87	3.30	ppb
Selenium	78-2	132.32	124.21	131.32	129.28	3.42	ppb
Silicon	28-1	138.38	137.48	139.16	138.34	0.61	ppb
Silver	107-1	136.53	136.33	137.47	136.78	0.45	ppb
Silver	109-1	135.16	134.26	136.21	135.21	0.72	ppb
Sodium	23-2	13216.95	12952.25	13266.08	13145.10	1.28	ppb
Strontium	86-1	3127.21	3140.10	3179.02	3148.77	0.86	ppb
Strontium	88-1	3150.22	3167.87	3161.75	3159.95	0.28	ppb
Sulfur	34-1	2686.29	2545.38	2475.81	2569.16	4.17	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	118.54	117.46	118.16	118.06	0.46	ppb
Thallium	205-1	125.43	122.77	124.56	124.25	1.09	ppb
Tin	118-1	128.45	129.39	130.19	129.34	0.67	ppb
Titanium	47-1	1300.08	1253.02	1296.18	1283.09	2.04	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:25:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	121.83	119.37	123.57	121.59	1.74	ppb
Vanadium	51-2	129.15	127.62	129.79	128.85	0.86	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	1353.12	1337.90	1370.49	1353.84	1.20	ppb
Zirconium	90-1	127.47	129.18	128.56	128.40	0.68	ppb
Zirconium	91-1	127.72	128.39	129.14	128.42	0.55	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:28:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5360.78	5350.83	5341.68	5351.09	0.18	ppb
Antimony	121-1	256.53	262.13	255.36	258.00	1.40	ppb
Arsenic	75-2	253.84	257.66	256.26	255.92	0.76	ppb
Barium	135-1	1280.65	1300.71	1270.78	1284.05	1.19	ppb
Barium	137-1	1290.12	1288.97	1281.59	1286.89	0.36	ppb
Beryllium	9-1	265.71	262.50	261.38	263.19	0.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	259.94	266.08	266.11	264.04	1.35	ppb
Cadmium	106-1	263.20	265.04	260.90	263.05	0.79	ppb
Cadmium	111-1	261.55	269.29	261.39	264.08	1.71	ppb
Calcium	43-1	29460.17	30544.79	29977.38	29994.11	1.81	ppb
Calcium	44-1	26975.71	27473.14	27017.45	27155.43	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261.03	259.78	260.04	260.28	0.25	ppb
Cobalt	59-2	259.79	263.32	261.53	261.55	0.68	ppb
Copper	63-2	2618.28	2642.78	2616.71	2625.92	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13509.68	13653.19	13568.02	13576.96	0.53	ppb
Iron	57-2	14298.52	14299.30	14302.28	14300.03	0.01	ppb
Iron	54-2	13703.84	13986.58	13617.64	13769.35	1.40	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:28:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1263.12	1251.42	1255.70	1256.75	0.47	ppb
Lead	207-1	1251.76	1254.36	1273.72	1259.95	0.95	ppb
Lead	208-1	1251.65	1252.36	1263.18	1255.73	0.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	26026.90	25852.08	25707.50	25862.16	0.62	ppb
Manganese	55-2	2530.12	2567.98	2523.72	2540.61	0.94	ppb
Molybdenum	94-1	2519.50	2511.36	2564.69	2531.85	1.13	ppb
Molybdenum	95-1	2541.04	2533.64	2559.49	2544.72	0.52	ppb
Molybdenum	96-1	2549.73	2515.50	2569.29	2544.84	1.07	ppb
Molybdenum	97-1	2520.53	2525.22	2542.52	2529.42	0.46	ppb
Molybdenum	98-1	2496.59	2527.11	2550.30	2524.67	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.54	266.81	264.10	264.81	0.66	ppb
Phosphorus	31-2	5161.39	5042.69	5122.64	5108.91	1.18	ppb
Potassium	39-2	12773.01	12842.80	12655.02	12756.94	0.74	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	261.38	261.51	262.30	261.73	0.19	ppb
Selenium	77-2	261.48	272.78	259.22	264.49	2.75	ppb
Selenium	78-2	265.38	260.36	254.50	260.08	2.09	ppb
Silicon	28-1	266.82	271.51	269.94	269.42	0.89	ppb
Silver	107-1	262.70	268.29	263.04	264.68	1.18	ppb
Silver	109-1	262.83	268.05	259.48	263.45	1.64	ppb
Sodium	23-2	26209.83	26059.51	26142.85	26137.40	0.29	ppb
Strontium	86-1	6358.78	6299.18	6389.91	6349.29	0.73	ppb
Strontium	88-1	6263.90	6340.37	6270.35	6291.54	0.67	ppb
Sulfur	34-1	4384.25	4489.34	4002.38	4291.99	5.97	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	249.94	246.50	250.97	249.14	0.94	ppb
Thallium	205-1	248.88	246.52	247.56	247.65	0.48	ppb
Tin	118-1	255.86	263.62	253.46	257.65	2.06	ppb
Titanium	47-1	2525.32	2587.49	2527.47	2546.76	1.39	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:28:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	241.67	247.09	244.24	244.33	1.11	ppb
Vanadium	51-2	257.00	256.22	255.23	256.15	0.35	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	2705.06	2704.23	2696.37	2701.89	0.18	ppb
Zirconium	90-1	255.53	250.17	255.57	253.76	1.22	ppb
Zirconium	91-1	254.42	254.92	257.22	255.52	0.58	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:30:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10182.39	10290.00	10294.51	10255.64	0.62	ppb
Antimony	121-1	488.32	509.91	509.07	502.43	2.43	ppb
Arsenic	75-2	511.92	498.18	497.62	502.57	1.61	ppb
Barium	135-1	2458.21	2495.42	2537.87	2497.17	1.60	ppb
Barium	137-1	2476.11	2531.52	2543.85	2517.16	1.43	ppb
Beryllium	9-1	500.84	494.99	508.70	501.51	1.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	496.38	511.74	516.26	508.12	2.05	ppb
Cadmium	106-1	495.70	515.66	514.96	508.77	2.23	ppb
Cadmium	111-1	499.80	516.29	519.16	511.75	2.04	ppb
Calcium	43-1	57440.25	57900.55	57523.17	57621.32	0.43	ppb
Calcium	44-1	53041.99	53879.83	54576.54	53832.79	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.97	501.48	506.02	505.49	0.75	ppb
Cobalt	59-2	507.98	516.67	510.91	511.86	0.86	ppb
Copper	63-2	5156.69	5130.36	5112.61	5133.22	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	26906.93	27020.54	26690.58	26872.68	0.62	ppb
Iron	57-2	27344.52	26821.61	26780.04	26982.06	1.17	ppb
Iron	54-2	27688.34	27140.99	26986.35	27271.89	1.35	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:30:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2449.81	2487.49	2460.77	2466.02	0.79	ppb
Lead	207-1	2477.16	2463.54	2473.06	2471.26	0.28	ppb
Lead	208-1	2462.21	2471.37	2470.00	2467.86	0.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	51672.92	51122.51	50982.70	51259.38	0.71	ppb
Manganese	55-2	5098.30	5055.48	5000.66	5051.48	0.97	ppb
Molybdenum	94-1	4868.94	4989.54	5020.95	4959.81	1.62	ppb
Molybdenum	95-1	4881.78	4921.14	4982.45	4928.46	1.03	ppb
Molybdenum	96-1	4857.91	4939.33	4965.14	4920.80	1.14	ppb
Molybdenum	97-1	4882.98	4975.64	4972.52	4943.71	1.06	ppb
Molybdenum	98-1	4895.14	4988.80	4954.49	4946.15	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.42	514.30	511.01	513.25	0.38	ppb
Phosphorus	31-2	10176.41	10062.17	10023.76	10087.45	0.79	ppb
Potassium	39-2	25353.08	25039.15	24956.89	25116.37	0.83	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	499.56	504.19	509.73	504.49	1.01	ppb
Selenium	77-2	512.63	529.02	479.30	506.98	5.00	ppb
Selenium	78-2	514.50	510.71	502.77	509.33	1.18	ppb
Silicon	28-1	511.75	511.80	523.25	515.60	1.28	ppb
Silver	107-1	499.66	516.72	512.79	509.72	1.75	ppb
Silver	109-1	501.99	516.22	516.14	511.45	1.60	ppb
Sodium	23-2	51673.85	51745.93	51463.44	51627.74	0.28	ppb
Strontium	86-1	12267.77	12575.41	12523.35	12455.51	1.32	ppb
Strontium	88-1	12074.63	12496.87	12423.47	12331.66	1.83	ppb
Sulfur	34-1	8842.97	9133.94	9288.47	9088.46	2.49	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	497.22	500.41	496.62	498.08	0.41	ppb
Thallium	205-1	488.52	492.80	489.46	490.26	0.46	ppb
Tin	118-1	500.30	508.58	505.71	504.86	0.83	ppb
Titanium	47-1	4913.83	5000.59	5092.90	5002.44	1.79	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:30:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	482.96	487.43	490.65	487.02	0.79	ppb
Vanadium	51-2	509.85	497.73	506.44	504.67	1.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	5146.23	5176.89	5139.67	5154.26	0.39	ppb
Zirconium	90-1	488.07	497.43	499.00	494.83	1.19	ppb
Zirconium	91-1	493.69	506.11	499.94	499.91	1.24	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:33:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20282.09	20334.04	20160.88	20259.00	0.44	ppb
Antimony	121-1	976.49	1006.73	1005.20	996.14	1.71	ppb
Arsenic	75-2	999.77	995.55	994.56	996.63	0.28	ppb
Barium	135-1	4935.60	5054.93	4986.01	4992.18	1.20	ppb
Barium	137-1	4872.84	5065.56	4996.71	4978.37	1.96	ppb
Beryllium	9-1	974.30	1008.71	999.95	994.32	1.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	966.82	998.59	1007.47	990.96	2.16	ppb
Cadmium	106-1	977.05	1004.65	991.51	991.07	1.39	ppb
Cadmium	111-1	969.19	1001.99	996.18	989.12	1.77	ppb
Calcium	43-1	114371.40	114627.31	114308.15	114435.62	0.15	ppb
Calcium	44-1	107693.40	109001.55	107018.99	107904.64	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008.66	989.78	982.97	993.81	1.34	ppb
Cobalt	59-2	999.14	992.66	978.56	990.12	1.06	ppb
Copper	63-2	10032.02	9888.58	9750.33	9890.31	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	53308.05	53034.59	52015.33	52785.99	1.29	ppb
Iron	57-2	53539.99	53004.15	52628.18	53057.44	0.86	ppb
Iron	54-2	53505.90	53634.16	52623.85	53254.64	1.03	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:33:39	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4959.17	5031.16	5055.44	5015.26	1.00	ppb
Lead	207-1	4946.40	5028.87	5060.43	5011.90	1.17	ppb
Lead	208-1	4972.77	5029.81	5040.62	5014.40	0.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	102105.41	100000.85	99732.43	100612.90	1.29	ppb
Manganese	55-2	10026.79	10027.08	9818.77	9957.55	1.21	ppb
Molybdenum	94-1	9948.94	10088.67	9987.56	10008.39	0.72	ppb
Molybdenum	95-1	9962.98	10114.71	9987.36	10021.68	0.81	ppb
Molybdenum	96-1	9932.04	10091.05	10051.42	10024.84	0.83	ppb
Molybdenum	97-1	9958.67	10073.91	10014.14	10015.58	0.58	ppb
Molybdenum	98-1	10012.00	10052.45	9993.11	10019.19	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.47	985.08	983.42	988.32	0.72	ppb
Phosphorus	31-2	20186.80	19925.42	19638.88	19917.03	1.38	ppb
Potassium	39-2	50601.39	50375.87	49390.20	50122.49	1.29	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	990.37	994.53	995.87	993.59	0.29	ppb
Selenium	77-2	1000.71	991.34	982.61	991.55	0.91	ppb
Selenium	78-2	984.82	1000.23	991.17	992.07	0.78	ppb
Silicon	28-1	1009.54	994.66	952.16	985.45	3.02	ppb
Silver	107-1	972.32	1004.16	992.48	989.65	1.63	ppb
Silver	109-1	978.66	996.68	992.58	989.31	0.95	ppb
Sodium	23-2	103982.84	101622.55	101187.30	102264.23	1.47	ppb
Strontium	86-1	25026.59	25063.68	24886.34	24992.20	0.37	ppb
Strontium	88-1	25096.99	25038.03	25069.04	25068.02	0.12	ppb
Sulfur	34-1	20827.94	20695.95	20344.78	20622.89	1.21	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	999.91	995.26	1011.27	1002.15	0.82	ppb
Thallium	205-1	995.12	1008.58	1013.25	1005.65	0.94	ppb
Tin	118-1	986.84	1008.33	989.75	994.98	1.17	ppb
Titanium	47-1	9963.95	10101.32	9879.63	9981.63	1.12	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:33:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1000.80	1017.36	1007.53	1008.56	0.83	ppb
Vanadium	51-2	1006.84	999.30	980.51	995.55	1.36	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	9990.76	9763.03	9817.39	9857.06	1.21	ppb
Zirconium	90-1	996.78	1003.28	1003.27	1001.11	0.37	ppb
Zirconium	91-1	995.70	1002.85	995.86	998.14	0.41	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:36:26	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99424.37	99716.60	100555.99	99898.99	0.59	ppb
Antimony	121-1	0.97	1.04	1.01	1.01	3.55	ppb
Arsenic	75-2	0.38	0.51	0.36	0.42	19.96	ppb
Barium	135-1	3.75	3.52	3.31	3.53	6.25	ppb
Barium	137-1	3.78	3.54	3.31	3.54	6.66	ppb
Beryllium	9-1	0.42	0.35	0.26	0.34	23.85	ppb
Bismuth	209-1				80		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.82	0.62	0.77	17.88	ppb
Cadmium	106-1	-1.06	1.49	-0.23	0.07	1995.90	ppb
Cadmium	111-1	0.58	0.75	0.61	0.64	14.76	ppb
Calcium	43-1	495795.67	495587.54	496671.41	496018.21	0.12	ppb
Calcium	44-1	500505.38	494686.27	498469.28	497886.98	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.64	2.68	2.66	2.66	0.82	ppb
Cobalt	59-2	3.04	3.05	2.95	3.01	1.69	ppb
Copper	63-2	2.41	2.03	2.10	2.18	9.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				83		%
Indium	115-2				84		%
Iron	56-2	246728.51	250018.47	250802.93	249183.30	0.87	ppb
Iron	57-2	247551.94	249213.10	250451.16	249072.07	0.58	ppb
Iron	54-2	247497.75	248511.60	251066.77	249025.37	0.74	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:36:26	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.30	3.08	2.83	3.07	7.64	ppb
Lead	207-1	3.27	2.99	2.85	3.04	6.99	ppb
Lead	208-1	3.30	3.08	2.80	3.06	8.19	ppb
Lithium	6-1				93		%
Magnesium	24-2	498141.88	499030.81	501897.67	499690.12	0.39	ppb
Manganese	55-2	5.46	5.68	5.31	5.48	3.35	ppb
Molybdenum	94-1	4.52	4.29	3.95	4.25	6.76	ppb
Molybdenum	95-1	4.63	4.93	4.99	4.85	3.95	ppb
Molybdenum	96-1	4.80	4.23	3.90	4.31	10.53	ppb
Molybdenum	97-1	4.04	3.78	3.27	3.70	10.48	ppb
Molybdenum	98-1	3.65	3.16	2.58	3.13	17.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.19	3.46	3.43	3.36	4.39	ppb
Phosphorus	31-2	-10.72	-9.61	-1.35	-7.23		ppb
Potassium	39-2	248096.25	248818.83	252916.79	249943.96	1.04	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	6.40	5.76	5.74	5.97	6.29	ppb
Selenium	77-2	4.82	7.33	5.16	5.77	23.61	ppb
Selenium	78-2	7.01	6.28	5.04	6.11	16.31	ppb
Silicon	28-1	2.66	2.79	2.40	2.62	7.51	ppb
Silver	107-1	0.42	0.35	0.31	0.36	15.23	ppb
Silver	109-1	0.44	0.38	0.32	0.38	15.48	ppb
Sodium	23-2	499366.65	498588.51	499970.86	499308.67	0.14	ppb
Strontium	86-1	8.30	6.83	5.63	6.92	19.32	ppb
Strontium	88-1	8.15	6.90	5.64	6.90	18.20	ppb
Sulfur	34-1	-951.95	-771.59	-480.09	-734.54		ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.41	0.36	0.31	0.36	14.00	ppb
Thallium	205-1	0.43	0.37	0.31	0.37	15.53	ppb
Tin	118-1	0.74	0.70	0.63	0.69	8.06	ppb
Titanium	47-1	3.50	3.08	2.76	3.11	11.94	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:36:26	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.45	0.39	0.44	9.93	ppb
Vanadium	51-2	0.33	0.28	0.26	0.29	13.42	ppb
Yttrium	89-1				86		%
Yttrium	89-2				89		%
Zinc	66-2	9.75	9.93	9.19	9.62	4.02	ppb
Zirconium	90-1	0.66	0.59	0.57	0.61	7.69	ppb
Zirconium	91-1	0.63	0.65	0.60	0.63	3.58	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICV13	Instrumnet Name :	P7
Client Sample ID :	ICV13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:51:58	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	522.93	519.40	530.52	524.28	1.08	ppb
Antimony	121-1	191.08	198.69	199.42	196.40	2.35	ppb
Arsenic	75-2	199.39	199.90	200.43	199.91	0.26	ppb
Barium	135-1	94.35	99.08	99.39	97.61	2.90	ppb
Barium	137-1	95.81	98.97	98.84	97.88	1.83	ppb
Beryllium	9-1	96.78	100.80	101.47	99.68	2.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	157.43	165.55	163.15	162.04	2.57	ppb
Cadmium	106-1	166.96	174.28	171.52	170.92	2.16	ppb
Cadmium	111-1	105.04	110.03	108.87	107.98	2.42	ppb
Calcium	43-1	2159.86	2268.96	2278.87	2235.90	2.95	ppb
Calcium	44-1	2075.97	2162.26	2189.71	2142.64	2.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.94	100.29	102.05	101.09	0.88	ppb
Cobalt	59-2	103.20	101.94	102.45	102.53	0.61	ppb
Copper	63-2	100.84	99.86	100.58	100.43	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	2088.50	2066.97	2103.04	2086.17	0.87	ppb
Iron	57-2	2200.20	2181.40	2181.13	2187.58	0.50	ppb
Iron	54-2	2266.34	2275.13	2278.90	2273.45	0.28	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICV13	Instrumnet Name :	P7
Client Sample ID :	ICV13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:51:58	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	204.85	210.02	212.77	209.21	1.92	ppb
Lead	207-1	197.76	202.12	203.50	201.13	1.49	ppb
Lead	208-1	208.33	213.33	215.34	212.34	1.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	1178.89	1181.07	1179.42	1179.80	0.10	ppb
Manganese	55-2	102.65	101.63	102.18	102.15	0.50	ppb
Molybdenum	94-1	4556.16	4676.35	4721.80	4651.44	1.84	ppb
Molybdenum	95-1	4510.26	4631.98	4731.25	4624.50	2.39	ppb
Molybdenum	96-1	4581.49	4653.54	4728.39	4654.47	1.58	ppb
Molybdenum	97-1	4534.76	4636.42	4726.93	4632.71	2.08	ppb
Molybdenum	98-1	4554.85	4659.10	4692.54	4635.50	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.88	102.98	103.79	103.88	0.92	ppb
Phosphorus	31-2	-18.52	-17.87	-16.91	-17.77		ppb
Potassium	39-2	2016.04	2003.32	2041.67	2020.34	0.97	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	195.10	205.00	206.05	202.05	2.99	ppb
Selenium	77-2	204.02	206.53	205.94	205.50	0.64	ppb
Selenium	78-2	200.87	201.92	207.36	203.38	1.71	ppb
Silicon	28-1	36.72	39.10	40.21	38.67	4.61	ppb
Silver	107-1	48.51	50.87	51.36	50.25	3.04	ppb
Silver	109-1	48.08	50.29	50.41	49.59	2.65	ppb
Sodium	23-2	1980.97	2021.37	2014.59	2005.64	1.08	ppb
Strontium	86-1	476.21	489.62	495.95	487.26	2.07	ppb
Strontium	88-1	475.41	491.06	487.10	484.52	1.68	ppb
Sulfur	34-1	-1189.97	-1147.96	-1225.42	-1187.78		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	196.82	200.78	204.47	200.69	1.91	ppb
Thallium	205-1	210.54	208.89	213.70	211.04	1.16	ppb
Tin	118-1	499.77	514.34	513.75	509.29	1.62	ppb
Titanium	47-1	4684.77	4916.11	4850.46	4817.11	2.47	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICV13	Instrumnet Name :	P7
Client Sample ID :	ICV13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:51:58	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.30	508.59	509.70	503.53	1.93	ppb
Vanadium	51-2	96.59	95.83	96.49	96.30	0.43	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	212.41	211.85	212.99	212.42	0.27	ppb
Zirconium	90-1	464.23	481.20	487.60	477.68	2.53	ppb
Zirconium	91-1	472.08	482.91	495.65	483.54	2.44	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:58:21	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.16	20.27	20.61	20.35	1.14	ppb
Antimony	121-1	2.00	2.00	2.04	2.02	1.16	ppb
Arsenic	75-2	0.84	0.88	1.14	0.95	16.96	ppb
Barium	135-1	9.61	9.76	9.39	9.59	1.98	ppb
Barium	137-1	9.45	9.51	9.66	9.54	1.13	ppb
Beryllium	9-1	0.97	1.07	1.05	1.03	5.01	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	0.78	0.76	0.84	14.72	ppb
Cadmium	106-1	-1.34	-0.55	-0.30	-0.73		ppb
Cadmium	111-1	0.79	0.93	1.07	0.93	14.99	ppb
Calcium	43-1	496.01	510.53	492.15	499.56	1.94	ppb
Calcium	44-1	505.97	516.21	509.62	510.60	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	2.02	2.05	2.01	2.54	ppb
Cobalt	59-2	1.04	1.08	1.08	1.06	2.21	ppb
Copper	63-2	1.88	1.80	1.81	1.83	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	55.43	55.77	55.63	55.61	0.30	ppb
Iron	57-2	56.49	55.21	57.45	56.38	1.99	ppb
Iron	54-2	59.07	59.03	56.94	58.35	2.09	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:58:21	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.89	0.90	0.88	0.89	1.42	ppb
Lead	207-1	0.92	0.87	0.84	0.88	4.54	ppb
Lead	208-1	0.90	0.91	0.86	0.89	3.20	ppb
Lithium	6-1				107		%
Magnesium	24-2	518.09	516.44	516.12	516.88	0.20	ppb
Manganese	55-2	1.01	1.06	1.05	1.04	2.30	ppb
Molybdenum	94-1	5.57	5.56	5.57	5.57	0.11	ppb
Molybdenum	95-1	4.69	4.69	4.80	4.72	1.36	ppb
Molybdenum	96-1	4.77	4.64	4.81	4.74	1.90	ppb
Molybdenum	97-1	4.66	4.72	4.63	4.67	1.00	ppb
Molybdenum	98-1	4.65	4.74	4.59	4.66	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.06	1.11	1.11	4.65	ppb
Phosphorus	31-2	26.59	16.13	6.80	16.51	59.95	ppb
Potassium	39-2	504.44	506.24	496.59	502.42	1.02	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	5.17	5.00	4.48	4.88	7.33	ppb
Selenium	77-2	4.16	4.46	5.13	4.59	10.89	ppb
Selenium	78-2	5.42	3.30	3.44	4.05	29.27	ppb
Silicon	28-1	-0.80	-0.91	-1.07	-0.93		ppb
Silver	107-1	1.02	1.03	1.06	1.04	2.23	ppb
Silver	109-1	1.01	1.02	0.99	1.01	1.41	ppb
Sodium	23-2	538.24	529.91	535.24	534.46	0.79	ppb
Strontium	86-1	0.91	0.94	0.97	0.94	3.35	ppb
Strontium	88-1	0.95	0.92	0.97	0.95	2.73	ppb
Sulfur	34-1	-1094.88	-978.30	-1100.36	-1057.85		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.91	0.86	0.90	3.75	ppb
Thallium	205-1	0.88	0.91	0.88	0.89	2.03	ppb
Tin	118-1	4.89	4.89	4.98	4.92	1.12	ppb
Titanium	47-1	4.81	4.96	4.92	4.89	1.63	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:58:21	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.84	0.82	0.84	1.49	ppb
Vanadium	51-2	4.86	4.83	5.01	4.90	1.92	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	5.34	5.09	5.06	5.16	3.00	ppb
Zirconium	90-1	0.93	0.96	0.95	0.94	1.78	ppb
Zirconium	91-1	0.93	0.94	0.86	0.91	4.79	ppb

LB Number : LB128594 Operator : Jaswal
 Lab Sample ID : ICB13 Instrumnet Name : P7
 Client Sample ID : ICB13 Dilution Factor : 1
 Date & Time Acquired : 2023-12-06 15:01:36 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.23	-0.18	-0.18		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	27.78	ppb
Arsenic	75-2	0.01	0.01	0.03	0.01	85.47	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	78.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.01	-0.01	0.03	181.66	ppb
Cadmium	106-1	-0.55	-0.89	-0.22	-0.55		ppb
Cadmium	111-1	-0.05	-0.06	-0.01	-0.04		ppb
Calcium	43-1	-4.47	-3.46	-2.73	-3.55		ppb
Calcium	44-1	3.72	1.90	0.63	2.08	74.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.18	-0.14	-0.14	-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				98		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	-0.01	-0.06	0.04	-0.01		ppb
Iron	57-2	-2.00	-2.74	-3.40	-2.71		ppb
Iron	54-2	-0.37	0.01	0.21	-0.05		ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICB13	Instrumnet Name :	P7
Client Sample ID :	ICB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:01:36	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	25.13	ppb
Lead	207-1	0.03	0.02	0.01	0.02	32.56	ppb
Lead	208-1	0.03	0.02	0.02	0.02	13.00	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.28	0.31	0.46	0.35	27.90	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	25.77	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	4.28	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.02	22.42	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	27.94	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	16.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	1112.85	ppb
Phosphorus	31-2	-12.63	-9.58	-13.63	-11.95		ppb
Potassium	39-2	-4.09	-2.13	-4.32	-3.51		ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.21	0.32	0.83	0.45	73.29	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.31	-0.54	-0.41		ppb
Silicon	28-1	-0.96	-0.86	-2.07	-1.30		ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.74	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.83	ppb
Sodium	23-2	19.18	19.50	19.24	19.31	0.87	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	767.97	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	151.68	ppb
Sulfur	34-1	-864.61	-908.09	-985.79	-919.50		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.91	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.70	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.01	-0.01	0.04	0.01	188.15	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICB13	Instrumnet Name :	P7
Client Sample ID :	ICB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:01:36	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	0.00	-0.06	-0.11	-0.06		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	152.95	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.01	192.04	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSA13	Instrumnet Name :	P7
Client Sample ID :	ICSA13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:04:53	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94742.33	96271.41	95266.76	95426.83	0.81	ppb
Antimony	121-1	1.15	1.16	1.20	1.17	2.36	ppb
Arsenic	75-2	0.27	0.36	0.45	0.36	25.18	ppb
Barium	135-1	1.40	1.39	1.42	1.40	1.13	ppb
Barium	137-1	1.33	1.26	1.38	1.33	4.42	ppb
Beryllium	9-1	0.23	0.34	0.28	0.28	18.33	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.88	10.62	10.27	10.59	2.90	ppb
Cadmium	106-1	-2.22	-2.57	-2.83	-2.54		ppb
Cadmium	111-1	0.28	0.16	0.19	0.21	30.59	ppb
Calcium	43-1	95242.62	96679.71	96882.15	96268.16	0.93	ppb
Calcium	44-1	95705.22	96094.50	96029.37	95943.03	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.18	19.98	19.50	19.89	1.77	ppb
Cobalt	59-2	1.19	1.30	1.20	1.23	5.11	ppb
Copper	63-2	9.77	9.36	9.26	9.46	2.84	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				102		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	102263.70	102407.44	101102.25	101924.46	0.70	ppb
Iron	57-2	101303.58	101243.73	100332.00	100959.77	0.54	ppb
Iron	54-2	102396.83	103002.77	101364.78	102254.79	0.81	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSA13	Instrumnet Name :	P7
Client Sample ID :	ICSA13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:04:53	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.64	4.55	4.47	4.55	1.87	ppb
Lead	207-1	4.32	4.26	4.03	4.20	3.67	ppb
Lead	208-1	4.45	4.31	4.20	4.32	2.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	93539.16	93283.30	92162.03	92994.83	0.79	ppb
Manganese	55-2	8.20	8.11	7.90	8.07	1.91	ppb
Molybdenum	94-1	1494.63	1520.92	1509.15	1508.24	0.87	ppb
Molybdenum	95-1	1817.69	1842.74	1830.12	1830.18	0.68	ppb
Molybdenum	96-1	1785.81	1800.40	1793.44	1793.22	0.41	ppb
Molybdenum	97-1	1813.70	1866.30	1841.56	1840.52	1.43	ppb
Molybdenum	98-1	1829.40	1836.97	1823.91	1830.10	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.66	5.36	5.54	2.92	ppb
Phosphorus	31-2	97212.05	97798.25	96507.39	97172.56	0.67	ppb
Potassium	39-2	96096.81	96019.16	94961.92	95692.63	0.66	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.18	0.30	0.22	0.23	25.88	ppb
Selenium	77-2	0.00	0.63	0.31	0.31	100.41	ppb
Selenium	78-2	0.39	-1.11	-0.85	-0.52		ppb
Silicon	28-1	0.55	0.73	1.68	0.99	61.70	ppb
Silver	107-1	0.06	0.04	0.04	0.05	19.49	ppb
Silver	109-1	0.05	0.04	0.04	0.04	3.85	ppb
Sodium	23-2	100261.61	100601.49	98874.14	99912.41	0.92	ppb
Strontium	86-1	32.16	32.91	32.52	32.53	1.15	ppb
Strontium	88-1	32.51	32.62	32.57	32.57	0.17	ppb
Sulfur	34-1	108575.39	107525.02	107752.55	107950.99	0.51	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.15	0.17	0.16	11.83	ppb
Thallium	205-1	0.14	0.15	0.17	0.15	7.86	ppb
Tin	118-1	0.30	0.27	0.18	0.25	26.68	ppb
Titanium	47-1	2033.11	2000.80	2040.77	2024.90	1.05	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSA13	Instrumnet Name :	P7
Client Sample ID :	ICSA13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:04:53	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	5.40	ppb
Vanadium	51-2	0.21	0.20	0.22	0.21	4.16	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	11.15	10.91	11.17	11.07	1.29	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	32.13	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	14.74	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSAB13	Instrumnet Name :	P7
Client Sample ID :	ICSAB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:07:54	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94345.24	95005.05	93400.03	94250.11	0.86	ppb
Antimony	121-1	20.55	20.52	20.78	20.62	0.69	ppb
Arsenic	75-2	20.41	20.44	19.91	20.25	1.48	ppb
Barium	135-1	20.77	20.08	20.56	20.47	1.72	ppb
Barium	137-1	20.85	20.52	20.79	20.72	0.86	ppb
Beryllium	9-1	20.63	20.84	21.14	20.87	1.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.12	29.12	29.90	29.71	1.76	ppb
Cadmium	106-1	20.80	19.16	19.35	19.77	4.53	ppb
Cadmium	111-1	19.96	19.52	19.79	19.76	1.13	ppb
Calcium	43-1	96056.73	95685.10	96776.50	96172.78	0.58	ppb
Calcium	44-1	96228.71	96303.50	96300.84	96277.68	0.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.05	39.36	39.73	39.71	0.87	ppb
Cobalt	59-2	20.91	21.03	20.79	20.91	0.56	ppb
Copper	63-2	27.96	28.36	27.84	28.05	0.96	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				105		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	102286.70	103229.36	101740.06	102418.71	0.74	ppb
Iron	57-2	99764.55	102452.44	100034.80	100750.60	1.47	ppb
Iron	54-2	102266.24	102431.79	101016.44	101904.82	0.76	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSAB13	Instrumnet Name :	P7
Client Sample ID :	ICSAB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:07:54	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.24	27.62	27.67	27.51	0.87	ppb
Lead	207-1	26.65	26.31	26.65	26.54	0.74	ppb
Lead	208-1	26.75	26.65	26.89	26.76	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	92285.58	93051.21	91222.21	92186.33	1.00	ppb
Manganese	55-2	27.61	27.82	27.98	27.80	0.68	ppb
Molybdenum	94-1	1592.00	1597.80	1601.11	1596.97	0.29	ppb
Molybdenum	95-1	1847.38	1868.06	1834.46	1849.97	0.92	ppb
Molybdenum	96-1	1819.94	1861.81	1801.20	1827.65	1.70	ppb
Molybdenum	97-1	1848.77	1867.95	1862.77	1859.83	0.53	ppb
Molybdenum	98-1	1828.14	1861.07	1842.95	1844.06	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.88	25.12	24.74	24.91	0.79	ppb
Phosphorus	31-2	96921.18	97520.56	96661.13	97034.29	0.45	ppb
Potassium	39-2	94410.67	96044.09	94803.77	95086.18	0.90	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	19.77	19.66	19.79	19.74	0.35	ppb
Selenium	77-2	21.18	17.51	22.41	20.37	12.52	ppb
Selenium	78-2	18.33	16.34	20.36	18.34	10.95	ppb
Silicon	28-1	3.98	3.78	3.79	3.85	3.00	ppb
Silver	107-1	19.01	18.98	19.33	19.11	1.01	ppb
Silver	109-1	19.06	18.77	18.90	18.91	0.75	ppb
Sodium	23-2	98970.17	98953.76	97956.21	98626.71	0.59	ppb
Strontium	86-1	74.13	76.28	74.44	74.95	1.55	ppb
Strontium	88-1	73.81	75.25	75.09	74.71	1.06	ppb
Sulfur	34-1	106133.86	104688.07	106045.32	105622.42	0.77	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	21.71	21.61	21.85	21.72	0.54	ppb
Thallium	205-1	21.70	21.57	21.87	21.71	0.71	ppb
Tin	118-1	42.27	41.85	42.56	42.22	0.85	ppb
Titanium	47-1	2044.32	2047.14	2046.88	2046.11	0.08	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSAB13	Instrumnet Name :	P7
Client Sample ID :	ICSAB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:07:54	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	39.56	39.33	39.94	39.61	0.78	ppb
Vanadium	51-2	19.53	19.80	19.40	19.57	1.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	32.33	32.16	32.09	32.20	0.38	ppb
Zirconium	90-1	42.32	42.51	42.72	42.52	0.47	ppb
Zirconium	91-1	42.58	43.10	42.49	42.72	0.77	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:10:56	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49372.61	49069.51	49543.20	49328.44	0.49	ppb
Antimony	121-1	486.92	491.53	503.89	494.11	1.78	ppb
Arsenic	75-2	511.55	503.57	510.67	508.60	0.86	ppb
Barium	135-1	2495.16	2531.18	2540.34	2522.23	0.95	ppb
Barium	137-1	2499.32	2471.79	2539.25	2503.45	1.35	ppb
Beryllium	9-1	503.85	509.29	501.22	504.79	0.82	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.56	507.26	508.34	505.72	0.72	ppb
Cadmium	106-1	504.01	508.80	510.52	507.78	0.66	ppb
Cadmium	111-1	507.89	506.64	512.88	509.14	0.65	ppb
Calcium	43-1	250212.20	250251.64	252438.29	250967.38	0.51	ppb
Calcium	44-1	247481.75	248793.16	248653.61	248309.51	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.97	488.45	484.76	487.39	0.47	ppb
Cobalt	59-2	509.21	504.90	512.42	508.84	0.74	ppb
Copper	63-2	4866.15	4888.33	4856.47	4870.32	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	130445.11	128348.94	129324.21	129372.75	0.81	ppb
Iron	57-2	127116.91	127606.21	127410.83	127377.98	0.19	ppb
Iron	54-2	130241.73	128580.07	129875.95	129565.92	0.67	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:10:56	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2476.65	2502.77	2550.82	2510.08	1.50	ppb
Lead	207-1	2460.33	2529.62	2547.48	2512.48	1.83	ppb
Lead	208-1	2474.40	2508.61	2548.91	2510.64	1.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	250915.26	247203.72	251921.31	250013.43	0.99	ppb
Manganese	55-2	4870.51	4836.38	4861.73	4856.20	0.36	ppb
Molybdenum	94-1	4948.45	4932.11	5019.94	4966.83	0.94	ppb
Molybdenum	95-1	4913.83	4882.94	4998.88	4931.88	1.22	ppb
Molybdenum	96-1	4947.71	4927.97	5040.92	4972.20	1.21	ppb
Molybdenum	97-1	4924.73	4920.52	4998.33	4947.86	0.88	ppb
Molybdenum	98-1	4905.80	4894.11	4972.17	4924.03	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.97	497.06	496.21	497.75	0.40	ppb
Phosphorus	31-2	9953.32	9915.28	9949.95	9939.52	0.21	ppb
Potassium	39-2	122590.93	122140.48	122495.61	122409.01	0.19	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	497.58	494.99	505.45	499.34	1.09	ppb
Selenium	77-2	500.46	499.13	515.11	504.90	1.76	ppb
Selenium	78-2	514.08	503.14	502.77	506.66	1.27	ppb
Silicon	28-1	539.33	539.58	545.94	541.62	0.69	ppb
Silver	107-1	510.33	509.16	521.39	513.63	1.31	ppb
Silver	109-1	510.36	516.62	517.92	514.97	0.78	ppb
Sodium	23-2	250668.58	249667.33	248233.59	249523.17	0.49	ppb
Strontium	86-1	12298.30	12133.78	12457.69	12296.59	1.32	ppb
Strontium	88-1	12220.20	12213.83	12540.82	12324.95	1.52	ppb
Sulfur	34-1	9524.35	9411.15	9383.36	9439.62	0.79	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	501.30	496.56	519.29	505.72	2.37	ppb
Thallium	205-1	499.69	496.15	509.04	501.63	1.33	ppb
Tin	118-1	491.50	495.38	506.06	497.65	1.51	ppb
Titanium	47-1	4933.24	4914.69	4930.14	4926.02	0.20	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:10:56	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	507.14	508.21	514.91	510.09	0.83	ppb
Vanadium	51-2	487.65	492.31	489.12	489.69	0.49	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	4846.21	4912.26	4926.64	4895.03	0.88	ppb
Zirconium	90-1	497.94	495.40	506.52	499.95	1.17	ppb
Zirconium	91-1	500.19	491.78	500.98	497.65	1.03	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:21:33	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	-0.21	-0.14	-0.13		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	19.18	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	115.87	ppb
Barium	135-1	0.01	0.00	0.00	0.00	184.01	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	190.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.00	0.00	27.06	ppb
Cadmium	106-1	-1.18	-1.49	-1.88	-1.52		ppb
Cadmium	111-1	-0.08	-0.10	-0.13	-0.11		ppb
Calcium	43-1	-0.92	-2.48	-5.08	-2.82		ppb
Calcium	44-1	0.88	0.68	0.62	0.73	18.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.02	0.01	111.79	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.00	-0.01	0.01	203.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	0.36	0.43	0.38	0.39	9.78	ppb
Iron	57-2	-2.23	-1.34	0.44	-1.05		ppb
Iron	54-2	0.38	0.16	0.54	0.36	51.98	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:21:33	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.06	0.05	10.02	ppb
Lead	207-1	0.04	0.06	0.05	0.05	12.56	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.78	0.72	0.82	0.77	7.05	ppb
Manganese	55-2	0.01	0.02	0.03	0.02	45.33	ppb
Molybdenum	94-1	0.04	0.03	0.05	0.04	21.39	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	18.16	ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	37.38	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	39.32	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	18.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.02	0.04	0.04	59.81	ppb
Phosphorus	31-2	-17.51	-18.36	-14.33	-16.73		ppb
Potassium	39-2	-2.32	0.07	-3.08	-1.77		ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	0.13	-0.06	0.38	0.15	144.22	ppb
Selenium	77-2	0.00	0.00	0.28	0.09	173.21	ppb
Selenium	78-2	-0.16	0.17	0.39	0.14	203.82	ppb
Silicon	28-1	-1.81	-1.89	-1.97	-1.89		ppb
Silver	107-1	0.00	0.01	0.01	0.00	18.33	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.58	ppb
Sodium	23-2	26.47	26.66	25.39	26.17	2.62	ppb
Strontium	86-1	-0.01	0.03	0.01	0.01	146.47	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	35.81	ppb
Sulfur	34-1	-1135.76	-1148.01	-1273.08	-1185.62		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.02	0.03	0.03	26.81	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.61	ppb
Tin	118-1	-0.01	0.00	0.11	0.03	201.51	ppb
Titanium	47-1	0.01	0.00	0.00	0.00	253.23	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:21:33	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	-0.06	-0.19	-0.21	-0.15		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	32.36	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	126.39	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:24:49	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.86	18.97	19.72	19.52	2.47	ppb
Antimony	121-1	2.01	2.00	1.98	2.00	0.75	ppb
Arsenic	75-2	0.95	1.04	0.95	0.98	5.35	ppb
Barium	135-1	9.57	9.94	9.59	9.70	2.14	ppb
Barium	137-1	9.77	9.82	9.67	9.75	0.74	ppb
Beryllium	9-1	1.10	0.98	1.18	1.09	9.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.90	0.91	1.06	0.96	9.44	ppb
Cadmium	106-1	1.60	-0.19	-0.50	0.30	372.61	ppb
Cadmium	111-1	1.19	0.93	0.96	1.03	13.77	ppb
Calcium	43-1	505.17	524.68	528.52	519.46	2.41	ppb
Calcium	44-1	521.15	521.13	515.65	519.31	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	2.02	1.91	1.98	3.29	ppb
Cobalt	59-2	1.01	1.07	1.12	1.07	5.28	ppb
Copper	63-2	1.99	2.02	2.09	2.04	2.66	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				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	56.00	56.39	57.16	56.52	1.05	ppb
Iron	57-2	57.36	54.35	56.69	56.13	2.81	ppb
Iron	54-2	57.27	58.89	60.10	58.76	2.42	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:24:49	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.91	0.88	0.90	1.61	ppb
Lead	207-1	0.96	0.93	0.91	0.93	2.39	ppb
Lead	208-1	0.92	0.92	0.91	0.92	0.88	ppb
Lithium	6-1				99		%
Magnesium	24-2	511.09	514.87	519.11	515.02	0.78	ppb
Manganese	55-2	1.01	1.03	1.06	1.03	2.30	ppb
Molybdenum	94-1	5.45	5.55	5.44	5.48	1.11	ppb
Molybdenum	95-1	4.66	4.62	4.74	4.67	1.35	ppb
Molybdenum	96-1	4.83	4.79	4.77	4.80	0.66	ppb
Molybdenum	97-1	4.79	4.75	4.83	4.79	0.88	ppb
Molybdenum	98-1	4.56	4.68	4.79	4.67	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.09	1.14	1.10	3.11	ppb
Phosphorus	31-2	14.77	13.75	17.63	15.39	13.08	ppb
Potassium	39-2	512.52	514.98	518.02	515.17	0.53	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	4.87	5.86	5.29	5.34	9.30	ppb
Selenium	77-2	3.42	3.40	7.69	4.84	51.09	ppb
Selenium	78-2	5.32	5.35	5.57	5.41	2.49	ppb
Silicon	28-1	-1.63	-1.69	-2.10	-1.81		ppb
Silver	107-1	1.03	1.02	1.03	1.02	0.52	ppb
Silver	109-1	1.04	1.05	1.01	1.03	2.28	ppb
Sodium	23-2	524.33	536.57	535.01	531.97	1.25	ppb
Strontium	86-1	0.97	1.05	1.04	1.02	4.17	ppb
Strontium	88-1	0.95	0.97	0.97	0.96	1.23	ppb
Sulfur	34-1	-1094.67	-1044.87	-1074.09	-1071.21		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.89	0.89	0.91	3.88	ppb
Thallium	205-1	0.91	0.89	0.92	0.90	1.84	ppb
Tin	118-1	5.14	5.05	5.12	5.10	0.91	ppb
Titanium	47-1	5.04	5.26	5.12	5.14	2.11	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:24:49	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.82	0.82	0.83	1.22	ppb
Vanadium	51-2	5.00	5.00	5.11	5.04	1.31	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	4.87	5.28	4.97	5.04	4.18	ppb
Zirconium	90-1	0.96	0.94	0.95	0.95	1.15	ppb
Zirconium	91-1	0.96	0.98	0.92	0.95	3.19	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BL	Instrumnet Name :	P7
Client Sample ID :	PB157573BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:28:04	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	-0.12	-0.06	-0.13		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	53.24	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	2.73	ppb
Barium	135-1	0.06	0.00	0.00	0.02	156.70	ppb
Barium	137-1	0.01	0.00	0.00	0.00	468.14	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.00	0.00	-0.01		ppb
Cadmium	106-1	-0.59	-0.59	-1.15	-0.78		ppb
Cadmium	111-1	-0.04	-0.04	-0.08	-0.05		ppb
Calcium	43-1	25.44	-2.77	-4.26	6.14	272.61	ppb
Calcium	44-1	21.31	-2.17	-2.04	5.70	237.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.03	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.08	-0.07	-0.12	-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				109		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	-0.01	0.11	0.18	0.09	104.30	ppb
Iron	57-2	-1.01	-1.18	-0.69	-0.96		ppb
Iron	54-2	0.16	0.03	0.08	0.09	73.61	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BL	Instrumnet Name :	P7
Client Sample ID :	PB157573BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:28:04	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.02	0.03	14.47	ppb
Lead	207-1	0.04	0.01	0.02	0.02	49.88	ppb
Lead	208-1	0.03	0.02	0.02	0.02	17.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.24	0.15	0.20	0.19	23.87	ppb
Manganese	55-2	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.02	0.02	0.00	0.01	86.57	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.01	70.02	ppb
Molybdenum	96-1	0.05	0.02	0.01	0.03	76.27	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	67.80	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	63.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.02	0.03	38.42	ppb
Phosphorus	31-2	-15.09	-17.55	-16.11	-16.25		ppb
Potassium	39-2	-4.49	-6.22	-7.67	-6.12		ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	-0.11	0.19	0.16	0.08	198.69	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	0.21	-0.75	-0.03		ppb
Silicon	28-1	-1.71	-2.59	-2.72	-2.34		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.86	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.37	ppb
Sodium	23-2	14.98	14.86	13.84	14.56	4.30	ppb
Strontium	86-1	0.06	-0.01	-0.01	0.02	241.55	ppb
Strontium	88-1	0.11	0.00	0.00	0.04	168.41	ppb
Sulfur	34-1	-1140.73	-1148.19	-1167.17	-1152.03		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.02	0.02	14.30	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.86	ppb
Tin	118-1	-0.02	-0.04	0.00	-0.02		ppb
Titanium	47-1	0.26	0.01	0.01	0.10	150.50	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BL	Instrumnet Name :	P7
Client Sample ID :	PB157573BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:28:04	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	0.01	-0.02	-0.14	-0.05		ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	131.55	ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	76.10	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BS	Instrumnet Name :	P7
Client Sample ID :	PB157573BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:31:20	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.47	37.21	36.40	36.70	1.22	ppb
Antimony	121-1	3.57	3.59	3.58	3.58	0.31	ppb
Arsenic	75-2	1.87	1.73	1.97	1.86	6.55	ppb
Barium	135-1	17.28	17.34	17.46	17.36	0.54	ppb
Barium	137-1	17.59	17.60	17.20	17.46	1.30	ppb
Beryllium	9-1	1.85	1.97	1.99	1.94	3.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.11	1.68	1.97	1.92	11.60	ppb
Cadmium	106-1	1.55	0.65	0.20	0.80	86.42	ppb
Cadmium	111-1	1.89	1.84	1.83	1.85	1.82	ppb
Calcium	43-1	854.21	868.88	874.77	865.96	1.22	ppb
Calcium	44-1	892.36	878.54	889.12	886.68	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.73	3.66	3.60	3.66	1.77	ppb
Cobalt	59-2	1.88	1.86	1.84	1.86	1.00	ppb
Copper	63-2	4.09	3.83	3.75	3.89	4.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	405.03	404.26	402.15	403.81	0.37	ppb
Iron	57-2	401.92	403.19	400.35	401.82	0.35	ppb
Iron	54-2	409.26	407.21	412.76	409.74	0.68	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BS	Instrumnet Name :	P7
Client Sample ID :	PB157573BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:31:20	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.62	1.66	1.69	1.66	2.03	ppb
Lead	207-1	1.65	1.64	1.65	1.65	0.41	ppb
Lead	208-1	1.64	1.67	1.66	1.65	1.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	920.40	922.87	925.13	922.80	0.26	ppb
Manganese	55-2	1.86	1.85	1.89	1.87	1.00	ppb
Molybdenum	94-1	10.01	10.14	9.86	10.01	1.39	ppb
Molybdenum	95-1	8.25	8.61	8.58	8.48	2.32	ppb
Molybdenum	96-1	8.53	8.83	8.68	8.68	1.75	ppb
Molybdenum	97-1	8.31	8.60	8.52	8.48	1.76	ppb
Molybdenum	98-1	8.24	8.47	8.49	8.40	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	2.04	1.82	1.92	5.96	ppb
Phosphorus	31-2	-14.94	-17.09	-14.48	-15.50		ppb
Potassium	39-2	932.65	928.00	930.47	930.38	0.25	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	8.79	9.65	9.55	9.33	5.02	ppb
Selenium	77-2	12.19	11.11	7.79	10.36	22.13	ppb
Selenium	78-2	6.73	10.49	8.51	8.58	21.92	ppb
Silicon	28-1	-0.49	-0.61	-1.02	-0.70		ppb
Silver	107-1	1.88	1.93	1.92	1.91	1.24	ppb
Silver	109-1	1.87	1.90	1.85	1.88	1.39	ppb
Sodium	23-2	930.56	920.74	925.72	925.67	0.53	ppb
Strontium	86-1	1.68	1.72	1.79	1.73	3.04	ppb
Strontium	88-1	1.70	1.73	1.69	1.71	1.28	ppb
Sulfur	34-1	-838.83	-940.46	-860.03	-879.77		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.55	1.62	1.60	1.59	2.26	ppb
Thallium	205-1	1.62	1.65	1.62	1.63	1.04	ppb
Tin	118-1	-0.03	-0.03	-0.05	-0.04		ppb
Titanium	47-1	9.14	9.13	9.19	9.15	0.32	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BS	Instrumnet Name :	P7
Client Sample ID :	PB157573BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:31:20	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.52	1.45	1.49	2.51	ppb
Vanadium	51-2	9.04	9.01	8.96	9.00	0.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	9.44	9.12	9.26	9.27	1.72	ppb
Zirconium	90-1	1.71	1.73	1.75	1.73	1.20	ppb
Zirconium	91-1	1.72	1.79	1.74	1.75	2.08	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BL	Instrumnet Name :	P7
Client Sample ID :	PB157574BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:34:35	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.10	-0.15	-0.06		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	59.43	ppb
Arsenic	75-2	0.01	0.01	0.00	0.00	189.65	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	180.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	0.09	0.02	248.21	ppb
Cadmium	106-1	-0.02	0.31	-0.73	-0.14		ppb
Cadmium	111-1	0.00	0.02	-0.06	-0.01		ppb
Calcium	43-1	-3.41	-1.66	-5.21	-3.43		ppb
Calcium	44-1	-0.10	-1.87	-1.53	-1.17		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.02	0.01	89.69	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.14	-0.10	-0.14	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	0.02	0.00	-0.06	-0.01		ppb
Iron	57-2	-0.26	-2.00	-1.31	-1.19		ppb
Iron	54-2	0.66	0.14	0.76	0.52	64.77	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BL	Instrumnet Name :	P7
Client Sample ID :	PB157574BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:34:35	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.02	0.01	53.93	ppb
Lead	207-1	0.01	0.02	0.01	0.01	22.80	ppb
Lead	208-1	0.02	0.01	0.01	0.01	34.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.11	0.37	0.17	0.22	63.93	ppb
Manganese	55-2	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.00	0.01	0.01	0.01	117.53	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	125.93	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	76.85	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	20.36	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	57.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.03	0.02	80.44	ppb
Phosphorus	31-2	-16.15	-18.06	-18.36	-17.52		ppb
Potassium	39-2	-5.43	-5.57	-5.81	-5.60		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-0.11	-0.33	-0.14	-0.19		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.11	-0.68	0.28	0.24	375.61	ppb
Silicon	28-1	-2.12	-2.47	-2.20	-2.26		ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.85	ppb
Sodium	23-2	10.99	10.53	10.55	10.69	2.44	ppb
Strontium	86-1	0.01	-0.01	0.01	0.00	355.15	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	53.53	ppb
Sulfur	34-1	-852.06	-844.48	-676.14	-790.89		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	0.01	0.01	64.10	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.89	ppb
Tin	118-1	-0.03	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.00	0.01	0.02	0.01	111.96	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BL	Instrumnet Name :	P7
Client Sample ID :	PB157574BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:34:35	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	-0.15	-0.19	-0.19	-0.17		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	39.35	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	143.81	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BS	Instrumnet Name :	P7
Client Sample ID :	PB157574BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:37:52	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.91	43.39	44.65	44.31	1.83	ppb
Antimony	121-1	3.69	3.70	3.67	3.68	0.46	ppb
Arsenic	75-2	2.03	1.78	2.01	1.94	6.98	ppb
Barium	135-1	17.56	18.17	17.99	17.91	1.75	ppb
Barium	137-1	17.72	18.37	18.17	18.09	1.84	ppb
Beryllium	9-1	1.98	2.07	2.03	2.03	2.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.48	1.98	1.90	2.12	14.69	ppb
Cadmium	106-1	1.83	1.75	1.49	1.69	10.44	ppb
Cadmium	111-1	1.88	1.95	1.96	1.93	2.28	ppb
Calcium	43-1	918.98	905.11	882.51	902.20	2.04	ppb
Calcium	44-1	913.87	929.96	903.81	915.88	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.83	3.79	3.61	3.75	3.09	ppb
Cobalt	59-2	1.87	1.89	1.96	1.91	2.57	ppb
Copper	63-2	4.09	4.02	4.06	4.05	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	410.92	411.02	411.63	411.19	0.09	ppb
Iron	57-2	408.20	406.56	407.00	407.25	0.21	ppb
Iron	54-2	410.70	418.90	418.95	416.18	1.14	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BS	Instrumnet Name :	P7
Client Sample ID :	PB157574BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:37:52	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.63	1.68	1.67	1.66	1.38	ppb
Lead	207-1	1.67	1.73	1.64	1.68	2.72	ppb
Lead	208-1	1.64	1.69	1.64	1.66	1.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	941.09	937.56	931.92	936.86	0.49	ppb
Manganese	55-2	1.91	1.96	1.94	1.94	1.30	ppb
Molybdenum	94-1	10.24	10.50	10.43	10.39	1.30	ppb
Molybdenum	95-1	8.58	9.07	8.62	8.76	3.11	ppb
Molybdenum	96-1	8.77	9.46	8.99	9.07	3.88	ppb
Molybdenum	97-1	8.70	8.99	8.92	8.87	1.73	ppb
Molybdenum	98-1	8.72	9.04	8.62	8.79	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.87	2.04	2.00	1.97	4.43	ppb
Phosphorus	31-2	-16.70	-16.40	-14.15	-15.75		ppb
Potassium	39-2	949.58	952.06	951.54	951.06	0.14	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	9.16	9.56	9.81	9.51	3.42	ppb
Selenium	77-2	10.49	7.98	8.33	8.94	15.21	ppb
Selenium	78-2	10.98	8.72	8.25	9.32	15.67	ppb
Silicon	28-1	0.38	0.32	-0.63	0.02	2431.84	ppb
Silver	107-1	1.92	2.00	2.00	1.97	2.45	ppb
Silver	109-1	1.93	1.97	2.05	1.99	3.14	ppb
Sodium	23-2	934.56	942.83	930.27	935.89	0.68	ppb
Strontium	86-1	1.67	1.85	1.77	1.76	5.25	ppb
Strontium	88-1	1.75	1.80	1.78	1.77	1.38	ppb
Sulfur	34-1	-540.83	-468.56	-863.17	-624.19		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	1.60	1.67	1.63	1.63	2.19	ppb
Thallium	205-1	1.63	1.64	1.64	1.64	0.26	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	9.38	10.05	9.34	9.59	4.15	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BS	Instrumnet Name :	P7
Client Sample ID :	PB157574BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:37:52	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.52	1.54	1.52	1.53	0.52	ppb
Vanadium	51-2	9.14	9.14	9.07	9.12	0.47	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	11.76	11.71	11.34	11.61	1.97	ppb
Zirconium	90-1	1.75	1.77	1.76	1.76	0.61	ppb
Zirconium	91-1	1.73	1.71	1.79	1.74	2.18	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07	Instrumnet Name :	P7
Client Sample ID :	XA048	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:44:08	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3231.26	3224.77	3215.00	3223.68	0.25	ppb
Antimony	121-1	360.14	358.09	364.94	361.06	0.97	ppb
Arsenic	75-2	500.71	504.65	495.76	500.37	0.89	ppb
Barium	135-1	655.55	665.23	668.54	663.11	1.02	ppb
Barium	137-1	675.15	677.21	692.26	681.54	1.37	ppb
Beryllium	9-1	372.91	393.23	374.04	380.06	3.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	241.95	245.25	247.40	244.87	1.12	ppb
Cadmium	106-1	234.73	232.61	239.21	235.52	1.43	ppb
Cadmium	111-1	272.59	278.44	281.46	277.50	1.63	ppb
Calcium	43-1	206.77	222.50	218.42	215.89	3.78	ppb
Calcium	44-1	114.72	113.77	115.95	114.81	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	622.94	625.76	629.57	626.09	0.53	ppb
Cobalt	59-2	847.65	852.88	857.10	852.54	0.56	ppb
Copper	63-2	344.79	343.46	342.65	343.63	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	3292.60	3249.38	3289.36	3277.11	0.73	ppb
Iron	57-2	3421.55	3398.31	3388.95	3402.94	0.49	ppb
Iron	54-2	3901.38	3892.19	3949.48	3914.35	0.79	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07	Instrumnet Name :	P7
Client Sample ID :	XA048	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:44:08	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	217.52	222.97	221.13	220.54	1.26	ppb
Lead	207-1	205.36	211.16	210.72	209.08	1.54	ppb
Lead	208-1	216.73	223.32	220.82	220.29	1.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.65	1.28	1.38	1.44	13.27	ppb
Manganese	55-2	386.42	383.70	385.71	385.28	0.36	ppb
Molybdenum	94-1	181.26	185.19	185.58	184.01	1.30	ppb
Molybdenum	95-1	219.29	224.64	224.25	222.73	1.34	ppb
Molybdenum	96-1	214.05	220.03	220.95	218.34	1.72	ppb
Molybdenum	97-1	221.30	226.69	226.30	224.76	1.34	ppb
Molybdenum	98-1	220.42	220.74	219.50	220.22	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1908.81	1882.59	1873.20	1888.20	0.98	ppb
Phosphorus	31-2	-16.71	-18.29	-18.78	-17.93		ppb
Potassium	39-2	3.53	3.50	1.70	2.91	36.10	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	161.78	164.49	165.53	163.93	1.18	ppb
Selenium	77-2	174.77	181.34	154.92	170.34	8.08	ppb
Selenium	78-2	166.40	162.75	171.36	166.83	2.59	ppb
Silicon	28-1	11.94	12.71	12.23	12.29	3.16	ppb
Silver	107-1	884.43	887.10	911.95	894.49	1.70	ppb
Silver	109-1	874.93	882.82	900.69	886.15	1.49	ppb
Sodium	23-2	45.27	45.69	45.59	45.52	0.48	ppb
Strontium	86-1	405.15	415.95	416.19	412.43	1.53	ppb
Strontium	88-1	401.69	414.03	414.24	409.99	1.75	ppb
Sulfur	34-1	-1657.97	-1742.65	-1671.16	-1690.59		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	393.12	407.58	394.86	398.52	1.98	ppb
Thallium	205-1	390.81	400.32	393.07	394.73	1.26	ppb
Tin	118-1	0.02	0.03	0.05	0.03	41.93	ppb
Titanium	47-1	0.29	0.25	0.24	0.26	10.16	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07	Instrumnet Name :	P7
Client Sample ID :	XA048	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:44:08	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	826.03	816.45	826.86	823.11	0.70	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	1591.40	1601.81	1598.75	1597.32	0.33	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	2.83	ppb
Zirconium	91-1	0.24	0.26	0.23	0.25	6.99	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07DLX2	Instrumnet Name :	P7
Client Sample ID :	XA048DL	Dilution Factor :	2
Date & Time Acquired :	2023-12-06 15:47:07	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1655.72	1655.14	1665.88	1658.91	0.36	ppb
Antimony	121-1	180.06	179.97	179.45	179.83	0.18	ppb
Arsenic	75-2	259.36	252.60	252.40	254.79	1.56	ppb
Barium	135-1	333.74	331.28	334.85	333.29	0.55	ppb
Barium	137-1	334.86	332.48	334.53	333.96	0.39	ppb
Beryllium	9-1	187.64	192.37	196.31	192.10	2.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	120.70	119.51	125.31	121.84	2.52	ppb
Cadmium	106-1	119.08	118.40	118.66	118.71	0.29	ppb
Cadmium	111-1	138.64	139.24	139.89	139.26	0.45	ppb
Calcium	43-1	106.86	110.22	116.01	111.03	4.17	ppb
Calcium	44-1	57.15	60.07	59.31	58.84	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	321.42	320.81	321.64	321.29	0.13	ppb
Cobalt	59-2	435.86	439.59	438.38	437.94	0.44	ppb
Copper	63-2	176.96	178.34	176.26	177.19	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	1667.46	1690.46	1674.74	1677.55	0.70	ppb
Iron	57-2	1730.60	1734.25	1731.44	1732.10	0.11	ppb
Iron	54-2	1998.87	2012.59	1998.63	2003.36	0.40	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07DLX2	Instrumnet Name :	P7
Client Sample ID :	XA048DL	Dilution Factor :	2
Date & Time Acquired :	2023-12-06 15:47:07	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	111.10	111.71	114.02	112.28	1.37	ppb
Lead	207-1	105.90	106.82	107.23	106.65	0.64	ppb
Lead	208-1	112.58	112.50	114.00	113.03	0.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.99	1.02	0.92	0.98	5.50	ppb
Manganese	55-2	197.50	196.54	197.04	197.02	0.24	ppb
Molybdenum	94-1	93.39	93.99	95.12	94.17	0.93	ppb
Molybdenum	95-1	113.17	114.28	114.63	114.03	0.67	ppb
Molybdenum	96-1	111.72	112.23	114.18	112.71	1.15	ppb
Molybdenum	97-1	113.01	114.60	115.58	114.39	1.13	ppb
Molybdenum	98-1	112.72	113.81	115.27	113.94	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	964.40	964.52	961.39	963.43	0.18	ppb
Phosphorus	31-2	-19.26	-17.25	-11.71	-16.07		ppb
Potassium	39-2	-2.20	-1.17	1.56	-0.60		ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	84.03	83.01	85.95	84.33	1.77	ppb
Selenium	77-2	86.60	83.61	84.59	84.93	1.80	ppb
Selenium	78-2	91.94	78.86	83.69	84.83	7.79	ppb
Silicon	28-1	4.99	5.64	5.05	5.22	6.85	ppb
Silver	107-1	453.00	443.32	444.92	447.08	1.16	ppb
Silver	109-1	450.33	440.87	449.85	447.02	1.19	ppb
Sodium	23-2	27.70	28.36	28.25	28.10	1.26	ppb
Strontium	86-1	210.33	210.64	212.50	211.16	0.56	ppb
Strontium	88-1	207.10	208.08	210.11	208.43	0.74	ppb
Sulfur	34-1	-2068.99	-2117.14	-2105.45	-2097.19		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	199.74	205.65	204.31	203.23	1.52	ppb
Thallium	205-1	196.77	203.79	205.20	201.92	2.24	ppb
Tin	118-1	0.01	0.00	0.02	0.01	131.37	ppb
Titanium	47-1	0.06	0.10	0.15	0.10	45.98	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07DLX2	Instrumnet Name :	P7
Client Sample ID :	XA048DL	Dilution Factor :	2
Date & Time Acquired :	2023-12-06 15:47:07	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	423.80	424.97	427.94	425.57	0.50	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	825.32	824.22	824.01	824.52	0.09	ppb
Zirconium	90-1	0.04	0.06	0.06	0.05	15.74	ppb
Zirconium	91-1	0.10	0.12	0.12	0.11	11.98	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-03	Instrumnet Name :	P7
Client Sample ID :	XA044	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:56:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14942.92	14703.63	14557.24	14734.60	1.32	ppb
Antimony	121-1	447.39	412.90	427.37	429.22	4.04	ppb
Arsenic	75-2	416.89	412.29	413.29	414.16	0.58	ppb
Barium	135-1	988.48	901.70	943.00	944.39	4.60	ppb
Barium	137-1	984.85	910.29	944.54	946.56	3.94	ppb
Beryllium	9-1	361.87	339.17	347.49	349.51	3.29	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	357.30	339.42	343.54	346.76	2.70	ppb
Cadmium	106-1	356.22	326.69	336.37	339.76	4.43	ppb
Cadmium	111-1	417.14	379.62	393.36	396.71	4.79	ppb
Calcium	43-1	15743.84	14648.05	15119.59	15170.50	3.62	ppb
Calcium	44-1	15067.02	13620.26	14114.91	14267.40	5.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	433.63	428.40	426.02	429.35	0.91	ppb
Cobalt	59-2	448.15	447.86	434.52	443.51	1.76	ppb
Copper	63-2	701.57	692.92	691.03	695.17	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	19863.51	20182.71	19921.27	19989.16	0.85	ppb
Iron	57-2	20809.35	20827.97	20371.92	20669.75	1.25	ppb
Iron	54-2	20411.11	20565.28	19980.07	20318.82	1.49	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-03	Instrumnet Name :	P7
Client Sample ID :	XA044	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:56:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	652.81	611.96	618.53	627.77	3.49	ppb
Lead	207-1	620.73	576.13	592.67	596.51	3.78	ppb
Lead	208-1	631.54	587.53	597.45	605.50	3.81	ppb
Lithium	6-1				109		%
Magnesium	24-2	4796.79	4832.54	4774.76	4801.36	0.61	ppb
Manganese	55-2	1202.13	1212.15	1180.65	1198.31	1.34	ppb
Molybdenum	94-1	289.46	268.24	273.67	277.12	3.98	ppb
Molybdenum	95-1	326.47	302.04	313.22	313.91	3.90	ppb
Molybdenum	96-1	326.20	297.43	306.78	310.14	4.73	ppb
Molybdenum	97-1	330.67	306.32	313.07	316.69	3.97	ppb
Molybdenum	98-1	323.39	295.79	307.15	308.78	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.71	514.53	509.15	514.46	1.03	ppb
Phosphorus	31-2	660.65	656.90	658.84	658.80	0.28	ppb
Potassium	39-2	3405.51	3469.39	3379.48	3418.13	1.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	516.85	474.01	484.31	491.72	4.55	ppb
Selenium	77-2	482.35	503.72	491.30	492.45	2.18	ppb
Selenium	78-2	464.70	487.53	491.89	481.37	3.03	ppb
Silicon	28-1	705.95	661.47	678.26	681.89	3.29	ppb
Silver	107-1	269.17	245.03	252.61	255.60	4.83	ppb
Silver	109-1	264.74	246.98	254.62	255.45	3.49	ppb
Sodium	23-2	1358.92	1364.58	1331.32	1351.61	1.32	ppb
Strontium	86-1	276.93	255.33	259.56	263.94	4.34	ppb
Strontium	88-1	273.26	253.75	256.26	261.09	4.06	ppb
Sulfur	34-1	-2670.04	-3061.45	-2971.66	-2901.05		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	298.98	280.19	285.02	288.07	3.39	ppb
Thallium	205-1	301.98	279.77	286.47	289.41	3.94	ppb
Tin	118-1	347.11	320.14	332.82	333.36	4.05	ppb
Titanium	47-1	910.36	840.96	867.53	872.95	4.01	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-03	Instrumnet Name :	P7
Client Sample ID :	XA044	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:56:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	154.16	143.57	147.01	148.25	3.64	ppb
Vanadium	51-2	464.68	464.04	446.69	458.47	2.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	593.94	594.68	583.09	590.57	1.10	ppb
Zirconium	90-1	10.82	9.91	10.20	10.31	4.48	ppb
Zirconium	91-1	10.90	9.93	10.16	10.33	4.88	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:58:58	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49139.28	49495.09	49322.42	49318.93	0.36	ppb
Antimony	121-1	491.45	487.88	477.37	485.57	1.51	ppb
Arsenic	75-2	510.45	516.45	512.48	513.13	0.60	ppb
Barium	135-1	2526.28	2461.26	2434.64	2474.06	1.91	ppb
Barium	137-1	2519.29	2476.13	2437.72	2477.71	1.65	ppb
Beryllium	9-1	494.88	497.71	500.96	497.85	0.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	507.32	502.71	489.91	499.98	1.80	ppb
Cadmium	106-1	499.13	494.41	490.23	494.59	0.90	ppb
Cadmium	111-1	507.24	498.87	487.69	497.93	1.97	ppb
Calcium	43-1	247841.97	250894.73	249114.95	249283.88	0.62	ppb
Calcium	44-1	248812.01	249371.70	243947.37	247377.02	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.06	489.40	484.05	489.83	1.23	ppb
Cobalt	59-2	510.47	510.01	507.35	509.28	0.33	ppb
Copper	63-2	4856.04	4938.54	4851.21	4881.93	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				102		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	128793.91	130073.61	129513.70	129460.41	0.50	ppb
Iron	57-2	127507.17	129619.77	126597.09	127908.01	1.21	ppb
Iron	54-2	129488.53	130376.04	129667.48	129844.02	0.36	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:58:58	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2521.26	2558.32	2456.37	2511.98	2.05	ppb
Lead	207-1	2493.65	2544.12	2475.63	2504.46	1.42	ppb
Lead	208-1	2496.11	2537.73	2471.70	2501.85	1.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	250686.36	253880.22	251021.74	251862.78	0.70	ppb
Manganese	55-2	4867.83	4898.34	4877.84	4881.34	0.32	ppb
Molybdenum	94-1	4954.84	4984.03	4914.90	4951.26	0.70	ppb
Molybdenum	95-1	4965.51	4968.40	4937.32	4957.08	0.35	ppb
Molybdenum	96-1	5012.09	4977.82	4944.53	4978.15	0.68	ppb
Molybdenum	97-1	4966.32	4959.44	4905.71	4943.82	0.67	ppb
Molybdenum	98-1	4959.41	4953.44	4886.27	4933.04	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.80	502.12	501.17	500.70	0.34	ppb
Phosphorus	31-2	9896.24	9931.83	10008.39	9945.49	0.58	ppb
Potassium	39-2	122727.70	123123.53	123005.23	122952.15	0.17	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	497.16	497.66	488.83	494.55	1.00	ppb
Selenium	77-2	506.12	509.37	508.83	508.11	0.34	ppb
Selenium	78-2	510.36	503.27	503.38	505.67	0.80	ppb
Silicon	28-1	529.15	543.02	532.77	534.98	1.34	ppb
Silver	107-1	515.80	506.62	494.87	505.76	2.07	ppb
Silver	109-1	514.83	504.24	496.66	505.24	1.81	ppb
Sodium	23-2	247941.63	250012.94	248174.50	248709.69	0.46	ppb
Strontium	86-1	12141.02	12220.10	12015.81	12125.64	0.85	ppb
Strontium	88-1	12185.75	12302.85	12104.53	12197.71	0.82	ppb
Sulfur	34-1	9678.70	9326.13	8976.38	9327.07	3.76	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	506.86	506.55	490.41	501.27	1.88	ppb
Thallium	205-1	502.15	514.11	493.35	503.20	2.07	ppb
Tin	118-1	500.86	490.72	482.06	491.21	1.92	ppb
Titanium	47-1	4937.81	4934.56	4863.42	4911.93	0.86	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:58:58	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	510.16	516.77	499.18	508.71	1.75	ppb
Vanadium	51-2	485.41	500.06	497.99	494.49	1.60	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	4818.94	5005.00	4868.70	4897.55	1.97	ppb
Zirconium	90-1	498.90	494.15	490.59	494.55	0.84	ppb
Zirconium	91-1	500.69	493.52	501.33	498.51	0.87	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:07:25	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.37	0.40	0.31	42.26	ppb
Antimony	121-1	0.12	0.11	0.11	0.11	3.00	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	57.62	ppb
Barium	135-1	0.00	0.00	0.01	0.00	733.72	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.05	0.07	0.05	0.06	21.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.02	-0.04	0.02	293.54	ppb
Cadmium	106-1	-3.53	-4.17	-4.23	-3.98		ppb
Cadmium	111-1	-0.25	-0.30	-0.30	-0.28		ppb
Calcium	43-1	-3.41	-3.96	-4.38	-3.91		ppb
Calcium	44-1	-4.66	-3.87	-3.01	-3.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.07	-0.08	-0.12	-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				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.70	0.82	1.06	0.86	21.42	ppb
Iron	57-2	-2.53	-0.70	0.65	-0.86		ppb
Iron	54-2	0.85	0.27	1.43	0.85	68.30	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:07:25	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.07	0.06	0.07	11.02	ppb
Lead	207-1	0.06	0.07	0.07	0.06	10.58	ppb
Lead	208-1	0.07	0.07	0.07	0.07	3.43	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.34	1.53	2.19	1.69	26.45	ppb
Manganese	55-2	0.07	0.04	0.06	0.06	33.48	ppb
Molybdenum	94-1	0.06	0.06	0.08	0.07	14.14	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	7.64	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	21.61	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	9.33	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.01	0.02	0.01	178.94	ppb
Phosphorus	31-2	-14.72	-10.15	-18.64	-14.50		ppb
Potassium	39-2	-3.49	-7.75	-1.12	-4.12		ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.33	-0.03	0.19	0.16	110.94	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	1.41	-0.78	0.10	1175.66	ppb
Silicon	28-1	-2.57	-2.26	-2.48	-2.44		ppb
Silver	107-1	0.02	0.02	0.01	0.02	20.54	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.15	ppb
Sodium	23-2	16.67	15.85	16.76	16.43	3.06	ppb
Strontium	86-1	0.01	0.02	0.04	0.02	55.22	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	29.78	ppb
Sulfur	34-1	-1740.02	-1593.62	-1531.27	-1621.64		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.04	0.04	12.92	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.74	ppb
Tin	118-1	0.00	0.00	0.00	0.00	132.97	ppb
Titanium	47-1	0.02	0.00	0.01	0.01	105.81	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:07:25	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	128.90	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	203.08	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.07	0.10	0.11	0.05	212.30	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	17.90	ppb
Zirconium	91-1	0.04	0.01	0.03	0.03	57.06	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BL	Instrumnet Name :	P7
Client Sample ID :	PB156670BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:10:39	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.68	0.26	0.46	45.83	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	10.07	ppb
Arsenic	75-2	0.01	0.00	0.02	0.01	151.59	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	371.93	ppb
Beryllium	9-1	0.06	0.07	0.05	0.06	14.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.06	-0.02	-0.03		ppb
Cadmium	106-1	-1.77	-1.04	-2.02	-1.61		ppb
Cadmium	111-1	-0.12	-0.07	-0.14	-0.11		ppb
Calcium	43-1	-7.66	-3.34	-4.51	-5.17		ppb
Calcium	44-1	-3.80	-4.35	-5.23	-4.46		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.00	0.00	859.17	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.12	-0.13	-0.12	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	0.05	0.09	0.11	0.08	41.74	ppb
Iron	57-2	-1.84	-1.31	-0.72	-1.29		ppb
Iron	54-2	0.11	1.00	0.46	0.52	85.89	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BL	Instrumnet Name :	P7
Client Sample ID :	PB156670BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:10:39	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.08	0.07	19.28	ppb
Lead	207-1	0.05	0.06	0.06	0.06	5.33	ppb
Lead	208-1	0.06	0.06	0.07	0.06	2.99	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.32	0.44	0.52	0.43	23.31	ppb
Manganese	55-2	0.02	0.03	0.01	0.02	48.59	ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	53.28	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	18.10	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	28.73	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	69.64	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	46.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.03	0.01	104.58	ppb
Phosphorus	31-2	-23.06	-15.45	-18.57	-19.03		ppb
Potassium	39-2	-3.75	-6.53	-6.11	-5.46		ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.11	0.55	0.30	0.32	69.09	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.06	0.11	-0.43	-0.46		ppb
Silicon	28-1	-1.68	-1.85	-1.77	-1.77		ppb
Silver	107-1	0.01	0.01	0.01	0.01	34.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.15	ppb
Sodium	23-2	12.39	11.28	12.29	11.99	5.14	ppb
Strontium	86-1	0.02	-0.01	0.01	0.01	136.79	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	18.83	ppb
Sulfur	34-1	-1296.22	-1348.28	-1299.78	-1314.76		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	0.16	ppb
Thallium	205-1	0.05	0.03	0.05	0.04	15.04	ppb
Tin	118-1	0.00	0.03	-0.03	0.00	1278.85	ppb
Titanium	47-1	0.02	0.01	0.03	0.02	44.21	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BL	Instrumnet Name :	P7
Client Sample ID :	PB156670BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:10:39	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.11	0.06	0.16	0.11	43.50	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	78.36	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	153.60	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BS	Instrumnet Name :	P7
Client Sample ID :	PB156670BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:13:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10777.66	10757.42	10605.90	10713.66	0.88	ppb
Antimony	121-1	602.93	522.84	523.57	549.78	8.37	ppb
Arsenic	75-2	504.93	508.12	499.56	504.21	0.86	ppb
Barium	135-1	3013.38	2606.67	2588.78	2736.28	8.78	ppb
Barium	137-1	3011.83	2608.26	2592.20	2737.43	8.69	ppb
Beryllium	9-1	586.47	509.83	504.25	533.51	8.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	613.34	525.87	516.33	551.85	9.69	ppb
Cadmium	106-1	619.39	521.79	525.59	555.59	9.95	ppb
Cadmium	111-1	605.14	529.01	527.27	553.81	8.03	ppb
Calcium	43-1	67760.51	60680.57	60434.41	62958.49	6.61	ppb
Calcium	44-1	63737.77	55777.30	55340.20	58285.09	8.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.87	508.00	512.87	509.25	0.63	ppb
Cobalt	59-2	505.92	508.00	507.14	507.02	0.21	ppb
Copper	63-2	5134.20	5114.57	5103.24	5117.34	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	26840.03	27051.82	26820.15	26904.00	0.48	ppb
Iron	57-2	27215.92	27510.56	26755.55	27160.68	1.40	ppb
Iron	54-2	27730.38	27154.92	27499.60	27461.63	1.05	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BS	Instrumnet Name :	P7
Client Sample ID :	PB156670BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:13:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2903.03	2603.71	2483.75	2663.50	8.11	ppb
Lead	207-1	2893.74	2604.34	2462.43	2653.50	8.28	ppb
Lead	208-1	2900.68	2599.76	2481.48	2660.64	8.12	ppb
Lithium	6-1				97		%
Magnesium	24-2	51902.98	51224.71	51302.87	51476.85	0.72	ppb
Manganese	55-2	5084.22	5003.82	5058.44	5048.83	0.81	ppb
Molybdenum	94-1	5842.57	5108.16	5101.43	5350.72	7.96	ppb
Molybdenum	95-1	5853.20	5108.84	5115.43	5359.16	7.98	ppb
Molybdenum	96-1	5908.39	5131.49	5150.52	5396.80	8.21	ppb
Molybdenum	97-1	5794.27	5150.72	5141.98	5362.32	6.98	ppb
Molybdenum	98-1	5776.97	5157.35	5084.15	5339.49	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.81	508.78	515.26	510.95	0.73	ppb
Phosphorus	31-2	10070.35	10201.28	10117.30	10129.64	0.65	ppb
Potassium	39-2	25478.75	25367.98	25937.44	25594.73	1.18	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	591.45	518.70	511.20	540.45	8.20	ppb
Selenium	77-2	500.97	507.13	504.48	504.20	0.61	ppb
Selenium	78-2	504.88	515.15	510.40	510.14	1.01	ppb
Silicon	28-1	615.34	545.33	532.83	564.50	7.88	ppb
Silver	107-1	615.56	526.61	524.67	555.61	9.35	ppb
Silver	109-1	618.25	531.74	524.34	558.11	9.36	ppb
Sodium	23-2	52271.83	51961.92	52118.23	52117.33	0.30	ppb
Strontium	86-1	14686.90	12819.18	12775.00	13427.03	8.13	ppb
Strontium	88-1	14585.20	12820.76	12756.28	13387.41	7.75	ppb
Sulfur	34-1	12703.19	10027.91	9558.30	10763.13	15.76	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	580.25	512.99	502.16	531.80	7.95	ppb
Thallium	205-1	576.13	521.89	501.39	533.14	7.24	ppb
Tin	118-1	608.08	526.77	522.45	552.43	8.73	ppb
Titanium	47-1	5916.80	5156.80	5120.20	5397.93	8.33	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BS	Instrumnet Name :	P7
Client Sample ID :	PB156670BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:13:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	557.87	511.50	491.08	520.15	6.58	ppb
Vanadium	51-2	499.94	496.00	505.37	500.44	0.94	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%
Zinc	66-2	5122.75	5143.27	5076.27	5114.10	0.67	ppb
Zirconium	90-1	586.59	515.37	510.11	537.36	7.95	ppb
Zirconium	91-1	590.57	512.46	511.92	538.32	8.41	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:21:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84028.54	84653.12	84956.39	84546.02	0.56	ppb
Antimony	121-1	518.17	531.05	508.76	519.32	2.15	ppb
Arsenic	75-2	3170.32	3128.56	3184.84	3161.24	0.92	ppb
Barium	135-1	2385.13	2425.24	2319.32	2376.56	2.25	ppb
Barium	137-1	2412.96	2426.47	2336.34	2391.92	2.03	ppb
Beryllium	9-1	1840.49	1838.04	1859.99	1846.18	0.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2310.47	2342.19	2227.57	2293.41	2.58	ppb
Cadmium	106-1	2262.98	2283.40	2169.80	2238.72	2.71	ppb
Cadmium	111-1	2653.49	2682.37	2559.37	2631.74	2.44	ppb
Calcium	43-1	159346.02	161695.02	155137.40	158726.14	2.09	ppb
Calcium	44-1	158537.63	162579.46	153108.60	158075.23	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1709.39	1669.40	1725.16	1701.32	1.69	ppb
Cobalt	59-2	2282.27	2290.89	2310.29	2294.48	0.63	ppb
Copper	63-2	2789.93	2808.34	2794.71	2797.66	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	202903.78	202976.40	203550.60	203143.59	0.17	ppb
Iron	57-2	199113.54	198618.23	201572.97	199768.25	0.79	ppb
Iron	54-2	204414.42	204556.43	205504.37	204825.07	0.29	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:21:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2025.56	2014.93	1973.44	2004.64	1.37	ppb
Lead	207-1	1969.98	1928.42	1910.99	1936.46	1.57	ppb
Lead	208-1	1975.78	1976.72	1930.88	1961.13	1.34	ppb
Lithium	6-1				187		%
Magnesium	24-2	45562.51	45123.58	45580.84	45422.31	0.57	ppb
Manganese	55-2	3108.61	3103.48	3165.08	3125.72	1.09	ppb
Molybdenum	94-1	277.68	281.23	266.92	275.28	2.71	ppb
Molybdenum	95-1	319.84	316.14	301.92	312.63	3.03	ppb
Molybdenum	96-1	306.69	314.88	300.12	307.23	2.41	ppb
Molybdenum	97-1	316.41	321.59	303.41	313.80	2.98	ppb
Molybdenum	98-1	313.09	319.55	305.47	312.71	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4106.01	4125.95	4170.22	4134.06	0.79	ppb
Phosphorus	31-2	8699.51	8537.98	8647.43	8628.30	0.96	ppb
Potassium	39-2	24616.67	24271.18	24574.82	24487.55	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	2150.93	2181.01	2095.32	2142.42	2.03	ppb
Selenium	77-2	2158.26	2183.77	2220.19	2187.41	1.42	ppb
Selenium	78-2	2137.09	2129.83	2166.49	2144.47	0.91	ppb
Silicon	28-1	1087.81	1094.18	1037.74	1073.24	2.88	ppb
Silver	107-1	459.58	450.50	435.89	448.66	2.66	ppb
Silver	109-1	457.61	455.36	437.30	450.09	2.47	ppb
Sodium	23-2	30781.39	30847.94	30757.93	30795.75	0.15	ppb
Strontium	86-1	545.34	562.88	533.50	547.24	2.70	ppb
Strontium	88-1	542.56	546.23	520.26	536.35	2.62	ppb
Sulfur	34-1	-1393.05	-1403.53	-1668.29	-1488.29		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	1550.30	1552.03	1529.75	1544.03	0.80	ppb
Thallium	205-1	1564.86	1560.56	1534.66	1553.36	1.05	ppb
Tin	118-1	1673.87	1676.63	1617.53	1656.01	2.01	ppb
Titanium	47-1	1741.22	1777.09	1661.06	1726.46	3.44	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:21:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	957.78	945.52	938.75	947.35	1.02	ppb
Vanadium	51-2	1562.97	1546.43	1577.82	1562.40	1.00	ppb
Yttrium	89-1				124		%
Yttrium	89-2				122		%
Zinc	66-2	6536.66	6364.85	6497.96	6466.49	1.39	ppb
Zirconium	90-1	10.03	10.10	9.66	9.93	2.38	ppb
Zirconium	91-1	10.91	10.76	10.36	10.68	2.66	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2023-12-06 16:24:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18135.76	18262.77	18283.07	18227.20	0.44	ppb
Antimony	121-1	105.20	104.64	106.62	105.49	0.97	ppb
Arsenic	75-2	728.88	717.14	721.40	722.47	0.82	ppb
Barium	135-1	471.23	470.89	479.18	473.77	0.99	ppb
Barium	137-1	496.22	485.52	494.38	492.04	1.16	ppb
Beryllium	9-1	587.64	603.74	587.62	593.00	1.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	480.04	477.37	481.90	479.77	0.47	ppb
Cadmium	106-1	472.07	469.34	476.94	472.78	0.81	ppb
Cadmium	111-1	551.40	547.92	557.70	552.34	0.90	ppb
Calcium	43-1	36186.24	35591.16	36123.40	35966.93	0.91	ppb
Calcium	44-1	33923.54	33588.94	34141.34	33884.61	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	380.52	377.07	374.08	377.22	0.85	ppb
Cobalt	59-2	513.51	507.17	505.30	508.66	0.85	ppb
Copper	63-2	637.83	626.84	625.26	629.98	1.09	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				107		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	44959.88	44634.89	43761.65	44452.14	1.39	ppb
Iron	57-2	44053.88	43913.33	43832.01	43933.07	0.26	ppb
Iron	54-2	44464.62	44082.24	43784.64	44110.50	0.77	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2023-12-06 16:24:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	408.74	396.69	399.32	401.59	1.58	ppb
Lead	207-1	394.72	389.64	385.61	389.99	1.17	ppb
Lead	208-1	399.94	390.39	392.32	394.22	1.28	ppb
Lithium	6-1				116		%
Magnesium	24-2	9839.85	9991.20	9805.27	9878.77	1.00	ppb
Manganese	55-2	697.52	675.24	675.30	682.69	1.88	ppb
Molybdenum	94-1	63.49	61.96	62.33	62.59	1.28	ppb
Molybdenum	95-1	72.48	70.91	71.59	71.66	1.10	ppb
Molybdenum	96-1	71.78	70.65	70.27	70.90	1.11	ppb
Molybdenum	97-1	73.13	72.27	72.04	72.48	0.79	ppb
Molybdenum	98-1	73.30	71.60	70.86	71.92	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	923.93	914.08	905.55	914.52	1.01	ppb
Phosphorus	31-2	1831.91	1800.45	1823.11	1818.49	0.89	ppb
Potassium	39-2	5395.14	5240.23	5302.73	5312.70	1.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	494.19	490.72	493.42	492.77	0.37	ppb
Selenium	77-2	504.94	515.59	491.09	503.88	2.44	ppb
Selenium	78-2	484.73	490.55	489.16	488.15	0.62	ppb
Silicon	28-1	233.45	228.13	230.30	230.63	1.16	ppb
Silver	107-1	94.61	94.15	96.59	95.11	1.36	ppb
Silver	109-1	94.45	93.75	95.11	94.44	0.72	ppb
Sodium	23-2	6672.92	6655.06	6575.48	6634.49	0.78	ppb
Strontium	86-1	126.88	123.19	122.89	124.32	1.79	ppb
Strontium	88-1	127.34	122.61	122.85	124.27	2.14	ppb
Sulfur	34-1	-2084.53	-2192.83	-2089.43	-2122.26		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	313.35	307.73	310.80	310.63	0.91	ppb
Thallium	205-1	312.24	303.64	311.13	309.00	1.51	ppb
Tin	118-1	348.78	340.31	346.95	345.35	1.29	ppb
Titanium	47-1	381.28	376.26	384.00	380.51	1.03	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2023-12-06 16:24:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	184.93	180.58	184.44	183.32	1.30	ppb
Vanadium	51-2	343.56	343.47	337.33	341.45	1.05	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	1482.75	1473.07	1457.27	1471.03	0.87	ppb
Zirconium	90-1	2.29	2.23	2.26	2.26	1.41	ppb
Zirconium	91-1	2.46	2.39	2.34	2.40	2.66	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2023-12-06 16:27:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9300.90	9445.47	9207.67	9318.01	1.29	ppb
Antimony	121-1	51.90	52.38	52.39	52.22	0.53	ppb
Arsenic	75-2	368.48	369.21	375.54	371.08	1.05	ppb
Barium	135-1	232.91	234.57	237.44	234.97	0.98	ppb
Barium	137-1	234.69	234.08	239.89	236.22	1.35	ppb
Beryllium	9-1	317.71	321.55	318.31	319.19	0.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	235.10	234.11	243.48	237.56	2.17	ppb
Cadmium	106-1	235.25	236.31	236.13	235.90	0.24	ppb
Cadmium	111-1	276.72	275.12	278.01	276.62	0.52	ppb
Calcium	43-1	18104.17	18150.39	18057.32	18103.96	0.26	ppb
Calcium	44-1	17120.87	16763.73	17181.84	17022.15	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191.24	191.11	189.74	190.70	0.44	ppb
Cobalt	59-2	258.64	259.74	257.20	258.53	0.49	ppb
Copper	63-2	319.31	323.53	315.96	319.60	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	22607.91	22671.71	22021.95	22433.85	1.60	ppb
Iron	57-2	22305.30	22415.99	22123.58	22281.62	0.66	ppb
Iron	54-2	22939.86	22842.18	22696.53	22826.19	0.54	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2023-12-06 16:27:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	190.03	189.18	191.93	190.38	0.74	ppb
Lead	207-1	185.59	182.14	185.32	184.35	1.04	ppb
Lead	208-1	194.72	192.04	194.88	193.88	0.82	ppb
Lithium	6-1				110		%
Magnesium	24-2	5016.54	5060.08	5046.96	5041.19	0.44	ppb
Manganese	55-2	350.23	353.56	351.08	351.62	0.49	ppb
Molybdenum	94-1	32.47	32.58	32.60	32.55	0.21	ppb
Molybdenum	95-1	36.67	37.24	36.84	36.92	0.79	ppb
Molybdenum	96-1	36.46	36.61	36.88	36.65	0.58	ppb
Molybdenum	97-1	36.94	37.23	36.86	37.01	0.52	ppb
Molybdenum	98-1	36.92	37.33	36.72	36.99	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.53	466.56	470.61	469.57	0.56	ppb
Phosphorus	31-2	910.17	950.76	934.66	931.86	2.19	ppb
Potassium	39-2	2817.41	2799.98	2818.30	2811.90	0.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	251.88	253.21	252.39	252.49	0.27	ppb
Selenium	77-2	252.10	263.40	265.01	260.17	2.70	ppb
Selenium	78-2	246.41	250.67	259.38	252.15	2.62	ppb
Silicon	28-1	113.96	114.02	114.95	114.31	0.49	ppb
Silver	107-1	47.57	47.45	47.94	47.65	0.53	ppb
Silver	109-1	47.34	47.12	47.89	47.45	0.83	ppb
Sodium	23-2	3370.70	3386.07	3371.99	3376.25	0.25	ppb
Strontium	86-1	63.47	64.47	63.08	63.67	1.13	ppb
Strontium	88-1	64.46	63.82	62.65	63.64	1.44	ppb
Sulfur	34-1	-2109.10	-2219.87	-2178.35	-2169.11		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	145.55	144.98	147.47	146.00	0.89	ppb
Thallium	205-1	153.71	153.74	155.93	154.46	0.82	ppb
Tin	118-1	167.45	166.80	170.15	168.13	1.06	ppb
Titanium	47-1	189.72	190.65	192.00	190.79	0.60	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2023-12-06 16:27:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	94.16	92.00	90.90	92.35	1.79	ppb
Vanadium	51-2	172.14	173.20	171.25	172.20	0.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	752.67	748.97	754.23	751.96	0.36	ppb
Zirconium	90-1	1.17	1.17	1.16	1.17	0.32	ppb
Zirconium	91-1	1.19	1.32	1.30	1.27	5.39	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:30:17	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49421.88	48784.16	49228.50	49144.84	0.67	ppb
Antimony	121-1	480.93	488.32	485.20	484.81	0.77	ppb
Arsenic	75-2	501.59	504.53	509.22	505.11	0.76	ppb
Barium	135-1	2431.04	2475.88	2501.40	2469.44	1.44	ppb
Barium	137-1	2441.34	2481.43	2500.56	2474.44	1.22	ppb
Beryllium	9-1	508.12	485.96	506.13	500.07	2.45	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	496.61	501.06	494.81	497.49	0.65	ppb
Cadmium	106-1	498.06	502.61	502.56	501.07	0.52	ppb
Cadmium	111-1	500.56	502.19	504.60	502.45	0.40	ppb
Calcium	43-1	252836.57	249558.97	254017.88	252137.81	0.92	ppb
Calcium	44-1	248498.09	249734.68	250967.81	249733.53	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.51	489.80	494.58	492.29	0.49	ppb
Cobalt	59-2	513.05	512.84	520.90	515.59	0.89	ppb
Copper	63-2	4943.93	4886.72	4905.71	4912.12	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	130359.64	129224.65	130016.08	129866.79	0.45	ppb
Iron	57-2	128143.51	126931.67	127745.22	127606.80	0.48	ppb
Iron	54-2	129630.96	128412.25	130038.86	129360.69	0.65	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:30:17	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2510.18	2487.15	2528.89	2508.74	0.83	ppb
Lead	207-1	2484.11	2486.38	2532.88	2501.12	1.10	ppb
Lead	208-1	2488.21	2481.71	2531.87	2500.59	1.09	ppb
Lithium	6-1				96		%
Magnesium	24-2	251962.13	247924.82	251954.53	250613.82	0.93	ppb
Manganese	55-2	4884.80	4859.88	4963.55	4902.74	1.10	ppb
Molybdenum	94-1	4960.71	4976.56	5011.30	4982.86	0.52	ppb
Molybdenum	95-1	4923.33	4970.92	4995.66	4963.30	0.74	ppb
Molybdenum	96-1	4945.35	4990.04	5018.47	4984.62	0.74	ppb
Molybdenum	97-1	4985.18	4978.74	4984.01	4982.65	0.07	ppb
Molybdenum	98-1	4983.34	4934.43	4979.17	4965.65	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.04	498.15	502.96	501.05	0.51	ppb
Phosphorus	31-2	10040.96	9786.75	9902.22	9909.98	1.28	ppb
Potassium	39-2	121865.68	122605.08	123048.53	122506.43	0.49	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	495.80	495.92	505.79	499.17	1.15	ppb
Selenium	77-2	491.49	509.57	505.88	502.31	1.90	ppb
Selenium	78-2	499.98	495.96	500.21	498.72	0.48	ppb
Silicon	28-1	540.03	533.64	542.30	538.66	0.83	ppb
Silver	107-1	511.00	507.24	504.61	507.62	0.63	ppb
Silver	109-1	501.08	504.91	506.51	504.17	0.55	ppb
Sodium	23-2	251766.43	245975.36	252553.42	250098.41	1.44	ppb
Strontium	86-1	12280.08	12184.74	12355.13	12273.32	0.70	ppb
Strontium	88-1	12211.40	12173.64	12361.13	12248.72	0.81	ppb
Sulfur	34-1	9458.94	9085.04	9070.71	9204.90	2.39	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	506.73	499.31	513.44	506.49	1.40	ppb
Thallium	205-1	504.95	494.29	510.63	503.29	1.65	ppb
Tin	118-1	489.79	487.72	490.35	489.29	0.28	ppb
Titanium	47-1	4959.73	4967.38	4920.56	4949.22	0.51	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:30:17	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	511.83	506.84	514.03	510.90	0.72	ppb
Vanadium	51-2	502.33	496.60	501.75	500.23	0.63	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	4927.96	4861.99	4945.90	4911.95	0.90	ppb
Zirconium	90-1	493.37	498.17	504.47	498.67	1.12	ppb
Zirconium	91-1	499.44	503.79	510.02	504.42	1.05	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:37:52	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.31	0.00	-0.07		ppb
Antimony	121-1	0.10	0.09	0.12	0.10	15.27	ppb
Arsenic	75-2	0.02	0.02	0.05	0.03	76.65	ppb
Barium	135-1	0.00	0.01	0.00	0.00	153.73	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.19	0.21	0.18	0.19	10.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.05	0.00	0.03	77.27	ppb
Cadmium	106-1	-2.94	-2.48	-3.26	-2.89		ppb
Cadmium	111-1	-0.20	-0.17	-0.21	-0.19		ppb
Calcium	43-1	-1.87	-1.92	-3.53	-2.44		ppb
Calcium	44-1	-5.48	-6.68	-6.79	-6.31		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.20	-0.19	-0.21	-0.20		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.58	0.61	0.82	0.67	19.40	ppb
Iron	57-2	-1.23	-0.31	-1.07	-0.87		ppb
Iron	54-2	2.10	0.53	0.12	0.91	114.52	ppb
Krypton	83-1						cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:37:52	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.09	0.09	0.09	8.71	ppb
Lead	207-1	0.09	0.08	0.07	0.08	13.39	ppb
Lead	208-1	0.08	0.08	0.08	0.08	4.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.91	1.00	0.81	0.91	10.48	ppb
Manganese	55-2	0.04	0.02	0.02	0.03	39.58	ppb
Molybdenum	94-1	0.08	0.05	0.08	0.07	20.89	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	24.60	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.05	8.54	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	8.72	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	18.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.01	80.28	ppb
Phosphorus	31-2	-18.13	-14.93	-23.74	-18.94		ppb
Potassium	39-2	-4.54	-2.47	-1.71	-2.91		ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.25	0.04	0.30	0.03	972.39	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	-0.31	0.19	-0.07		ppb
Silicon	28-1	-2.73	-3.31	-3.22	-3.08		ppb
Silver	107-1	0.02	0.02	0.01	0.02	20.76	ppb
Silver	109-1	0.02	0.02	0.01	0.02	8.61	ppb
Sodium	23-2	16.94	16.73	16.09	16.59	2.66	ppb
Strontium	86-1	0.03	0.01	0.02	0.02	45.77	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	42.33	ppb
Sulfur	34-1	-1782.78	-1877.56	-1894.53	-1851.63		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.06	0.06	3.40	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	4.75	ppb
Tin	118-1	0.00	0.02	0.01	0.01	81.91	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	1153.82	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:37:52	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.04	-0.01	0.04	0.00		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	1.63	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	31.56	ppb

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:12:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	157	203	190	15.29	cps
Antimony	121-1	77	70	103	83	21.17	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	20	30	20	23	24.74	cps
Barium	137-1	30	47	63	47	35.71	cps
Beryllium	9-1	143	113	137	131	12.02	cps
Bismuth	209-1	6506934	6689747	6530431	6575704	1.51	cps
Bismuth	209-2	5003912	4946575	4901996	4950828	1.03	cps
Bromine	81-1	8302	8129	8272	8235	1.13	cps
Bromine	81-2	110	90	80	93	16.37	cps
Cadmium	108-1	7	13	17	12	41.65	cps
Cadmium	106-1	5391	5044	5231	5222	3.32	cps
Cadmium	111-1	3786	3528	3670	3661	3.52	cps
Calcium	43-1	633	617	693	648	6.23	cps
Calcium	44-1	17907	17697	18098	17901	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1117	1113	1147	1126	1.63	cps
Cobalt	59-2	97	97	120	104	12.90	cps
Copper	63-2	3414	3327	3377	3373	1.29	cps
Dysprosium	156-1	10	3	17	10	66.70	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	93	113	83	97	15.80	cps
Erbium	164-2	43	67	57	56	21.08	cps
Gadolinium	160-1	37	57	70	54	30.81	cps
Gadolinium	160-2	427	437	380	414	7.30	cps
Holmium	165-1	10750750	10859924	10793299	10801324	0.51	cps
Holmium	165-2	7122871	7156097	7045609	7108192	0.80	cps
Indium	115-1	8332366	8370848	8173383	8292199	1.26	cps
Indium	115-2	2572487	2594941	2567615	2578348	0.57	cps
Iron	56-2	6441	6388	6128	6319	2.65	cps
Iron	57-2	800	873	717	797	9.84	cps
Iron	54-2	1060	1027	1003	1030	2.77	cps
Krypton	83-1	167	163	217	182	16.39	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:12:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	707	583	530	607	14.94	cps
Lead	207-1	553	503	590	549	7.93	cps
Lead	208-1	2647	2433	2583	2555	4.29	cps
Lithium	6-1	2981363	2997006	2896969	2958446	1.82	cps
Magnesium	24-2	177	187	143	169	13.43	cps
Manganese	55-2	97	113	133	114	16.04	cps
Molybdenum	94-1	187	210	167	188	11.55	cps
Molybdenum	95-1	50	93	53	66	36.78	cps
Molybdenum	96-1	93	83	67	81	16.60	cps
Molybdenum	97-1	37	37	33	36	5.42	cps
Molybdenum	98-1	110	107	103	107	3.13	cps
Neodymium	150-1	23	7	17	16	53.90	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	110	103	143	119	18.03	cps
Phosphorus	31-2	377	317	370	354	9.28	cps
Potassium	39-2	56765	57277	56805	56949	0.50	cps
Rhodium	103-1	7678938	7749889	7658849	7695892	0.62	cps
Rhodium	103-2	4218186	4259382	4240697	4239422	0.49	cps
Scandium	45-1	5271198	5244697	5245917	5253937	0.28	cps
Scandium	45-2	399301	397766	395453	397507	0.49	cps
Selenium	82-1	289	300	266	285	6.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	117	117	120	4.81	cps
Silicon	28-1	1464748	1395264	1460665	1440226	2.71	cps
Silver	107-1	73	103	150	109	35.48	cps
Silver	109-1	87	73	73	78	9.90	cps
Sodium	23-2	18685	18772	18795	18750	0.31	cps
Strontium	86-1	280	270	333	294	11.56	cps
Strontium	88-1	160	273	193	209	27.88	cps
Sulfur	34-1	313109	312402	315974	313828	0.60	cps
Terbium	159-1	11067164	11105356	11144187	11105569	0.35	cps
Terbium	159-2	7004553	6917184	6967731	6963156	0.63	cps
Thallium	203-1	247	257	143	216	29.11	cps
Thallium	205-1	393	443	423	420	5.99	cps
Tin	118-1	920	1043	1037	1000	6.93	cps
Titanium	47-1	103	90	120	104	14.39	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:12:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	57	57	60	9.62	cps
Vanadium	51-2	17	13	10	13	25.01	cps
Yttrium	89-1	13622244	13917506	13408199	13649317	1.87	cps
Yttrium	89-2	2966866	2991873	3002812	2987184	0.62	cps
Zinc	66-2	353	447	313	371	18.44	cps
Zirconium	90-1	507	423	550	493	13.05	cps
Zirconium	91-1	80	87	107	91	15.23	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:18:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4481	4284	4151	4305	3.86	cps
Antimony	121-1	16319	16546	16139	16335	1.25	cps
Arsenic	75-2	430	387	323	380	14.12	cps
Barium	135-1	20889	20892	21456	21079	1.55	cps
Barium	137-1	36126	36724	36717	36522	0.94	cps
Beryllium	9-1	2607	2580	2560	2582	0.91	cps
Bismuth	209-1	6733036	6465164	6639861	6612687	2.06	cps
Bismuth	209-2	5030344	5001477	4952673	4994831	0.79	cps
Bromine	81-1	8409	8299	8272	8327	0.87	cps
Bromine	81-2	130	110	110	117	9.90	cps
Cadmium	108-1	157	240	197	198	21.07	cps
Cadmium	106-1	5348	5378	5234	5320	1.42	cps
Cadmium	111-1	5897	5773	5820	5830	1.07	cps
Calcium	43-1	13696	14280	13873	13950	2.15	cps
Calcium	44-1	231727	232200	229706	231211	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7835	7682	7599	7705	1.56	cps
Cobalt	59-2	4911	5551	5361	5274	6.23	cps
Copper	63-2	10631	10584	10367	10527	1.34	cps
Dysprosium	156-1	10	3	17	10	66.70	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	110	107	90	102	10.48	cps
Erbium	164-2	33	63	33	43	39.97	cps
Gadolinium	160-1	47	37	37	40	14.43	cps
Gadolinium	160-2	420	327	443	397	15.56	cps
Holmium	165-1	11183862	10863565	11296963	11114797	2.02	cps
Holmium	165-2	7205757	7231568	7000124	7145816	1.77	cps
Indium	115-1	8582811	8367186	8717636	8555878	2.07	cps
Indium	115-2	2607028	2626850	2553330	2595736	1.47	cps
Iron	56-2	154969	155154	155360	155161	0.13	cps
Iron	57-2	4344	4551	4567	4487	2.77	cps
Iron	54-2	9340	9530	9400	9423	1.03	cps
Krypton	83-1	217	167	200	194	13.09	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:18:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6698	6785	6939	6807	1.79	cps
Lead	207-1	5955	6075	5898	5976	1.51	cps
Lead	208-1	26894	27288	26660	26947	1.18	cps
Lithium	6-1	2871481	2959410	2920369	2917086	1.51	cps
Magnesium	24-2	203325	202633	201873	202610	0.36	cps
Manganese	55-2	2390	2467	2457	2438	1.71	cps
Molybdenum	94-1	16923	16680	17417	17007	2.21	cps
Molybdenum	95-1	21259	20558	20848	20888	1.69	cps
Molybdenum	96-1	22828	23529	23259	23205	1.52	cps
Molybdenum	97-1	12719	13019	13039	12926	1.39	cps
Molybdenum	98-1	34247	33605	33819	33890	0.96	cps
Neodymium	150-1	13	10	7	10	33.30	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	1367	1420	1527	1438	5.67	cps
Phosphorus	31-2	683	620	630	644	5.28	cps
Potassium	39-2	256293	254300	253776	254790	0.52	cps
Rhodium	103-1	7834720	7750767	7824824	7803437	0.59	cps
Rhodium	103-2	4365670	4339440	4291718	4332276	0.87	cps
Scandium	45-1	5328038	5221252	5351134	5300141	1.31	cps
Scandium	45-2	404420	407539	401341	404433	0.77	cps
Selenium	82-1	908	991	1014	971	5.73	cps
Selenium	77-2	37	83	57	59	39.75	cps
Selenium	78-2	333	340	330	334	1.52	cps
Silicon	28-1	1424626	1463451	1446847	1444975	1.35	cps
Silver	107-1	10400	10667	10734	10601	1.67	cps
Silver	109-1	9987	10287	10294	10189	1.72	cps
Sodium	23-2	344463	343611	341276	343117	0.48	cps
Strontium	86-1	3117	2937	3094	3049	3.21	cps
Strontium	88-1	23035	24103	23853	23664	2.36	cps
Sulfur	34-1	317760	319172	321615	319516	0.61	cps
Terbium	159-1	11270725	11308711	11428170	11335869	0.72	cps
Terbium	159-2	6926028	7050294	6917033	6964452	1.07	cps
Thallium	203-1	7772	7706	7866	7781	1.03	cps
Thallium	205-1	18917	18466	17922	18435	2.70	cps
Tin	118-1	35450	35253	36115	35606	1.27	cps
Titanium	47-1	6138	6061	5958	6052	1.49	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:18:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23534	24265	23962	23920	1.54	cps
Vanadium	51-2	14217	14043	14057	14106	0.68	cps
Yttrium	89-1	13961603	13653561	13667858	13761007	1.26	cps
Yttrium	89-2	3056152	3048409	3027444	3044002	0.49	cps
Zinc	66-2	3274	3280	3150	3235	2.26	cps
Zirconium	90-1	14784	14481	14477	14581	1.21	cps
Zirconium	91-1	3444	3254	3267	3322	3.19	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:22:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223629	220629	221014	221757	0.74	cps
Antimony	121-1	419318	422778	422541	421546	0.46	cps
Arsenic	75-2	18381	18545	18108	18345	1.20	cps
Barium	135-1	545422	551764	551012	549399	0.63	cps
Barium	137-1	943457	958353	955528	952446	0.83	cps
Beryllium	9-1	127487	129400	129712	128866	0.93	cps
Bismuth	209-1	6514260	6542127	6651973	6569453	1.11	cps
Bismuth	209-2	4981331	4995692	4885804	4954276	1.21	cps
Bromine	81-1	7906	7672	7352	7643	3.64	cps
Bromine	81-2	67	30	30	42	50.14	cps
Cadmium	108-1	8779	8392	9050	8740	3.78	cps
Cadmium	106-1	17187	17240	16923	17117	0.99	cps
Cadmium	111-1	118186	118689	120386	119087	0.97	cps
Calcium	43-1	155672	157265	155683	156207	0.59	cps
Calcium	44-1	2285121	2275976	2271546	2277548	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165298	165810	165173	165427	0.20	cps
Cobalt	59-2	251630	253124	248287	251014	0.99	cps
Copper	63-2	1809963	1758752	1772114	1780277	1.49	cps
Dysprosium	156-1	13	33	67	38	71.33	cps
Dysprosium	156-2	43	30	50	41	24.77	cps
Erbium	164-1	127	100	73	100	26.67	cps
Erbium	164-2	63	67	33	54	33.72	cps
Gadolinium	160-1	70	97	90	86	16.22	cps
Gadolinium	160-2	333	387	380	367	7.93	cps
Holmium	165-1	11000571	11084220	11124137	11069643	0.57	cps
Holmium	165-2	7071382	7118543	7112577	7100834	0.36	cps
Indium	115-1	8304002	8421160	8535227	8420130	1.37	cps
Indium	115-2	2482870	2512223	2522955	2506016	0.83	cps
Iron	56-2	7084354	7001152	7080014	7055173	0.66	cps
Iron	57-2	188473	187686	188031	188063	0.21	cps
Iron	54-2	425170	418967	418436	420858	0.89	cps
Krypton	83-1	147	167	200	171	15.74	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:22:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1666704	1684029	1707397	1686043	1.21	cps
Lead	207-1	1460496	1473660	1494193	1476116	1.15	cps
Lead	208-1	6906229	6909458	7021958	6945882	0.95	cps
Lithium	6-1	2885419	3036187	3022923	2981510	2.80	cps
Magnesium	24-2	2018642	1991002	2005577	2005073	0.69	cps
Manganese	55-2	1189831	1185870	1194099	1189934	0.35	cps
Molybdenum	94-1	1555314	1548679	1518974	1540989	1.26	cps
Molybdenum	95-1	2251986	2252297	2251576	2251953	0.02	cps
Molybdenum	96-1	2457434	2450541	2457960	2455312	0.17	cps
Molybdenum	97-1	1402846	1412897	1408982	1408242	0.36	cps
Molybdenum	98-1	3607477	3602185	3593278	3600980	0.20	cps
Neodymium	150-1	60	50	80	63	24.12	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	65388	64448	64578	64805	0.79	cps
Phosphorus	31-2	11558	11284	11238	11360	1.52	cps
Potassium	39-2	1064159	1058407	1051281	1057949	0.61	cps
Rhodium	103-1	7714256	7762259	7538736	7671750	1.53	cps
Rhodium	103-2	4178552	4137795	4152094	4156147	0.50	cps
Scandium	45-1	5217987	5206397	5235196	5219860	0.28	cps
Scandium	45-2	392230	391167	388554	390651	0.48	cps
Selenium	82-1	7770	7638	7512	7640	1.69	cps
Selenium	77-2	617	527	537	560	8.81	cps
Selenium	78-2	2120	2067	2040	2076	1.96	cps
Silicon	28-1	5411165	5464787	5443922	5439958	0.50	cps
Silver	107-1	553780	558006	561865	557884	0.72	cps
Silver	109-1	527807	535260	536385	533151	0.87	cps
Sodium	23-2	3222170	3191682	3242988	3218947	0.80	cps
Strontium	86-1	3525082	3540448	3579852	3548460	0.80	cps
Strontium	88-1	30644249	30738694	30918422	30767121	0.45	cps
Sulfur	34-1	353181	351251	350936	351790	0.35	cps
Terbium	159-1	11241001	11370732	11422556	11344763	0.82	cps
Terbium	159-2	6877959	6941575	6818173	6879236	0.90	cps
Thallium	203-1	403862	404449	410870	406394	0.96	cps
Thallium	205-1	954876	961933	973408	963406	0.97	cps
Tin	118-1	358771	362422	360979	360724	0.51	cps
Titanium	47-1	598313	602117	603348	601259	0.44	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:22:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1280013	1295335	1317221	1297523	1.44	cps
Vanadium	51-2	138898	139649	139948	139498	0.39	cps
Yttrium	89-1	13516966	13505881	13535404	13519417	0.11	cps
Yttrium	89-2	2975816	2912890	2920308	2936338	1.17	cps
Zinc	66-2	295483	290721	292270	292825	0.83	cps
Zirconium	90-1	755279	753780	752262	753774	0.20	cps
Zirconium	91-1	166145	170579	167982	168235	1.32	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:25:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510565	505876	499238	505226	1.13	cps
Antimony	121-1	1015730	1016385	1010652	1014256	0.31	cps
Arsenic	75-2	42992	42517	42494	42668	0.66	cps
Barium	135-1	1318140	1320138	1313355	1317211	0.26	cps
Barium	137-1	2388875	2349630	2371905	2370137	0.83	cps
Beryllium	9-1	315365	316966	310190	314174	1.13	cps
Bismuth	209-1	6589100	6649143	6636218	6624820	0.48	cps
Bismuth	209-2	4780953	4831610	4890175	4834246	1.13	cps
Bromine	81-1	7372	6758	6868	7000	4.67	cps
Bromine	81-2	53	60	33	49	28.39	cps
Cadmium	108-1	21059	20525	20575	20719	1.42	cps
Cadmium	106-1	33375	34521	33499	33798	1.86	cps
Cadmium	111-1	280891	279480	275450	278607	1.01	cps
Calcium	43-1	370301	369851	368075	369409	0.32	cps
Calcium	44-1	5344616	5312750	5265837	5307734	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	383814	383376	386120	384437	0.38	cps
Cobalt	59-2	583954	580911	579396	581420	0.40	cps
Copper	63-2	4127641	4074480	4092044	4098055	0.66	cps
Dysprosium	156-1	73	97	93	88	14.38	cps
Dysprosium	156-2	100	93	87	93	7.14	cps
Erbium	164-1	130	143	110	128	13.13	cps
Erbium	164-2	60	80	67	69	14.78	cps
Gadolinium	160-1	87	93	137	106	25.72	cps
Gadolinium	160-2	410	357	357	374	8.22	cps
Holmium	165-1	10944793	10828337	10913796	10895642	0.55	cps
Holmium	165-2	6849050	6852767	7137111	6946309	2.38	cps
Indium	115-1	8050877	8052026	7997537	8033480	0.39	cps
Indium	115-2	2379834	2362303	2383012	2375050	0.47	cps
Iron	56-2	16762884	16652386	16396079	16603783	1.13	cps
Iron	57-2	438394	438669	440681	439248	0.28	cps
Iron	54-2	994128	986425	972410	984321	1.12	cps
Krypton	83-1	200	197	147	181	16.50	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:25:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4374720	4398450	4474319	4415830	1.18	cps
Lead	207-1	3881017	3896863	3907063	3894981	0.34	cps
Lead	208-1	17569432	17590417	17748950	17636266	0.56	cps
Lithium	6-1	2972471	3029126	2959507	2987035	1.24	cps
Magnesium	24-2	4733570	4630858	4640162	4668197	1.22	cps
Manganese	55-2	2748576	2738562	2707639	2731592	0.78	cps
Molybdenum	94-1	3689257	3641427	3666338	3665674	0.65	cps
Molybdenum	95-1	5317293	5288397	5225099	5276930	0.89	cps
Molybdenum	96-1	5778649	5771674	5696769	5749031	0.79	cps
Molybdenum	97-1	3343042	3300486	3318227	3320585	0.64	cps
Molybdenum	98-1	8498235	8447618	8399746	8448533	0.58	cps
Neodymium	150-1	127	130	97	118	15.59	cps
Neodymium	150-2	30	27	27	28	6.92	cps
Nickel	60-2	151587	150883	149442	150637	0.73	cps
Phosphorus	31-2	25875	25351	25872	25699	1.17	cps
Potassium	39-2	2253149	2265148	2284664	2267653	0.70	cps
Rhodium	103-1	7364671	7344039	7232944	7313885	0.97	cps
Rhodium	103-2	3898411	3906008	3899955	3901458	0.10	cps
Scandium	45-1	5017418	5016872	4927028	4987106	1.04	cps
Scandium	45-2	369204	371894	365505	368868	0.87	cps
Selenium	82-1	17567	17550	17277	17465	0.93	cps
Selenium	77-2	1327	1407	1410	1381	3.42	cps
Selenium	78-2	4651	4374	4634	4553	3.41	cps
Silicon	28-1	10816224	10754071	10673612	10747969	0.67	cps
Silver	107-1	1323403	1319131	1309348	1317294	0.55	cps
Silver	109-1	1259099	1248543	1246814	1251485	0.53	cps
Sodium	23-2	7604718	7507062	7556452	7556077	0.65	cps
Strontium	86-1	8415934	8368628	8332663	8372408	0.50	cps
Strontium	88-1	74487302	74178131	72814017	73826483	1.21	cps
Sulfur	34-1	398210	393073	383564	391616	1.90	cps
Terbium	159-1	11212760	11193477	11017762	11141333	0.96	cps
Terbium	159-2	6840123	6825909	6774403	6813478	0.51	cps
Thallium	203-1	1008917	1008844	1012875	1010212	0.23	cps
Thallium	205-1	2521014	2490133	2521599	2510915	0.72	cps
Tin	118-1	866563	871401	863015	866993	0.49	cps
Titanium	47-1	1427072	1375264	1397152	1399829	1.86	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:25:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3490754	3451383	3565897	3502678	1.66	cps
Vanadium	51-2	328264	326747	326581	327197	0.28	cps
Yttrium	89-1	13278191	13149389	12932589	13120056	1.33	cps
Yttrium	89-2	2784479	2785327	2795125	2788310	0.21	cps
Zinc	66-2	683968	681204	685804	683659	0.34	cps
Zirconium	90-1	1807714	1814244	1775656	1799205	1.15	cps
Zirconium	91-1	405492	403671	399328	402830	0.79	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:28:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	992602	984359	988423	988461	0.42	cps
Antimony	121-1	1986584	2011784	2002672	2000347	0.64	cps
Arsenic	75-2	84378	84137	84750	84421	0.37	cps
Barium	135-1	2647507	2664937	2660533	2657659	0.34	cps
Barium	137-1	4617471	4572127	4645292	4611630	0.80	cps
Beryllium	9-1	600818	594793	598393	598001	0.51	cps
Bismuth	209-1	6512158	6568329	6581379	6553955	0.56	cps
Bismuth	209-2	4809507	4804200	4774044	4795917	0.40	cps
Bromine	81-1	6695	6932	6742	6789	1.85	cps
Bromine	81-2	33	80	67	60	40.07	cps
Cadmium	108-1	39457	40028	40908	40131	1.82	cps
Cadmium	106-1	60606	60448	60887	60647	0.37	cps
Cadmium	111-1	529743	540428	536161	535444	1.00	cps
Calcium	43-1	698799	710265	707430	705498	0.85	cps
Calcium	44-1	10155814	10139510	10119626	10138317	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	757206	748733	753864	753268	0.57	cps
Cobalt	59-2	1131160	1139153	1138013	1136108	0.38	cps
Copper	63-2	7999167	8021835	7989183	8003395	0.21	cps
Dysprosium	156-1	153	160	163	159	3.20	cps
Dysprosium	156-2	163	153	193	170	12.24	cps
Erbium	164-1	123	130	127	127	2.63	cps
Erbium	164-2	73	73	83	77	7.53	cps
Gadolinium	160-1	160	170	197	176	10.80	cps
Gadolinium	160-2	470	457	443	457	2.92	cps
Holmium	165-1	10903159	10724615	11007510	10878428	1.32	cps
Holmium	165-2	6942249	7003041	6886547	6943946	0.84	cps
Indium	115-1	7780223	7844166	7842638	7822342	0.47	cps
Indium	115-2	2341531	2391525	2377672	2370243	1.09	cps
Iron	56-2	32217991	32349787	32336065	32301281	0.22	cps
Iron	57-2	859787	854278	859454	857839	0.36	cps
Iron	54-2	1805677	1831003	1793159	1809946	1.07	cps
Krypton	83-1	137	140	180	152	15.84	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:28:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8722306	8716081	8763249	8733879	0.29	cps
Lead	207-1	7621582	7703289	7837674	7720848	1.41	cps
Lead	208-1	34590304	34908537	35280180	34926341	0.99	cps
Lithium	6-1	2918194	2924311	2954589	2932365	0.66	cps
Magnesium	24-2	9166019	9045622	9047653	9086431	0.76	cps
Manganese	55-2	5295347	5339859	5278539	5304582	0.60	cps
Molybdenum	94-1	7023825	7064097	7150663	7079528	0.92	cps
Molybdenum	95-1	10265401	10327568	10341188	10311386	0.39	cps
Molybdenum	96-1	11183941	11133080	11271122	11196047	0.62	cps
Molybdenum	97-1	6323051	6391801	6378999	6364617	0.57	cps
Molybdenum	98-1	16263201	16610057	16615102	16496120	1.22	cps
Neodymium	150-1	257	230	243	243	5.48	cps
Neodymium	150-2	57	57	47	53	10.82	cps
Nickel	60-2	292649	294363	293087	293367	0.30	cps
Phosphorus	31-2	50436	48968	50028	49811	1.52	cps
Potassium	39-2	4400562	4395730	4357560	4384617	0.54	cps
Rhodium	103-1	6964453	7135534	7101970	7067319	1.28	cps
Rhodium	103-2	3907605	3862970	3882831	3884469	0.58	cps
Scandium	45-1	4915873	4819260	4890802	4875312	1.03	cps
Scandium	45-2	364640	362284	364404	363776	0.36	cps
Selenium	82-1	33009	33322	33128	33153	0.48	cps
Selenium	77-2	2687	2754	2650	2697	1.94	cps
Selenium	78-2	9260	8926	8839	9008	2.46	cps
Silicon	28-1	19182681	19113275	19292670	19196209	0.47	cps
Silver	107-1	2493253	2523562	2528260	2515025	0.76	cps
Silver	109-1	2397333	2423135	2396893	2405787	0.62	cps
Sodium	23-2	14877201	14696396	14829582	14801060	0.63	cps
Strontium	86-1	16360221	16352689	16442318	16385076	0.30	cps
Strontium	88-1	141600211	144618205	141763345	142660587	1.19	cps
Sulfur	34-1	450288	445088	434536	443304	1.81	cps
Terbium	159-1	10979343	10881234	11119045	10993207	1.09	cps
Terbium	159-2	6882747	6936017	6850244	6889669	0.63	cps
Thallium	203-1	2102129	2091109	2133284	2108841	1.04	cps
Thallium	205-1	4943683	4939031	4969562	4950758	0.33	cps
Tin	118-1	1689269	1724876	1694706	1702950	1.13	cps
Titanium	47-1	2715793	2727963	2704246	2716001	0.44	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:28:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6843639	7057308	6989649	6963532	1.57	cps
Vanadium	51-2	645140	639024	640276	641480	0.50	cps
Yttrium	89-1	12694546	12808742	12696095	12733128	0.51	cps
Yttrium	89-2	2797945	2748517	2783729	2776730	0.92	cps
Zinc	66-2	1350098	1340961	1344889	1345316	0.34	cps
Zirconium	90-1	3464072	3421886	3464988	3450315	0.71	cps
Zirconium	91-1	772157	780636	780743	777845	0.63	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:30:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1922004	1942458	1943969	1936144	0.63	cps
Antimony	121-1	3974877	4061822	4046648	4027782	1.15	cps
Arsenic	75-2	171990	169199	168848	170012	1.01	cps
Barium	135-1	5341702	5306603	5385535	5344613	0.74	cps
Barium	137-1	9315348	9320139	9345860	9327116	0.18	cps
Beryllium	9-1	1128631	1136176	1141119	1135309	0.55	cps
Bismuth	209-1	6672431	6691974	6715678	6693361	0.32	cps
Bismuth	209-2	4912048	4794877	4806386	4837770	1.33	cps
Bromine	81-1	7128	7015	7142	7095	0.98	cps
Bromine	81-2	90	90	77	86	9.00	cps
Cadmium	108-1	79188	79892	80428	79836	0.78	cps
Cadmium	106-1	115185	117047	116650	116294	0.84	cps
Cadmium	111-1	1060586	1072013	1075684	1069428	0.74	cps
Calcium	43-1	1389356	1383261	1364723	1379113	0.93	cps
Calcium	44-1	20355097	20422069	20542534	20439900	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1504261	1482268	1496182	1494237	0.74	cps
Cobalt	59-2	2254916	2293670	2268862	2272483	0.86	cps
Copper	63-2	16058690	15977895	15928045	15988210	0.41	cps
Dysprosium	156-1	290	300	317	302	4.46	cps
Dysprosium	156-2	350	387	393	377	6.19	cps
Erbium	164-1	197	190	183	190	3.51	cps
Erbium	164-2	100	103	90	98	7.10	cps
Gadolinium	160-1	317	323	330	323	2.06	cps
Gadolinium	160-2	547	637	503	562	12.10	cps
Holmium	165-1	11191620	11215773	10991764	11133052	1.10	cps
Holmium	165-2	7217557	7107964	7105180	7143567	0.90	cps
Indium	115-1	8016244	8010383	8019204	8015277	0.06	cps
Indium	115-2	2386857	2358147	2374015	2373006	0.61	cps
Iron	56-2	65414169	65695181	64915057	65341469	0.60	cps
Iron	57-2	1675664	1643756	1641767	1653729	1.15	cps
Iron	54-2	3718544	3645324	3625790	3663219	1.33	cps
Krypton	83-1	130	183	157	157	17.02	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:30:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17332606	17650766	17523030	17502134	0.91	cps
Lead	207-1	15453296	15413335	15527699	15464777	0.38	cps
Lead	208-1	69717490	70181639	70391340	70096823	0.49	cps
Lithium	6-1	2908530	2962582	2895298	2922136	1.22	cps
Magnesium	24-2	18552855	18356593	18312609	18407353	0.69	cps
Manganese	55-2	10878489	10787918	10674564	10780324	0.95	cps
Molybdenum	94-1	14233630	14459179	14590293	14427700	1.25	cps
Molybdenum	95-1	20680869	20666069	20981200	20776046	0.86	cps
Molybdenum	96-1	22344839	22521497	22701571	22522635	0.79	cps
Molybdenum	97-1	12845377	12975146	13002735	12941086	0.65	cps
Molybdenum	98-1	33438703	33781777	33641908	33620796	0.51	cps
Neodymium	150-1	453	460	470	461	1.82	cps
Neodymium	150-2	93	97	97	96	2.02	cps
Nickel	60-2	582294	582202	578672	581056	0.36	cps
Phosphorus	31-2	100933	99813	99467	100071	0.77	cps
Potassium	39-2	8852642	8744328	8718738	8771903	0.81	cps
Rhodium	103-1	7092391	7216223	7049756	7119457	1.21	cps
Rhodium	103-2	3938888	3855672	3887884	3894148	1.08	cps
Scandium	45-1	5014924	4953248	4918914	4962362	0.98	cps
Scandium	45-2	371756	371783	371910	371816	0.02	cps
Selenium	82-1	65903	65931	66837	66223	0.80	cps
Selenium	77-2	5324	5554	5028	5302	4.98	cps
Selenium	78-2	18038	18101	17804	17981	0.87	cps
Silicon	28-1	36271734	35828935	36346216	36148962	0.77	cps
Silver	107-1	4984534	5044452	4995570	5008185	0.64	cps
Silver	109-1	4812894	4843479	4832575	4829649	0.32	cps
Sodium	23-2	29886392	29930262	29777077	29864577	0.26	cps
Strontium	86-1	33098285	33632820	33585915	33439006	0.89	cps
Strontium	88-1	286233436	293662949	292742882	290879756	1.39	cps
Sulfur	34-1	620460	623213	624370	622681	0.32	cps
Terbium	159-1	11540739	11293952	11270199	11368297	1.32	cps
Terbium	159-2	7022279	6926309	6929595	6959394	0.78	cps
Thallium	203-1	4284686	4324771	4307175	4305544	0.47	cps
Thallium	205-1	9941974	10058504	10025668	10008715	0.60	cps
Tin	118-1	3470989	3452930	3426288	3450069	0.65	cps
Titanium	47-1	5390839	5418552	5480324	5429905	0.84	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:30:52	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14012829	14184024	14328225	14175026	1.11	cps
Vanadium	51-2	1304830	1273906	1296624	1291787	1.24	cps
Yttrium	89-1	13312050	13196126	13232496	13246891	0.45	cps
Yttrium	89-2	2827941	2858784	2856045	2847590	0.60	cps
Zinc	66-2	2618294	2634087	2616040	2622807	0.37	cps
Zirconium	90-1	6937883	7009351	7050782	6999338	0.82	cps
Zirconium	91-1	1571143	1596649	1581534	1583109	0.81	cps

LB Number : LB128594 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2023-12-06 14:33:39 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3792899	3823866	3822654	3813140	0.46	cps
Antimony	121-1	7867855	7938769	8016187	7940937	0.93	cps
Arsenic	75-2	334496	333628	333528	333884	0.16	cps
Barium	135-1	10616356	10641543	10614882	10624260	0.14	cps
Barium	137-1	18146193	18462255	18416819	18341756	0.93	cps
Beryllium	9-1	2180691	2217236	2221568	2206498	1.02	cps
Bismuth	209-1	6484332	6448473	6410928	6447911	0.57	cps
Bismuth	209-2	4678558	4724303	4735229	4712697	0.64	cps
Bromine	81-1	7082	7445	7492	7340	3.06	cps
Bromine	81-2	67	70	80	72	9.61	cps
Cadmium	108-1	152663	154321	157450	154811	1.57	cps
Cadmium	106-1	219520	220766	220407	220231	0.29	cps
Cadmium	111-1	2032248	2056154	2067338	2051913	0.87	cps
Calcium	43-1	2684701	2709151	2735667	2709840	0.94	cps
Calcium	44-1	40099137	40864216	40627054	40530136	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2952579	2913513	2917419	2927837	0.73	cps
Cobalt	59-2	4394130	4390033	4363473	4382545	0.38	cps
Copper	63-2	30949990	30678000	30499265	30709085	0.74	cps
Dysprosium	156-1	600	687	620	636	7.14	cps
Dysprosium	156-2	707	673	760	713	6.13	cps
Erbium	164-1	250	270	277	266	5.23	cps
Erbium	164-2	167	157	133	152	11.24	cps
Gadolinium	160-1	493	547	533	524	5.29	cps
Gadolinium	160-2	580	640	687	636	8.41	cps
Holmium	165-1	11159632	11050573	11078406	11096204	0.51	cps
Holmium	165-2	7030320	6991737	7145918	7055991	1.14	cps
Indium	115-1	7808091	7804002	7813993	7808695	0.06	cps
Indium	115-2	2296822	2315775	2345462	2319353	1.06	cps
Iron	56-2	128397088	128452378	127025535	127958334	0.63	cps
Iron	57-2	3249934	3235397	3239016	3241449	0.23	cps
Iron	54-2	7118649	7175592	7098659	7130967	0.56	cps
Krypton	83-1	200	167	187	184	9.10	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:33:39	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	34096886	34400507	34365288	34287560	0.48	cps
Lead	207-1	29986689	30318069	30330724	30211827	0.65	cps
Lead	208-1	136831790	137635913	137128807	137198837	0.30	cps
Lithium	6-1	2889019	2837239	2867688	2864649	0.91	cps
Magnesium	24-2	36321924	35772086	35971069	36021693	0.77	cps
Manganese	55-2	21197128	21316209	21045964	21186434	0.64	cps
Molybdenum	94-1	28217436	28498780	28475488	28397235	0.55	cps
Molybdenum	95-1	40948812	41405401	41264264	41206159	0.57	cps
Molybdenum	96-1	44322801	44851468	45090718	44754995	0.88	cps
Molybdenum	97-1	25417019	25607840	25692607	25572489	0.55	cps
Molybdenum	98-1	66353917	66354327	66576022	66428089	0.19	cps
Neodymium	150-1	890	880	960	910	4.79	cps
Neodymium	150-2	157	240	247	214	23.39	cps
Nickel	60-2	1117423	1110833	1118127	1115461	0.36	cps
Phosphorus	31-2	197922	196457	195240	196540	0.68	cps
Potassium	39-2	17453119	17472676	17273501	17399765	0.63	cps
Rhodium	103-1	6878868	6851902	6876289	6869019	0.22	cps
Rhodium	103-2	3799615	3832407	3751858	3794627	1.07	cps
Scandium	45-1	4867903	4901270	4963058	4910744	0.98	cps
Scandium	45-2	368326	370384	373447	370719	0.70	cps
Selenium	82-1	126493	126512	127861	126955	0.62	cps
Selenium	77-2	10350	10270	10187	10269	0.80	cps
Selenium	78-2	34280	34871	34580	34577	0.86	cps
Silicon	28-1	68157397	67633331	65617486	67136071	2.00	cps
Silver	107-1	9601249	9704595	9699970	9668605	0.60	cps
Silver	109-1	9287826	9257445	9323455	9289575	0.36	cps
Sodium	23-2	59567624	58541261	58772601	58960495	0.91	cps
Strontium	86-1	65509106	65342599	65483527	65445077	0.14	cps
Strontium	88-1	577204925	573535405	579585205	576775178	0.53	cps
Sulfur	34-1	1022608	1024956	1025320	1024295	0.14	cps
Terbium	159-1	11423758	11180539	11306702	11303666	1.08	cps
Terbium	159-2	6922836	6911945	6907138	6913973	0.12	cps
Thallium	203-1	8373324	8288304	8372616	8344748	0.59	cps
Thallium	205-1	19680663	19836589	19812324	19776525	0.42	cps
Tin	118-1	6776122	6776249	6726473	6759615	0.42	cps
Titanium	47-1	10610642	10830657	10726507	10722602	1.03	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:33:39	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28219015	28527133	28087088	28277745	0.80	cps
Vanadium	51-2	2552935	2547983	2520759	2540559	0.68	cps
Yttrium	89-1	12915373	12863484	12983092	12920650	0.46	cps
Yttrium	89-2	2816187	2820784	2822757	2819909	0.12	cps
Zinc	66-2	5035869	4948593	5017288	5000583	0.92	cps
Zirconium	90-1	13746458	13780416	13908454	13811776	0.62	cps
Zirconium	91-1	3074270	3083912	3090871	3083018	0.27	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:36:26	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17738670	17773083	17768575	17760109	0.11	cps
Antimony	121-1	6982	7329	7015	7108	2.69	cps
Arsenic	75-2	120	167	113	133	21.80	cps
Barium	135-1	7152	6572	6078	6600	8.14	cps
Barium	137-1	12469	11418	10511	11466	8.55	cps
Beryllium	9-1	1010	890	667	856	20.37	cps
Bismuth	209-1	5392556	5275384	5189222	5285721	1.93	cps
Bismuth	209-2	3949743	4008516	3945248	3967836	0.89	cps
Bromine	81-1	10574	12729	13713	12339	13.01	cps
Bromine	81-2	603	490	613	569	12.04	cps
Cadmium	108-1	133	123	93	117	17.85	cps
Cadmium	106-1	4537	4924	4524	4662	4.87	cps
Cadmium	111-1	4390	4617	4278	4428	3.90	cps
Calcium	43-1	10894418	11115531	10881612	10963854	1.20	cps
Calcium	44-1	174425964	175971037	173206331	174534444	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8369	8482	8346	8399	0.87	cps
Cobalt	59-2	12829	12862	12365	12685	2.19	cps
Copper	63-2	10087	8956	9073	9372	6.64	cps
Dysprosium	156-1	1770	1573	1617	1653	6.25	cps
Dysprosium	156-2	1170	1183	1163	1172	0.87	cps
Erbium	164-1	283	317	283	294	6.54	cps
Erbium	164-2	210	190	183	194	7.14	cps
Gadolinium	160-1	1720	1783	2040	1848	9.17	cps
Gadolinium	160-2	1713	1553	1550	1606	5.81	cps
Holmium	165-1	10071135	9844705	9529632	9815157	2.77	cps
Holmium	165-2	6326724	6290752	6340754	6319410	0.41	cps
Indium	115-1	6964679	7002576	6771730	6912995	1.79	cps
Indium	115-2	2149923	2157425	2159857	2155735	0.24	cps
Iron	56-2	566959192	573946765	570796791	570567583	0.61	cps
Iron	57-2	14334116	14415923	14362959	14370999	0.29	cps
Iron	54-2	31412839	31510092	31560328	31494420	0.24	cps
Krypton	83-1	170	240	247	219	19.40	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:36:26	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19350	17708	16043	17701	9.34	cps
Lead	207-1	16937	15165	14284	15462	8.74	cps
Lead	208-1	77667	70890	63722	70760	9.86	cps
Lithium	6-1	2735959	2795765	2741938	2757887	1.19	cps
Magnesium	24-2	169066391	169199357	168708101	168991283	0.15	cps
Manganese	55-2	11117	11542	10714	11124	3.72	cps
Molybdenum	94-1	11898	11398	10124	11140	8.21	cps
Molybdenum	95-1	17484	18785	18295	18188	3.61	cps
Molybdenum	96-1	19677	17514	15565	17585	11.70	cps
Molybdenum	97-1	9456	8949	7465	8624	12.00	cps
Molybdenum	98-1	22250	19440	15331	19007	18.31	cps
Neodymium	150-1	283	367	277	309	16.24	cps
Neodymium	150-2	200	217	130	182	25.24	cps
Nickel	60-2	3520	3807	3737	3688	4.05	cps
Phosphorus	31-2	337	347	420	368	12.37	cps
Potassium	39-2	81446022	81601712	82231602	81759779	0.51	cps
Rhodium	103-1	6020321	6001899	5839327	5953849	1.67	cps
Rhodium	103-2	3286459	3268546	3270669	3275225	0.30	cps
Scandium	45-1	4557633	4652087	4544250	4584657	1.28	cps
Scandium	45-2	351413	351063	348044	350173	0.53	cps
Selenium	82-1	993	927	890	937	5.55	cps
Selenium	77-2	47	73	50	57	25.64	cps
Selenium	78-2	333	320	270	308	10.85	cps
Silicon	28-1	1414180	1451449	1393993	1419874	2.05	cps
Silver	107-1	3751	3117	2694	3187	16.69	cps
Silver	109-1	3781	3174	2687	3214	17.05	cps
Sodium	23-2	272868523	272171936	270579629	271873363	0.43	cps
Strontium	86-1	20131	16776	13353	16753	20.23	cps
Strontium	88-1	171673	146731	115539	144648	19.44	cps
Sulfur	34-1	242251	253317	256989	250852	3.06	cps
Terbium	159-1	10087004	9872364	9711089	9890152	1.91	cps
Terbium	159-2	6239879	6186777	6133883	6186846	0.86	cps
Thallium	203-1	3017	2647	2230	2631	14.96	cps
Thallium	205-1	7349	6285	5258	6297	16.60	cps
Tin	118-1	5381	5024	4541	4982	8.47	cps
Titanium	47-1	3580	3224	2834	3213	11.63	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:36:26	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11325	10314	8940	10193	11.75	cps
Vanadium	51-2	813	680	627	707	13.61	cps
Yttrium	89-1	11820955	11925826	11491540	11746107	1.93	cps
Yttrium	89-2	2633816	2722613	2639962	2665464	1.86	cps
Zinc	66-2	5018	5098	4701	4939	4.25	cps
Zirconium	90-1	8753	7996	7399	8049	8.43	cps
Zirconium	91-1	1847	1930	1737	1838	5.28	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICV13	Instrumnet Name :	P7
Client Sample ID :	ICV13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:51:58	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98010	97467	98604	98027	0.58	cps
Antimony	121-1	1456456	1478945	1488215	1474539	1.11	cps
Arsenic	75-2	66394	65443	65909	65916	0.72	cps
Barium	135-1	192005	196902	198036	195648	1.64	cps
Barium	137-1	337576	340504	340965	339681	0.54	cps
Beryllium	9-1	241467	243782	243223	242824	0.50	cps
Bismuth	209-1	6526872	6519359	6445705	6497312	0.69	cps
Bismuth	209-2	4851423	4834315	4855252	4846997	0.23	cps
Bromine	81-1	6848	6928	6528	6768	3.13	cps
Bromine	81-2	33	50	47	43	20.36	cps
Cadmium	108-1	23526	24157	23870	23851	1.32	cps
Cadmium	106-1	39698	40249	39794	39914	0.74	cps
Cadmium	111-1	211538	216214	214524	214092	1.11	cps
Calcium	43-1	53363	54280	53946	53863	0.86	cps
Calcium	44-1	821170	827936	829486	826197	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	296550	295012	297315	296292	0.40	cps
Cobalt	59-2	454154	449179	447133	450155	0.80	cps
Copper	63-2	314334	311710	310936	312326	0.57	cps
Dysprosium	156-1	17	30	20	22	31.22	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	150	77	93	107	36.04	cps
Erbium	164-2	30	53	37	40	30.04	cps
Gadolinium	160-1	60	70	47	59	19.88	cps
Gadolinium	160-2	393	340	330	354	9.61	cps
Holmium	165-1	10607625	10460287	10329687	10465866	1.33	cps
Holmium	165-2	6850156	6890054	6875414	6871875	0.29	cps
Indium	115-1	7803731	7694872	7673276	7723960	0.91	cps
Indium	115-2	2380332	2364934	2374131	2373132	0.33	cps
Iron	56-2	5038384	4992490	5031193	5020689	0.49	cps
Iron	57-2	134327	133345	132061	133244	0.85	cps
Iron	54-2	302583	304116	301723	302807	0.40	cps
Krypton	83-1	183	150	177	170	10.38	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICV13	Instrumnet Name :	P7
Client Sample ID :	ICV13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:51:58	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1418254	1452346	1454762	1441787	1.42	cps
Lead	207-1	1207251	1232458	1226872	1222194	1.08	cps
Lead	208-1	5772454	5904300	5892545	5856433	1.25	cps
Lithium	6-1	3218871	3120110	3092360	3143780	2.12	cps
Magnesium	24-2	419724	421004	416418	419049	0.56	cps
Manganese	55-2	217218	215318	214416	215651	0.66	cps
Molybdenum	94-1	12821865	12996630	12894441	12904312	0.68	cps
Molybdenum	95-1	18393398	18655163	18723182	18590581	0.94	cps
Molybdenum	96-1	20286381	20349452	20316726	20317520	0.16	cps
Molybdenum	97-1	11483821	11595423	11615937	11565060	0.61	cps
Molybdenum	98-1	29952163	30257194	29943716	30051024	0.59	cps
Neodymium	150-1	30	27	13	23	37.81	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	117768	115779	115571	116372	1.04	cps
Phosphorus	31-2	277	283	290	283	2.35	cps
Potassium	39-2	746385	742901	748921	746069	0.41	cps
Rhodium	103-1	7256647	7070565	7041808	7123007	1.64	cps
Rhodium	103-2	4000506	3908008	3861777	3923430	1.80	cps
Scandium	45-1	5064828	4906876	4855669	4942457	2.21	cps
Scandium	45-2	368503	368945	365437	367628	0.52	cps
Selenium	82-1	24939	25867	25544	25450	1.85	cps
Selenium	77-2	2100	2090	2094	2095	0.24	cps
Selenium	78-2	7048	6965	7182	7065	1.55	cps
Silicon	28-1	3917115	3953591	3985881	3952196	0.87	cps
Silver	107-1	453225	464120	469868	462404	1.83	cps
Silver	109-1	431673	440922	443181	438592	1.39	cps
Sodium	23-2	1152419	1176973	1161931	1163774	1.06	cps
Strontium	86-1	1237096	1256117	1250213	1247809	0.78	cps
Strontium	88-1	10849097	11067054	10786610	10900920	1.35	cps
Sulfur	34-1	260525	253885	248526	254312	2.36	cps
Terbium	159-1	10806539	10552843	10580595	10646659	1.31	cps
Terbium	159-2	6755007	6755871	6708346	6739741	0.40	cps
Thallium	203-1	1659169	1690638	1702216	1684008	1.32	cps
Thallium	205-1	4191545	4153972	4201456	4182325	0.60	cps
Tin	118-1	3246756	3262934	3267755	3259148	0.34	cps
Titanium	47-1	5190702	5277141	5152335	5206726	1.23	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICV13	Instrumnet Name :	P7
Client Sample ID :	ICV13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:51:58	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13972040	14417739	14286140	14225306	1.61	cps
Vanadium	51-2	245034	243402	242745	243727	0.48	cps
Yttrium	89-1	12814888	12655715	12435345	12635316	1.51	cps
Yttrium	89-2	2802787	2755560	2767868	2775405	0.88	cps
Zinc	66-2	107453	107298	106852	107201	0.29	cps
Zirconium	90-1	6352561	6502985	6474668	6443405	1.24	cps
Zirconium	91-1	1446262	1461065	1473491	1460273	0.93	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:58:21	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4014	4017	4074	4035	0.84	cps
Antimony	121-1	15135	15111	15388	15211	1.01	cps
Arsenic	75-2	283	300	383	322	16.63	cps
Barium	135-1	19287	19597	18792	19225	2.11	cps
Barium	137-1	32841	33055	33479	33125	0.98	cps
Beryllium	9-1	2514	2727	2737	2659	4.74	cps
Bismuth	209-1	6478671	6456340	6553116	6496042	0.78	cps
Bismuth	209-2	4939811	4924598	4873775	4912728	0.70	cps
Bromine	81-1	7142	7225	7085	7151	0.99	cps
Bromine	81-2	53	73	77	68	18.62	cps
Cadmium	108-1	157	127	123	136	13.54	cps
Cadmium	106-1	4734	4894	4934	4854	2.18	cps
Cadmium	111-1	5054	5331	5584	5323	4.98	cps
Calcium	43-1	12575	12802	12465	12614	1.36	cps
Calcium	44-1	210503	212375	211611	211496	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6862	7035	7115	7004	1.85	cps
Cobalt	59-2	4731	4888	4888	4835	1.87	cps
Copper	63-2	9080	8779	8816	8892	1.84	cps
Dysprosium	156-1	3	3	10	6	69.34	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	100	90	70	87	17.63	cps
Erbium	164-2	47	47	70	54	24.74	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	403	420	370	398	6.40	cps
Holmium	165-1	10509432	10455407	10353897	10439579	0.76	cps
Holmium	165-2	6949817	6903970	6740105	6864631	1.61	cps
Indium	115-1	7896809	8002491	7860676	7919992	0.93	cps
Indium	115-2	2484186	2501444	2424334	2469988	1.64	cps
Iron	56-2	141730	141949	141380	141686	0.20	cps
Iron	57-2	4237	4141	4271	4216	1.60	cps
Iron	54-2	8963	8919	8623	8835	2.10	cps
Krypton	83-1	157	180	167	168	6.98	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:58:21	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6688	6758	6685	6711	0.62	cps
Lead	207-1	6101	5815	5685	5867	3.64	cps
Lead	208-1	27308	27575	26467	27116	2.13	cps
Lithium	6-1	3149948	3115470	3204161	3156526	1.42	cps
Magnesium	24-2	187599	186209	185770	186526	0.51	cps
Manganese	55-2	2280	2367	2344	2330	1.93	cps
Molybdenum	94-1	15732	15715	15702	15716	0.10	cps
Molybdenum	95-1	19033	19032	19440	19168	1.23	cps
Molybdenum	96-1	21039	20454	21145	20879	1.78	cps
Molybdenum	97-1	11731	11905	11648	11761	1.11	cps
Molybdenum	98-1	30452	31020	30014	30495	1.65	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1437	1313	1370	1373	4.50	cps
Phosphorus	31-2	730	623	530	628	15.94	cps
Potassium	39-2	230086	229738	225986	228603	0.99	cps
Rhodium	103-1	7198924	7147307	7051757	7132662	1.05	cps
Rhodium	103-2	4032718	4037034	3984224	4017992	0.73	cps
Scandium	45-1	5000924	4953318	4994113	4982785	0.52	cps
Scandium	45-2	374602	373016	372366	373328	0.31	cps
Selenium	82-1	914	893	826	878	5.23	cps
Selenium	77-2	43	47	53	48	10.66	cps
Selenium	78-2	303	230	233	256	16.20	cps
Silicon	28-1	1316599	1296386	1296344	1303110	0.90	cps
Silver	107-1	9480	9570	9860	9637	2.06	cps
Silver	109-1	9013	9086	8819	8973	1.54	cps
Sodium	23-2	331171	324936	327454	327854	0.96	cps
Strontium	86-1	2607	2690	2764	2687	2.92	cps
Strontium	88-1	21676	21045	22157	21626	2.58	cps
Sulfur	34-1	260663	262343	260112	261039	0.45	cps
Terbium	159-1	10649244	10647385	10621191	10639273	0.15	cps
Terbium	159-2	6752847	6836292	6691259	6760133	1.08	cps
Thallium	203-1	7962	7799	7505	7756	2.99	cps
Thallium	205-1	17722	18342	18092	18052	1.73	cps
Tin	118-1	32236	32226	32757	32406	0.94	cps
Titanium	47-1	5358	5474	5471	5434	1.22	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 14:58:21	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23881	23608	23467	23652	0.89	cps
Vanadium	51-2	12545	12419	12846	12603	1.74	cps
Yttrium	89-1	12712854	12723760	12690651	12709088	0.13	cps
Yttrium	89-2	2837493	2846313	2828332	2837379	0.32	cps
Zinc	66-2	3087	2947	2924	2986	2.96	cps
Zirconium	90-1	13036	13500	13283	13273	1.75	cps
Zirconium	91-1	2920	2930	2690	2847	4.77	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICB13	Instrumnet Name :	P7
Client Sample ID :	ICB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:01:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	137	147	146	5.76	cps
Antimony	121-1	200	283	230	238	17.75	cps
Arsenic	75-2	3	3	10	6	69.34	cps
Barium	135-1	23	13	23	20	28.87	cps
Barium	137-1	40	43	30	38	18.36	cps
Beryllium	9-1	147	220	173	180	20.62	cps
Bismuth	209-1	6413301	6470534	6562606	6482147	1.16	cps
Bismuth	209-2	4969281	4878687	4960498	4936155	1.01	cps
Bromine	81-1	6968	7329	6832	7043	3.64	cps
Bromine	81-2	50	63	60	58	12.01	cps
Cadmium	108-1	23	13	10	16	44.60	cps
Cadmium	106-1	4934	4808	5001	4914	2.00	cps
Cadmium	111-1	3448	3386	3510	3448	1.80	cps
Calcium	43-1	500	533	550	528	4.82	cps
Calcium	44-1	18141	17767	17253	17720	2.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	977	1060	1063	1033	4.75	cps
Cobalt	59-2	67	70	73	70	4.76	cps
Copper	63-2	2644	2760	2754	2719	2.41	cps
Dysprosium	156-1	3	3	10	6	69.34	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	140	117	63	107	36.85	cps
Erbium	164-2	37	50	37	41	18.72	cps
Gadolinium	160-1	30	27	40	32	21.53	cps
Gadolinium	160-2	383	423	377	394	6.40	cps
Holmium	165-1	10421399	10417472	10757499	10532123	1.85	cps
Holmium	165-2	6957442	6945852	6845962	6916419	0.89	cps
Indium	115-1	7978806	8005510	7910464	7964927	0.62	cps
Indium	115-2	2476526	2479371	2485137	2480345	0.18	cps
Iron	56-2	5988	5861	6111	5987	2.09	cps
Iron	57-2	633	587	547	589	7.37	cps
Iron	54-2	930	980	1010	973	4.15	cps
Krypton	83-1	180	120	97	132	32.51	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICB13	Instrumnet Name :	P7
Client Sample ID :	ICB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:01:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	790	760	727	759	4.17	cps
Lead	207-1	700	690	633	674	5.33	cps
Lead	208-1	3180	3097	3100	3126	1.51	cps
Lithium	6-1	2987202	3091139	3097385	3058576	2.02	cps
Magnesium	24-2	263	273	330	289	12.45	cps
Manganese	55-2	110	80	107	99	16.63	cps
Molybdenum	94-1	230	267	243	247	7.52	cps
Molybdenum	95-1	150	147	157	151	3.37	cps
Molybdenum	96-1	207	160	190	186	12.75	cps
Molybdenum	97-1	87	77	110	91	18.77	cps
Molybdenum	98-1	217	217	260	231	10.83	cps
Neodymium	150-1	3	20	7	10	88.20	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	103	130	110	114	12.13	cps
Phosphorus	31-2	343	373	333	350	5.95	cps
Potassium	39-2	52768	53380	52707	52952	0.70	cps
Rhodium	103-1	7328248	7230031	7309791	7289357	0.72	cps
Rhodium	103-2	4017472	4047912	4074335	4046573	0.70	cps
Scandium	45-1	4914429	5001891	4993721	4970014	0.97	cps
Scandium	45-2	378406	377822	378551	378260	0.10	cps
Selenium	82-1	290	308	379	326	14.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	103	103	97	101	3.80	cps
Silicon	28-1	1282735	1312877	1228530	1274714	3.35	cps
Silver	107-1	210	223	203	212	4.80	cps
Silver	109-1	177	160	163	167	5.29	cps
Sodium	23-2	29138	29278	29181	29199	0.25	cps
Strontium	86-1	303	250	290	281	9.87	cps
Strontium	88-1	243	187	217	216	13.15	cps
Sulfur	34-1	264308	267445	264213	265322	0.69	cps
Terbium	159-1	10733121	10608216	10728858	10690065	0.66	cps
Terbium	159-2	6893224	6953649	6797743	6881539	1.14	cps
Thallium	203-1	270	300	283	284	5.28	cps
Thallium	205-1	623	697	613	644	7.06	cps
Tin	118-1	867	833	773	824	5.74	cps
Titanium	47-1	107	90	140	112	22.69	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICB13	Instrumnet Name :	P7
Client Sample ID :	ICB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:01:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	40	33	42	24.12	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	12683787	12819126	13022657	12841857	1.33	cps
Yttrium	89-2	2900240	2843965	2883465	2875890	1.00	cps
Zinc	66-2	353	323	297	324	8.74	cps
Zirconium	90-1	430	520	623	524	18.45	cps
Zirconium	91-1	117	123	67	102	30.30	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSA13	Instrumnet Name :	P7
Client Sample ID :	ICSA13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:04:53	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18220843	18502136	18480797	18401259	0.85	cps
Antimony	121-1	9046	9206	9610	9288	3.13	cps
Arsenic	75-2	93	123	157	124	25.46	cps
Barium	135-1	2937	2944	3030	2970	1.75	cps
Barium	137-1	4861	4654	5114	4876	4.73	cps
Beryllium	9-1	677	910	793	793	14.71	cps
Bismuth	209-1	6291884	6348305	6399981	6346723	0.85	cps
Bismuth	209-2	4765511	4789133	4807738	4787461	0.44	cps
Bromine	81-1	8102	8603	8593	8432	3.39	cps
Bromine	81-2	173	183	190	182	4.60	cps
Cadmium	108-1	1677	1653	1610	1647	2.05	cps
Cadmium	106-1	4734	4707	4684	4709	0.53	cps
Cadmium	111-1	4214	4008	4095	4106	2.51	cps
Calcium	43-1	2294077	2342233	2312907	2316406	1.05	cps
Calcium	44-1	36566439	36928750	36365550	36620247	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61816	61163	60270	61083	1.27	cps
Cobalt	59-2	5474	5995	5591	5687	4.80	cps
Copper	63-2	34202	32886	32873	33320	2.29	cps
Dysprosium	156-1	23	57	60	47	43.45	cps
Dysprosium	156-2	23	53	47	41	38.32	cps
Erbium	164-1	103	147	140	130	17.95	cps
Erbium	164-2	53	73	63	63	15.79	cps
Gadolinium	160-1	70	103	80	84	20.25	cps
Gadolinium	160-2	393	427	377	399	6.38	cps
Holmium	165-1	10932993	11026725	11076079	11011932	0.66	cps
Holmium	165-2	7190011	7255168	7134347	7193175	0.84	cps
Indium	115-1	7762426	7931169	7903539	7865711	1.15	cps
Indium	115-2	2431854	2423053	2478015	2444308	1.21	cps
Iron	56-2	253312136	253493156	252609903	253138398	0.18	cps
Iron	57-2	6323481	6315384	6317224	6318697	0.07	cps
Iron	54-2	14009941	14083115	13989175	14027410	0.35	cps
Krypton	83-1	163	143	180	162	11.31	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSA13	Instrumnet Name :	P7
Client Sample ID :	ICSA13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:04:53	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31513	31232	30902	31216	0.98	cps
Lead	207-1	25941	25835	24642	25473	2.83	cps
Lead	208-1	121180	118465	116601	118749	1.94	cps
Lithium	6-1	3027069	2994402	3014448	3011973	0.55	cps
Magnesium	24-2	34221211	34104054	34010178	34111814	0.31	cps
Manganese	55-2	17941	17724	17437	17701	1.43	cps
Molybdenum	94-1	4233613	4293947	4311952	4279837	0.96	cps
Molybdenum	95-1	7460974	7538957	7577359	7525764	0.79	cps
Molybdenum	96-1	7958819	7997502	8062395	8006239	0.65	cps
Molybdenum	97-1	4622866	4741345	4734731	4699647	1.42	cps
Molybdenum	98-1	12108176	12118366	12176904	12134482	0.31	cps
Neodymium	150-1	57	30	23	37	48.11	cps
Neodymium	150-2	30	27	10	22	48.22	cps
Nickel	60-2	6588	6635	6348	6524	2.36	cps
Phosphorus	31-2	978435	983653	979780	980622	0.28	cps
Potassium	39-2	34039179	33988251	33929916	33985782	0.16	cps
Rhodium	103-1	6850691	6940486	6977927	6923035	0.94	cps
Rhodium	103-2	3864163	3881270	3858619	3868017	0.31	cps
Scandium	45-1	4994828	5023893	4950628	4989783	0.74	cps
Scandium	45-2	378803	378542	382093	379813	0.52	cps
Selenium	82-1	292	306	299	299	2.31	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	130	77	87	98	28.99	cps
Silicon	28-1	1406534	1427004	1470467	1434668	2.28	cps
Silver	107-1	650	483	547	560	15.02	cps
Silver	109-1	503	477	493	491	2.74	cps
Sodium	23-2	59070356	59229646	58759001	59019667	0.41	cps
Strontium	86-1	84360	86036	86019	85472	1.13	cps
Strontium	88-1	746896	746927	754855	749559	0.61	cps
Sulfur	34-1	4206992	4193454	4140415	4180287	0.84	cps
Terbium	159-1	11072046	11182342	11261487	11171958	0.85	cps
Terbium	159-2	7044379	7081032	7028344	7051252	0.38	cps
Thallium	203-1	1323	1477	1650	1483	11.02	cps
Thallium	205-1	3130	3287	3637	3352	7.74	cps
Tin	118-1	3024	2827	2204	2685	15.95	cps
Titanium	47-1	2221599	2199015	2210236	2210284	0.51	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSA13	Instrumnet Name :	P7
Client Sample ID :	ICSA13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:04:53	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	450	497	493	480	5.42	cps
Vanadium	51-2	557	543	593	564	4.59	cps
Yttrium	89-1	12898142	12855839	13010414	12921465	0.62	cps
Yttrium	89-2	2890768	2886008	2917308	2898028	0.58	cps
Zinc	66-2	6131	6005	6195	6110	1.58	cps
Zirconium	90-1	613	750	733	699	10.67	cps
Zirconium	91-1	147	167	163	159	6.74	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSAB13	Instrumnet Name :	P7
Client Sample ID :	ICSAB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:07:54	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18684195	18637350	18548982	18623509	0.37	cps
Antimony	121-1	167017	169600	170585	169067	1.09	cps
Arsenic	75-2	7172	7175	6992	7113	1.48	cps
Barium	135-1	45071	44312	45058	44814	0.97	cps
Barium	137-1	78324	78381	78907	78537	0.41	cps
Beryllium	9-1	48211	48532	48000	48248	0.55	cps
Bismuth	209-1	6573220	6618112	6557487	6582940	0.48	cps
Bismuth	209-2	4929218	4804138	4803368	4845575	1.49	cps
Bromine	81-1	8913	8606	9130	8883	2.96	cps
Bromine	81-2	113	120	157	130	17.95	cps
Cadmium	108-1	4808	4727	4821	4785	1.06	cps
Cadmium	106-1	10014	9813	9790	9872	1.24	cps
Cadmium	111-1	45926	45748	46007	45894	0.29	cps
Calcium	43-1	2369060	2364346	2403046	2378817	0.89	cps
Calcium	44-1	37646375	37746648	37930909	37774644	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125218	121928	124562	123903	1.41	cps
Cobalt	59-2	97484	97108	97222	97271	0.20	cps
Copper	63-2	94663	95039	94513	94738	0.29	cps
Dysprosium	156-1	50	30	53	44	28.39	cps
Dysprosium	156-2	27	23	37	29	24.03	cps
Erbium	164-1	203	100	120	141	38.84	cps
Erbium	164-2	70	60	83	71	16.46	cps
Gadolinium	160-1	73	67	70	70	4.76	cps
Gadolinium	160-2	397	400	310	369	13.83	cps
Holmium	165-1	11348280	11415096	11394050	11385809	0.30	cps
Holmium	165-2	7344745	7293256	7334909	7324303	0.37	cps
Indium	115-1	8055637	8152114	8125564	8111105	0.61	cps
Indium	115-2	2485350	2455821	2512662	2484611	1.14	cps
Iron	56-2	260905749	260825909	260240656	260657438	0.14	cps
Iron	57-2	6412663	6523283	6448100	6461349	0.87	cps
Iron	54-2	14408278	14295443	14272197	14325306	0.51	cps
Krypton	83-1	143	163	207	171	18.92	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSAB13	Instrumnet Name :	P7
Client Sample ID :	ICSAB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:07:54	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	190430	194437	193027	192631	1.06	cps
Lead	207-1	164310	163346	163952	163869	0.30	cps
Lead	208-1	748674	750930	750864	750156	0.17	cps
Lithium	6-1	3007773	2997316	2923722	2976271	1.54	cps
Magnesium	24-2	34766884	34724579	34462847	34651437	0.48	cps
Manganese	55-2	61923	61810	62941	62225	1.00	cps
Molybdenum	94-1	4705817	4718273	4772533	4732208	0.75	cps
Molybdenum	95-1	7913108	7993763	7923860	7943577	0.55	cps
Molybdenum	96-1	8464161	8650306	8447502	8520656	1.32	cps
Molybdenum	97-1	4917511	4963580	4996420	4959170	0.80	cps
Molybdenum	98-1	12626850	12841527	12836170	12768182	0.96	cps
Neodymium	150-1	60	43	63	56	19.29	cps
Neodymium	150-2	23	20	23	22	8.65	cps
Nickel	60-2	29656	29669	29572	29633	0.18	cps
Phosphorus	31-2	1004526	1001199	1004647	1003457	0.19	cps
Potassium	39-2	34437653	34701975	34677979	34605869	0.42	cps
Rhodium	103-1	7074951	7146412	7165448	7128937	0.67	cps
Rhodium	103-2	3994610	3964837	4020051	3993166	0.69	cps
Scandium	45-1	5114381	5124023	5149178	5129194	0.35	cps
Scandium	45-2	390071	386391	391167	389210	0.64	cps
Selenium	82-1	2906	2889	2933	2909	0.77	cps
Selenium	77-2	230	190	243	221	12.55	cps
Selenium	78-2	787	713	860	787	9.32	cps
Silicon	28-1	1678752	1667660	1676512	1674308	0.35	cps
Silver	107-1	189348	192319	194485	192050	1.34	cps
Silver	109-1	182429	182727	182739	182631	0.10	cps
Sodium	23-2	60044182	59467821	59596204	59702736	0.51	cps
Strontium	86-1	202503	208174	205074	205250	1.38	cps
Strontium	88-1	1769267	1801998	1815069	1795445	1.31	cps
Sulfur	34-1	4217723	4172300	4243135	4211053	0.85	cps
Terbium	159-1	11519013	11712454	11633835	11621767	0.84	cps
Terbium	159-2	7210593	7272294	7172626	7218505	0.70	cps
Thallium	203-1	184538	184911	185206	184885	0.18	cps
Thallium	205-1	435546	435715	437884	436382	0.30	cps
Tin	118-1	293635	295611	298614	295953	0.85	cps
Titanium	47-1	2287310	2294791	2305757	2295953	0.40	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	ICSAB13	Instrumnet Name :	P7
Client Sample ID :	ICSAB13	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:07:54	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1130729	1132014	1138982	1133908	0.39	cps
Vanadium	51-2	52444	52668	52264	52459	0.39	cps
Yttrium	89-1	13459926	13446574	13573143	13493214	0.52	cps
Yttrium	89-2	2957427	2954379	2956025	2955944	0.05	cps
Zinc	66-2	17621	17367	17544	17510	0.74	cps
Zirconium	90-1	608731	610866	619641	613079	0.94	cps
Zirconium	91-1	137093	138620	137945	137886	0.56	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:10:56	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9600145	9606042	9654358	9620182	0.31	cps
Antimony	121-1	3836672	3899062	3922397	3886044	1.14	cps
Arsenic	75-2	174172	175284	174701	174719	0.32	cps
Barium	135-1	5248601	5360164	5279002	5295922	1.09	cps
Barium	137-1	9101950	9062244	9135520	9099905	0.40	cps
Beryllium	9-1	1119918	1116492	1103501	1113303	0.78	cps
Bismuth	209-1	6272216	6263059	6072151	6202475	1.82	cps
Bismuth	209-2	4577974	4606903	4569316	4584731	0.43	cps
Bromine	81-1	9070	9777	10130	9659	5.59	cps
Bromine	81-2	180	190	203	191	6.13	cps
Cadmium	108-1	77455	78863	77552	77957	1.01	cps
Cadmium	106-1	113284	115078	113291	113884	0.91	cps
Cadmium	111-1	1043214	1047669	1040684	1043855	0.34	cps
Calcium	43-1	6029715	6081545	6061931	6057730	0.43	cps
Calcium	44-1	94591055	95894482	94704182	95063240	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1488827	1497369	1479233	1488476	0.61	cps
Cobalt	59-2	2328623	2324591	2348403	2333872	0.55	cps
Copper	63-2	15611660	15789367	15614657	15671894	0.65	cps
Dysprosium	156-1	1120	977	1057	1051	6.83	cps
Dysprosium	156-2	893	843	920	886	4.40	cps
Erbium	164-1	240	333	300	291	16.25	cps
Erbium	164-2	207	170	223	200	13.64	cps
Gadolinium	160-1	1073	1033	1107	1071	3.43	cps
Gadolinium	160-2	1073	1090	1057	1073	1.55	cps
Holmium	165-1	11094818	11173758	10861812	11043463	1.47	cps
Holmium	165-2	7101692	7180422	7138979	7140364	0.55	cps
Indium	115-1	7840685	7922322	7684688	7815898	1.54	cps
Indium	115-2	2365639	2409710	2422003	2399117	1.24	cps
Iron	56-2	326680668	323615302	324581075	324959015	0.48	cps
Iron	57-2	8022089	8107684	8058201	8062658	0.53	cps
Iron	54-2	18015934	17906948	18004585	17975823	0.33	cps
Krypton	83-1	207	157	167	177	14.98	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:10:56	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16471540	16620918	16423663	16505374	0.62	cps
Lead	207-1	14427718	14812365	14462201	14567428	1.46	cps
Lead	208-1	65860112	66673150	65679333	66070865	0.80	cps
Lithium	6-1	2868866	2829514	2841642	2846674	0.71	cps
Magnesium	24-2	92809202	92057672	93384875	92750583	0.72	cps
Manganese	55-2	10706230	10703444	10710269	10706648	0.03	cps
Molybdenum	94-1	14359325	14411496	14395939	14388920	0.19	cps
Molybdenum	95-1	20663053	20676050	20774178	20704427	0.29	cps
Molybdenum	96-1	22589969	22656372	22745620	22663987	0.34	cps
Molybdenum	97-1	12859606	12938022	12898732	12898787	0.30	cps
Molybdenum	98-1	33264255	33415906	33318933	33333031	0.23	cps
Neodymium	150-1	577	663	560	600	9.25	cps
Neodymium	150-2	197	147	153	166	16.40	cps
Nickel	60-2	583026	583567	579903	582165	0.34	cps
Phosphorus	31-2	101712	102013	101900	101875	0.15	cps
Potassium	39-2	43887629	44023689	43949348	43953555	0.15	cps
Rhodium	103-1	6770352	6935153	6695505	6800337	1.80	cps
Rhodium	103-2	3761753	3848127	3798650	3802844	1.14	cps
Scandium	45-1	4998093	5040261	4980491	5006282	0.61	cps
Scandium	45-2	382981	385583	383818	384127	0.35	cps
Selenium	82-1	65159	65272	65408	65280	0.19	cps
Selenium	77-2	5268	5371	5448	5362	1.69	cps
Selenium	78-2	18265	18278	17951	18165	1.02	cps
Silicon	28-1	38024266	38361819	38337822	38241302	0.49	cps
Silver	107-1	4928135	4949895	4974087	4950705	0.46	cps
Silver	109-1	4736627	4826994	4748658	4770760	1.03	cps
Sodium	23-2	149286088	149700198	148159051	149048446	0.54	cps
Strontium	86-1	32935833	32721350	32971428	32876204	0.41	cps
Strontium	88-1	287546856	289396709	291630549	289524705	0.71	cps
Sulfur	34-1	642914	644228	635591	640911	0.73	cps
Terbium	159-1	11171639	11246785	11036539	11151654	0.96	cps
Terbium	159-2	6937482	6951208	6884981	6924557	0.50	cps
Thallium	203-1	4060735	4016403	4072229	4049789	0.73	cps
Thallium	205-1	9559482	9477842	9427550	9488291	0.70	cps
Tin	118-1	3300915	3349340	3357539	3335931	0.92	cps
Titanium	47-1	5393970	5419033	5371599	5394867	0.44	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:10:56	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13831869	13840730	13595831	13756143	1.01	cps
Vanadium	51-2	1285694	1306791	1292387	1294957	0.83	cps
Yttrium	89-1	13213830	13305774	13058864	13192823	0.95	cps
Yttrium	89-2	2865875	2929926	2879569	2891790	1.17	cps
Zinc	66-2	2540119	2592230	2587912	2573420	1.12	cps
Zirconium	90-1	7025919	7038696	7063188	7042601	0.27	cps
Zirconium	91-1	1580100	1564324	1564040	1569488	0.59	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:21:33	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	153	170	170	9.80	cps
Antimony	121-1	277	340	267	294	13.51	cps
Arsenic	75-2	3	3	17	8	99.04	cps
Barium	135-1	50	20	30	33	45.83	cps
Barium	137-1	47	20	47	38	40.76	cps
Beryllium	9-1	183	150	113	149	23.52	cps
Bismuth	209-1	6884443	7039388	7021428	6981753	1.21	cps
Bismuth	209-2	5248890	5274406	5191304	5238200	0.81	cps
Bromine	81-1	8839	9443	9016	9100	3.41	cps
Bromine	81-2	83	127	113	108	20.60	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	106-1	5288	5261	5181	5243	1.06	cps
Cadmium	111-1	3719	3710	3641	3690	1.16	cps
Calcium	43-1	633	600	537	590	8.32	cps
Calcium	44-1	18511	18638	18762	18637	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1187	1180	1263	1210	3.83	cps
Cobalt	59-2	83	117	43	81	45.27	cps
Copper	63-2	3577	3534	3524	3545	0.80	cps
Dysprosium	156-1	0	7	10	6	91.64	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	93	93	87	91	4.22	cps
Erbium	164-2	50	73	47	57	25.64	cps
Gadolinium	160-1	33	43	53	43	23.08	cps
Gadolinium	160-2	360	343	393	366	6.96	cps
Holmium	165-1	11376951	11566151	11698353	11547151	1.40	cps
Holmium	165-2	7495838	7476261	7475956	7482685	0.15	cps
Indium	115-1	8771817	8653346	8898007	8774390	1.39	cps
Indium	115-2	2663465	2715503	2731901	2703623	1.32	cps
Iron	56-2	7515	7775	7665	7652	1.71	cps
Iron	57-2	673	740	867	760	12.92	cps
Iron	54-2	1123	1100	1163	1129	2.84	cps
Krypton	83-1	183	180	197	187	4.72	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:21:33	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	983	1033	1080	1032	4.68	cps
Lead	207-1	857	953	893	901	5.42	cps
Lead	208-1	4160	4237	4144	4180	1.19	cps
Lithium	6-1	2937050	2990974	2908165	2945396	1.43	cps
Magnesium	24-2	483	463	510	486	4.82	cps
Manganese	55-2	143	177	190	170	14.14	cps
Molybdenum	94-1	307	307	353	322	8.36	cps
Molybdenum	95-1	177	147	170	164	9.58	cps
Molybdenum	96-1	183	227	297	236	24.28	cps
Molybdenum	97-1	100	73	120	98	23.95	cps
Molybdenum	98-1	257	253	307	272	10.97	cps
Neodymium	150-1	20	17	0	12	87.67	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	197	143	170	170	15.68	cps
Phosphorus	31-2	320	313	360	331	7.62	cps
Potassium	39-2	58070	59489	58626	58728	1.22	cps
Rhodium	103-1	8033434	8086947	8279924	8133435	1.59	cps
Rhodium	103-2	4407830	4547401	4549769	4501667	1.81	cps
Scandium	45-1	5327898	5388327	5430817	5382347	0.96	cps
Scandium	45-2	411536	415035	417573	414715	0.73	cps
Selenium	82-1	312	293	350	318	9.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	120	133	143	132	8.86	cps
Silicon	28-1	1329302	1338612	1342993	1336969	0.52	cps
Silver	107-1	153	170	170	164	5.85	cps
Silver	109-1	153	143	150	149	3.42	cps
Sodium	23-2	36349	36780	36179	36436	0.85	cps
Strontium	86-1	290	407	340	346	16.94	cps
Strontium	88-1	507	500	727	578	22.32	cps
Sulfur	34-1	276137	278793	276099	277010	0.56	cps
Terbium	159-1	11814807	11911303	11932145	11886085	0.53	cps
Terbium	159-2	7332381	7318899	7364377	7338552	0.32	cps
Thallium	203-1	567	433	497	499	13.37	cps
Thallium	205-1	1130	1137	1117	1128	0.90	cps
Tin	118-1	990	1070	1871	1311	37.19	cps
Titanium	47-1	117	110	103	110	6.06	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:21:33	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	47	33	34	34.00	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	14084748	14414196	14257696	14252213	1.16	cps
Yttrium	89-2	3135690	3155872	3184253	3158605	0.77	cps
Zinc	66-2	350	280	270	300	14.53	cps
Zirconium	90-1	577	633	650	620	6.20	cps
Zirconium	91-1	117	90	143	117	22.86	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:24:49	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4457	4191	4354	4334	3.10	cps
Antimony	121-1	16837	16953	16920	16903	0.36	cps
Arsenic	75-2	360	397	360	372	5.69	cps
Barium	135-1	21359	22341	21790	21830	2.25	cps
Barium	137-1	37763	38211	38071	38015	0.60	cps
Beryllium	9-1	2644	2414	2760	2606	6.77	cps
Bismuth	209-1	6933580	7079285	6928564	6980476	1.23	cps
Bismuth	209-2	5228078	5169721	5104892	5167564	1.19	cps
Bromine	81-1	9176	9050	9076	9101	0.73	cps
Bromine	81-2	100	77	43	73	38.84	cps
Cadmium	108-1	160	163	190	171	9.61	cps
Cadmium	106-1	5931	5564	5554	5683	3.78	cps
Cadmium	111-1	6490	5968	6105	6188	4.38	cps
Calcium	43-1	14073	14510	14744	14443	2.36	cps
Calcium	44-1	237898	236583	236407	236963	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7989	7819	7469	7759	3.42	cps
Cobalt	59-2	5178	5421	5644	5414	4.31	cps
Copper	63-2	10607	10547	10801	10652	1.24	cps
Dysprosium	156-1	13	7	7	9	43.25	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	73	110	110	98	21.65	cps
Erbium	164-2	67	47	57	57	17.65	cps
Gadolinium	160-1	57	63	40	53	22.53	cps
Gadolinium	160-2	383	420	430	411	5.98	cps
Holmium	165-1	11518608	11518169	11462658	11499812	0.28	cps
Holmium	165-2	7382071	7390420	7317866	7363452	0.54	cps
Indium	115-1	8775168	8867803	9024526	8889165	1.42	cps
Indium	115-2	2743730	2662243	2715170	2707048	1.53	cps
Iron	56-2	161244	159472	161716	160810	0.74	cps
Iron	57-2	4834	4544	4707	4695	3.10	cps
Iron	54-2	9823	9893	10083	9933	1.36	cps
Krypton	83-1	180	160	217	186	15.49	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:24:49	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7222	7509	7139	7290	2.66	cps
Lead	207-1	6785	6742	6495	6674	2.35	cps
Lead	208-1	29860	30243	29366	29823	1.47	cps
Lithium	6-1	2959250	2991402	2870495	2940382	2.13	cps
Magnesium	24-2	208499	206355	208229	207694	0.56	cps
Manganese	55-2	2570	2574	2640	2595	1.52	cps
Molybdenum	94-1	17477	17944	17357	17593	1.76	cps
Molybdenum	95-1	21459	21476	21753	21563	0.77	cps
Molybdenum	96-1	24173	24187	23749	24037	1.03	cps
Molybdenum	97-1	13713	13690	13747	13717	0.21	cps
Molybdenum	98-1	33859	35042	35399	34767	2.32	cps
Neodymium	150-1	10	7	20	12	56.76	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	1500	1503	1560	1521	2.22	cps
Phosphorus	31-2	690	667	710	689	3.15	cps
Potassium	39-2	262408	258750	260150	260436	0.71	cps
Rhodium	103-1	8092561	8242676	8334296	8223178	1.48	cps
Rhodium	103-2	4514557	4437604	4433516	4461892	1.02	cps
Scandium	45-1	5500075	5469860	5519302	5496412	0.45	cps
Scandium	45-2	422037	414627	414982	417215	1.00	cps
Selenium	82-1	994	1145	1050	1063	7.17	cps
Selenium	77-2	40	40	90	57	50.94	cps
Selenium	78-2	337	340	347	341	1.49	cps
Silicon	28-1	1385525	1373630	1355052	1371402	1.12	cps
Silver	107-1	10637	10611	10811	10686	1.02	cps
Silver	109-1	10360	10491	10170	10340	1.56	cps
Sodium	23-2	363979	365476	364785	364746	0.21	cps
Strontium	86-1	3150	3410	3330	3297	4.04	cps
Strontium	88-1	24631	25389	25028	25016	1.52	cps
Sulfur	34-1	286689	287077	288510	287425	0.33	cps
Terbium	159-1	11841301	11925836	12055961	11941033	0.91	cps
Terbium	159-2	7383097	7375211	7233727	7330678	1.15	cps
Thallium	203-1	8720	8326	8189	8412	3.27	cps
Thallium	205-1	19661	19574	19841	19692	0.69	cps
Tin	118-1	37622	37255	38147	37675	1.19	cps
Titanium	47-1	6175	6398	6295	6289	1.78	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:24:49	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25267	25177	24917	25120	0.72	cps
Vanadium	51-2	14527	14284	14617	14476	1.19	cps
Yttrium	89-1	14432568	14558419	14365974	14452320	0.68	cps
Yttrium	89-2	3183927	3204778	3187074	3191926	0.35	cps
Zinc	66-2	3207	3380	3210	3266	3.04	cps
Zirconium	90-1	15351	15145	15121	15206	0.83	cps
Zirconium	91-1	3407	3514	3260	3394	3.75	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BL	Instrumnet Name :	P7
Client Sample ID :	PB157573BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:28:04	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	180	193	179	8.40	cps
Antimony	121-1	160	180	263	201	27.25	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	163	33	27	74	103.51	cps
Barium	137-1	80	50	37	56	39.95	cps
Beryllium	9-1	137	147	110	131	14.46	cps
Bismuth	209-1	7058369	7045465	7090752	7064862	0.33	cps
Bismuth	209-2	5367956	5365604	5326956	5353505	0.43	cps
Bromine	81-1	8686	9223	9193	9034	3.34	cps
Bromine	81-2	43	50	53	49	10.42	cps
Cadmium	108-1	7	13	13	11	34.61	cps
Cadmium	106-1	5598	5624	5301	5508	3.26	cps
Cadmium	111-1	3934	3944	3721	3867	3.25	cps
Calcium	43-1	1371	623	583	859	51.62	cps
Calcium	44-1	28066	18375	18455	21632	25.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1173	1213	1130	1172	3.56	cps
Cobalt	59-2	60	87	80	76	18.37	cps
Copper	63-2	3364	3390	3244	3333	2.34	cps
Dysprosium	156-1	3	0	7	3	100.05	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	127	137	73	112	30.34	cps
Erbium	164-2	40	40	70	50	34.64	cps
Gadolinium	160-1	33	47	73	51	39.85	cps
Gadolinium	160-2	437	377	450	421	9.28	cps
Holmium	165-1	11812197	11864907	11778627	11818577	0.37	cps
Holmium	165-2	7645673	7610312	7676384	7644123	0.43	cps
Indium	115-1	9049047	9110319	9015117	9058161	0.53	cps
Indium	115-2	2837076	2785457	2817741	2813424	0.93	cps
Iron	56-2	6825	7145	7403	7124	4.07	cps
Iron	57-2	793	777	820	797	2.74	cps
Iron	54-2	1143	1117	1137	1132	1.23	cps
Krypton	83-1	197	143	190	177	16.45	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BL	Instrumnet Name :	P7
Client Sample ID :	PB157573BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:28:04	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	893	857	837	862	3.33	cps
Lead	207-1	823	687	707	739	9.99	cps
Lead	208-1	3574	3474	3344	3464	3.33	cps
Lithium	6-1	2976917	2960846	3100192	3012652	2.53	cps
Magnesium	24-2	283	243	267	264	7.60	cps
Manganese	55-2	67	100	120	96	28.19	cps
Molybdenum	94-1	277	270	203	250	16.22	cps
Molybdenum	95-1	190	123	100	138	33.90	cps
Molybdenum	96-1	350	177	157	228	46.69	cps
Molybdenum	97-1	140	73	73	96	40.28	cps
Molybdenum	98-1	273	187	163	208	27.89	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	20	3	0	8	137.80	cps
Nickel	60-2	177	157	153	162	7.78	cps
Phosphorus	31-2	363	333	353	350	4.36	cps
Potassium	39-2	60028	59014	59031	59357	0.98	cps
Rhodium	103-1	8411336	8370211	8336086	8372544	0.45	cps
Rhodium	103-2	4660426	4632003	4632301	4641576	0.35	cps
Scandium	45-1	5572891	5668481	5676721	5639364	1.02	cps
Scandium	45-2	431604	429302	433699	431535	0.51	cps
Selenium	82-1	291	334	332	319	7.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	147	140	103	130	17.95	cps
Silicon	28-1	1397914	1354255	1345922	1366030	2.04	cps
Silver	107-1	197	200	197	198	0.97	cps
Silver	109-1	180	207	143	177	18.00	cps
Sodium	23-2	30413	30170	29792	30125	1.04	cps
Strontium	86-1	497	300	300	366	31.07	cps
Strontium	88-1	3179	230	277	1228	137.50	cps
Sulfur	34-1	288635	293282	292931	291616	0.89	cps
Terbium	159-1	12196901	12258282	11828646	12094610	1.92	cps
Terbium	159-2	7525446	7539191	7471387	7512008	0.48	cps
Thallium	203-1	373	353	397	374	5.79	cps
Thallium	205-1	947	883	937	922	3.69	cps
Tin	118-1	930	810	1050	930	12.90	cps
Titanium	47-1	430	130	127	229	76.11	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BL	Instrumnet Name :	P7
Client Sample ID :	PB157573BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:28:04	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	47	30	37	24.06	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	14682608	14727814	14782425	14730949	0.34	cps
Yttrium	89-2	3223753	3270426	3337492	3277224	1.74	cps
Zinc	66-2	407	387	323	372	11.69	cps
Zirconium	90-1	763	563	550	626	19.11	cps
Zirconium	91-1	117	100	117	111	8.66	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BS	Instrumnet Name :	P7
Client Sample ID :	PB157573BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:31:20	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8159	8349	8102	8203	1.58	cps
Antimony	121-1	30519	30683	31047	30750	0.88	cps
Arsenic	75-2	730	673	767	723	6.50	cps
Barium	135-1	39391	39511	40337	39746	1.30	cps
Barium	137-1	69422	69442	68795	69219	0.53	cps
Beryllium	9-1	4501	4674	4854	4676	3.78	cps
Bismuth	209-1	6966713	6888793	7038951	6964819	1.08	cps
Bismuth	209-2	5259088	5241794	5276217	5259033	0.33	cps
Bromine	81-1	9306	9433	8849	9196	3.34	cps
Bromine	81-2	63	17	47	42	56.00	cps
Cadmium	108-1	367	293	347	336	11.30	cps
Cadmium	106-1	6051	5838	5811	5900	2.23	cps
Cadmium	111-1	8187	8065	8153	8135	0.77	cps
Calcium	43-1	23859	24640	24523	24341	1.73	cps
Calcium	44-1	402958	403290	403321	403190	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13930	13760	13419	13703	1.90	cps
Cobalt	59-2	9747	9690	9506	9648	1.30	cps
Copper	63-2	18375	17480	17033	17629	3.87	cps
Dysprosium	156-1	30	10	17	19	53.91	cps
Dysprosium	156-2	0	3	17	7	132.33	cps
Erbium	164-1	140	130	110	127	12.06	cps
Erbium	164-2	53	53	37	48	20.13	cps
Gadolinium	160-1	53	57	37	49	21.91	cps
Gadolinium	160-2	390	480	463	444	10.77	cps
Holmium	165-1	11721991	11766274	11880195	11789487	0.69	cps
Holmium	165-2	7634026	7615173	7563779	7604326	0.48	cps
Indium	115-1	9085658	9213845	9211662	9170388	0.80	cps
Indium	115-2	2770189	2776665	2749598	2765484	0.51	cps
Iron	56-2	1144414	1146165	1130528	1140369	0.75	cps
Iron	57-2	29305	29496	29045	29282	0.77	cps
Iron	54-2	64601	64504	64812	64639	0.24	cps
Krypton	83-1	293	157	187	212	33.85	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BS	Instrumnet Name :	P7
Client Sample ID :	PB157573BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:31:20	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12609	12749	13240	12866	2.57	cps
Lead	207-1	11355	11141	11425	11307	1.31	cps
Lead	208-1	51075	51505	52173	51584	1.07	cps
Lithium	6-1	3042197	2976553	3058054	3025601	1.43	cps
Magnesium	24-2	381998	384333	382002	382778	0.35	cps
Manganese	55-2	4714	4701	4751	4722	0.55	cps
Molybdenum	94-1	33228	33157	32623	33003	1.00	cps
Molybdenum	95-1	39523	40623	40914	40353	1.82	cps
Molybdenum	96-1	44337	45236	44959	44844	1.03	cps
Molybdenum	97-1	24711	25188	25239	25046	1.16	cps
Molybdenum	98-1	63638	64431	65352	64473	1.33	cps
Neodymium	150-1	7	20	10	12	56.76	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	2624	2810	2490	2641	6.09	cps
Phosphorus	31-2	363	340	367	357	4.07	cps
Potassium	39-2	435540	435162	432448	434383	0.39	cps
Rhodium	103-1	8367368	8387984	8361245	8372199	0.17	cps
Rhodium	103-2	4572139	4584122	4584333	4580198	0.15	cps
Scandium	45-1	5625107	5714026	5649730	5662955	0.81	cps
Scandium	45-2	429528	430999	427336	429288	0.43	cps
Selenium	82-1	1617	1718	1723	1686	3.56	cps
Selenium	77-2	147	133	93	124	22.31	cps
Selenium	78-2	403	553	473	477	15.75	cps
Silicon	28-1	1504795	1519230	1470676	1498234	1.66	cps
Silver	107-1	19800	20244	20455	20166	1.66	cps
Silver	109-1	18932	19223	18959	19038	0.84	cps
Sodium	23-2	641738	637353	635250	638114	0.52	cps
Strontium	86-1	5448	5468	5741	5552	2.95	cps
Strontium	88-1	45604	45901	45397	45634	0.56	cps
Sulfur	34-1	303575	304190	304041	303935	0.11	cps
Terbium	159-1	12101307	12093345	12260217	12151623	0.77	cps
Terbium	159-2	7530685	7522479	7443897	7499020	0.64	cps
Thallium	203-1	14148	14598	14778	14508	2.24	cps
Thallium	205-1	34962	35112	35192	35089	0.33	cps
Tin	118-1	837	890	737	821	9.48	cps
Titanium	47-1	11354	11531	11464	11450	0.78	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157573BS	Instrumnet Name :	P7
Client Sample ID :	PB157573BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:31:20	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45477	45705	44454	45212	1.47	cps
Vanadium	51-2	26730	26740	26386	26619	0.76	cps
Yttrium	89-1	15018706	14795940	14966230	14926959	0.78	cps
Yttrium	89-2	3277044	3266758	3263090	3268964	0.22	cps
Zinc	66-2	5948	5781	5811	5847	1.52	cps
Zirconium	90-1	27983	27866	28551	28134	1.30	cps
Zirconium	91-1	6261	6421	6325	6336	1.27	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BL	Instrumnet Name :	P7
Client Sample ID :	PB157574BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:34:35	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	183	173	193	13.68	cps
Antimony	121-1	113	183	180	159	24.85	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	23	33	17	24	34.31	cps
Barium	137-1	23	47	23	31	43.32	cps
Beryllium	9-1	163	130	133	142	12.91	cps
Bismuth	209-1	7171628	7277270	6783650	7077516	3.67	cps
Bismuth	209-2	5276008	5403170	5289245	5322808	1.31	cps
Bromine	81-1	9150	9113	9143	9135	0.21	cps
Bromine	81-2	67	63	73	68	7.51	cps
Cadmium	108-1	13	10	27	17	52.93	cps
Cadmium	106-1	5688	5685	5278	5550	4.25	cps
Cadmium	111-1	3999	3982	3696	3892	4.38	cps
Calcium	43-1	603	650	543	599	8.93	cps
Calcium	44-1	19189	18401	18211	18600	2.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1217	1267	1277	1253	2.56	cps
Cobalt	59-2	63	60	53	59	8.65	cps
Copper	63-2	3140	3280	3150	3190	2.45	cps
Dysprosium	156-1	0	13	7	7	99.98	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	103	67	113	94	26.02	cps
Erbium	164-2	80	73	60	71	14.32	cps
Gadolinium	160-1	27	43	83	51	56.98	cps
Gadolinium	160-2	463	443	417	441	5.31	cps
Holmium	165-1	11919656	11809967	11362425	11697349	2.52	cps
Holmium	165-2	7574130	7537968	7593079	7568392	0.37	cps
Indium	115-1	9049304	9248696	8894573	9064191	1.96	cps
Indium	115-2	2785016	2781827	2777576	2781473	0.13	cps
Iron	56-2	6905	6802	6712	6806	1.42	cps
Iron	57-2	843	717	773	778	8.16	cps
Iron	54-2	1217	1130	1240	1196	4.85	cps
Krypton	83-1	193	217	210	207	5.81	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BL	Instrumnet Name :	P7
Client Sample ID :	PB157574BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:34:35	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	753	740	800	764	4.12	cps
Lead	207-1	680	710	627	672	6.28	cps
Lead	208-1	3407	3144	3047	3199	5.82	cps
Lithium	6-1	2992870	2983292	2970499	2982220	0.38	cps
Magnesium	24-2	227	337	257	273	20.80	cps
Manganese	55-2	110	107	127	114	9.36	cps
Molybdenum	94-1	200	253	220	224	12.01	cps
Molybdenum	95-1	67	87	100	84	19.87	cps
Molybdenum	96-1	127	137	90	118	20.86	cps
Molybdenum	97-1	67	73	60	67	10.00	cps
Molybdenum	98-1	173	137	140	150	13.52	cps
Neodymium	150-1	10	10	3	8	49.52	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	160	130	167	152	12.83	cps
Phosphorus	31-2	350	327	327	334	4.03	cps
Potassium	39-2	59438	59101	59629	59390	0.45	cps
Rhodium	103-1	8454041	8433495	8075507	8321014	2.56	cps
Rhodium	103-2	4625616	4598755	4606177	4610183	0.30	cps
Scandium	45-1	5645147	5637790	5534801	5605913	1.10	cps
Scandium	45-2	430080	428046	432594	430240	0.53	cps
Selenium	82-1	293	262	283	279	5.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	177	103	143	141	26.02	cps
Silicon	28-1	1384523	1356163	1351911	1364199	1.30	cps
Silver	107-1	273	197	190	220	21.05	cps
Silver	109-1	150	150	143	148	2.60	cps
Sodium	23-2	27638	27201	27501	27447	0.82	cps
Strontium	86-1	360	287	343	330	11.65	cps
Strontium	88-1	243	270	280	264	7.17	cps
Sulfur	34-1	304118	304030	305189	304446	0.21	cps
Terbium	159-1	12104293	11936069	11566913	11869092	2.32	cps
Terbium	159-2	7537895	7432087	7545143	7505042	0.84	cps
Thallium	203-1	277	270	317	288	8.77	cps
Thallium	205-1	700	673	633	669	5.02	cps
Tin	118-1	883	1077	930	963	10.47	cps
Titanium	47-1	113	120	137	123	9.75	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BL	Instrumnet Name :	P7
Client Sample ID :	PB157574BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:34:35	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	40	43	36	30.14	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	14800749	14932501	14518724	14750658	1.43	cps
Yttrium	89-2	3281136	3245321	3283744	3270067	0.66	cps
Zinc	66-2	313	290	293	299	4.22	cps
Zirconium	90-1	570	583	543	566	3.60	cps
Zirconium	91-1	150	87	127	121	26.45	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BS	Instrumnet Name :	P7
Client Sample ID :	PB157574BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:37:52	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10097	9760	9967	9941	1.71	cps
Antimony	121-1	30980	30913	31227	31040	0.53	cps
Arsenic	75-2	793	700	780	758	6.66	cps
Barium	135-1	39314	40444	40818	40192	1.95	cps
Barium	137-1	68698	70812	71381	70297	2.01	cps
Beryllium	9-1	4544	4801	4907	4751	3.93	cps
Bismuth	209-1	6886066	6858054	7059971	6934697	1.58	cps
Bismuth	209-2	5305853	5263459	5188015	5252442	1.14	cps
Bromine	81-1	9183	9106	8986	9092	1.09	cps
Bromine	81-2	50	60	80	63	24.12	cps
Cadmium	108-1	420	337	330	362	13.84	cps
Cadmium	106-1	6005	5951	6008	5988	0.53	cps
Cadmium	111-1	8003	8111	8289	8134	1.77	cps
Calcium	43-1	25088	24527	25211	24942	1.46	cps
Calcium	44-1	403716	407297	417569	409527	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14444	14277	13586	14102	3.22	cps
Cobalt	59-2	9810	9897	10214	9973	2.13	cps
Copper	63-2	18528	18285	18281	18365	0.77	cps
Dysprosium	156-1	10	7	27	14	74.18	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	87	127	100	104	19.50	cps
Erbium	164-2	70	57	47	58	20.26	cps
Gadolinium	160-1	50	37	57	48	21.31	cps
Gadolinium	160-2	370	410	397	392	5.19	cps
Holmium	165-1	11511135	11574062	11730855	11605351	0.98	cps
Holmium	165-2	7595900	7534288	7525043	7551744	0.51	cps
Indium	115-1	8821142	8912306	9215288	8982912	2.30	cps
Indium	115-2	2812270	2777633	2767873	2785925	0.84	cps
Iron	56-2	1172432	1172335	1165901	1170223	0.32	cps
Iron	57-2	30043	29916	29739	29900	0.51	cps
Iron	54-2	65465	66727	66271	66154	0.97	cps
Krypton	83-1	227	177	150	184	21.10	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BS	Instrumnet Name :	P7
Client Sample ID :	PB157574BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:37:52	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12569	12840	13126	12845	2.17	cps
Lead	207-1	11295	11652	11408	11452	1.59	cps
Lead	208-1	50741	51755	52022	51506	1.31	cps
Lithium	6-1	2885987	2915087	3031826	2944300	2.62	cps
Magnesium	24-2	394437	392828	387755	391674	0.89	cps
Manganese	55-2	4888	5011	4921	4940	1.29	cps
Molybdenum	94-1	33044	33582	34163	33596	1.67	cps
Molybdenum	95-1	39934	41850	40730	40838	2.36	cps
Molybdenum	96-1	44334	47397	46142	45958	3.35	cps
Molybdenum	97-1	25132	25750	26157	25679	2.01	cps
Molybdenum	98-1	65429	67252	65677	66119	1.50	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2600	2820	2747	2723	4.12	cps
Phosphorus	31-2	347	350	373	357	4.07	cps
Potassium	39-2	446696	447551	444230	446159	0.39	cps
Rhodium	103-1	8304943	8374474	8448111	8375843	0.85	cps
Rhodium	103-2	4654373	4630476	4603176	4629342	0.55	cps
Scandium	45-1	5509240	5466329	5758731	5578100	2.83	cps
Scandium	45-2	433770	433624	430612	432669	0.41	cps
Selenium	82-1	1625	1668	1744	1679	3.58	cps
Selenium	77-2	127	97	100	108	15.26	cps
Selenium	78-2	577	487	463	509	11.76	cps
Silicon	28-1	1538723	1521990	1529342	1530018	0.55	cps
Silver	107-1	19804	20558	20925	20429	2.80	cps
Silver	109-1	19139	19467	20631	19746	3.97	cps
Sodium	23-2	650773	656131	643167	650024	1.00	cps
Strontium	86-1	5254	5751	5631	5546	4.67	cps
Strontium	88-1	45684	46540	47112	46445	1.55	cps
Sulfur	34-1	309150	309588	309777	309505	0.10	cps
Terbium	159-1	11882799	11814169	12043981	11913650	0.99	cps
Terbium	159-2	7424501	7533877	7473659	7477346	0.73	cps
Thallium	203-1	14444	15015	15065	14842	2.32	cps
Thallium	205-1	34677	34701	35703	35027	1.67	cps
Tin	118-1	847	820	843	837	1.74	cps
Titanium	47-1	11418	12128	11885	11810	3.06	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB157574BS	Instrumnet Name :	P7
Client Sample ID :	PB157574BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:37:52	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45698	45852	46728	46093	1.21	cps
Vanadium	51-2	27305	27305	26891	27167	0.88	cps
Yttrium	89-1	14603364	14475034	14821110	14633169	1.20	cps
Yttrium	89-2	3286940	3297503	3267035	3283826	0.47	cps
Zinc	66-2	7385	7355	7085	7275	2.27	cps
Zirconium	90-1	27823	27896	28324	28015	0.97	cps
Zirconium	91-1	6151	6018	6425	6198	3.35	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07	Instrumnet Name :	P7
Client Sample ID :	XA048	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:44:08	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	705330	699677	694910	699972	0.75	cps
Antimony	121-1	3073349	3053366	3056025	3060913	0.35	cps
Arsenic	75-2	190924	192653	188417	190664	1.12	cps
Barium	135-1	1493440	1514276	1494552	1500756	0.78	cps
Barium	137-1	2662873	2668843	2679290	2670335	0.31	cps
Beryllium	9-1	875972	893316	879202	882830	1.04	cps
Bismuth	209-1	7117163	7022614	7098973	7079583	0.71	cps
Bismuth	209-2	5385459	5334553	5358112	5359375	0.48	cps
Bromine	81-1	8833	9176	8539	8849	3.60	cps
Bromine	81-2	63	77	73	71	9.76	cps
Cadmium	108-1	40473	40991	40610	40691	0.66	cps
Cadmium	106-1	60178	59638	60074	59963	0.48	cps
Cadmium	111-1	608228	620693	616157	615026	1.03	cps
Calcium	43-1	6291	6662	6468	6474	2.86	cps
Calcium	44-1	68400	67429	67482	67770	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2128379	2125140	2129968	2127829	0.12	cps
Cobalt	59-2	4350308	4350818	4355722	4352283	0.07	cps
Copper	63-2	1244829	1232578	1225020	1234142	0.81	cps
Dysprosium	156-1	30	40	23	31	26.97	cps
Dysprosium	156-2	67	53	57	59	11.79	cps
Erbium	164-1	110	117	150	126	17.07	cps
Erbium	164-2	67	50	47	54	19.68	cps
Gadolinium	160-1	63	47	50	53	16.53	cps
Gadolinium	160-2	420	400	467	429	7.98	cps
Holmium	165-1	11866050	11912202	11740101	11839451	0.75	cps
Holmium	165-2	7651202	7663707	7650020	7654976	0.10	cps
Indium	115-1	9119077	8970220	9008958	9032752	0.85	cps
Indium	115-2	2757800	2767267	2784320	2769796	0.49	cps
Iron	56-2	9260984	9084505	9161298	9168929	0.97	cps
Iron	57-2	243173	240074	238506	240585	0.99	cps
Iron	54-2	606749	601679	608203	605544	0.57	cps
Krypton	83-1	220	210	180	203	10.24	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07	Instrumnet Name :	P7
Client Sample ID :	XA048	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:44:08	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1642162	1660891	1665124	1656059	0.74	cps
Lead	207-1	1367042	1386970	1399131	1384381	1.17	cps
Lead	208-1	6548322	6657731	6654676	6620243	0.94	cps
Lithium	6-1	3031751	2932057	3033712	2999174	1.94	cps
Magnesium	24-2	867	710	747	774	10.58	cps
Manganese	55-2	953407	941022	942343	945590	0.72	cps
Molybdenum	94-1	592064	594797	596791	594551	0.40	cps
Molybdenum	95-1	1037759	1045273	1044768	1042600	0.40	cps
Molybdenum	96-1	1099835	1111668	1117710	1109738	0.82	cps
Molybdenum	97-1	650303	655003	654720	653342	0.40	cps
Molybdenum	98-1	1681915	1656263	1649008	1662395	1.04	cps
Neodymium	150-1	97	100	100	99	1.94	cps
Neodymium	150-2	27	17	13	19	36.75	cps
Nickel	60-2	2497769	2448637	2427184	2457863	1.47	cps
Phosphorus	31-2	343	323	317	328	4.23	cps
Potassium	39-2	62996	62605	61651	62417	1.11	cps
Rhodium	103-1	8330261	8185883	8143827	8219990	1.19	cps
Rhodium	103-2	4569578	4612563	4534225	4572122	0.86	cps
Scandium	45-1	5616657	5569962	5498701	5561774	1.07	cps
Scandium	45-2	429820	427234	425612	427555	0.50	cps
Selenium	82-1	24049	24038	24218	24102	0.42	cps
Selenium	77-2	2060	2140	1820	2007	8.30	cps
Selenium	78-2	6708	6572	6882	6720	2.31	cps
Silicon	28-1	2451195	2489204	2421904	2454101	1.38	cps
Silver	107-1	9249700	9270152	9359071	9292974	0.63	cps
Silver	109-1	8794262	8866408	8883761	8848144	0.54	cps
Sodium	23-2	50529	50502	50248	50427	0.31	cps
Strontium	86-1	1221269	1232855	1235135	1229753	0.60	cps
Strontium	88-1	10636323	10779816	10799091	10738410	0.83	cps
Sulfur	34-1	269971	264329	263779	266026	1.29	cps
Terbium	159-1	12099054	12089289	11872716	12020353	1.06	cps
Terbium	159-2	7636906	7684318	7464984	7595403	1.52	cps
Thallium	203-1	3613394	3696561	3620141	3643366	1.27	cps
Thallium	205-1	8483757	8574660	8510936	8523118	0.55	cps
Tin	118-1	1247	1283	1403	1311	6.25	cps
Titanium	47-1	470	417	400	429	8.53	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07	Instrumnet Name :	P7
Client Sample ID :	XA048	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:44:08	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	23	23	30	38.49	cps
Vanadium	51-2	2444159	2401302	2422679	2422713	0.88	cps
Yttrium	89-1	14869412	14620872	14639326	14709870	0.94	cps
Yttrium	89-2	3209538	3213352	3199007	3207299	0.23	cps
Zinc	66-2	936412	936864	931526	934934	0.32	cps
Zirconium	90-1	2080	2130	2070	2094	1.54	cps
Zirconium	91-1	940	1023	917	960	5.84	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07DLX2	Instrumnet Name :	P7
Client Sample ID :	XA048DL	Dilution Factor :	2
Date & Time Acquired :	2023-12-06 15:47:07	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352784	350051	351224	351353	0.39	cps
Antimony	121-1	1532846	1547805	1531909	1537520	0.58	cps
Arsenic	75-2	95914	95129	94915	95319	0.55	cps
Barium	135-1	758467	760588	763103	760719	0.31	cps
Barium	137-1	1317534	1321566	1319879	1319660	0.15	cps
Beryllium	9-1	444329	448233	453459	448674	1.02	cps
Bismuth	209-1	7134021	7168464	7046756	7116414	0.88	cps
Bismuth	209-2	5315489	5377176	5333345	5342003	0.59	cps
Bromine	81-1	8426	8786	8442	8551	2.38	cps
Bromine	81-2	63	93	53	70	29.74	cps
Cadmium	108-1	20148	20154	20975	20426	2.33	cps
Cadmium	106-1	33251	33432	33245	33309	0.32	cps
Cadmium	111-1	310555	315080	314173	313270	0.76	cps
Calcium	43-1	3577	3657	3774	3669	2.70	cps
Calcium	44-1	43569	44689	43907	44055	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1072258	1062290	1061730	1065426	0.56	cps
Cobalt	59-2	2182938	2185340	2172554	2180277	0.31	cps
Copper	63-2	625218	625397	616214	622276	0.84	cps
Dysprosium	156-1	30	23	30	28	13.86	cps
Dysprosium	156-2	23	43	30	32	31.61	cps
Erbium	164-1	140	100	150	130	20.35	cps
Erbium	164-2	63	67	37	56	29.59	cps
Gadolinium	160-1	40	63	30	44	38.48	cps
Gadolinium	160-2	440	360	357	386	12.24	cps
Holmium	165-1	11874762	11805029	11654070	11777954	0.96	cps
Holmium	165-2	7471800	7537186	7519762	7509583	0.45	cps
Indium	115-1	9027006	8984892	8930679	8980859	0.54	cps
Indium	115-2	2719261	2714503	2699563	2711109	0.38	cps
Iron	56-2	4580036	4608741	4551729	4580169	0.62	cps
Iron	57-2	120441	119799	119235	119825	0.50	cps
Iron	54-2	303889	303702	300665	302752	0.60	cps
Krypton	83-1	183	167	187	179	5.99	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07DLX2	Instrumnet Name :	P7
Client Sample ID :	XA048DL	Dilution Factor :	2
Date & Time Acquired :	2023-12-06 15:47:07	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	841046	849763	852547	847785	0.71	cps
Lead	207-1	706913	716455	707029	710132	0.77	cps
Lead	208-1	3410988	3425015	3411514	3415839	0.23	cps
Lithium	6-1	3055804	3006884	2980913	3014534	1.26	cps
Magnesium	24-2	580	587	543	570	4.09	cps
Manganese	55-2	475583	469760	469488	471610	0.73	cps
Molybdenum	94-1	299654	301832	301051	300846	0.37	cps
Molybdenum	95-1	525947	531565	525463	527658	0.64	cps
Molybdenum	96-1	563722	566810	568274	566269	0.41	cps
Molybdenum	97-1	326120	330988	328991	328700	0.74	cps
Molybdenum	98-1	844690	853622	852048	850120	0.56	cps
Neodymium	150-1	40	33	53	42	24.12	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	1231547	1222576	1214824	1222982	0.68	cps
Phosphorus	31-2	307	327	387	340	12.25	cps
Potassium	39-2	59231	59194	60068	59498	0.83	cps
Rhodium	103-1	8187006	8192006	8231429	8203480	0.30	cps
Rhodium	103-2	4528101	4555349	4526434	4536628	0.36	cps
Scandium	45-1	5602769	5586345	5528635	5572583	0.70	cps
Scandium	45-2	419440	416334	415040	416938	0.54	cps
Selenium	82-1	12412	12277	12516	12402	0.97	cps
Selenium	77-2	990	973	983	982	0.85	cps
Selenium	78-2	3650	3207	3390	3416	6.52	cps
Silicon	28-1	1915862	1959444	1894957	1923421	1.71	cps
Silver	107-1	4726049	4672543	4654708	4684433	0.79	cps
Silver	109-1	4515348	4465914	4523072	4501445	0.69	cps
Sodium	23-2	37850	37997	37810	37885	0.26	cps
Strontium	86-1	622745	624218	620591	622518	0.29	cps
Strontium	88-1	5385027	5415523	5388935	5396495	0.31	cps
Sulfur	34-1	252712	250034	247916	250221	0.96	cps
Terbium	159-1	12069424	12193201	12102941	12121855	0.53	cps
Terbium	159-2	7403865	7440968	7497093	7447309	0.63	cps
Thallium	203-1	1840412	1903974	1859517	1867968	1.75	cps
Thallium	205-1	4281756	4456039	4410734	4382843	2.06	cps
Tin	118-1	1150	1077	1217	1148	6.10	cps
Titanium	47-1	183	233	297	238	23.89	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-07DLX2	Instrumnet Name :	P7
Client Sample ID :	XA048DL	Dilution Factor :	2
Date & Time Acquired :	2023-12-06 15:47:07	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	10	33	27	54.49	cps
Vanadium	51-2	1223734	1218006	1222722	1221487	0.25	cps
Yttrium	89-1	14601343	14614384	14402540	14539422	0.82	cps
Yttrium	89-2	3112736	3169957	3165245	3149313	1.01	cps
Zinc	66-2	474096	469955	468374	470809	0.63	cps
Zirconium	90-1	1220	1400	1457	1359	9.09	cps
Zirconium	91-1	440	510	523	491	9.11	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-03	Instrumnet Name :	P7
Client Sample ID :	XA044	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:56:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3100805	3036787	3046918	3061503	1.12	cps
Antimony	121-1	3579499	3605056	3611468	3598674	0.47	cps
Arsenic	75-2	156316	154214	154141	154890	0.80	cps
Barium	135-1	2111286	2101738	2127337	2113453	0.61	cps
Barium	137-1	3641849	3673337	3689053	3668080	0.66	cps
Beryllium	9-1	877024	873911	869818	873585	0.41	cps
Bismuth	209-1	6790706	7344034	7171003	7101915	3.99	cps
Bismuth	209-2	5150200	5235009	5260961	5215390	1.11	cps
Bromine	81-1	9697	10070	9997	9921	2.00	cps
Bromine	81-2	433	457	323	404	17.61	cps
Cadmium	108-1	56031	58086	56901	57006	1.81	cps
Cadmium	106-1	82861	83411	82955	83076	0.35	cps
Cadmium	111-1	870677	865048	867398	867708	0.33	cps
Calcium	43-1	393550	393973	395204	394242	0.22	cps
Calcium	44-1	5981072	5818584	5859757	5886471	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1409120	1385588	1396404	1397037	0.84	cps
Cobalt	59-2	2187028	2175344	2138885	2167086	1.16	cps
Copper	63-2	2404913	2364106	2389318	2386112	0.86	cps
Dysprosium	156-1	52524	51762	52933	52406	1.13	cps
Dysprosium	156-2	40171	39930	39302	39801	1.13	cps
Erbium	164-1	39265	38647	38720	38877	0.87	cps
Erbium	164-2	24425	24481	24328	24411	0.32	cps
Gadolinium	160-1	46246	47166	45895	46436	1.41	cps
Gadolinium	160-2	31108	31546	31061	31238	0.86	cps
Holmium	165-1	11030691	11976863	12006239	11671264	4.75	cps
Holmium	165-2	7374369	7521364	7469741	7455158	1.00	cps
Indium	115-1	8193794	8945884	8702666	8614115	4.46	cps
Indium	115-2	2600974	2564547	2596459	2587327	0.77	cps
Iron	56-2	53091473	53690546	53706601	53496206	0.66	cps
Iron	57-2	1402113	1396759	1384535	1394469	0.65	cps
Iron	54-2	3013908	3022367	2975815	3004030	0.83	cps
Krypton	83-1	277	223	253	251	10.65	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-03	Instrumnet Name :	P7
Client Sample ID :	XA044	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:56:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4701007	4766013	4703660	4723560	0.78	cps
Lead	207-1	3941337	3956280	3973994	3957203	0.41	cps
Lead	208-1	18200961	18312412	18182775	18232050	0.38	cps
Lithium	6-1	3127995	3325443	3230592	3228010	3.06	cps
Magnesium	24-2	1893574	1898701	1901186	1897820	0.20	cps
Manganese	55-2	2820033	2830155	2793629	2814606	0.67	cps
Molybdenum	94-1	878603	881042	880975	880207	0.16	cps
Molybdenum	95-1	1435750	1437411	1460924	1444695	0.97	cps
Molybdenum	96-1	1557603	1536855	1553628	1549362	0.71	cps
Molybdenum	97-1	903032	905219	906750	905000	0.21	cps
Molybdenum	98-1	2293315	2269798	2310029	2291047	0.88	cps
Neodymium	150-1	96934	97887	96531	97117	0.72	cps
Neodymium	150-2	51360	49537	50507	50468	1.81	cps
Nickel	60-2	646737	637277	639079	641031	0.78	cps
Phosphorus	31-2	7679	7602	7725	7669	0.81	cps
Potassium	39-2	1357976	1375844	1359710	1364510	0.72	cps
Rhodium	103-1	7402236	8080244	7919216	7800565	4.54	cps
Rhodium	103-2	4323456	4280208	4333492	4312385	0.66	cps
Scandium	45-1	5176603	5569150	5412627	5386127	3.67	cps
Scandium	45-2	408701	406776	412237	409238	0.68	cps
Selenium	82-1	70769	70259	70349	70459	0.39	cps
Selenium	77-2	5591	5825	5664	5693	2.10	cps
Selenium	78-2	18195	19036	19149	18793	2.77	cps
Silicon	28-1	51110208	51617863	51402674	51376915	0.50	cps
Silver	107-1	2639400	2621970	2616239	2625870	0.46	cps
Silver	109-1	2494929	2539947	2534329	2523068	0.97	cps
Sodium	23-2	882834	882253	872778	879288	0.64	cps
Strontium	86-1	775890	774158	771299	773782	0.30	cps
Strontium	88-1	6724443	6757306	6688125	6723291	0.51	cps
Sulfur	34-1	211073	211374	208935	210461	0.63	cps
Terbium	159-1	11343599	12378944	11981021	11901188	4.39	cps
Terbium	159-2	7389914	7378666	7367419	7378666	0.15	cps
Thallium	203-1	2622141	2657619	2639732	2639830	0.67	cps
Thallium	205-1	6254711	6266991	6265880	6262527	0.11	cps
Tin	118-1	2367372	2382784	2397501	2382552	0.63	cps
Titanium	47-1	1031019	1024653	1027307	1027660	0.31	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5457-03	Instrumnet Name :	P7
Client Sample ID :	XA044	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:56:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4552133	4584801	4584205	4573713	0.41	cps
Vanadium	51-2	1307399	1299469	1267659	1291509	1.63	cps
Yttrium	89-1	13818879	14953645	14655905	14476143	4.06	cps
Yttrium	89-2	3156083	3148389	3139260	3147911	0.27	cps
Zinc	66-2	332552	331400	329309	331087	0.50	cps
Zirconium	90-1	160088	158808	160091	159663	0.46	cps
Zirconium	91-1	36084	35600	35683	35789	0.72	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:58:58	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9457129	9429307	9472694	9453044	0.23	cps
Antimony	121-1	3833758	3846072	3851227	3843685	0.23	cps
Arsenic	75-2	171855	171781	172378	172004	0.19	cps
Barium	135-1	5261001	5179728	5243515	5228081	0.82	cps
Barium	137-1	9083083	9021746	9089495	9064774	0.41	cps
Beryllium	9-1	1104422	1110573	1092508	1102501	0.83	cps
Bismuth	209-1	6199874	6146533	6344538	6230315	1.64	cps
Bismuth	209-2	4566569	4517931	4546319	4543606	0.54	cps
Bromine	81-1	8189	8336	8843	8456	4.06	cps
Bromine	81-2	150	163	170	161	6.32	cps
Cadmium	108-1	77562	77670	77462	77565	0.13	cps
Cadmium	106-1	111117	111278	112962	111786	0.91	cps
Cadmium	111-1	1031487	1025233	1025794	1027505	0.34	cps
Calcium	43-1	5983085	6008034	6010614	6000578	0.25	cps
Calcium	44-1	95266325	94712252	93354389	94444322	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1494958	1459990	1455767	1470238	1.46	cps
Cobalt	59-2	2310521	2285097	2291646	2295755	0.58	cps
Copper	63-2	15420013	15523390	15372760	15438721	0.50	cps
Dysprosium	156-1	1063	1170	1133	1122	4.83	cps
Dysprosium	156-2	833	810	753	799	5.15	cps
Erbium	164-1	347	293	353	331	9.93	cps
Erbium	164-2	173	143	180	166	11.80	cps
Gadolinium	160-1	1107	1090	1193	1130	4.91	cps
Gadolinium	160-2	1067	1063	1050	1060	0.83	cps
Holmium	165-1	10957794	10981546	11120420	11019920	0.80	cps
Holmium	165-2	7111033	7031502	7028814	7057116	0.66	cps
Indium	115-1	7683193	7655276	7800651	7713040	1.00	cps
Indium	115-2	2365110	2332629	2365796	2354512	0.81	cps
Iron	56-2	319249215	319161702	320367782	319592900	0.21	cps
Iron	57-2	7964480	8014576	7891244	7956767	0.78	cps
Iron	54-2	17728697	17669747	17716390	17704945	0.18	cps
Krypton	83-1	190	230	233	218	11.07	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:58:58	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16574794	16673725	16524974	16591165	0.46	cps
Lead	207-1	14454394	14620052	14684779	14586408	0.81	cps
Lead	208-1	65671630	66192260	66546900	66136930	0.67	cps
Lithium	6-1	2880459	2880041	2814793	2858431	1.32	cps
Magnesium	24-2	91776912	92006555	91709165	91830878	0.17	cps
Manganese	55-2	10590988	10549618	10590756	10577121	0.23	cps
Molybdenum	94-1	14138429	14114530	14207316	14153425	0.34	cps
Molybdenum	95-1	20532605	20389750	20682246	20534867	0.71	cps
Molybdenum	96-1	22502756	22180489	22488921	22390722	0.81	cps
Molybdenum	97-1	12752222	12638602	12760839	12717221	0.54	cps
Molybdenum	98-1	33067739	32779026	33004830	32950531	0.46	cps
Neodymium	150-1	687	620	600	636	7.14	cps
Neodymium	150-2	200	167	150	172	14.78	cps
Nickel	60-2	575719	573693	577251	575554	0.31	cps
Phosphorus	31-2	100098	99440	101017	100185	0.79	cps
Potassium	39-2	43487511	43186543	43495364	43389806	0.41	cps
Rhodium	103-1	6690645	6664679	6789687	6715004	0.98	cps
Rhodium	103-2	3788281	3684520	3715978	3729593	1.43	cps
Scandium	45-1	5006866	4966576	5004203	4992548	0.45	cps
Scandium	45-2	379067	375235	378281	377528	0.54	cps
Selenium	82-1	64019	63600	63772	63797	0.33	cps
Selenium	77-2	5268	5238	5291	5265	0.51	cps
Selenium	78-2	17931	17470	17671	17691	1.31	cps
Silicon	28-1	37397994	38033555	37624304	37685285	0.85	cps
Silver	107-1	4931230	4894583	4892869	4906227	0.44	cps
Silver	109-1	4730399	4682000	4719533	4710644	0.54	cps
Sodium	23-2	146153168	145884118	145987124	146008137	0.09	cps
Strontium	86-1	31973099	31938831	32055952	31989294	0.19	cps
Strontium	88-1	281960609	282524876	283733416	282739634	0.32	cps
Sulfur	34-1	649611	631768	623944	635107	2.07	cps
Terbium	159-1	11060104	11176897	11438272	11225091	1.73	cps
Terbium	159-2	6899252	6858787	6929595	6895878	0.52	cps
Thallium	203-1	4058403	4020984	4018318	4032568	0.56	cps
Thallium	205-1	9495632	9638252	9546972	9560286	0.76	cps
Tin	118-1	3330149	3297190	3314793	3314044	0.50	cps
Titanium	47-1	5408450	5361398	5324136	5364661	0.79	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 15:58:58	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13753662	13812071	13771734	13779155	0.22	cps
Vanadium	51-2	1266716	1291743	1296851	1285103	1.25	cps
Yttrium	89-1	12993754	12895827	13163180	13017587	1.04	cps
Yttrium	89-2	2833875	2799705	2831217	2821599	0.67	cps
Zinc	66-2	2500016	2570278	2520592	2530295	1.43	cps
Zirconium	90-1	6922262	6804638	6895680	6874193	0.90	cps
Zirconium	91-1	1555332	1521502	1577631	1551488	1.82	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:07:25	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	270	273	256	10.94	cps
Antimony	121-1	1037	997	997	1010	2.29	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	20	20	37	26	37.66	cps
Barium	137-1	43	50	50	48	8.06	cps
Beryllium	9-1	263	297	250	270	8.90	cps
Bismuth	209-1	7070232	6973643	6902633	6982169	1.20	cps
Bismuth	209-2	5132010	5281857	5215633	5209833	1.44	cps
Bromine	81-1	8463	7829	8416	8236	4.29	cps
Bromine	81-2	107	113	107	109	3.53	cps
Cadmium	108-1	23	17	7	16	53.90	cps
Cadmium	106-1	4624	4534	4481	4546	1.59	cps
Cadmium	111-1	3264	3202	3169	3212	1.51	cps
Calcium	43-1	573	557	547	559	2.41	cps
Calcium	44-1	16366	16619	16996	16660	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1130	1037	1090	1086	4.31	cps
Cobalt	59-2	83	87	83	84	2.28	cps
Copper	63-2	3147	3147	3004	3099	2.67	cps
Dysprosium	156-1	10	13	7	10	33.30	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	110	100	87	99	11.84	cps
Erbium	164-2	40	67	33	47	37.80	cps
Gadolinium	160-1	20	33	30	28	24.98	cps
Gadolinium	160-2	350	393	343	362	7.49	cps
Holmium	165-1	11310326	11413114	11466966	11396802	0.70	cps
Holmium	165-2	7303359	7337520	7316456	7319112	0.24	cps
Indium	115-1	8495336	8607837	8534514	8545896	0.67	cps
Indium	115-2	2594629	2654110	2622316	2623685	1.13	cps
Iron	56-2	8179	8586	9166	8644	5.74	cps
Iron	57-2	633	763	847	748	14.38	cps
Iron	54-2	1157	1087	1247	1163	6.89	cps
Krypton	83-1	153	220	187	187	17.86	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:07:25	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1200	1193	1080	1158	5.83	cps
Lead	207-1	963	1027	1017	1002	3.40	cps
Lead	208-1	4774	4794	4800	4789	0.29	cps
Lithium	6-1	3182154	2978995	2994317	3051822	3.71	cps
Magnesium	24-2	687	770	1020	826	21.01	cps
Manganese	55-2	287	203	243	244	17.05	cps
Molybdenum	94-1	377	373	423	391	7.15	cps
Molybdenum	95-1	247	237	220	234	5.75	cps
Molybdenum	96-1	350	300	253	301	16.05	cps
Molybdenum	97-1	153	133	150	146	7.36	cps
Molybdenum	98-1	443	403	427	424	4.73	cps
Neodymium	150-1	10	7	20	12	56.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	160	107	140	136	19.87	cps
Phosphorus	31-2	340	393	300	344	13.59	cps
Potassium	39-2	55899	54985	57060	55981	1.86	cps
Rhodium	103-1	7869547	7804437	7889109	7854364	0.56	cps
Rhodium	103-2	4367512	4429797	4385636	4394315	0.73	cps
Scandium	45-1	5364265	5341100	5350349	5351904	0.22	cps
Scandium	45-2	399251	404208	401211	401557	0.62	cps
Selenium	82-1	336	284	315	311	8.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	177	93	127	34.82	cps
Silicon	28-1	1283296	1299594	1286257	1289716	0.67	cps
Silver	107-1	310	293	243	282	12.29	cps
Silver	109-1	243	243	263	250	4.62	cps
Sodium	23-2	29184	29027	29378	29197	0.60	cps
Strontium	86-1	340	353	410	368	10.11	cps
Strontium	88-1	853	670	1057	860	22.49	cps
Sulfur	34-1	254668	259202	262055	258642	1.44	cps
Terbium	159-1	11485534	11621348	11517417	11541433	0.62	cps
Terbium	159-2	7239641	7301868	7243847	7261786	0.48	cps
Thallium	203-1	613	523	590	576	8.11	cps
Thallium	205-1	1447	1430	1443	1440	0.61	cps
Tin	118-1	1027	1073	1060	1053	2.28	cps
Titanium	47-1	133	107	117	119	11.33	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:07:25	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	63	70	67	5.00	cps
Vanadium	51-2	20	33	7	20	66.65	cps
Yttrium	89-1	13917588	13798241	13828937	13848255	0.45	cps
Yttrium	89-2	3048588	3071786	3052060	3057478	0.41	cps
Zinc	66-2	337	430	433	400	13.72	cps
Zirconium	90-1	713	793	737	748	5.50	cps
Zirconium	91-1	220	123	203	182	28.36	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BL	Instrumnet Name :	P7
Client Sample ID :	PB156670BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:10:39	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	333	247	288	15.12	cps
Antimony	121-1	340	363	390	364	6.86	cps
Arsenic	75-2	3	0	7	3	100.05	cps
Barium	135-1	23	13	10	16	44.60	cps
Barium	137-1	30	67	63	53	38.02	cps
Beryllium	9-1	270	300	263	278	7.03	cps
Bismuth	209-1	6988857	6760716	6853163	6867578	1.67	cps
Bismuth	209-2	5085808	5143457	5139940	5123068	0.63	cps
Bromine	81-1	8603	8272	8296	8390	2.20	cps
Bromine	81-2	80	73	70	74	6.84	cps
Cadmium	108-1	10	3	10	8	49.52	cps
Cadmium	106-1	5048	5084	4908	5013	1.86	cps
Cadmium	111-1	3560	3580	3448	3529	2.01	cps
Calcium	43-1	460	570	540	523	10.87	cps
Calcium	44-1	16599	16349	15989	16312	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1077	1217	1160	1151	6.12	cps
Cobalt	59-2	57	110	73	80	34.10	cps
Copper	63-2	2997	2987	3037	3007	0.88	cps
Dysprosium	156-1	13	13	3	10	57.75	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	90	83	120	98	19.98	cps
Erbium	164-2	53	50	33	46	23.52	cps
Gadolinium	160-1	33	77	67	59	38.54	cps
Gadolinium	160-2	380	420	370	390	6.78	cps
Holmium	165-1	11280835	11102596	11315644	11233025	1.02	cps
Holmium	165-2	7301948	7378982	7244417	7308449	0.92	cps
Indium	115-1	8539238	8487850	8464955	8497348	0.45	cps
Indium	115-2	2591621	2646357	2623099	2620359	1.05	cps
Iron	56-2	6508	6672	6735	6638	1.76	cps
Iron	57-2	683	723	763	723	5.53	cps
Iron	54-2	1057	1193	1117	1122	6.10	cps
Krypton	83-1	173	150	157	160	7.51	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BL	Instrumnet Name :	P7
Client Sample ID :	PB156670BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:10:39	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1170	1027	1237	1145	9.38	cps
Lead	207-1	927	933	933	931	0.41	cps
Lead	208-1	4597	4434	4597	4543	2.08	cps
Lithium	6-1	3055408	3073054	3098039	3075500	0.70	cps
Magnesium	24-2	297	343	377	339	11.86	cps
Manganese	55-2	167	193	143	168	14.91	cps
Molybdenum	94-1	270	213	277	253	13.74	cps
Molybdenum	95-1	130	117	110	119	8.57	cps
Molybdenum	96-1	167	193	147	169	13.86	cps
Molybdenum	97-1	53	123	87	88	39.89	cps
Molybdenum	98-1	153	220	227	200	20.27	cps
Neodymium	150-1	20	17	0	12	87.67	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	137	120	153	137	12.20	cps
Phosphorus	31-2	253	337	303	298	14.08	cps
Potassium	39-2	56176	55477	55681	55778	0.64	cps
Rhodium	103-1	7789997	7754381	7696711	7747030	0.61	cps
Rhodium	103-2	4360810	4322720	4300630	4328053	0.70	cps
Scandium	45-1	5326511	5318075	5317276	5320620	0.10	cps
Scandium	45-2	401934	404425	404781	403713	0.38	cps
Selenium	82-1	309	362	332	335	7.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	127	107	106	20.55	cps
Silicon	28-1	1338166	1323770	1329439	1330458	0.55	cps
Silver	107-1	237	233	173	214	16.62	cps
Silver	109-1	177	167	167	170	3.40	cps
Sodium	23-2	26703	26169	26830	26567	1.32	cps
Strontium	86-1	360	283	343	329	12.26	cps
Strontium	88-1	350	397	357	368	6.86	cps
Sulfur	34-1	269908	267485	269303	268899	0.47	cps
Terbium	159-1	11570500	11291211	11371952	11411221	1.26	cps
Terbium	159-2	7201524	7261723	7120989	7194745	0.98	cps
Thallium	203-1	540	523	530	531	1.58	cps
Thallium	205-1	1417	1143	1383	1315	11.35	cps
Tin	118-1	1060	1240	830	1043	19.70	cps
Titanium	47-1	127	120	140	129	7.90	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BL	Instrumnet Name :	P7
Client Sample ID :	PB156670BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:10:39	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	40	30	37	15.75	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	14099535	13800425	13971221	13957060	1.08	cps
Yttrium	89-2	3065868	3049974	3060032	3058625	0.26	cps
Zinc	66-2	433	413	467	438	6.16	cps
Zirconium	90-1	560	520	620	567	8.88	cps
Zirconium	91-1	80	133	123	112	25.26	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BS	Instrumnet Name :	P7
Client Sample ID :	PB156670BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:13:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2106868	2106487	2073422	2095592	0.92	cps
Antimony	121-1	4174889	4118911	4139768	4144522	0.68	cps
Arsenic	75-2	175764	175484	174718	175322	0.31	cps
Barium	135-1	5570283	5482045	5464339	5505556	1.03	cps
Barium	137-1	9638781	9496743	9472845	9536123	0.94	cps
Beryllium	9-1	1201524	1171478	1185894	1186299	1.27	cps
Bismuth	209-1	5778743	6434467	6682171	6298460	7.41	cps
Bismuth	209-2	4925222	4887469	4939353	4917348	0.55	cps
Bromine	81-1	7432	7432	7185	7350	1.94	cps
Bromine	81-2	100	77	93	90	13.35	cps
Cadmium	108-1	83233	81192	80012	81479	2.00	cps
Cadmium	106-1	121284	117070	118317	118890	1.82	cps
Cadmium	111-1	1091685	1086226	1086629	1088180	0.28	cps
Calcium	43-1	1474388	1477680	1469503	1473857	0.28	cps
Calcium	44-1	22001708	21549486	21349001	21633399	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1551452	1557557	1569911	1559640	0.60	cps
Cobalt	59-2	2325809	2339319	2331568	2332232	0.29	cps
Copper	63-2	16558584	16523336	16459756	16513892	0.30	cps
Dysprosium	156-1	317	383	297	332	13.66	cps
Dysprosium	156-2	307	367	403	359	13.60	cps
Erbium	164-1	190	177	180	182	3.81	cps
Erbium	164-2	123	110	90	108	15.57	cps
Gadolinium	160-1	303	320	313	312	2.69	cps
Gadolinium	160-2	480	563	567	537	9.15	cps
Holmium	165-1	9695194	11045540	11140246	10626993	7.61	cps
Holmium	165-2	7236219	7211971	7229776	7225989	0.17	cps
Indium	115-1	6979722	7914173	8100204	7664700	7.83	cps
Indium	115-2	2468380	2416165	2401342	2428629	1.45	cps
Iron	56-2	67577394	68226324	67531474	67778397	0.57	cps
Iron	57-2	1727234	1748892	1698135	1724754	1.48	cps
Iron	54-2	3856937	3783336	3825081	3821784	0.97	cps
Krypton	83-1	220	167	197	194	13.75	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BS	Instrumnet Name :	P7
Client Sample ID :	PB156670BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:13:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17788111	17764486	17598418	17717005	0.58	cps
Lead	207-1	15634087	15667227	15383805	15561706	1.00	cps
Lead	208-1	71131608	70986707	70365572	70827962	0.57	cps
Lithium	6-1	2644365	2965753	3035490	2881870	7.24	cps
Magnesium	24-2	19299710	19079869	19077734	19152438	0.67	cps
Manganese	55-2	11235126	11076239	11178852	11163405	0.72	cps
Molybdenum	94-1	15131842	14768388	14737144	14879124	1.47	cps
Molybdenum	95-1	21968025	21404275	21414747	21595682	1.49	cps
Molybdenum	96-1	24077044	23343099	23410945	23610363	1.72	cps
Molybdenum	97-1	13504138	13400365	13366966	13423823	0.53	cps
Molybdenum	98-1	34961619	34841611	34319680	34707637	0.98	cps
Neodymium	150-1	507	457	567	510	10.80	cps
Neodymium	150-2	113	107	110	110	3.03	cps
Nickel	60-2	596472	597454	604071	599332	0.69	cps
Phosphorus	31-2	103446	104963	103933	104114	0.74	cps
Potassium	39-2	9213363	9189135	9378809	9260436	1.11	cps
Rhodium	103-1	6349746	7105778	7215206	6890243	6.84	cps
Rhodium	103-2	4068949	4003383	3999962	4024098	0.97	cps
Scandium	45-1	4511611	5049034	5041536	4867394	6.33	cps
Scandium	45-2	385007	385661	385031	385233	0.10	cps
Selenium	82-1	69080	67663	66636	67793	1.81	cps
Selenium	77-2	5391	5414	5454	5420	0.59	cps
Selenium	78-2	18341	18565	18628	18512	0.81	cps
Silicon	28-1	38985899	38823235	37909128	38572754	1.50	cps
Silver	107-1	5223745	5084287	5084158	5130730	1.57	cps
Silver	109-1	5042379	4934049	4883248	4953225	1.64	cps
Sodium	23-2	31309650	31177014	31219613	31235426	0.22	cps
Strontium	86-1	35105580	34204828	34059724	34456711	1.64	cps
Strontium	88-1	306313142	300571489	298820869	301901833	1.30	cps
Sulfur	34-1	683666	667785	649736	667062	2.54	cps
Terbium	159-1	9817404	11169367	11210263	10732345	7.39	cps
Terbium	159-2	7067306	7052097	7069221	7062875	0.13	cps
Thallium	203-1	4330372	4262905	4333537	4308938	0.93	cps
Thallium	205-1	10154458	10242364	10218915	10205245	0.45	cps
Tin	118-1	3588601	3536980	3520820	3548801	1.00	cps
Titanium	47-1	5839681	5695876	5647053	5727537	1.75	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	PB156670BS	Instrumnet Name :	P7
Client Sample ID :	PB156670BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:13:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14018257	14311469	14269303	14199676	1.12	cps
Vanadium	51-2	1325059	1316854	1339550	1327154	0.87	cps
Yttrium	89-1	11793747	13165349	13154834	12704643	6.21	cps
Yttrium	89-2	2930007	2906956	2943864	2926943	0.64	cps
Zinc	66-2	2699256	2714671	2674929	2696285	0.74	cps
Zirconium	90-1	7387260	7245176	7165544	7265994	1.55	cps
Zirconium	91-1	1665102	1612909	1609934	1629315	1.90	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:21:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18852705	19084538	18856041	18931095	0.70	cps
Antimony	121-1	4458421	4510937	4493687	4487682	0.60	cps
Arsenic	75-2	1375357	1366603	1361087	1367682	0.53	cps
Barium	135-1	5478545	5499641	5468872	5482353	0.29	cps
Barium	137-1	9595611	9526259	9537664	9553178	0.39	cps
Beryllium	9-1	7960052	7881384	7856411	7899282	0.68	cps
Bismuth	209-1	6930812	6965631	7025215	6973886	0.68	cps
Bismuth	209-2	5139711	5226621	5142083	5169472	0.96	cps
Bromine	81-1	14440	14190	14384	14338	0.92	cps
Bromine	81-2	1130	1127	1287	1181	7.74	cps
Cadmium	108-1	389569	389880	385566	388338	0.62	cps
Cadmium	106-1	535392	533283	527223	531966	0.80	cps
Cadmium	111-1	5934598	5922629	5876242	5911156	0.52	cps
Calcium	43-1	4542902	4541146	4512293	4532114	0.38	cps
Calcium	44-1	71690519	72421862	70635007	71582463	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6002559	5890492	5992842	5961964	1.04	cps
Cobalt	59-2	12042369	12146223	12059204	12082598	0.46	cps
Copper	63-2	10329574	10447918	10236094	10337862	1.03	cps
Dysprosium	156-1	287993	287727	286944	287555	0.19	cps
Dysprosium	156-2	223433	223317	224203	223651	0.22	cps
Erbium	164-1	204585	204981	204078	204548	0.22	cps
Erbium	164-2	127670	127744	127697	127703	0.03	cps
Gadolinium	160-1	244986	242198	241212	242799	0.81	cps
Gadolinium	160-2	166165	162915	162510	163863	1.22	cps
Holmium	165-1	12112306	11827543	12461711	12133853	2.62	cps
Holmium	165-2	7752903	7828964	7792802	7791556	0.49	cps
Indium	115-1	8345544	8436790	8580215	8454183	1.40	cps
Indium	115-2	2514424	2479406	2488178	2494003	0.73	cps
Iron	56-2	586329045	589370898	581877205	585859049	0.64	cps
Iron	57-2	14498680	14532446	14520025	14517050	0.12	cps
Iron	54-2	32626314	32806619	32447793	32626908	0.55	cps
Krypton	83-1	500	600	490	530	11.48	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:21:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14886107	14882347	14700571	14823008	0.72	cps
Lead	207-1	12765364	12558799	12551769	12625311	0.96	cps
Lead	208-1	58111120	58430667	57563992	58035260	0.76	cps
Lithium	6-1	5582680	5534863	5452215	5523253	1.19	cps
Magnesium	24-2	19446146	19351801	19244913	19347620	0.52	cps
Manganese	55-2	7884773	7909768	7941744	7912095	0.36	cps
Molybdenum	94-1	1038211	1028125	1013546	1026627	1.21	cps
Molybdenum	95-1	1732616	1674573	1661050	1689413	2.25	cps
Molybdenum	96-1	1803925	1810934	1792791	1802550	0.51	cps
Molybdenum	97-1	1064388	1057775	1036549	1052904	1.38	cps
Molybdenum	98-1	2734897	2729375	2709917	2724730	0.48	cps
Neodymium	150-1	551033	548097	540373	546501	1.01	cps
Neodymium	150-2	288367	289255	284872	287498	0.81	cps
Nickel	60-2	5523916	5577541	5549999	5550485	0.48	cps
Phosphorus	31-2	102648	101238	100940	101609	0.90	cps
Potassium	39-2	10219442	10125557	10092544	10145848	0.65	cps
Rhodium	103-1	7769224	7627004	7863581	7753270	1.54	cps
Rhodium	103-2	4212221	4205291	4176324	4197945	0.45	cps
Scandium	45-1	5912661	5824527	6032116	5923101	1.76	cps
Scandium	45-2	441912	444046	437163	441040	0.80	cps
Selenium	82-1	361659	358569	357808	359345	0.57	cps
Selenium	77-2	28945	29489	29332	29256	0.96	cps
Selenium	78-2	96284	96619	96153	96352	0.25	cps
Silicon	28-1	89078459	88255289	86771099	88034949	1.33	cps
Silver	107-1	4846236	4689918	4718550	4751568	1.75	cps
Silver	109-1	4637685	4556004	4549554	4581081	1.07	cps
Sodium	23-2	21171005	21319173	20927550	21139243	0.94	cps
Strontium	86-1	1881727	1899091	1869570	1883463	0.79	cps
Strontium	88-1	16446109	16189787	16016066	16217321	1.33	cps
Sulfur	34-1	295484	290640	289492	291872	1.09	cps
Terbium	159-1	12199060	12043474	12523038	12255191	2.00	cps
Terbium	159-2	7618955	7697255	7601925	7639378	0.67	cps
Thallium	203-1	13876135	13961384	13878654	13905391	0.35	cps
Thallium	205-1	33079333	33154035	32882753	33038707	0.42	cps
Tin	118-1	12272893	12136308	12174800	12194667	0.58	cps
Titanium	47-1	2252287	2264415	2192016	2236239	1.73	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:21:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28865268	28639201	28677235	28727235	0.42	cps
Vanadium	51-2	4754808	4727219	4748405	4743477	0.30	cps
Yttrium	89-1	17022010	16644049	17287276	16984445	1.90	cps
Yttrium	89-2	3651615	3676802	3597248	3641888	1.12	cps
Zinc	66-2	3953221	3867906	3887588	3902905	1.14	cps
Zirconium	90-1	182826	180025	178858	180570	1.13	cps
Zirconium	91-1	44527	42926	42946	43466	2.11	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2023-12-06 16:24:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3641726	3682362	3727873	3683987	1.17	cps
Antimony	121-1	862365	866477	871061	866634	0.50	cps
Arsenic	75-2	266985	266408	266628	266674	0.11	cps
Barium	135-1	1031121	1040901	1045041	1039021	0.69	cps
Barium	137-1	1879839	1858085	1866650	1868191	0.59	cps
Beryllium	9-1	1564773	1587847	1570411	1574344	0.76	cps
Bismuth	209-1	6847169	7052167	7033457	6977598	1.62	cps
Bismuth	209-2	5129117	5087577	5115610	5110768	0.41	cps
Bromine	81-1	8963	9280	9033	9092	1.83	cps
Bromine	81-2	320	313	323	319	1.60	cps
Cadmium	108-1	77113	77469	77157	77246	0.25	cps
Cadmium	106-1	110718	111232	111433	111128	0.33	cps
Cadmium	111-1	1177793	1182353	1187269	1182472	0.40	cps
Calcium	43-1	916625	920307	920117	919016	0.23	cps
Calcium	44-1	13636326	13782739	13799989	13739685	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1196737	1190772	1194637	1194048	0.25	cps
Cobalt	59-2	2425038	2404946	2423031	2417672	0.46	cps
Copper	63-2	2116098	2088261	2106422	2103594	0.67	cps
Dysprosium	156-1	55014	56326	55345	55561	1.23	cps
Dysprosium	156-2	43648	43226	43270	43381	0.53	cps
Erbium	164-1	39753	39202	39378	39444	0.71	cps
Erbium	164-2	24662	24438	24395	24498	0.59	cps
Gadolinium	160-1	46524	47845	46630	47000	1.56	cps
Gadolinium	160-2	32598	31636	31983	32072	1.52	cps
Holmium	165-1	11461019	11589961	11607079	11552686	0.69	cps
Holmium	165-2	7339636	7264242	7480321	7361400	1.49	cps
Indium	115-1	8371551	8419355	8322024	8370977	0.58	cps
Indium	115-2	2532130	2489910	2533665	2518568	0.99	cps
Iron	56-2	116279065	115914962	114924168	115706065	0.61	cps
Iron	57-2	2871521	2874174	2901085	2882260	0.57	cps
Iron	54-2	6352325	6323694	6351579	6342533	0.26	cps
Krypton	83-1	210	213	237	220	6.60	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2023-12-06 16:24:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2968139	2966927	2978646	2971237	0.22	cps
Lead	207-1	2527353	2569495	2536232	2544360	0.87	cps
Lead	208-1	11623218	11685203	11711976	11673466	0.39	cps
Lithium	6-1	3436933	3394645	3449426	3427001	0.84	cps
Magnesium	24-2	3758688	3832250	3803192	3798044	0.98	cps
Manganese	55-2	1583476	1539216	1556663	1559785	1.43	cps
Molybdenum	94-1	195789	196033	196750	196191	0.25	cps
Molybdenum	95-1	323650	324891	327243	325261	0.56	cps
Molybdenum	96-1	348045	351482	348782	349436	0.52	cps
Molybdenum	97-1	202769	205591	204493	204284	0.70	cps
Molybdenum	98-1	527778	528974	522297	526350	0.68	cps
Neodymium	150-1	104315	106619	107368	106101	1.50	cps
Neodymium	150-2	55897	56563	55325	55928	1.11	cps
Nickel	60-2	1112516	1105209	1107195	1108307	0.34	cps
Phosphorus	31-2	19733	19482	19943	19719	1.17	cps
Potassium	39-2	2048750	1999770	2045673	2031397	1.35	cps
Rhodium	103-1	7549999	7651848	7603371	7601740	0.67	cps
Rhodium	103-2	4212397	4175885	4186781	4191688	0.45	cps
Scandium	45-1	5250513	5359682	5279676	5296624	1.07	cps
Scandium	45-2	395496	397128	401590	398072	0.79	cps
Selenium	82-1	68710	70003	70225	69646	1.17	cps
Selenium	77-2	5718	5921	5611	5750	2.74	cps
Selenium	78-2	18535	19022	18872	18810	1.33	cps
Silicon	28-1	18106109	18094870	17980895	18060625	0.38	cps
Silver	107-1	950432	955454	967110	957666	0.89	cps
Silver	109-1	911933	914359	915229	913840	0.19	cps
Sodium	23-2	4122096	4128079	4124770	4124982	0.07	cps
Strontium	86-1	361075	359685	357992	359584	0.43	cps
Strontium	88-1	3181546	3142880	3141974	3155467	0.72	cps
Sulfur	34-1	236236	236966	237362	236854	0.24	cps
Terbium	159-1	11620860	11739549	11582424	11647611	0.70	cps
Terbium	159-2	7280369	7321678	7378403	7326817	0.67	cps
Thallium	203-1	2771000	2802817	2823245	2799021	0.94	cps
Thallium	205-1	6521091	6531254	6674754	6575700	1.31	cps
Tin	118-1	2436852	2402048	2416090	2418330	0.72	cps
Titanium	47-1	438038	441262	443613	440971	0.63	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2023-12-06 16:24:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5506173	5537669	5640958	5561600	1.27	cps
Vanadium	51-2	935409	939005	932581	935665	0.34	cps
Yttrium	89-1	14029306	14393965	14360969	14261413	1.41	cps
Yttrium	89-2	3083197	3126919	3110992	3107036	0.71	cps
Zinc	66-2	802831	800884	801201	801639	0.13	cps
Zirconium	90-1	34881	34808	35249	34979	0.68	cps
Zirconium	91-1	8356	8336	8116	8269	1.61	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2023-12-06 16:27:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1871209	1895435	1858299	1874981	1.01	cps
Antimony	121-1	433145	440188	435981	436438	0.81	cps
Arsenic	75-2	133975	133625	134631	134077	0.38	cps
Barium	135-1	518814	526211	527384	524136	0.89	cps
Barium	137-1	905078	909151	922446	912225	1.00	cps
Beryllium	9-1	808448	805941	799994	804794	0.54	cps
Bismuth	209-1	6894786	7046027	6980491	6973768	1.09	cps
Bismuth	209-2	5155132	5096942	5176132	5142735	0.80	cps
Bromine	81-1	8879	8723	8099	8567	4.82	cps
Bromine	81-2	187	143	190	173	15.02	cps
Cadmium	108-1	38451	38561	39708	38907	1.79	cps
Cadmium	106-1	58956	59618	58986	59186	0.63	cps
Cadmium	111-1	603640	604446	604684	604256	0.09	cps
Calcium	43-1	463050	465950	462193	463731	0.42	cps
Calcium	44-1	6953054	6833603	6982879	6923179	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	603113	601187	600289	601530	0.24	cps
Cobalt	59-2	1223707	1225813	1220761	1223427	0.21	cps
Copper	63-2	1062996	1074236	1055200	1064144	0.90	cps
Dysprosium	156-1	28425	28365	28058	28283	0.70	cps
Dysprosium	156-2	22608	21910	22368	22296	1.59	cps
Erbium	164-1	19821	20205	19934	19987	0.99	cps
Erbium	164-2	12329	12296	12789	12471	2.21	cps
Gadolinium	160-1	23393	23890	23129	23471	1.65	cps
Gadolinium	160-2	16076	16310	16363	16249	0.94	cps
Holmium	165-1	11368677	11523297	11579266	11490414	0.95	cps
Holmium	165-2	7331058	7361768	7325091	7339306	0.27	cps
Indium	115-1	8432990	8392841	8467347	8431059	0.44	cps
Indium	115-2	2567259	2517759	2569780	2551599	1.15	cps
Iron	56-2	58582026	58597217	57243902	58141049	1.34	cps
Iron	57-2	1456992	1460478	1449688	1455719	0.38	cps
Iron	54-2	3283817	3261485	3259248	3268183	0.42	cps
Krypton	83-1	167	167	180	171	4.50	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2023-12-06 16:27:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1389855	1414030	1421230	1408372	1.17	cps
Lead	207-1	1196882	1200393	1209970	1202415	0.56	cps
Lead	208-1	5699720	5744619	5775351	5739897	0.66	cps
Lithium	6-1	3284098	3234781	3243588	3254156	0.81	cps
Magnesium	24-2	1919886	1931598	1937623	1929702	0.47	cps
Manganese	55-2	796608	802119	801068	799932	0.37	cps
Molybdenum	94-1	99713	99999	100458	100057	0.38	cps
Molybdenum	95-1	162939	165393	164232	164188	0.75	cps
Molybdenum	96-1	175870	176521	178535	176975	0.79	cps
Molybdenum	97-1	101918	102650	102046	102205	0.38	cps
Molybdenum	98-1	264478	267349	263996	265274	0.68	cps
Neodymium	150-1	51982	54354	53059	53132	2.24	cps
Neodymium	150-2	27958	28145	27951	28018	0.39	cps
Nickel	60-2	568890	561454	569565	566636	0.79	cps
Phosphorus	31-2	10070	10470	10360	10300	2.01	cps
Potassium	39-2	1098989	1089750	1102786	1097175	0.61	cps
Rhodium	103-1	7680201	7667656	7673463	7673774	0.08	cps
Rhodium	103-2	4192325	4156586	4273067	4207326	1.42	cps
Scandium	45-1	5297810	5317430	5301706	5305649	0.20	cps
Scandium	45-2	396230	395217	397480	396309	0.29	cps
Selenium	82-1	34979	35147	35172	35099	0.30	cps
Selenium	77-2	2834	2947	2937	2906	2.16	cps
Selenium	78-2	9413	9530	9763	9569	1.86	cps
Silicon	28-1	9661514	9701789	9740426	9701243	0.41	cps
Silver	107-1	486530	488760	488892	488061	0.27	cps
Silver	109-1	465291	466465	469351	467036	0.45	cps
Sodium	23-2	2095309	2099400	2102721	2099143	0.18	cps
Strontium	86-1	179817	182577	179330	180575	0.97	cps
Strontium	88-1	1602011	1585639	1562589	1583413	1.25	cps
Sulfur	34-1	237426	234062	234955	235481	0.74	cps
Terbium	159-1	11829622	11913724	11795580	11846309	0.51	cps
Terbium	159-2	7213335	7203139	7315444	7243973	0.86	cps
Thallium	203-1	1296163	1319452	1329598	1315071	1.30	cps
Thallium	205-1	3232749	3304310	3320236	3285765	1.42	cps
Tin	118-1	1191492	1195360	1207258	1198037	0.69	cps
Titanium	47-1	219976	221876	222789	221547	0.65	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	O5047-10DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2023-12-06 16:27:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2822956	2818700	2759247	2800301	1.27	cps
Vanadium	51-2	469563	471241	468614	469806	0.28	cps
Yttrium	89-1	13955360	13949361	14004608	13969776	0.22	cps
Yttrium	89-2	3060391	3046338	3017533	3041421	0.72	cps
Zinc	66-2	408468	405425	410604	408166	0.64	cps
Zirconium	90-1	17921	17928	17894	17914	0.10	cps
Zirconium	91-1	4071	4487	4454	4337	5.34	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:30:17	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9289287	9265183	9358820	9304430	0.52	cps
Antimony	121-1	3715499	3796415	3770165	3760693	1.10	cps
Arsenic	75-2	170045	170207	172065	170772	0.66	cps
Barium	135-1	5013885	5138603	5188812	5113767	1.76	cps
Barium	137-1	8717254	8916355	8980271	8871293	1.55	cps
Beryllium	9-1	1098617	1093135	1105657	1099136	0.57	cps
Bismuth	209-1	6067468	6192028	6065512	6108336	1.19	cps
Bismuth	209-2	4485132	4548088	4572646	4535289	1.00	cps
Bromine	81-1	8322	8229	9060	8537	5.33	cps
Bromine	81-2	167	227	180	191	16.49	cps
Cadmium	108-1	75194	76346	75354	75631	0.83	cps
Cadmium	106-1	109821	111477	111406	110901	0.84	cps
Cadmium	111-1	1008140	1017792	1022119	1016017	0.70	cps
Calcium	43-1	5886732	5903104	5977533	5922456	0.82	cps
Calcium	44-1	91764812	93692302	93668575	93041896	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1449587	1456691	1472331	1459536	0.80	cps
Cobalt	59-2	2267933	2290693	2328971	2295866	1.34	cps
Copper	63-2	15332249	15313152	15387849	15344417	0.25	cps
Dysprosium	156-1	967	987	983	979	1.09	cps
Dysprosium	156-2	810	923	927	887	7.49	cps
Erbium	164-1	317	270	300	296	8.00	cps
Erbium	164-2	163	203	177	181	11.25	cps
Gadolinium	160-1	1027	1200	1053	1093	8.54	cps
Gadolinium	160-2	1007	1080	1107	1064	4.87	cps
Holmium	165-1	10677091	10828547	10785655	10763764	0.73	cps
Holmium	165-2	6877549	6959482	6938989	6925340	0.62	cps
Indium	115-1	7546587	7618263	7467179	7544010	1.00	cps
Indium	115-2	2315324	2322392	2356620	2331445	0.95	cps
Iron	56-2	315580529	316099995	318350469	316676998	0.46	cps
Iron	57-2	7817212	7824158	7882090	7841153	0.45	cps
Iron	54-2	17333525	17349894	17587034	17423484	0.81	cps
Krypton	83-1	180	150	223	184	19.99	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:30:17	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16149516	16329892	16264634	16248014	0.56	cps
Lead	207-1	14091616	14394053	14363599	14283090	1.17	cps
Lead	208-1	64065686	65210159	65168903	64814916	1.00	cps
Lithium	6-1	2790654	2903312	2819571	2837846	2.06	cps
Magnesium	24-2	90088769	89570992	91116895	90258885	0.87	cps
Manganese	55-2	10379588	10434485	10667615	10493896	1.46	cps
Molybdenum	94-1	13819882	13993504	14014790	13942725	0.77	cps
Molybdenum	95-1	19875973	20255499	20245977	20125816	1.08	cps
Molybdenum	96-1	21677199	22077341	22082789	21945776	1.06	cps
Molybdenum	97-1	12497459	12597868	12542821	12546049	0.40	cps
Molybdenum	98-1	32440207	32421819	32538429	32466818	0.19	cps
Neodymium	150-1	563	560	567	563	0.59	cps
Neodymium	150-2	160	160	163	161	1.20	cps
Nickel	60-2	565916	567401	573436	568918	0.70	cps
Phosphorus	31-2	99182	97692	98937	98604	0.81	cps
Potassium	39-2	42173522	42872183	43069614	42705106	1.10	cps
Rhodium	103-1	6602745	6545794	6613623	6587387	0.55	cps
Rhodium	103-2	3660413	3689538	3743787	3697913	1.14	cps
Scandium	45-1	4828930	4905951	4880614	4871831	0.81	cps
Scandium	45-2	370210	374077	374447	372911	0.63	cps
Selenium	82-1	62332	62930	63829	63030	1.20	cps
Selenium	77-2	5151	5314	5284	5250	1.66	cps
Selenium	78-2	17691	17464	17641	17598	0.68	cps
Silicon	28-1	36782879	36943534	37327463	37017959	0.76	cps
Silver	107-1	4838294	4833062	4805369	4825575	0.37	cps
Silver	109-1	4559700	4623622	4635745	4606356	0.89	cps
Sodium	23-2	144940068	143085448	147056794	145027437	1.37	cps
Strontium	86-1	31573300	31620709	31889090	31694366	0.54	cps
Strontium	88-1	275861376	277576489	280323469	277920445	0.81	cps
Sulfur	34-1	618879	615534	611851	615421	0.57	cps
Terbium	159-1	10953563	11022719	11016842	10997708	0.35	cps
Terbium	159-2	6847934	6836574	6892116	6858875	0.43	cps
Thallium	203-1	3970675	3992873	4022004	3995184	0.64	cps
Thallium	205-1	9344652	9335285	9446765	9375567	0.66	cps
Tin	118-1	3225227	3231855	3247523	3234868	0.35	cps
Titanium	47-1	5239397	5331177	5253650	5274742	0.94	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:30:17	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13504035	13646879	13557735	13569550	0.53	cps
Vanadium	51-2	1280235	1278840	1293381	1284152	0.62	cps
Yttrium	89-1	12685972	12804439	12735024	12741812	0.47	cps
Yttrium	89-2	2853535	2839629	2844161	2845775	0.25	cps
Zinc	66-2	2496834	2489144	2534596	2506858	0.97	cps
Zirconium	90-1	6683398	6811420	6860115	6784978	1.35	cps
Zirconium	91-1	1514689	1542153	1552767	1536536	1.28	cps

LB Number :	LB128594	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:37:52	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207	127	190	174	24.19	cps
Antimony	121-1	860	853	1090	934	14.42	cps
Arsenic	75-2	7	7	20	11	69.25	cps
Barium	135-1	20	37	33	30	29.40	cps
Barium	137-1	37	53	30	40	30.04	cps
Beryllium	9-1	557	627	527	570	9.00	cps
Bismuth	209-1	6789249	6817990	6830124	6812454	0.31	cps
Bismuth	209-2	5152781	5194093	5166184	5171019	0.41	cps
Bromine	81-1	8356	8856	8439	8550	3.13	cps
Bromine	81-2	93	110	117	107	11.27	cps
Cadmium	108-1	20	20	13	18	21.66	cps
Cadmium	106-1	4768	4864	4737	4790	1.38	cps
Cadmium	111-1	3373	3444	3394	3404	1.07	cps
Calcium	43-1	597	607	567	590	3.53	cps
Calcium	44-1	15602	15408	15398	15469	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1033	1073	1080	1062	2.38	cps
Cobalt	59-2	70	80	67	72	9.61	cps
Copper	63-2	2684	2740	2687	2704	1.18	cps
Dysprosium	156-1	7	0	3	3	100.05	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	120	80	100	100	20.00	cps
Erbium	164-2	67	53	63	61	11.36	cps
Gadolinium	160-1	67	43	60	57	21.21	cps
Gadolinium	160-2	367	353	417	379	8.81	cps
Holmium	165-1	11205136	11203459	11319647	11242747	0.59	cps
Holmium	165-2	7233894	7186274	7269808	7229992	0.58	cps
Indium	115-1	8432918	8469558	8486796	8463091	0.33	cps
Indium	115-2	2615768	2633444	2580338	2609850	1.04	cps
Iron	56-2	7762	7912	8449	8041	4.49	cps
Iron	57-2	710	777	727	738	4.70	cps
Iron	54-2	1320	1107	1047	1158	12.41	cps
Krypton	83-1	200	163	183	182	10.07	cps

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Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2023-12-06 16:37:52	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1183	1290	1273	1249	4.59	cps
Lead	207-1	1170	1077	1040	1096	6.12	cps
Lead	208-1	5087	4924	5084	5032	1.86	cps
Lithium	6-1	2894258	2973306	2915290	2927618	1.40	cps
Magnesium	24-2	513	553	480	516	7.12	cps
Manganese	55-2	193	150	170	171	12.68	cps
Molybdenum	94-1	417	347	423	396	10.74	cps
Molybdenum	95-1	180	180	237	199	16.45	cps
Molybdenum	96-1	320	363	330	338	6.72	cps
Molybdenum	97-1	143	127	137	136	6.19	cps
Molybdenum	98-1	320	400	417	379	13.64	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	133	123	123	127	4.56	cps
Phosphorus	31-2	300	337	243	293	16.03	cps
Potassium	39-2	54801	56086	56324	55737	1.47	cps
Rhodium	103-1	7780049	7746276	7885512	7803946	0.93	cps
Rhodium	103-2	4353423	4385039	4339949	4359470	0.53	cps
Scandium	45-1	5220523	5319364	5331192	5290360	1.15	cps
Scandium	45-2	394173	397870	397573	396539	0.52	cps
Selenium	82-1	252	292	327	290	12.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	110	130	120	8.33	cps
Silicon	28-1	1237571	1218684	1228245	1228167	0.77	cps
Silver	107-1	307	307	247	287	12.08	cps
Silver	109-1	243	227	220	230	5.23	cps
Sodium	23-2	28974	29118	28700	28931	0.73	cps
Strontium	86-1	380	330	350	353	7.12	cps
Strontium	88-1	520	433	720	558	26.36	cps
Sulfur	34-1	246236	247266	247164	246888	0.23	cps
Terbium	159-1	11520103	11508067	11620466	11549545	0.53	cps
Terbium	159-2	7197844	7154844	7170335	7174341	0.30	cps
Thallium	203-1	757	737	727	740	2.06	cps
Thallium	205-1	1760	1900	1833	1831	3.82	cps
Tin	118-1	1053	1170	1113	1112	5.25	cps
Titanium	47-1	97	127	97	107	16.24	cps

LB Number :	LB128594	Operator :	Jaswal
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	37	63	49	27.55	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	13697690	13762116	13724670	13728159	0.24	cps
Yttrium	89-2	3057766	3025211	3060065	3047681	0.64	cps
Zinc	66-2	347	363	393	368	6.43	cps
Zirconium	90-1	710	707	707	708	0.27	cps
Zirconium	91-1	130	167	150	149	12.33	cps