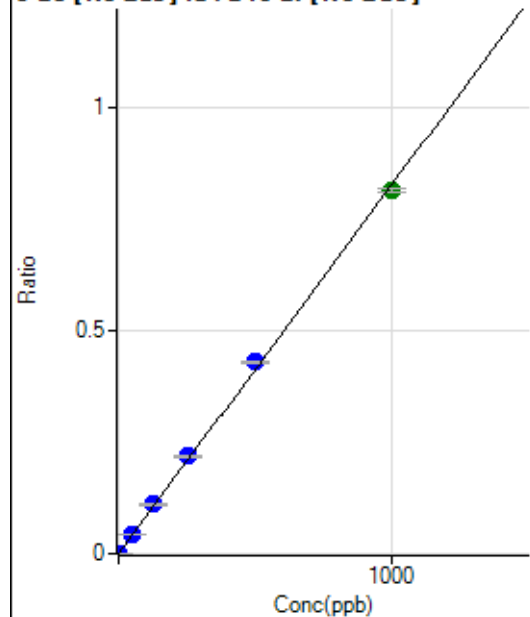


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7120723MS.b\
Analysis File: P7120723MS.batch.bin
DA Date-Time: 2023-12-07 23:59:09
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-12-07 16:11:09
2	006CALS.d	S02	2023-12-07 16:17:42
3	007CALS.d	S03	2023-12-07 16:20:57
4	008CALS.d	S04	2023-12-07 16:24:04
5	009CALS.d	S05	2023-12-07 16:26:57
6	010CALS.d	S06	2023-12-07 16:29:48
7	011CALS.d	S07	2023-12-07 16:32:34
8	012CALS.d	S08	2023-12-07 16:35:22

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0001	P	14.2
2	☐	1.000	1.007	2002.38	0.0009	P	7.7
3	☐	50.000	53.758	98424.30	0.0445	P	3.3
4	☐	125.000	133.490	234575.67	0.1104	P	2.3
5	☐	250.000	263.651	447517.49	0.2179	P	0.5
6	☐	500.000	521.302	865141.30	0.4308	P	1.1
7	☐	1000.000	984.687	1643429.21	0.8136	A	1.0
8	☐			794.47	0.0004	P	5.8

$$y = 8.2619\text{E-}004 * x + 6.3036\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.03257$$

$$BEC = 0.0763$$

Weight: <None>

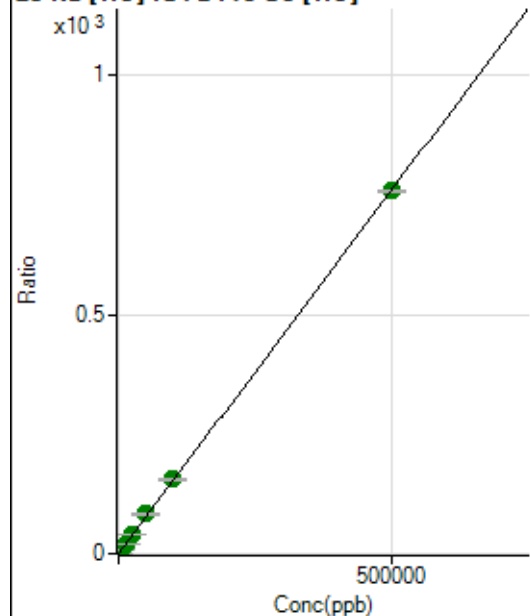
Min Conc: 0

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	23859.66	0.0571	P	0.8
2	☐	500.000	477.080	329805.23	0.7814	P	0.3
3	☐	5000.000	5211.114	3269402.45	7.9694	A	0.2
4	☐	12500.000	13275.290	7927138.84	20.2136	A	0.2
5	☐	25000.000	26002.475	15350554.22	39.5380	A	0.2
6	☐	50000.000	54331.985	29924698.72	82.5522	A	8.3
7	☐	100000.00	102038.82	59074796.90	154.9881	A	1.3
8	☐	500000.00	499087.44	273890782.5	757.8483	A	0.4

$$y = 0.0015 * x + 0.0571$$

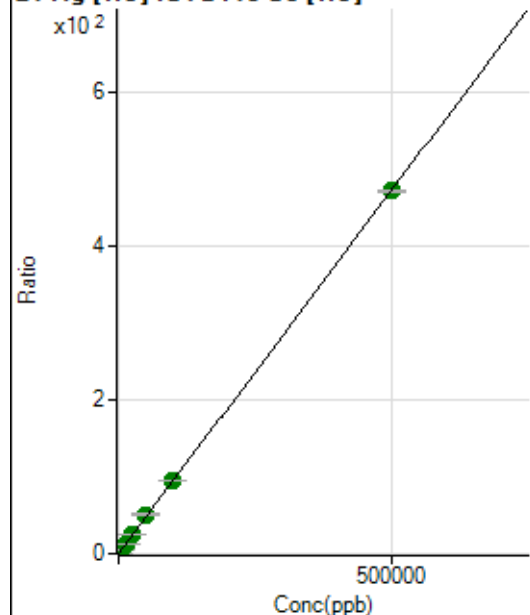
$$R = 1.0000$$

$$DL = 0.8628$$

$$BEC = 37.58$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	316.67	0.0008	P	4.8
2	☐	500.000	479.915	191266.29	0.4532	P	0.8
3	☐	5000.000	5261.113	2034946.90	4.9605	A	1.5
4	☐	12500.000	13222.409	4888784.47	12.4658	A	0.7
5	☐	25000.000	26159.804	9574830.83	24.6621	A	1.1
6	☐	50000.000	54029.711	18468305.14	50.9355	A	7.8
7	☐	100000.00	100910.81	36259985.29	95.1312	A	1.3
8	☐	500000.00	499336.22	170124950.8	470.7339	A	0.8

$$y = 9.4272\text{E-}004 * x + 7.5735\text{E-}004$$

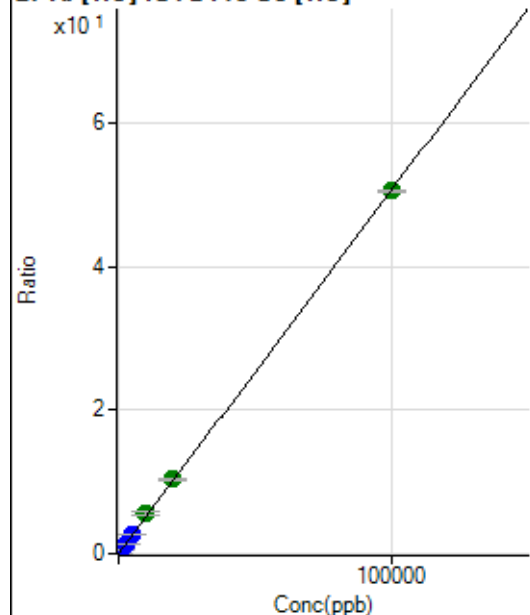
$$R = 1.0000$$

$$DL = 0.1155$$

$$BEC = 0.8034$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	215.56	0.0005	P	12.4
2	☐	20.000	19.909	4474.03	0.0106	P	3.1
3	☐	1000.000	1097.865	228348.33	0.5566	P	0.3
4	☐	2500.000	2711.420	538801.77	1.3739	P	0.4
5	☐	5000.000	5393.944	1060951.39	2.7327	P	0.7
6	☐	10000.000	10879.064	1996652.99	5.5110	A	9.2
7	☐	20000.000	20386.744	3936164.80	10.3269	A	1.2
8	☐	100000.00	99808.784	18271134.04	50.5559	A	0.7

$$y = 5.0652\text{E-}004 * x + 5.1566\text{E-}004$$

$$R = 1.0000$$

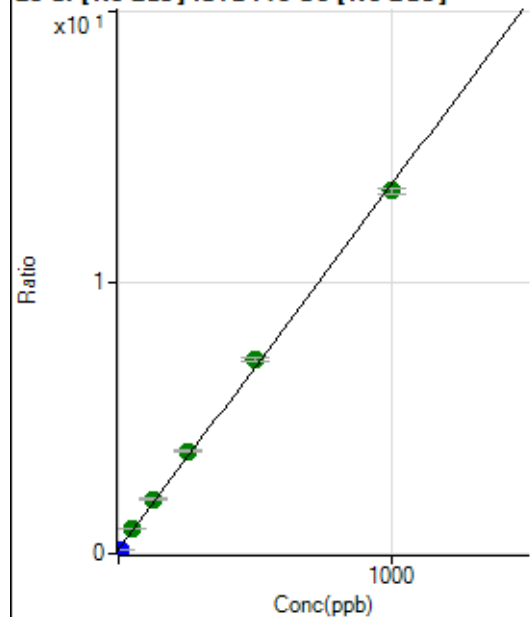
$$DL = 0.3777$$

$$BEC = 1.018$$

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	754981.17	0.1532	P	1.1
2	☐	10.000	0.114	778987.12	0.1548	P	1.8
3	☐	50.000	57.125	4544194.31	0.9233	A	2.5
4	☐	125.000	138.468	9216024.86	2.0199	A	1.3
5	☐	250.000	270.042	16409207.54	3.7936	A	0.4
6	☐	500.000	520.982	31312335.37	7.1765	A	1.5
7	☐	1000.000	982.558	58688562.46	13.3990	A	1.8
8	☐			829905.44	0.1987	P	0.9

$$y = 0.0135 * x + 0.1532$$

$$R = 0.9992$$

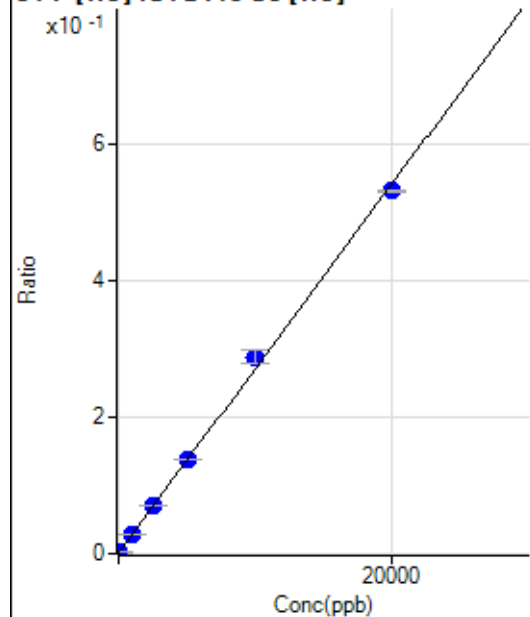
$$DL = 0.3773$$

$$BEC = 11.37$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.395	308.90	0.0007	P	14.0
2	☐	0.000	14.395	638.91	0.0015	P	8.8
3	☐	1000.000	1036.508	11909.16	0.0290	P	0.0
4	☐	2500.000	2544.120	27301.06	0.0696	P	0.7
5	☐	5000.000	5091.947	53655.90	0.1382	P	1.2
6	☐	10000.000	10624.055	104169.97	0.2871	P	6.8
7	☐	20000.000	19657.645	202133.36	0.5303	P	0.5
8	☐			371.12	0.0010	P	11.5

$$y = 2.6920E-005 * x + 0.0011$$

$$R = 0.9993$$

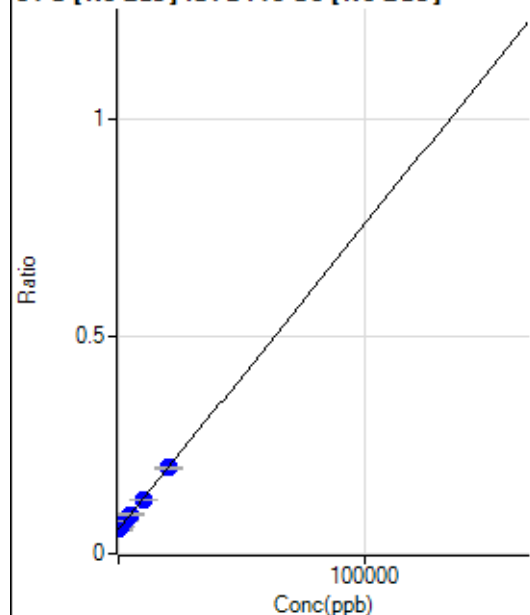
$$DL = 13.17$$

$$BEC = 41.84$$

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	27.260	274481.86	0.0557	P	0.5
2	☐	0.000	-27.260	278468.82	0.0553	P	1.3
3	☐	1000.000	992.741	307581.21	0.0625	P	1.2
4	☐	2500.000	2714.342	340282.49	0.0746	P	0.3
5	☐	5000.000	4975.225	391226.62	0.0905	P	2.1
6	☐	10000.000	9598.143	536286.65	0.1229	P	1.5
7	☐	20000.000	20180.692	863942.65	0.1972	P	0.9
8	☐			207936.40	0.0498	P	3.9

$$y = 7.0227E-006 * x + 0.0555$$

R = 0.9996

DL = 218.7

BEC = 7905

Weight: <None>

Min Conc: 0

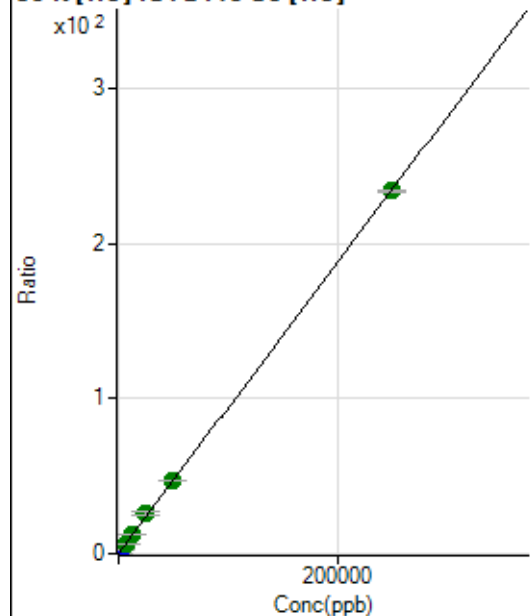
35 Cl [No Gas] No available calibration points



	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	59782.19	0.1430	P	0.5
2	☐	500.000	483.646	251815.43	0.5966	P	0.5
3	☐	2500.000	2749.388	1116700.93	2.7220	P	0.5
4	☐	6250.000	6375.385	2401314.22	6.1234	A	1.3
5	☐	12500.000	12743.631	4696717.53	12.0971	A	0.5
6	☐	25000.000	27165.804	9285107.92	25.6258	A	9.1
7	☐	50000.000	50532.946	18122381.12	47.5454	A	0.5
8	☐	250000.00	249659.05	84690987.07	234.3355	A	0.4

$$y = 9.3805E-004 * x + 0.1430$$

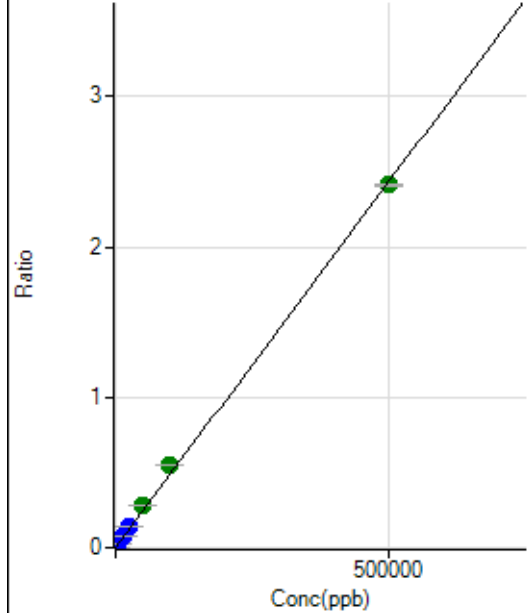
$$R = 1.0000$$

$$DL = 2.193$$

$$BEC = 152.4$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	604.46	0.0001	P	13.0
2	☐	500.000	471.153	12143.84	0.0024	P	1.5
3	☐	5000.000	6002.334	144158.01	0.0293	P	2.4
4	☐	12500.000	15060.003	334478.23	0.0733	P	0.9
5	☐	25000.000	29834.317	627652.38	0.1451	P	0.5
6	☐	50000.000	57285.635	1215139.97	0.2785	A	1.4
7	☐	100000.00	113174.44	2409480.45	0.5501	A	1.6
8	☐	500000.00	496320.83	10074504.99	2.4120	A	0.7

$$y = 4.8595\text{E-}006 * x + 1.2272\text{E-}004$$

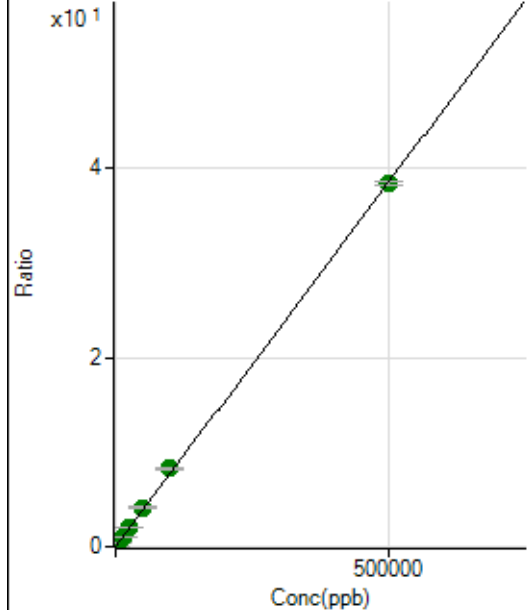
$$R = 0.9996$$

$$DL = 9.884$$

$$BEC = 25.25$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8552.54	0.0017	P	3.0
2	☐	500.000	484.525	196452.85	0.0390	P	1.2
3	☐	5000.000	5524.546	2100908.21	0.4269	A	3.3
4	☐	12500.000	13800.693	4854586.01	1.0639	A	0.2
5	☐	25000.000	27380.555	9123118.40	2.1091	A	1.1
6	☐	50000.000	53915.948	18114209.73	4.1513	A	1.1
7	☐	100000.00	106907.98	36050088.07	8.2298	A	0.4
8	☐	500000.00	498070.03	160119890.9	38.3352	A	1.0

$$y = 7.6964\text{E-}005 * x + 0.0017$$

$$R = 0.9999$$

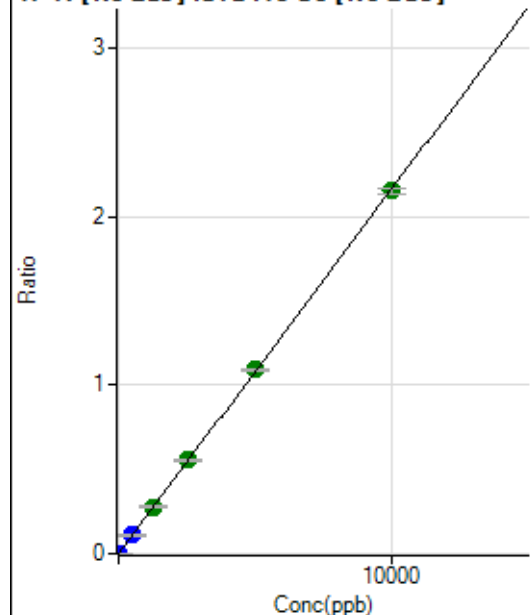
$$DL = 2.056$$

$$BEC = 22.55$$

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	116.67	0.0000	P	20.0
2	☐	5.000	4.686	5220.95	0.0010	P	0.8
3	☐	500.000	507.109	539782.13	0.1097	P	2.8
4	☐	1250.000	1289.607	1272472.71	0.2789	A	2.3
5	☐	2500.000	2561.936	2396578.58	0.5540	A	1.8
6	☐	5000.000	5046.405	4761793.89	1.0913	A	1.3
7	☐	10000.000	9956.007	9430253.68	2.1529	A	1.3
8	☐			3479.33	0.0008	P	2.7

$$y = 2.1624\text{E-}004 * x + 2.3677\text{E-}005$$

$$R = 1.0000$$

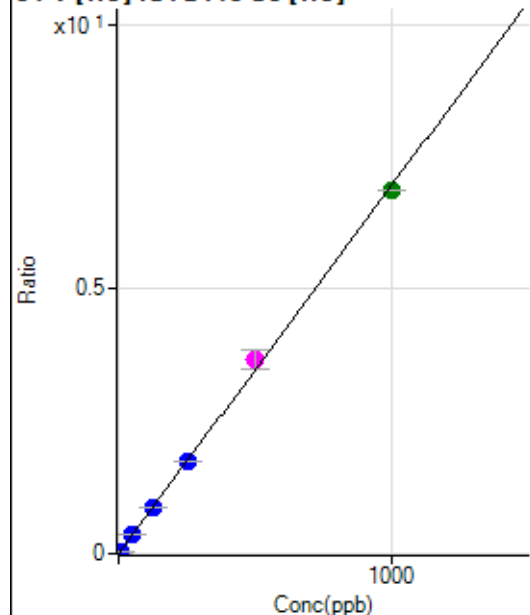
$$DL = 0.06574$$

$$BEC = 0.1095$$

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	3.33	0.0000	P	99.8
2	☐	5.000	4.613	13535.04	0.0321	P	1.1
3	☐	50.000	51.306	146285.20	0.3566	P	0.1
4	☐	125.000	125.405	341800.03	0.8716	P	0.2
5	☐	250.000	251.955	679850.01	1.7511	P	0.4
6	☐	500.000	526.765	1325515.84	3.6610	M	10.4
7	☐	1000.000	986.015	2611982.69	6.8527	A	0.1
8	☐			831.14	0.0023	P	4.8

$$y = 0.0069 * x + 7.9535\text{E-}006$$

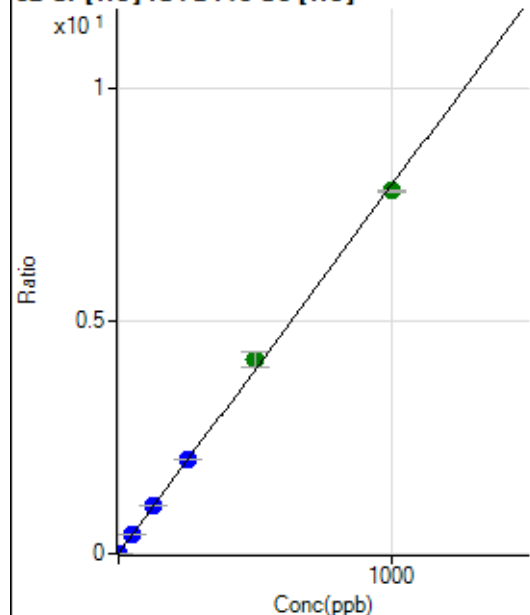
$$R = 0.9995$$

$$DL = 0.003427$$

$$BEC = 0.001144$$

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	1307.85	0.0031	P	5.9
2	☐	2.000	1.845	7479.69	0.0177	P	1.5
3	☐	50.000	52.010	170066.44	0.4145	P	0.4
4	☐	125.000	128.098	398616.99	1.0164	P	0.6
5	☐	250.000	255.265	785187.69	2.0224	P	0.2
6	☐	500.000	525.928	1509572.88	4.1635	A	7.9
7	☐	1000.000	985.233	2971802.21	7.7968	A	0.7
8	☐			8872.68	0.0246	P	1.5

$$y = 0.0079 * x + 0.0031$$

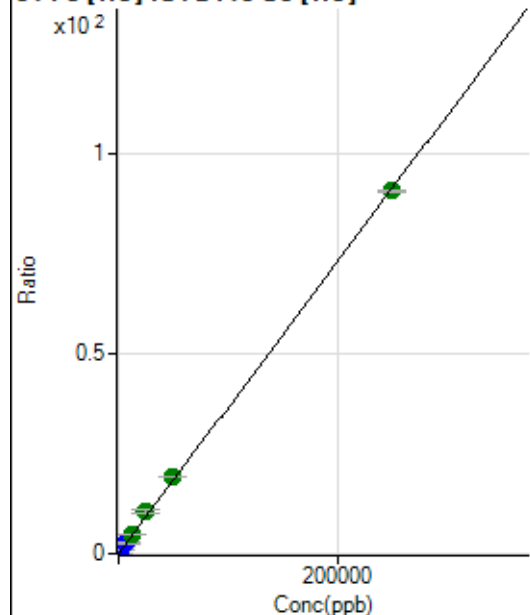
$$R = 0.9995$$

$$DL = 0.07003$$

$$BEC = 0.3953$$

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	1270.07	0.0030	P	7.4
2	☐	50.000	54.475	9660.95	0.0229	P	2.3
3	☐	2500.000	2925.580	438604.61	1.0692	P	0.6
4	☐	6250.000	7260.544	1038785.59	2.6489	P	0.4
5	☐	12500.000	13718.830	1942172.72	5.0023	A	0.8
6	☐	25000.000	28588.329	3778173.87	10.4210	A	8.0
7	☐	50000.000	53060.338	7371190.38	19.3389	A	0.8
8	☐	250000.00	248938.63	32786623.68	90.7192	A	0.5

$$y = 3.6441E-004 * x + 0.0030$$

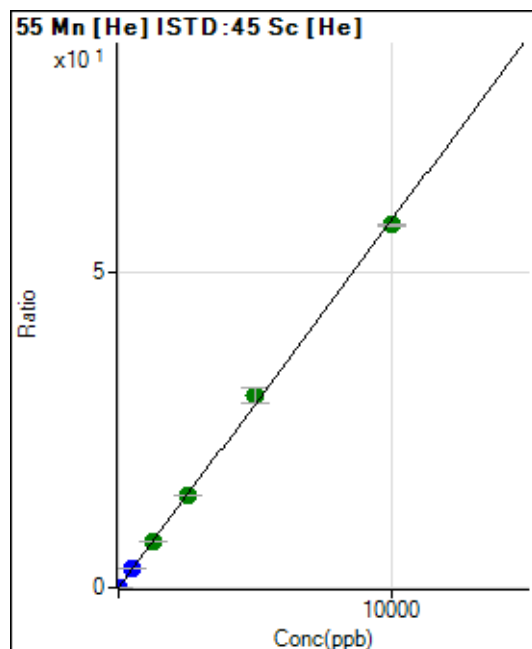
$$R = 0.9998$$

$$DL = 1.853$$

$$BEC = 8.335$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.34	0.0004	P	10.4
2	☐	1.000	0.933	2458.00	0.0058	P	2.4
3	☐	500.000	520.484	1243388.50	3.0309	P	0.5
4	☐	1250.000	1263.349	2884881.83	7.3562	A	0.3
5	☐	2500.000	2498.720	5648681.93	14.5491	A	0.3
6	☐	5000.000	5238.267	11059255.11	30.5001	A	7.8
7	☐	10000.000	9878.494	21923376.62	57.5177	A	0.3
8	☐			13360.46	0.0370	P	3.5

$$y = 0.0058 * x + 3.9056E-004$$

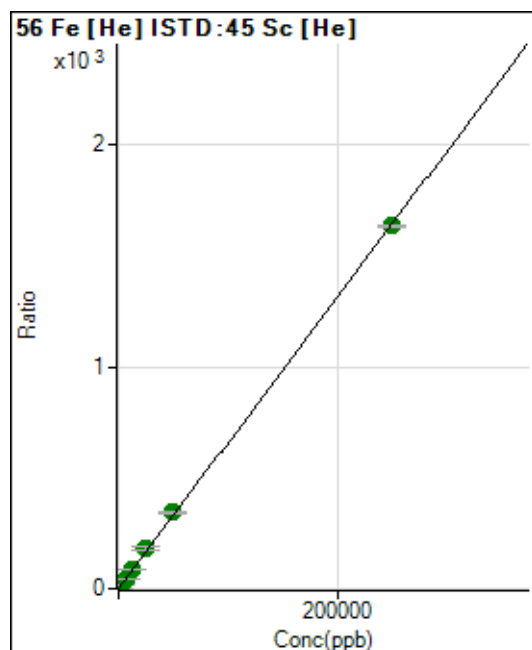
$$R = 0.9996$$

$$DL = 0.02094$$

$$BEC = 0.06708$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7506.38	0.0180	P	2.1
2	☐	50.000	51.653	150709.45	0.3571	P	0.4
3	☐	2500.000	2716.551	7324428.09	17.8537	A	0.9
4	☐	6250.000	6647.598	17123324.05	43.6634	A	0.3
5	☐	12500.000	13343.323	34020068.94	87.6248	A	0.3
6	☐	25000.000	27936.964	66506944.56	183.4408	A	8.0
7	☐	50000.000	52179.096	130586956.9	342.6048	A	0.2
8	☐	250000.00	249216.21	591354315.6	1,636.271	A	0.8

$$y = 0.0066 * x + 0.0180$$

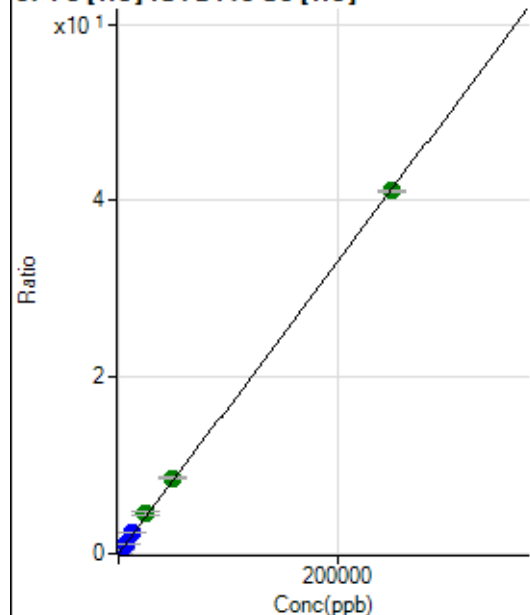
$$R = 0.9999$$

$$DL = 0.1759$$

$$BEC = 2.734$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	924.48	0.0022	P	6.2
2	☐	50.000	52.506	4588.53	0.0109	P	1.8
3	☐	2500.000	2875.023	195454.19	0.4764	P	0.7
4	☐	6250.000	7038.963	456207.61	1.1633	P	0.5
5	☐	12500.000	14133.190	905962.45	2.3335	P	0.2
6	☐	25000.000	28265.714	1690132.02	4.6646	A	9.1
7	☐	50000.000	52098.737	3276344.12	8.5958	A	1.7
8	☐	250000.00	249148.54	14853381.17	41.0989	A	0.3

$$y = 1.6495E-004 * x + 0.0022$$

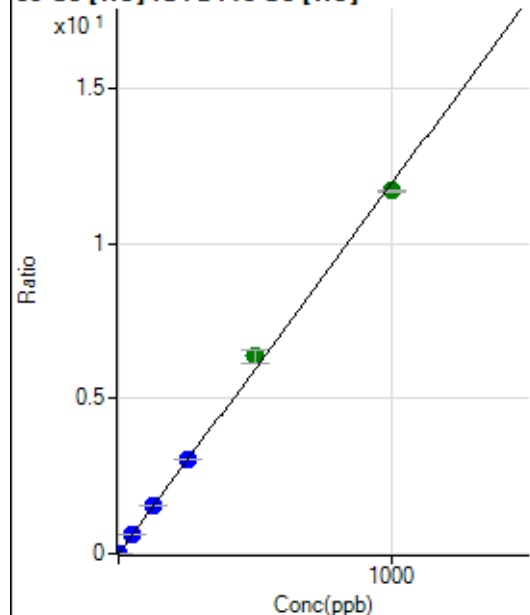
R = 0.9999

DL = 2.477

BEC = 13.4

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	95.56	0.0002	P	20.1
2	☐	1.000	0.998	5117.58	0.0121	P	1.6
3	☐	50.000	52.201	255378.11	0.6225	P	0.5
4	☐	125.000	128.977	603041.53	1.5377	P	0.1
5	☐	250.000	255.720	1183598.37	3.0486	P	0.4
6	☐	500.000	533.565	2306955.66	6.3607	A	7.3
7	☐	1000.000	981.180	4458232.05	11.6965	A	0.2
8	☐			12933.44	0.0358	P	3.6

$$y = 0.0119 * x + 2.2861E-004$$

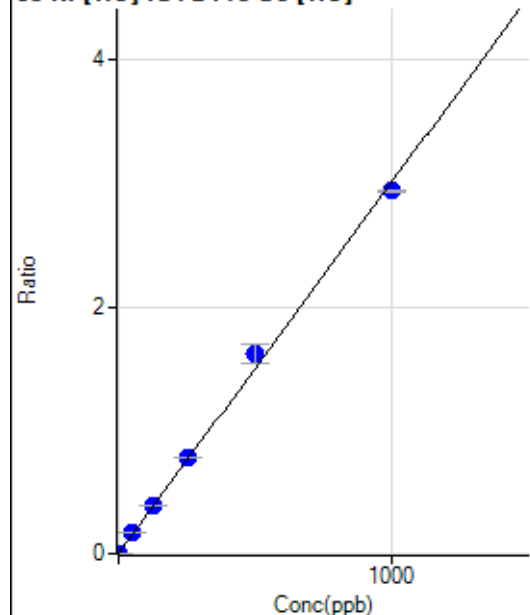
R = 0.9991

DL = 0.01159

BEC = 0.01918

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	115.56	0.0003	P	16.1
2	☐	1.000	0.976	1356.74	0.0032	P	3.1
3	☐	50.000	54.736	67694.00	0.1650	P	0.4
4	☐	125.000	130.796	154472.54	0.3939	P	1.4
5	☐	250.000	258.166	301759.40	0.7772	P	0.6
6	☐	500.000	538.974	587789.35	1.6223	P	9.2
7	☐	1000.000	977.510	1121424.41	2.9421	P	0.6
8	☐			3906.10	0.0108	P	4.6

$$y = 0.0030 * x + 2.7640E-004$$

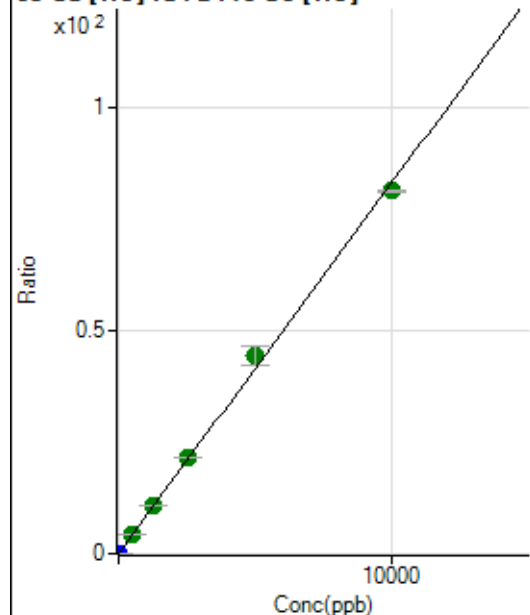
$$R = 0.9988$$

$$DL = 0.04437$$

$$BEC = 0.09184$$

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	3536.01	0.0085	P	1.3
2	☐	2.000	1.878	10145.73	0.0240	P	2.3
3	☐	500.000	535.921	1827965.02	4.4557	A	1.4
4	☐	1250.000	1302.444	4241861.12	10.8165	A	0.8
5	☐	2500.000	2574.799	8298778.07	21.3749	A	0.5
6	☐	5000.000	5362.796	16124669.07	44.5106	A	9.4
7	☐	10000.000	9791.551	30973568.71	81.2618	A	0.5
8	☐			12060.50	0.0334	P	4.2

$$y = 0.0083 * x + 0.0085$$

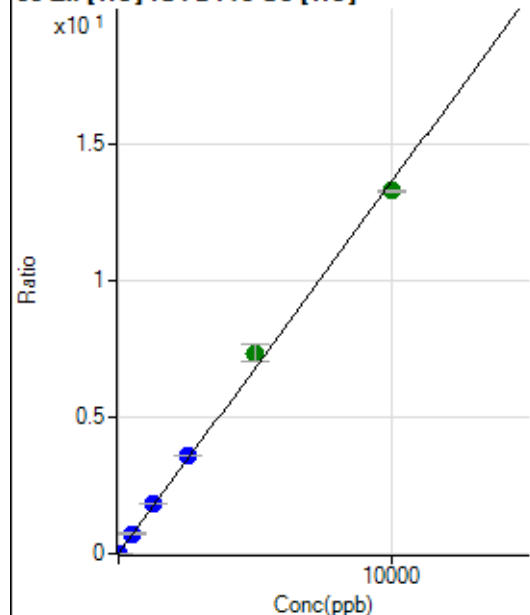
$$R = 0.9990$$

$$DL = 0.03978$$

$$BEC = 1.019$$

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	745.58	0.0018	P	5.3
2	☐	5.000	4.071	3089.24	0.0073	P	2.5
3	☐	500.000	541.447	302758.08	0.7380	P	0.3
4	☐	1250.000	1326.250	707915.27	1.8051	P	0.4
5	☐	2500.000	2635.782	1392145.67	3.5857	P	0.2
6	☐	5000.000	5386.556	2654806.56	7.3260	A	8.9
7	☐	10000.000	9761.173	5059604.58	13.2742	A	0.8
8	☐			5706.69	0.0158	P	0.7

$$y = 0.0014 * x + 0.0018$$

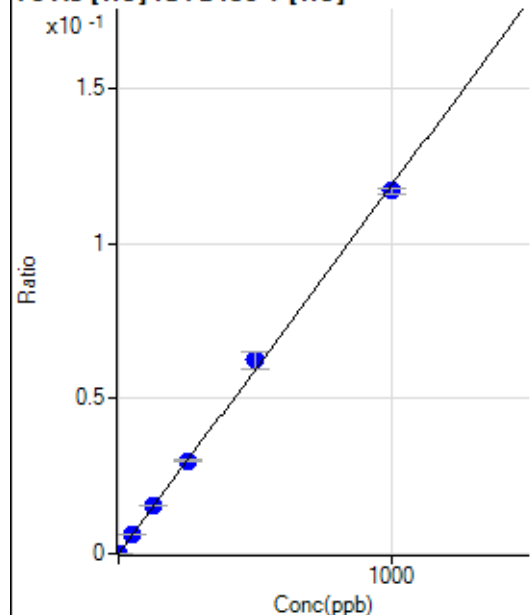
$$R = 0.9988$$

$$DL = 0.2092$$

$$BEC = 1.311$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	45.7
2	☐	1.000	0.956	383.34	0.0001	P	7.7
3	☐	50.000	50.481	18919.90	0.0060	P	0.6
4	☐	125.000	128.758	45241.01	0.0153	P	1.2
5	☐	250.000	252.237	89082.82	0.0300	P	1.1
6	☐	500.000	526.405	175724.04	0.0626	P	8.7
7	☐	1000.000	985.745	342263.18	0.1172	P	1.9
8	☐			145.56	0.0001	P	24.3

$$y = 1.1887E-004 * x + 3.4482E-006$$

$$R = 0.9995$$

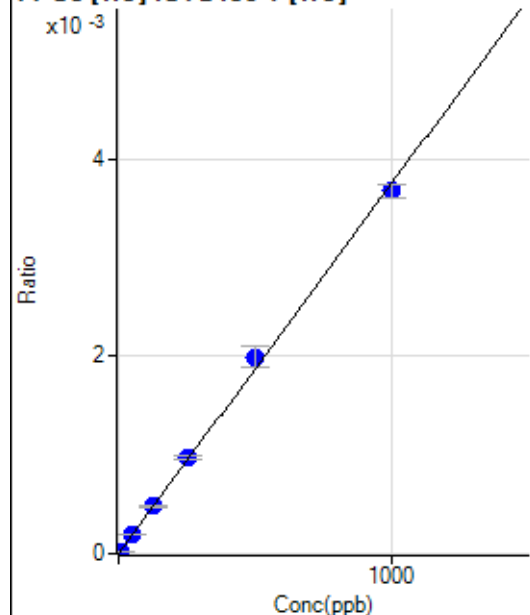
$$DL = 0.0398$$

$$BEC = 0.02901$$

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	5.159	63.33	0.0000	P	27.1
3	☐	50.000	51.460	607.80	0.0002	P	3.9
4	☐	125.000	127.582	1413.42	0.0005	P	2.8
5	☐	250.000	261.600	2912.53	0.0010	P	3.9
6	☐	500.000	531.935	5595.55	0.0020	P	10.5
7	☐	1000.000	980.736	10735.06	0.0037	P	3.6
8	☐			48.89	0.0000	P	16.1

$$y = 3.7479\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

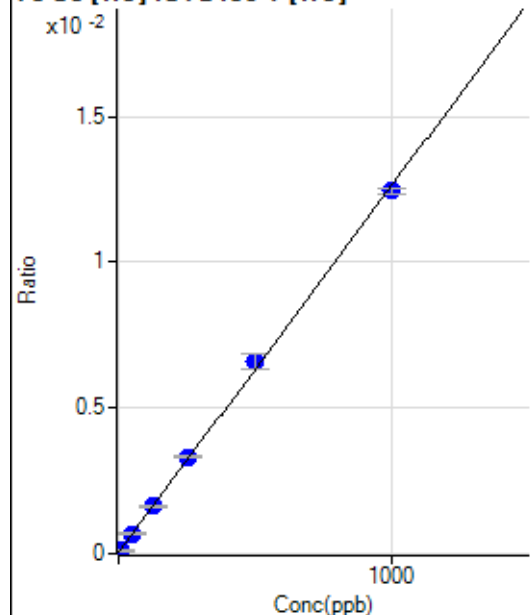
$$\text{DL} = 0$$

$$\text{BEC} = 0$$

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	128.89	0.0000	P	13.1
2	☐	5.000	4.746	326.67	0.0001	P	5.3
3	☐	50.000	51.413	2164.63	0.0007	P	6.0
4	☐	125.000	126.962	4840.84	0.0016	P	2.9
5	☐	250.000	260.529	9858.91	0.0033	P	2.3
6	☐	500.000	521.591	18547.28	0.0066	P	8.6
7	☐	1000.000	986.258	36371.29	0.0125	P	1.9
8	☐			347.79	0.0001	P	4.4

$$y = 1.2585\text{E-}005 * x + 4.0004\text{E-}005$$

$$R = 0.9996$$

$$\text{DL} = 1.248$$

$$\text{BEC} = 3.179$$

Weight: <None>

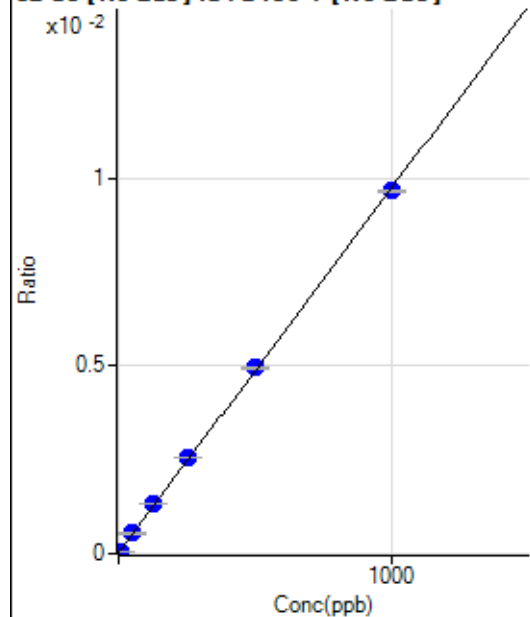
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8711.54		P	1.4
2	☐			8810.50		P	3.4
3	☐			8216.81		P	3.4
4	☐			7423.05		P	1.6
5	☐			7180.71		P	3.7
6	☐			7269.64		P	1.7
7	☐			7629.81		P	1.2
8	☐			10595.04		P	10.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			142.23		P	12.0
2	☐			150.00		P	8.9
3	☐			94.45		P	18.1
4	☐			98.89		P	19.7
5	☐			113.33		P	25.5
6	☐			100.00		P	15.3
7	☐			98.89		P	18.6
8	☐			586.69		P	4.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	357.01	0.0000	P	5.0
2	☐	5.000	4.183	892.55	0.0001	P	5.3
3	☐	50.000	52.690	6869.42	0.0005	P	4.3
4	☐	125.000	133.740	15802.81	0.0013	P	0.4
5	☐	250.000	261.336	29685.05	0.0026	P	1.3
6	☐	500.000	506.650	58422.79	0.0049	P	0.9
7	☐	1000.000	992.618	113139.39	0.0097	P	0.7
8	☐			887.98	0.0001	P	8.8

$$y = 9.6987E-006 * x + 2.7869E-005$$

R = 0.9999

DL = 0.4299

BEC = 2.873

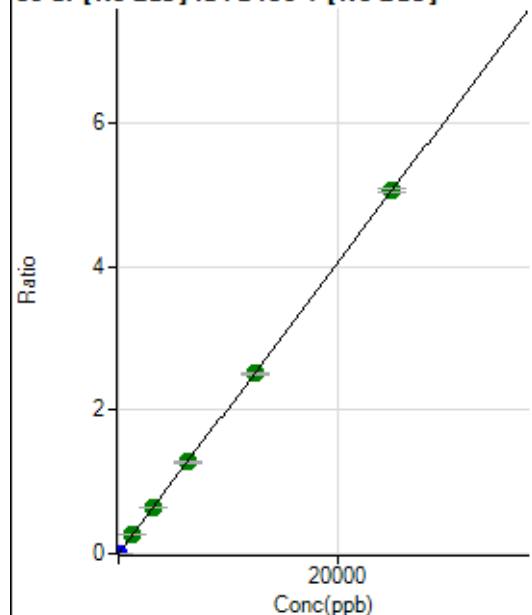
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			161.11		P	11.4
2	☐			173.34		P	10.7
3	☐			157.78		P	16.4
4	☐			133.33		P	24.1
5	☐			144.45		P	19.2
6	☐			141.11		P	21.9
7	☐			191.12		P	15.8
8	☐			187.78		P	12.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.23	0.0000	P	1.4
2	☐	1.000	0.861	2546.91	0.0002	P	5.6
3	☐	1250.000	1274.665	3284511.44	0.2576	A	2.2
4	☐	3125.000	3205.664	7726151.14	0.6478	A	0.5
5	☐	6250.000	6311.782	14775900.75	1.2754	A	0.8
6	☐	12500.000	12403.660	29632119.84	2.5064	A	1.7
7	☐	25000.000	25021.408	59248913.00	5.0561	A	1.0
8	☐			18456.17	0.0017	P	8.3

$$y = 2.0207\text{E-}004 * x + 2.1255\text{E-}005$$

$$R = 1.0000$$

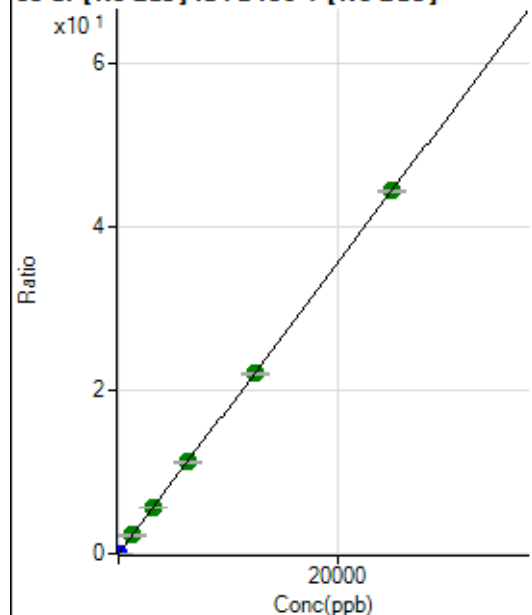
$$DL = 0.004429$$

$$BEC = 0.1052$$

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	135.56	0.0000	P	19.0
2	☐	1.000	0.897	20865.99	0.0016	P	0.6
3	☐	1250.000	1263.144	28533099.58	2.2376	A	1.5
4	☐	3125.000	3184.744	67287169.00	5.6416	A	0.5
5	☐	6250.000	6313.138	129557388.0	11.1833	A	0.9
6	☐	12500.000	12409.425	259886100.5	21.9825	A	1.5
7	☐	25000.000	25021.378	519412392.2	44.3238	A	0.8
8	☐			161048.93	0.0148	P	8.5

$$y = 0.0018 * x + 1.0582\text{E-}005$$

$$R = 1.0000$$

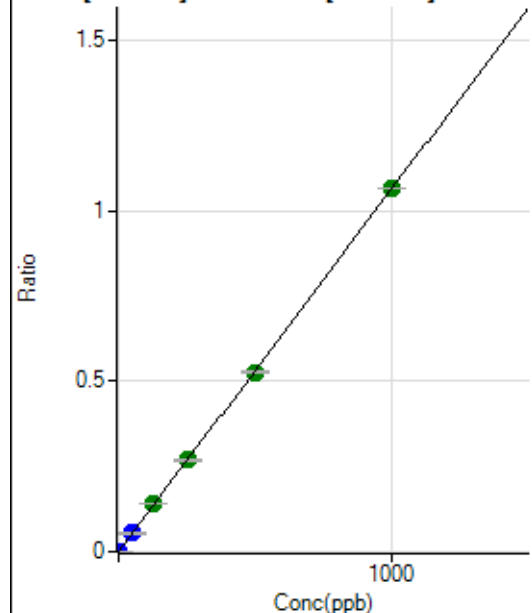
$$DL = 0.003402$$

$$BEC = 0.005974$$

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	473.35	0.0000	P	6.8
2	☐	1.000	0.862	12434.23	0.0010	P	0.6
3	☐	50.000	50.408	683649.10	0.0536	P	2.3
4	☐	125.000	130.324	1652606.07	0.1386	A	0.4
5	☐	250.000	252.982	3115599.05	0.2689	A	1.6
6	☐	500.000	495.804	6230908.73	0.5270	A	1.5
7	☐	1000.000	1000.667	12464571.06	1.0637	A	0.2
8	☐			8172.34	0.0008	P	2.2

$$y = 0.0011 * x + 3.6948E-005$$

$$R = 1.0000$$

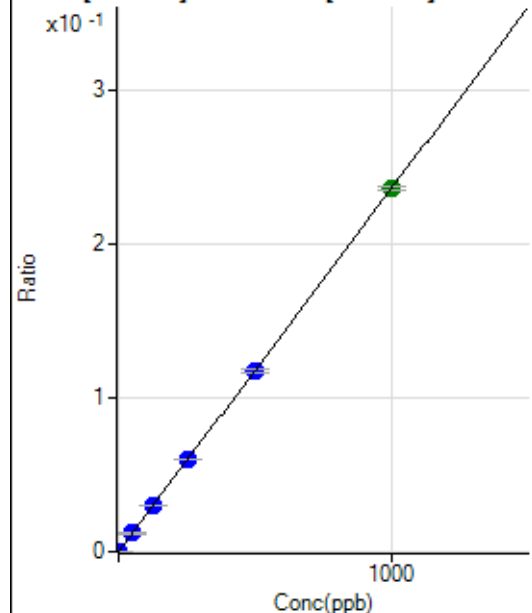
$$DL = 0.007048$$

$$BEC = 0.03476$$

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	92.22	0.0000	P	23.3
2	☐	1.000	0.851	2719.17	0.0002	P	3.1
3	☐	50.000	50.612	152658.58	0.0120	P	1.9
4	☐	125.000	128.691	362942.10	0.0304	P	0.4
5	☐	250.000	253.635	694713.34	0.0600	P	1.4
6	☐	500.000	498.936	1394554.70	0.1180	P	1.6
7	☐	1000.000	999.131	2768026.11	0.2362	A	1.0
8	☐			1823.47	0.0002	P	5.2

$$y = 2.3641E-004 * x + 7.2045E-006$$

$$R = 1.0000$$

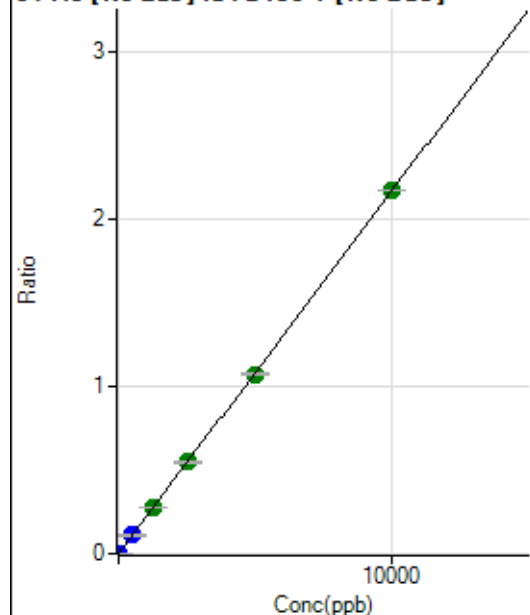
$$DL = 0.02132$$

$$BEC = 0.03048$$

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	196.67	0.0000	P	8.5
2	☐	5.000	5.059	14521.73	0.0011	P	2.7
3	☐	500.000	509.362	1409313.63	0.1105	P	2.6
4	☐	1250.000	1286.984	3330661.82	0.2793	A	0.3
5	☐	2500.000	2521.093	6337014.70	0.5470	A	1.2
6	☐	5000.000	4951.930	12702553.15	1.0745	A	1.5
7	☐	10000.000	10013.671	25460738.23	2.1727	A	0.2
8	☐			11008.66	0.0010	P	3.5

$$y = 2.1697E-004 * x + 1.5353E-005$$

$$R = 1.0000$$

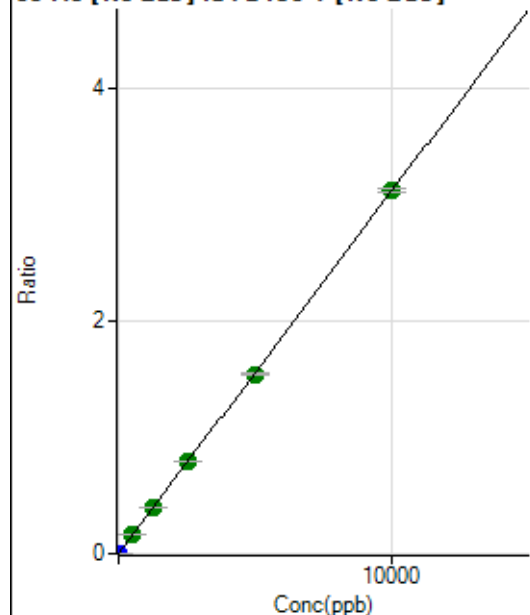
$$DL = 0.0181$$

$$BEC = 0.07076$$

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	57.78	0.0000	P	12.6
2	☐	5.000	4.368	17790.90	0.0014	P	1.5
3	☐	500.000	513.895	2038525.59	0.1599	A	2.1
4	☐	1250.000	1283.491	4762229.13	0.3993	A	0.4
5	☐	2500.000	2531.015	9121510.21	0.7874	A	0.8
6	☐	5000.000	4952.313	18213742.23	1.5406	A	1.2
7	☐	10000.000	10011.209	36495601.68	3.1144	A	1.0
8	☐			15895.41	0.0015	P	4.1

$$y = 3.1109E-004 * x + 4.5086E-006$$

$$R = 1.0000$$

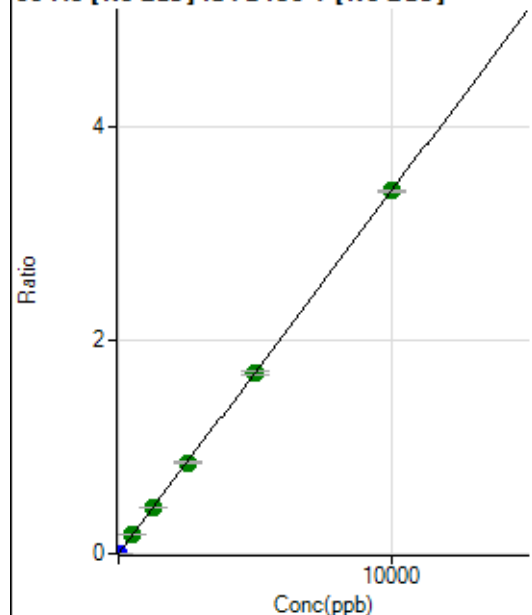
$$DL = 0.005477$$

$$BEC = 0.01449$$

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	114.45	0.0000	P	19.3
2	☐	5.000	4.448	19834.64	0.0015	P	2.7
3	☐	500.000	510.865	2213360.59	0.1736	A	2.6
4	☐	1250.000	1288.558	5222167.00	0.4378	A	1.0
5	☐	2500.000	2515.801	9903246.87	0.8549	A	0.7
6	☐	5000.000	4981.746	20012398.59	1.6928	A	1.4
7	☐	10000.000	9999.814	39817294.41	3.3978	A	0.5
8	☐			18656.45	0.0017	P	4.9

$$y = 3.3979\text{E-}004 * x + 8.9438\text{E-}006$$

$$R = 1.0000$$

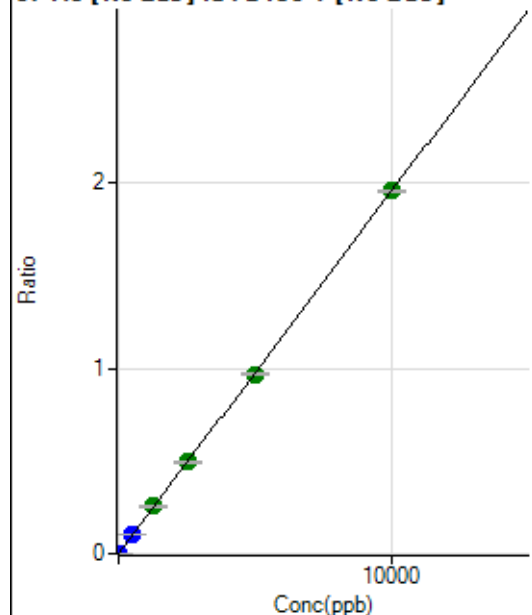
$$DL = 0.01526$$

$$BEC = 0.02632$$

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	54.44	0.0000	P	35.3
2	☐	5.000	4.326	11079.84	0.0008	P	2.6
3	☐	500.000	511.640	1274257.77	0.0999	P	2.5
4	☐	1250.000	1300.163	3028889.26	0.2540	A	1.8
5	☐	2500.000	2526.962	5717995.47	0.4936	A	0.7
6	☐	5000.000	4952.248	11435722.88	0.9673	A	1.6
7	☐	10000.000	10010.284	22912344.10	1.9552	A	0.2
8	☐			8435.83	0.0008	P	3.7

$$y = 1.9532\text{E-}004 * x + 4.2577\text{E-}006$$

$$R = 1.0000$$

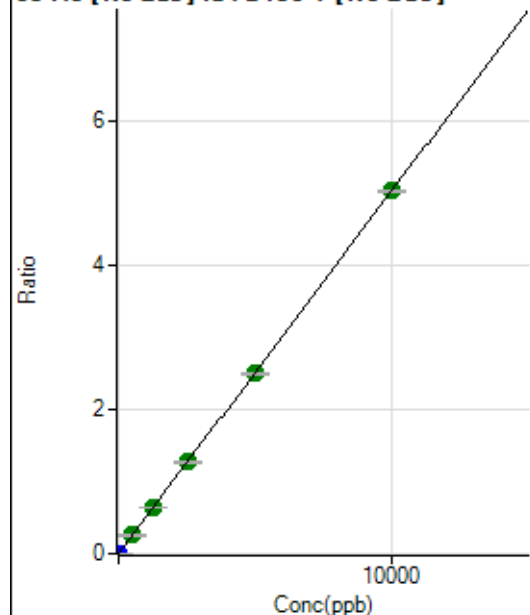
$$DL = 0.0231$$

$$BEC = 0.0218$$

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	90.00	0.0000	P	5.7
2	☐	5.000	4.360	28718.27	0.0022	P	3.2
3	☐	500.000	508.850	3265402.90	0.2561	A	2.3
4	☐	1250.000	1281.368	7691517.32	0.6449	A	1.0
5	☐	2500.000	2521.404	14700453.95	1.2690	A	1.1
6	☐	5000.000	4969.059	29565516.23	2.5008	A	1.7
7	☐	10000.000	10005.756	59010674.68	5.0356	A	0.8
8	☐			20656.97	0.0019	P	6.0

$$y = 5.0327E-004 * x + 7.0256E-006$$

$$R = 1.0000$$

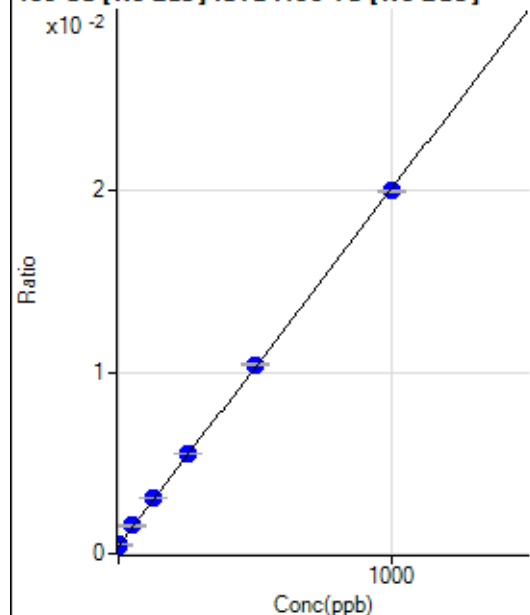
$$DL = 0.002388$$

$$BEC = 0.01396$$

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	4539.65	0.0005	P	2.8
2	☐	1.000	0.892	4864.19	0.0005	P	2.6
3	☐	50.000	54.489	15251.46	0.0015	P	1.7
4	☐	125.000	132.731	29737.05	0.0031	P	0.6
5	☐	250.000	257.250	52637.15	0.0055	P	0.8
6	☐	500.000	506.571	100566.11	0.0104	P	1.3
7	☐	1000.000	993.712	192234.15	0.0200	P	0.7
8	☐			4090.61	0.0005	P	2.0

$$y = 1.9628E-005 * x + 4.6746E-004$$

$$R = 0.9999$$

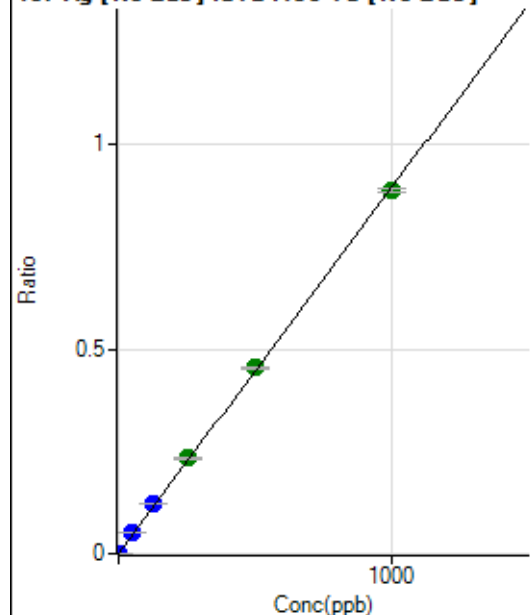
$$DL = 1.998$$

$$BEC = 23.82$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	117.78	0.0000	P	23.6
2	☐	1.000	0.993	9020.66	0.0009	P	3.8
3	☐	50.000	55.893	495921.67	0.0500	P	1.2
4	☐	125.000	136.959	1184902.80	0.1224	P	0.6
5	☐	250.000	261.470	2230428.30	0.2337	A	1.3
6	☐	500.000	507.670	4383872.47	0.4538	A	0.8
7	☐	1000.000	991.508	8530787.16	0.8863	A	1.0
8	☐			3299.30	0.0004	P	12.5

$$y = 8.9391\text{E-}004 * x + 1.2140\text{E-}005$$

$$R = 0.9998$$

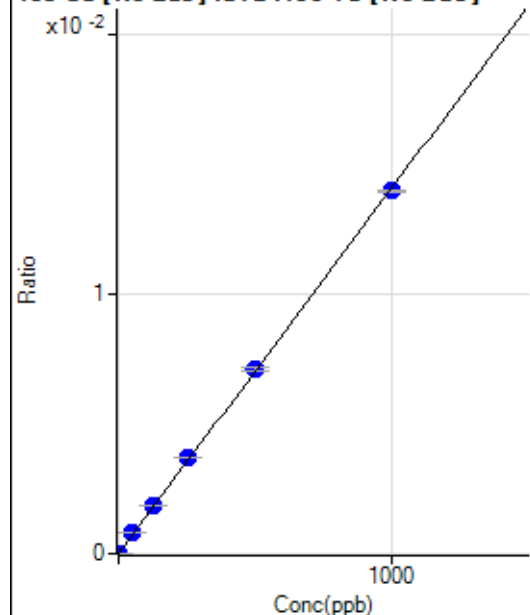
$$DL = 0.009611$$

$$BEC = 0.01358$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.3
2	☐	1.000	1.085	160.00	0.0000	P	4.9
3	☐	50.000	56.162	7853.31	0.0008	P	3.1
4	☐	125.000	132.013	17994.59	0.0019	P	2.0
5	☐	250.000	261.378	35123.58	0.0037	P	0.4
6	☐	500.000	505.062	68702.66	0.0071	P	1.8
7	☐	1000.000	993.440	134643.30	0.0140	P	0.6
8	☐			137.78	0.0000	P	5.3

$$y = 1.4081\text{E-}005 * x + 6.8447\text{E-}007$$

$$R = 0.9999$$

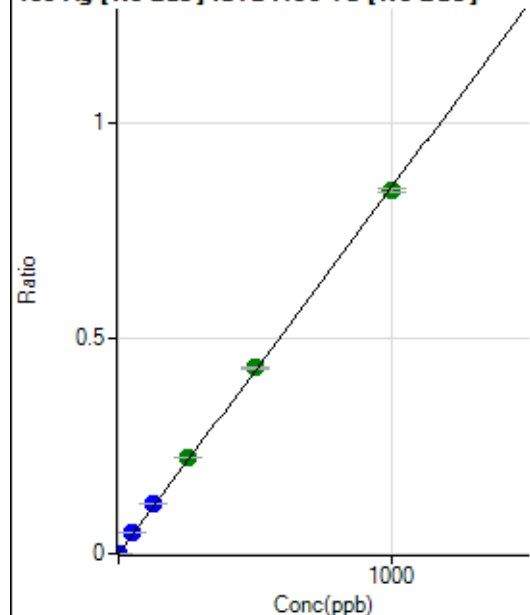
$$DL = 0.07192$$

$$BEC = 0.04861$$

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	53.33	0.0000	P	18.4
2	☐	1.000	0.977	8371.37	0.0008	P	4.8
3	☐	50.000	55.767	470009.08	0.0474	P	1.4
4	☐	125.000	136.145	1118920.14	0.1156	P	1.0
5	☐	250.000	263.969	2138990.33	0.2242	A	0.2
6	☐	500.000	507.909	4166605.46	0.4313	A	1.6
7	☐	1000.000	990.872	8099180.16	0.8415	A	1.1
8	☐			3128.15	0.0004	P	7.8

$$y = 8.4923\text{E-}004 * x + 5.4880\text{E-}006$$

$$R = 0.9998$$

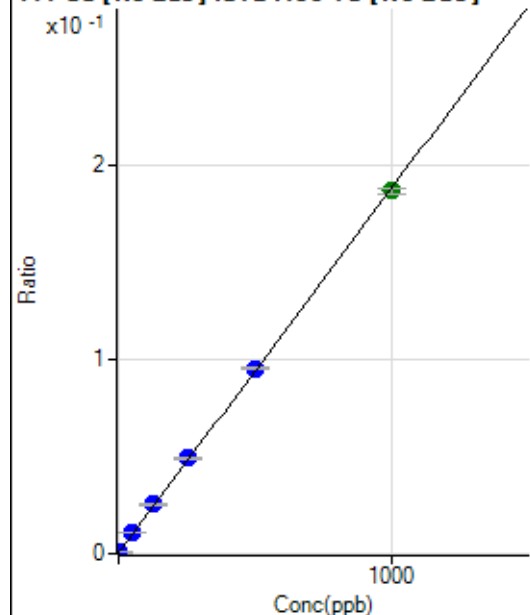
$$DL = 0.003566$$

$$BEC = 0.006462$$

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	3181.98	0.0003	P	3.0
2	☐	1.000	1.023	5216.42	0.0005	P	2.6
3	☐	50.000	54.845	105640.84	0.0106	P	1.0
4	☐	125.000	133.624	246441.78	0.0255	P	1.4
5	☐	250.000	259.366	468702.37	0.0491	P	0.4
6	☐	500.000	506.365	923376.71	0.0956	P	1.2
7	☐	1000.000	993.156	1801467.13	0.1872	A	1.5
8	☐			4012.61	0.0005	P	1.4

$$y = 1.8813\text{E-}004 * x + 3.2766\text{E-}004$$

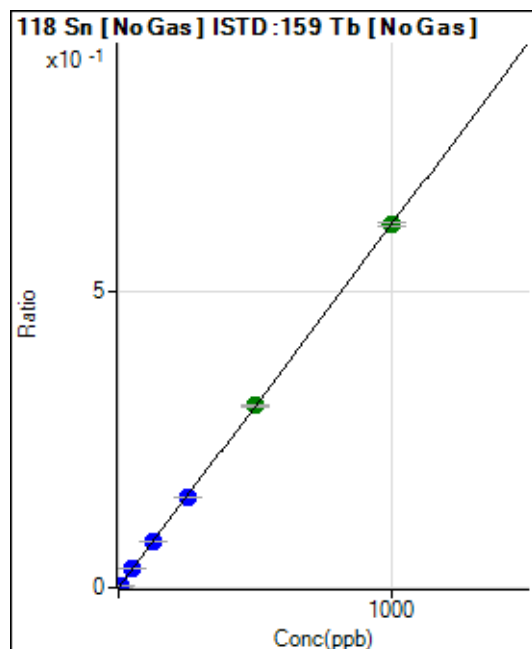
$$R = 0.9999$$

$$DL = 0.1546$$

$$BEC = 1.742$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1198.96	0.0001	P	1.0
2	☐	5.000	4.699	30112.62	0.0030	P	3.4
3	☐	50.000	52.066	317778.72	0.0320	P	1.1
4	☐	125.000	129.131	766838.57	0.0792	P	0.3
5	☐	250.000	250.409	1465103.94	0.1535	P	0.7
6	☐	500.000	500.498	2963360.58	0.3068	A	1.6
7	☐	1000.000	999.031	5892416.58	0.6122	A	1.2
8	☐			4774.18	0.0005	P	2.6

$$y = 6.1269\text{E-}004 * x + 1.2344\text{E-}004$$

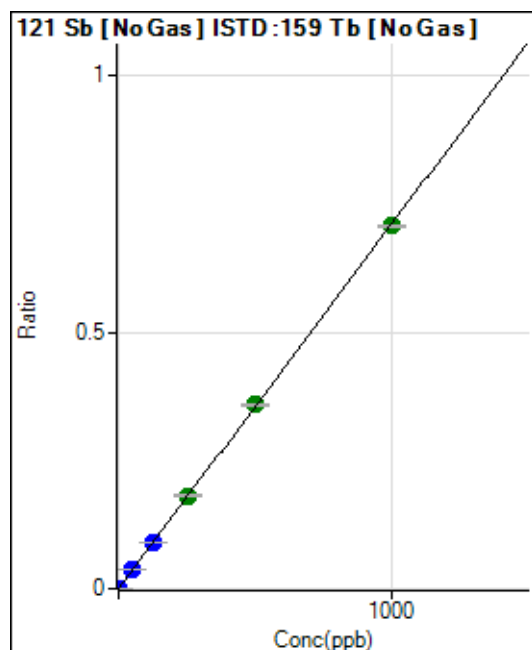
$$R = 1.0000$$

$$DL = 0.006319$$

$$BEC = 0.2015$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0000	P	22.4
2	☐	2.000	1.816	13030.44	0.0013	P	2.0
3	☐	50.000	51.960	366060.16	0.0369	P	1.7
4	☐	125.000	128.512	882798.04	0.0912	P	0.6
5	☐	250.000	255.469	1730182.34	0.1813	A	0.5
6	☐	500.000	505.027	3462673.32	0.3585	A	1.2
7	☐	1000.000	995.583	6801283.51	0.7066	A	0.8
8	☐			6722.73	0.0008	P	4.1

$$y = 7.0976\text{E-}004 * x + 1.0172\text{E-}005$$

$$R = 1.0000$$

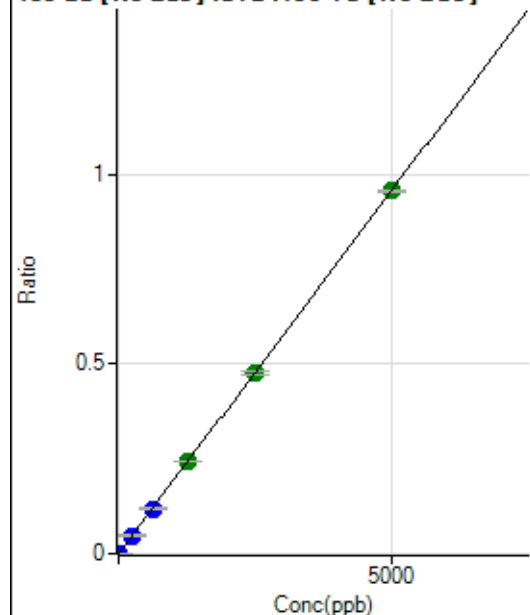
$$DL = 0.009646$$

$$BEC = 0.01433$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0000	P	37.2
2	☐	10.000	8.993	17283.89	0.0017	P	3.4
3	☐	250.000	251.009	476676.32	0.0480	P	1.3
4	☐	625.000	622.560	1152946.17	0.1191	P	0.7
5	☐	1250.000	1271.728	2322074.83	0.2434	A	1.0
6	☐	2500.000	2490.947	4604591.67	0.4767	A	1.4
7	☐	5000.000	4999.351	9208034.93	0.9567	A	0.7
8	☐			6437.08	0.0007	P	2.9

$$y = 1.9136E-004 * x + 2.3975E-006$$

$$R = 1.0000$$

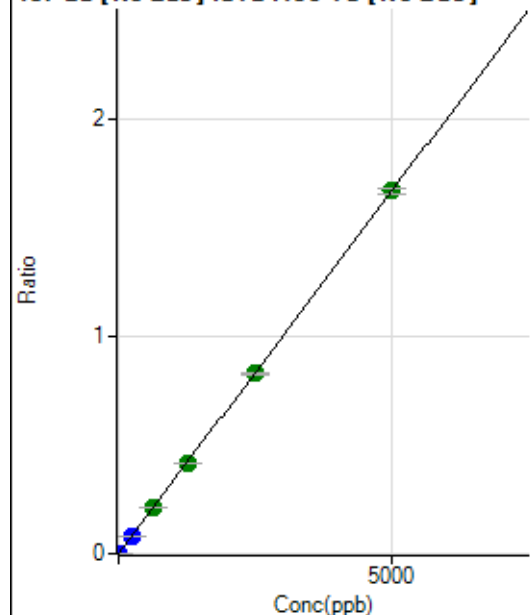
$$DL = 0.01398$$

$$BEC = 0.01253$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0000	P	21.8
2	☐	10.000	8.978	30029.48	0.0030	P	3.6
3	☐	250.000	249.457	824685.43	0.0831	P	1.2
4	☐	625.000	636.122	2050773.37	0.2119	A	1.1
5	☐	1250.000	1245.212	3958211.96	0.4148	A	0.4
6	☐	2500.000	2483.985	7993594.11	0.8275	A	1.0
7	☐	5000.000	5007.843	16057061.99	1.6683	A	1.2
8	☐			11001.02	0.0012	P	4.8

$$y = 3.3314E-004 * x + 3.2002E-006$$

$$R = 1.0000$$

$$DL = 0.006285$$

$$BEC = 0.009606$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			11.11		P	17.3
3	☐			51.11		P	19.9
4	☐			87.78		P	28.0
5	☐			198.89		P	7.7
6	☐			384.45		P	7.1
7	☐			761.14		P	10.0
8	☐			235.56		P	14.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			5.56		P	34.7
3	☐			7.78		P	24.7
4	☐			24.44		P	20.8
5	☐			44.45		P	35.4
6	☐			90.00		P	17.0
7	☐			216.67		P	4.1
8	☐			177.78		P	11.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			13.33		P	43.3
3	☐			36.66		P	15.7
4	☐			58.89		P	11.8
5	☐			140.00		P	34.3
6	☐			265.56		P	3.6
7	☐			518.90		P	6.6
8	☐			1573.44		P	9.5

156 Dy [He] No available calibration points

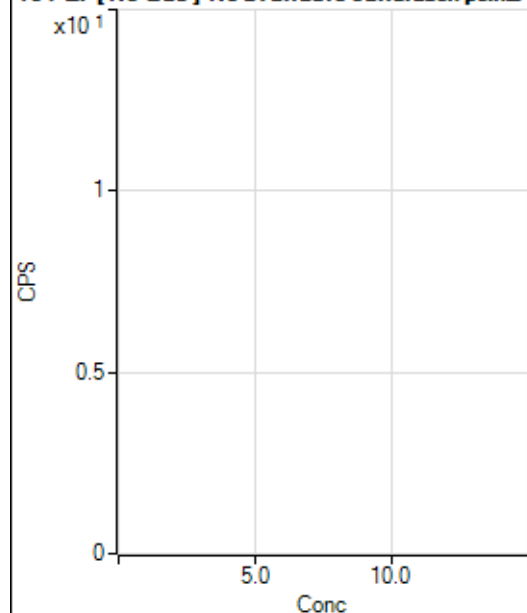
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			5.55		P	69.3
3	☐			54.44		P	52.1
4	☐			105.56		P	30.7
5	☐			185.56		P	11.7
6	☐			358.89		P	9.3
7	☐			686.69		P	11.9
8	☐			1160.06		P	3.8

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

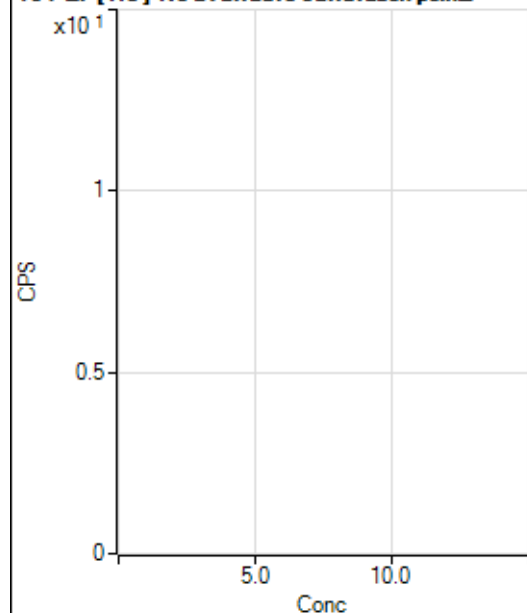
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	23.6
2	☐			38.89		P	55.1
3	☐			55.55		P	30.2
4	☐			105.56		P	15.9
5	☐			118.89		P	25.3
6	☐			265.56		P	7.6
7	☐			473.34		P	7.8
8	☐			1625.66		P	4.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			403.34		P	4.3
2	☐			447.79		P	3.0
3	☐			404.45		P	5.4
4	☐			407.79		P	2.5
5	☐			417.79		P	1.2
6	☐			513.35		P	5.7
7	☐			664.47		P	6.4
8	☐			1572.33		P	2.3

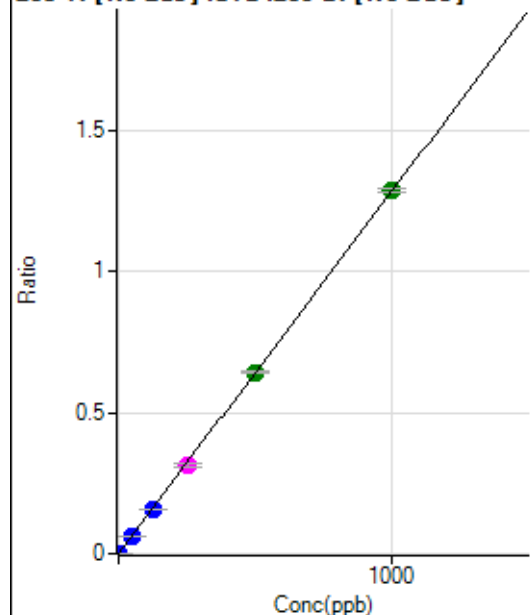
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	28.8
2	☐			83.33		P	14.4
3	☐			91.11		P	5.6
4	☐			107.78		P	21.9
5	☐			127.78		P	35.5
6	☐			178.89		P	7.5
7	☐			241.12		P	10.0
8	☐			274.45		P	20.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	14.7
2	☐			63.33		P	32.0
3	☐			51.11		P	22.9
4	☐			54.44		P	45.9
5	☐			86.67		P	10.2
6	☐			131.11		P	6.4
7	☐			143.34		P	10.1
8	☐			177.78		P	17.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0000	P	11.1
2	☐	1.000	0.801	6142.55	0.0011	P	3.2
3	☐	50.000	46.920	346731.35	0.0601	P	2.1
4	☐	125.000	119.889	865926.48	0.1536	P	0.3
5	☐	250.000	243.519	1767773.19	0.3120	M	3.2
6	☐	500.000	500.472	3646287.72	0.6412	A	1.0
7	☐	1000.000	1002.177	7178298.78	1.2839	A	0.9
8	☐			2728.08	0.0006	P	8.1

$$y = 0.0013 * x + 2.8280E-005$$

$$R = 1.0000$$

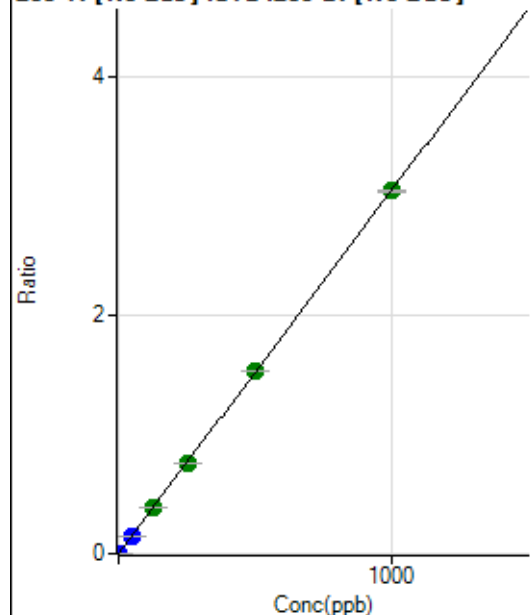
$$DL = 0.007321$$

$$BEC = 0.02208$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	388.90	0.0001	P	12.9
2	☐	1.000	0.813	14795.91	0.0025	P	1.7
3	☐	50.000	46.665	818814.77	0.1420	P	2.5
4	☐	125.000	126.581	2170738.79	0.3851	A	1.2
5	☐	250.000	249.304	4295970.49	0.7584	A	0.7
6	☐	500.000	502.182	8688012.72	1.5276	A	0.1
7	☐	1000.000	999.052	16991745.72	3.0391	A	0.3
8	☐			6706.17	0.0014	P	9.4

$$y = 0.0030 * x + 6.8234E-005$$

$$R = 1.0000$$

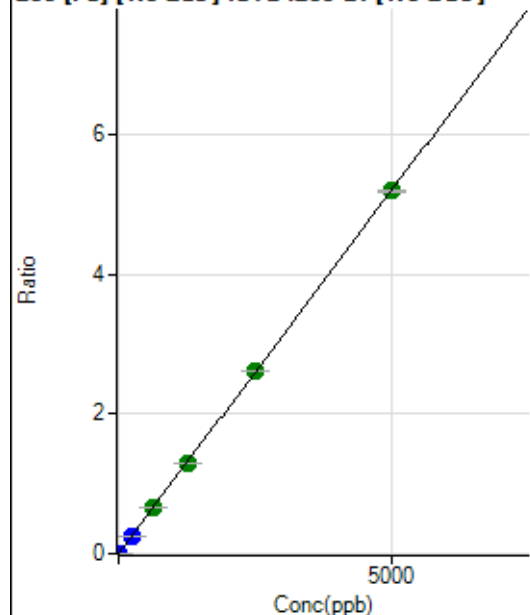
$$DL = 0.008651$$

$$BEC = 0.02243$$

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	511.12	0.0001	P	3.9
2	☐	1.000	0.781	5251.06	0.0009	P	1.9
3	☐	250.000	235.224	1410472.36	0.2446	P	2.0
4	☐	625.000	633.810	3714642.06	0.6590	A	0.6
5	☐	1250.000	1245.761	7336432.60	1.2952	A	0.6
6	☐	2500.000	2510.501	14843625.61	2.6100	A	0.6
7	☐	5000.000	4995.447	29035758.46	5.1933	A	0.9
8	☐			16831.65	0.0036	P	3.1

$$y = 0.0010 * x + 8.9680E-005$$

$$R = 1.0000$$

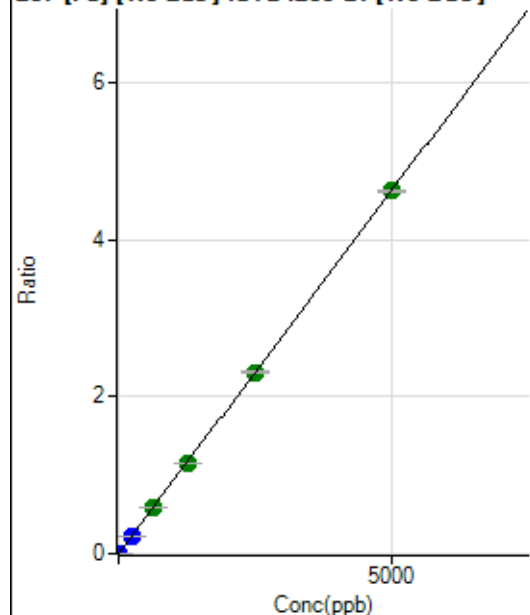
$$DL = 0.01011$$

$$BEC = 0.08626$$

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	454.45	0.0001	P	8.2
2	☐	1.000	0.789	4706.42	0.0008	P	2.3
3	☐	250.000	233.897	1246188.08	0.2161	P	2.8
4	☐	625.000	639.281	3329585.19	0.5906	A	0.7
5	☐	1250.000	1248.389	6532689.90	1.1533	A	0.5
6	☐	2500.000	2503.005	13150255.22	2.3123	A	0.7
7	☐	5000.000	4997.921	25814322.95	4.6170	A	0.8
8	☐			14656.90	0.0031	P	4.5

$$y = 9.2377E-004 * x + 7.9747E-005$$

$$R = 1.0000$$

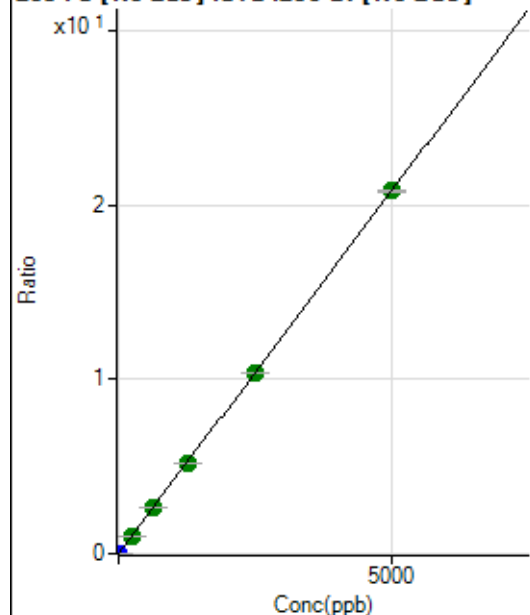
$$DL = 0.02134$$

$$BEC = 0.08633$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2213.43	0.0004	P	4.9
2	☐	1.000	0.789	21393.51	0.0037	P	1.5
3	☐	250.000	242.629	5825925.57	1.0105	A	2.6
4	☐	625.000	635.552	14917597.77	2.6462	A	0.5
5	☐	1250.000	1244.313	29344995.61	5.1805	A	0.3
6	☐	2500.000	2497.792	59140806.48	10.3988	A	0.5
7	☐	5000.000	5001.575	116419343.2	20.8222	A	0.4
8	☐			67037.37	0.0142	P	3.3

$$y = 0.0042 * x + 3.8841E-004$$

$$R = 1.0000$$

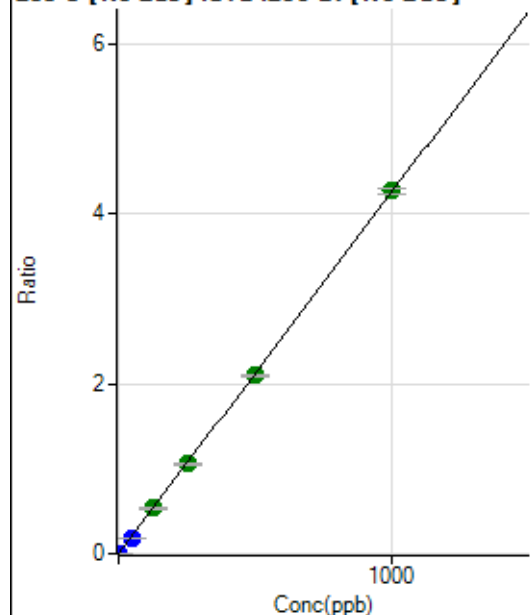
$$DL = 0.01374$$

$$BEC = 0.0933$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.56	0.0000	P	53.7
2	☐	1.000	0.756	18711.00	0.0032	P	0.5
3	☐	50.000	44.166	1081381.51	0.1876	P	2.7
4	☐	125.000	125.245	2997975.06	0.5319	A	1.0
5	☐	250.000	248.459	5976782.20	1.0551	A	0.8
6	☐	500.000	492.773	11901803.85	2.0926	A	1.2
7	☐	1000.000	1004.260	23844944.37	4.2647	A	1.7
8	☐			10376.36	0.0022	P	6.2

$$y = 0.0042 * x + 2.7298E-006$$

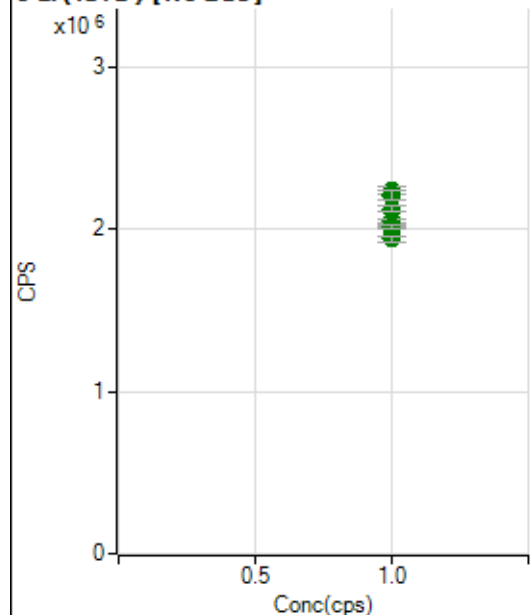
$$R = 0.9999$$

$$DL = 0.001036$$

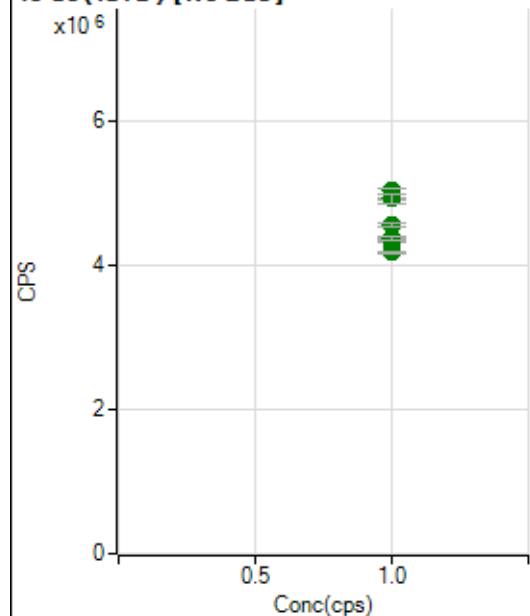
$$BEC = 0.0006428$$

Weight: <None>

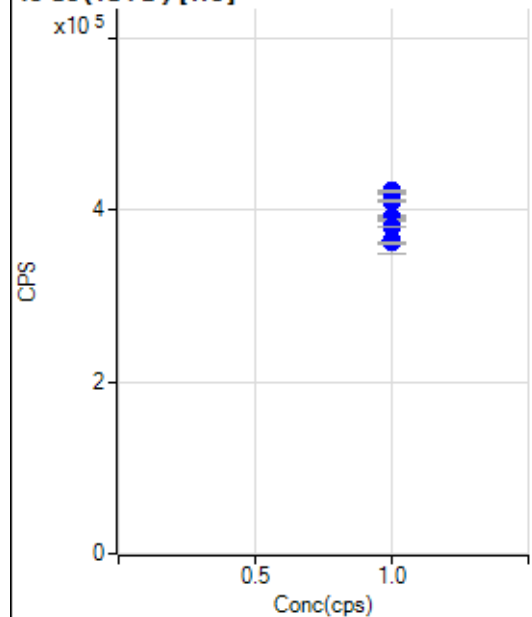
Min Conc: 0

6 Li (ISTD) [No Gas]

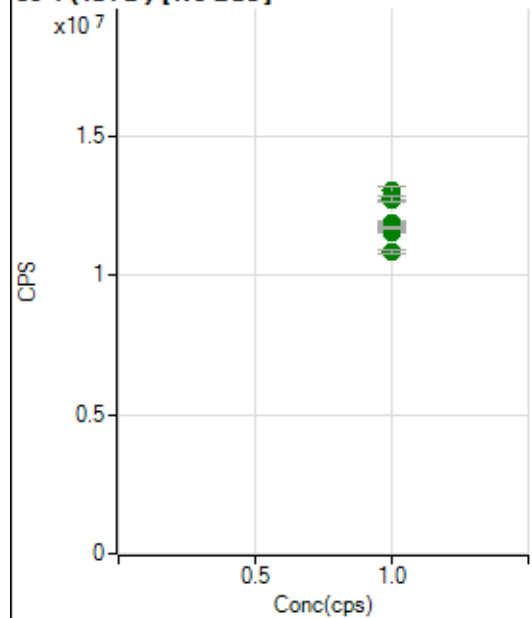
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2203751.93		A	1.4
2	☐	1.000		2239343.82		A	2.2
3	☐	1.000		2213994.48		A	2.2
4	☐	1.000		2126200.39		A	1.6
5	☐	1.000		2053905.91		A	1.0
6	☐	1.000		2008467.82		A	0.4
7	☐	1.000		2020053.23		A	1.1
8	☐	1.000		1943105.28		A	1.8

45 Sc (ISTD) [No Gas]

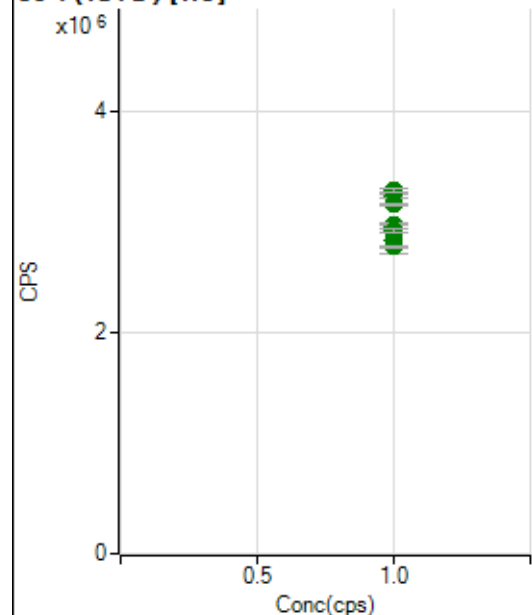
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4927597.95		A	0.5
2	☐	1.000		5034328.54		A	1.4
3	☐	1.000		4923351.73		A	2.2
4	☐	1.000		4563023.75		A	1.1
5	☐	1.000		4325528.48		A	0.5
6	☐	1.000		4363515.74		A	1.1
7	☐	1.000		4380500.73		A	0.8
8	☐	1.000		4177008.13		A	1.0

45 Sc (ISTD) [He]

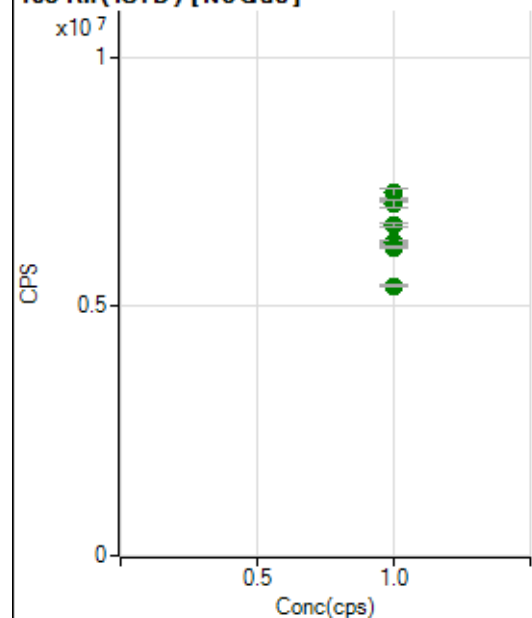
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		418159.48		P	0.4
2	☐	1.000		422055.03		P	0.4
3	☐	1.000		410245.21		P	0.6
4	☐	1.000		392167.94		P	0.5
5	☐	1.000		388248.71		P	0.3
6	☐	1.000		364168.32		P	8.3
7	☐	1.000		381158.76		P	0.1
8	☐	1.000		361407.58		P	0.2

89 Y (ISTD) [No Gas]

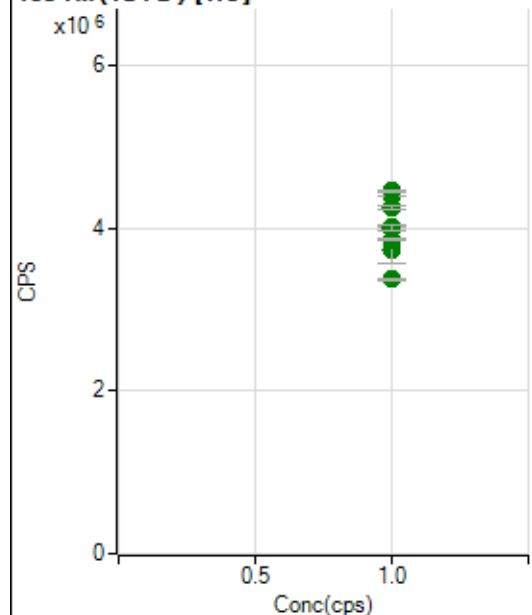
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12807464.81		A	0.7
2	☐	1.000		13052005.92		A	2.3
3	☐	1.000		12754059.81		A	1.8
4	☐	1.000		11926901.63		A	0.2
5	☐	1.000		11584923.86		A	0.4
6	☐	1.000		11822416.77		A	0.1
7	☐	1.000		11718377.33		A	0.3
8	☐	1.000		10851333.87		A	0.9

89 Y(ISTD) [He]

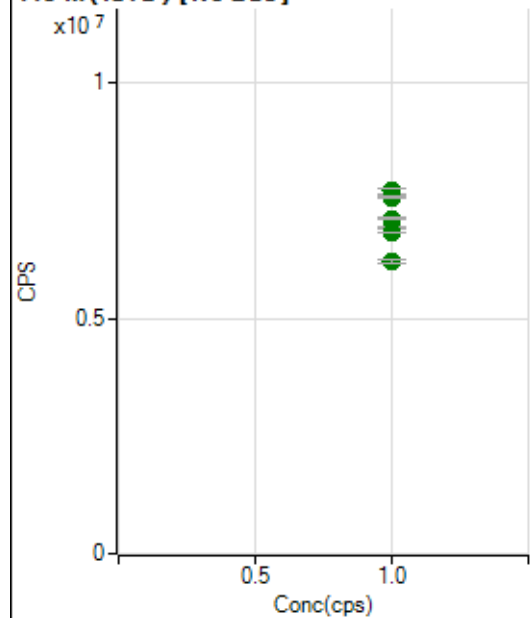
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3224252.94		A	0.9
2	☐	1.000		3274327.35		A	1.0
3	☐	1.000		3151176.58		A	0.5
4	☐	1.000		2955432.98		A	1.3
5	☐	1.000		2970903.67		A	0.8
6	☐	1.000		2821533.83		A	8.2
7	☐	1.000		2921280.34		A	1.1
8	☐	1.000		2768590.41		A	0.8

103 Rh(ISTD) [No Gas]

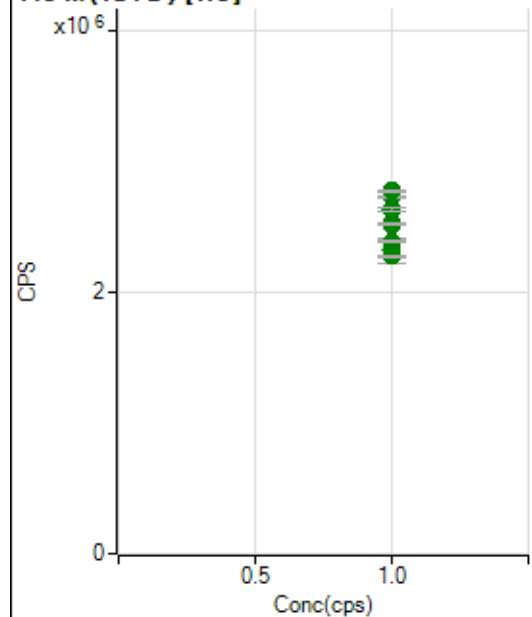
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7085974.96		A	0.3
2	☐	1.000		7270940.38		A	3.0
3	☐	1.000		7046183.02		A	2.4
4	☐	1.000		6622588.31		A	0.9
5	☐	1.000		6255833.31		A	0.5
6	☐	1.000		6271419.21		A	1.3
7	☐	1.000		6185431.16		A	0.2
8	☐	1.000		5408959.64		A	1.0

103 Rh (ISTD) [He]

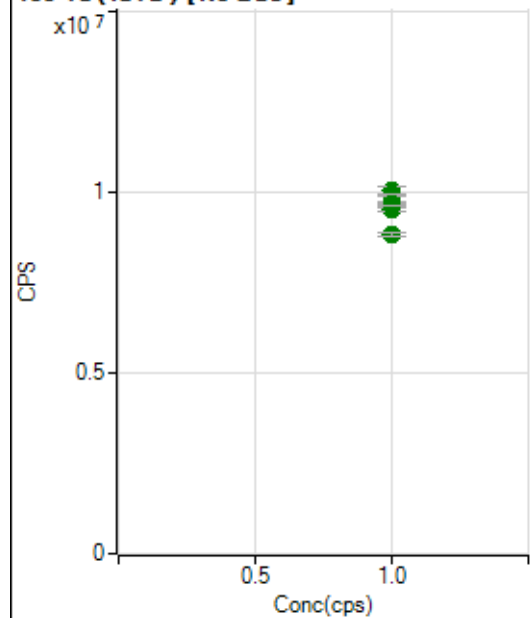
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4396806.18		A	0.3
2	☐	1.000		4463652.64		A	0.2
3	☐	1.000		4258703.62		A	1.0
4	☐	1.000		4002242.55		A	1.2
5	☐	1.000		4013061.95		A	1.5
6	☐	1.000		3727663.24		A	8.0
7	☐	1.000		3859917.51		A	0.5
8	☐	1.000		3374558.46		A	0.8

115 In (ISTD) [No Gas]

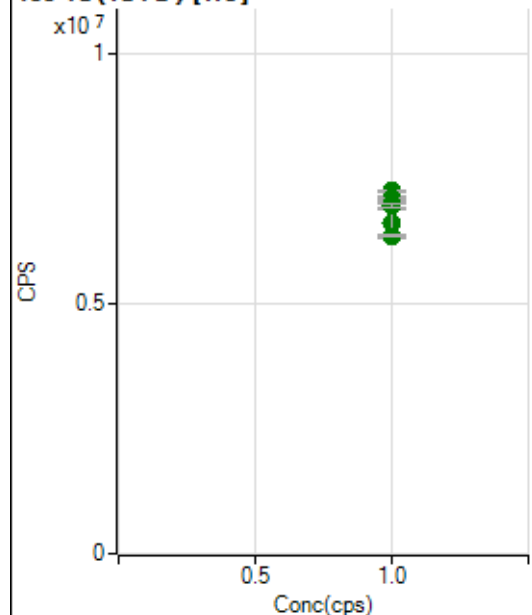
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7608439.86		A	0.9
2	☐	1.000		7716391.45		A	1.7
3	☐	1.000		7582299.93		A	0.8
4	☐	1.000		7135360.78		A	1.0
5	☐	1.000		6893859.94		A	1.4
6	☐	1.000		6928835.05		A	0.3
7	☐	1.000		6826669.27		A	0.5
8	☐	1.000		6222160.27		A	1.1

115 In (ISTD) [He]

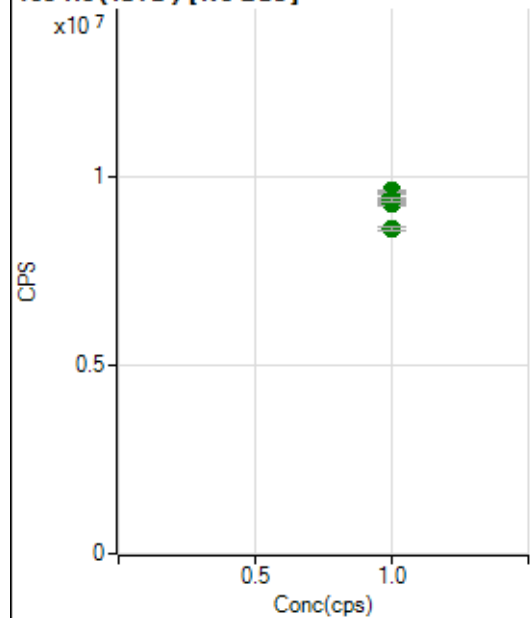
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2734671.59		A	0.5
2	☐	1.000		2778158.59		A	0.5
3	☐	1.000		2639385.99		A	1.2
4	☐	1.000		2520555.78		A	0.6
5	☐	1.000		2525943.45		A	1.1
6	☐	1.000		2320734.05		A	8.7
7	☐	1.000		2392346.99		A	0.4
8	☐	1.000		2276918.66		A	0.8

159 Tb (ISTD) [No Gas]

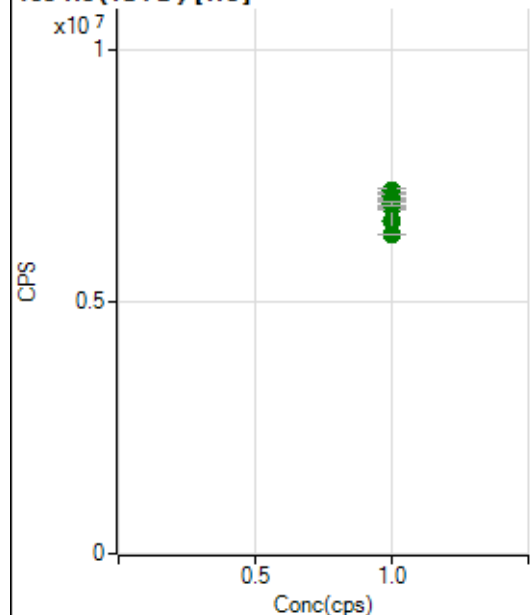
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9712421.87		A	0.9
2	☐	1.000		10034635.20		A	2.8
3	☐	1.000		9923775.68		A	0.7
4	☐	1.000		9677471.66		A	0.6
5	☐	1.000		9541501.11		A	1.1
6	☐	1.000		9659952.70		A	0.4
7	☐	1.000		9625121.38		A	0.5
8	☐	1.000		8844949.45		A	1.2

159 Tb (ISTD) [He]

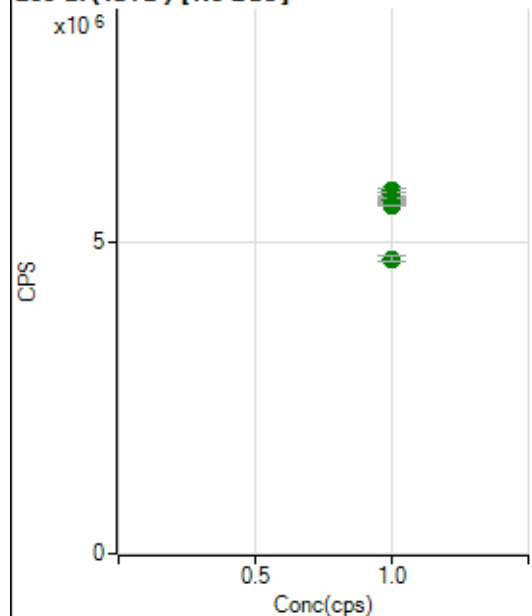
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7151614.55		A	0.1
2	☐	1.000		7256916.14		A	0.7
3	☐	1.000		7107125.66		A	0.7
4	☐	1.000		6981526.35		A	1.5
5	☐	1.000		7008108.30		A	0.5
6	☐	1.000		6605078.86		A	8.7
7	☐	1.000		6961891.84		A	0.9
8	☐	1.000		6359344.28		A	0.6

165 Ho (ISTD) [No Gas]

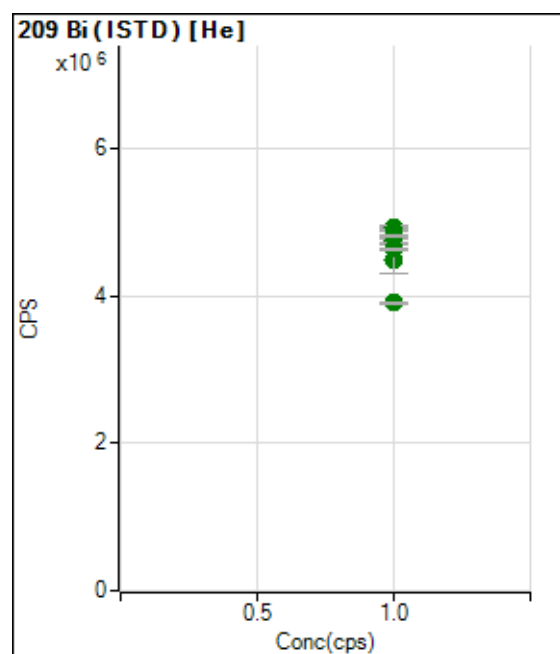
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9357893.06		A	0.8
2	☐	1.000		9579684.86		A	1.5
3	☐	1.000		9612435.13		A	0.5
4	☐	1.000		9309746.32		A	0.5
5	☐	1.000		9274657.71		A	1.4
6	☐	1.000		9490088.68		A	1.4
7	☐	1.000		9362284.03		A	1.2
8	☐	1.000		8616272.58		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7102098.44		A	0.9
2	☐	1.000		7213210.31		A	1.1
3	☐	1.000		7102651.21		A	1.0
4	☐	1.000		6872840.45		A	1.1
5	☐	1.000		7030326.35		A	0.3
6	☐	1.000		6620916.64		A	7.9
7	☐	1.000		6955980.52		A	1.3
8	☐	1.000		6337087.54		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5699844.71		A	0.7
2	☐	1.000		5823128.04		A	1.1
3	☐	1.000		5766602.83		A	1.1
4	☐	1.000		5637103.60		A	1.2
5	☐	1.000		5664381.09		A	1.5
6	☐	1.000		5687232.62		A	1.0
7	☐	1.000		5591081.30		A	0.3
8	☐	1.000		4724247.60		A	2.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4914698.19		A	1.1
2	☐	1.000		4924022.01		A	1.1
3	☐	1.000		4874614.30		A	0.3
4	☐	1.000		4760474.41		A	1.1
5	☐	1.000		4821571.46		A	0.6
6	☐	1.000		4501219.24		A	8.9
7	☐	1.000		4641762.74		A	0.5
8	☐	1.000		3902430.33		A	0.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7120723MS.b
Acq. Date-Time 2023-12-07 15:40:11
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		14356	143563.84			0.568	5.000
24		79711	797111.00			0.374	5.000
25		10359	103585.11			0.656	5.000
26		11781	117810.30			0.539	5.000
59		79133	791333.08			0.717	5.000
113		10491	104914.13			0.714	5.000
115		125467	1254667.86			0.576	5.000
206		27291	272914.51			0.575	5.000
207		24613	246133.59			0.437	5.000
208		58342	583420.92			0.959	5.000
220		0	2.20			59.265	

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

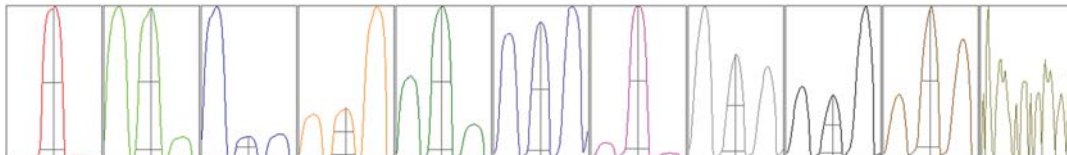
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14384	14387	14449	14231	14331
24	79618	79778	80186	79396	79577
25	10279	10391	10438	10296	10389
26	11742	11782	11849	11697	11835
59	79417	79360	79629	78180	79080
113	10606	10486	10511	10410	10444
115	125054	125931	126437	125303	124610
206	27484	27263	27364	27056	27291
207	24692	24710	24655	24453	24557
208	58943	58355	58846	57702	57865

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	23479.13	9.00	8.90 - 9.10	
24	128996.36	24.00	23.90 - 24.10	
25	17091.91	25.00	24.90 - 25.10	
26	19580.52	26.00	25.90 - 26.10	
59	130792.78	58.95	58.90 - 59.10	
113	19658.80	113.00	112.90 - 113.10	
115	232455.70	115.00	114.90 - 115.10	
206	53703.99	206.00	205.90 - 206.10	
207	47702.11	207.00	206.90 - 207.10	
208	114352.09	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.781	0.900	
24	0.65	0.826	0.900	
25	0.63	0.744	0.900	
26	0.63	0.746	0.900	
59	0.63	0.780	0.900	
113	0.54	0.716	0.900	
115	0.54	0.752	0.900	
206	0.52	0.740	0.900	
207	0.52	0.732	0.900	
208	0.52	0.742	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	15.0 V
Extract 2	-90.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
---------	---------	---------	--------

EM

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

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27284	272837.42			0.271	
89		34354	343541.14			0.251	
205		32718	327178.03			0.785	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	27240	27269	27399	27206	27304
89	34463	34254	34368	34404	34282
205	32884	33006	32790	32387	32522

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	8.3 V	Deflect	2.6 V
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US EPA Tune Check Report

Extract 2	-100.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-55 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
---------	---------	---------	--------

EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
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LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:11:09	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.04	0.10	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	0.73	-0.14	-0.58	0.00	N/A	ppb
Cadmium	111-1	0.06	-0.01	-0.04	0.00	N/A	ppb
Calcium	43-1	2.20	-3.79	1.59	0.00	N/A	ppb
Calcium	44-1	-0.17	-0.58	0.75	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-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	0.03	0.04	-0.07	0.00	N/A	ppb
Iron	57-2	0.40	-0.95	0.55	0.00	N/A	ppb
Iron	54-2	-0.24	0.70	-0.47	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:11:09	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	0.04	-0.02	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-17.38	-10.08	-15.73	-14.39		ppb
Potassium	39-2	0.53	-0.83	0.31	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	-0.11	0.16	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	0.47	-0.16	0.00	N/A	ppb
Silicon	28-1	-0.08	-0.07	0.15	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	0.33	-0.18	-0.15	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	68.80	-11.91	24.88	27.26	148.22	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.02	0.00	N/A	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:11:09	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	-0.08	0.05	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:17:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.11	19.18	20.43	19.91	3.27	ppb
Antimony	121-1	1.86	1.80	1.79	1.82	2.05	ppb
Arsenic	75-2	0.89	1.04	0.95	0.96	7.96	ppb
Barium	135-1	9.17	8.64	9.17	8.99	3.40	ppb
Barium	137-1	9.35	8.79	8.79	8.98	3.63	ppb
Beryllium	9-1	1.04	0.91	1.06	1.01	8.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.03	1.09	1.08	5.08	ppb
Cadmium	106-1	1.39	0.16	1.12	0.89	72.60	ppb
Cadmium	111-1	1.07	0.94	1.05	1.02	6.91	ppb
Calcium	43-1	466.60	467.34	479.52	471.15	1.54	ppb
Calcium	44-1	489.70	477.98	485.90	484.53	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.88	1.81	1.85	1.87	ppb
Cobalt	59-2	1.01	1.00	0.98	1.00	1.59	ppb
Copper	63-2	1.92	1.91	1.80	1.88	3.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	51.82	51.43	51.70	51.65	0.39	ppb
Iron	57-2	51.58	52.08	53.85	52.51	2.27	ppb
Iron	54-2	54.59	52.98	55.86	54.48	2.65	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:17:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.76	0.79	0.79	0.78	2.06	ppb
Lead	207-1	0.77	0.79	0.81	0.79	2.52	ppb
Lead	208-1	0.77	0.80	0.80	0.79	1.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	484.49	477.51	477.74	479.91	0.83	ppb
Manganese	55-2	0.93	0.96	0.91	0.93	2.62	ppb
Molybdenum	94-1	5.09	4.91	5.18	5.06	2.72	ppb
Molybdenum	95-1	4.43	4.30	4.38	4.37	1.53	ppb
Molybdenum	96-1	4.44	4.33	4.58	4.45	2.76	ppb
Molybdenum	97-1	4.43	4.21	4.34	4.33	2.63	ppb
Molybdenum	98-1	4.39	4.21	4.48	4.36	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.96	0.96	0.98	3.41	ppb
Phosphorus	31-2	9.87	19.68	13.64	14.39	34.36	ppb
Potassium	39-2	486.55	484.10	480.29	483.65	0.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.28	3.77	4.50	4.18	9.00	ppb
Selenium	77-2	6.77	4.40	4.31	5.16	27.11	ppb
Selenium	78-2	5.05	4.27	4.92	4.75	8.86	ppb
Silicon	28-1	0.25	-0.12	0.21	0.11	179.59	ppb
Silver	107-1	1.04	0.97	0.97	0.99	3.89	ppb
Silver	109-1	1.02	0.93	0.99	0.98	4.80	ppb
Sodium	23-2	478.25	477.74	475.24	477.08	0.34	ppb
Strontium	86-1	0.87	0.80	0.91	0.86	6.23	ppb
Strontium	88-1	0.90	0.89	0.90	0.90	0.56	ppb
Sulfur	34-1	45.80	-148.07	20.49	-27.26		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.83	0.78	0.79	0.80	3.32	ppb
Thallium	205-1	0.81	0.80	0.83	0.81	1.78	ppb
Tin	118-1	4.88	4.54	4.68	4.70	3.56	ppb
Titanium	47-1	4.65	4.71	4.70	4.69	0.77	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:17:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.75	0.76	0.76	0.53	ppb
Vanadium	51-2	4.55	4.65	4.63	4.61	1.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	3.93	4.08	4.20	4.07	3.37	ppb
Zirconium	90-1	0.87	0.86	0.86	0.86	0.67	ppb
Zirconium	91-1	0.88	0.84	0.83	0.85	3.17	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:20:57	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1101.96	1096.00	1095.63	1097.87	0.32	ppb
Antimony	121-1	50.94	52.38	52.56	51.96	1.71	ppb
Arsenic	75-2	50.20	50.84	50.40	50.48	0.65	ppb
Barium	135-1	247.54	251.73	253.75	251.01	1.26	ppb
Barium	137-1	246.97	248.49	252.91	249.46	1.24	ppb
Beryllium	9-1	51.94	55.48	53.85	53.76	3.30	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.73	55.68	58.08	56.16	3.07	ppb
Cadmium	106-1	53.98	53.48	56.01	54.49	2.46	ppb
Cadmium	111-1	54.20	55.15	55.18	54.84	1.01	ppb
Calcium	43-1	5832.22	6077.55	6097.24	6002.33	2.46	ppb
Calcium	44-1	5314.17	5646.60	5612.87	5524.55	3.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.85	52.26	51.92	52.01	0.43	ppb
Cobalt	59-2	52.47	51.91	52.22	52.20	0.53	ppb
Copper	63-2	543.37	528.35	536.05	535.92	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2701.09	2745.58	2702.98	2716.55	0.93	ppb
Iron	57-2	2872.95	2856.35	2895.77	2875.02	0.69	ppb
Iron	54-2	2911.92	2918.02	2946.80	2925.58	0.64	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:20:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	229.92	237.32	238.44	235.22	1.97	ppb
Lead	207-1	226.38	237.10	238.21	233.90	2.79	ppb
Lead	208-1	235.58	244.90	247.40	242.63	2.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	5171.94	5323.94	5287.46	5261.11	1.51	ppb
Manganese	55-2	518.29	519.91	523.26	520.48	0.49	ppb
Molybdenum	94-1	494.38	517.82	515.88	509.36	2.55	ppb
Molybdenum	95-1	501.92	522.57	517.20	513.89	2.08	ppb
Molybdenum	96-1	495.79	516.85	519.95	510.87	2.57	ppb
Molybdenum	97-1	497.15	519.54	518.23	511.64	2.46	ppb
Molybdenum	98-1	495.56	516.86	514.13	508.85	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.02	54.60	54.59	54.74	0.44	ppb
Phosphorus	31-2	1037.02	1036.46	1036.05	1036.51	0.05	ppb
Potassium	39-2	2761.51	2732.44	2754.21	2749.39	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	49.98	53.56	54.53	52.69	4.54	ppb
Selenium	77-2	51.67	53.38	49.33	51.46	3.95	ppb
Selenium	78-2	47.67	53.77	52.80	51.41	6.37	ppb
Silicon	28-1	55.19	58.08	58.11	57.13	2.94	ppb
Silver	107-1	55.33	55.76	56.60	55.89	1.16	ppb
Silver	109-1	54.90	56.01	56.39	55.77	1.39	ppb
Sodium	23-2	5219.58	5201.34	5212.43	5211.11	0.18	ppb
Strontium	86-1	1243.85	1280.98	1299.17	1274.67	2.21	ppb
Strontium	88-1	1240.65	1276.15	1272.63	1263.14	1.55	ppb
Sulfur	34-1	878.12	1084.96	1015.14	992.74	10.60	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	45.80	47.27	47.69	46.92	2.12	ppb
Thallium	205-1	45.32	47.21	47.47	46.67	2.51	ppb
Tin	118-1	51.53	52.03	52.64	52.07	1.06	ppb
Titanium	47-1	490.76	516.01	514.55	507.11	2.80	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:20:57	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.86	44.41	45.22	44.17	2.71	ppb
Vanadium	51-2	51.32	51.25	51.35	51.31	0.11	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	539.45	542.51	542.38	541.45	0.32	ppb
Zirconium	90-1	49.06	51.13	51.03	50.41	2.32	ppb
Zirconium	91-1	49.50	51.30	51.04	50.61	1.92	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:24:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2716.82	2698.52	2718.92	2711.42	0.41	ppb
Antimony	121-1	128.06	129.34	128.13	128.51	0.56	ppb
Arsenic	75-2	127.90	127.84	130.53	128.76	1.19	ppb
Barium	135-1	618.55	626.98	622.15	622.56	0.68	ppb
Barium	137-1	638.10	641.91	628.36	636.12	1.10	ppb
Beryllium	9-1	129.98	135.13	135.36	133.49	2.28	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.01	130.14	130.89	132.01	1.99	ppb
Cadmium	106-1	132.65	131.82	133.72	132.73	0.72	ppb
Cadmium	111-1	132.47	135.78	132.62	133.62	1.40	ppb
Calcium	43-1	14938.17	15041.53	15200.31	15060.00	0.88	ppb
Calcium	44-1	13793.44	13825.82	13782.82	13800.69	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.73	127.32	128.25	128.10	0.56	ppb
Cobalt	59-2	128.97	128.91	129.04	128.98	0.05	ppb
Copper	63-2	1306.01	1290.74	1310.58	1302.44	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	6652.76	6627.82	6662.21	6647.60	0.27	ppb
Iron	57-2	7069.39	7047.69	6999.81	7038.96	0.51	ppb
Iron	54-2	7227.03	7268.33	7286.27	7260.54	0.42	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:24:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	638.10	632.58	630.75	633.81	0.60	ppb
Lead	207-1	635.02	638.51	644.31	639.28	0.73	ppb
Lead	208-1	632.19	637.36	637.10	635.55	0.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	13325.42	13197.31	13144.49	13222.41	0.70	ppb
Manganese	55-2	1266.95	1259.33	1263.77	1263.35	0.30	ppb
Molybdenum	94-1	1286.66	1283.05	1291.24	1286.98	0.32	ppb
Molybdenum	95-1	1284.12	1277.68	1288.68	1283.49	0.43	ppb
Molybdenum	96-1	1287.90	1301.19	1276.58	1288.56	0.96	ppb
Molybdenum	97-1	1304.95	1320.56	1274.97	1300.16	1.78	ppb
Molybdenum	98-1	1277.32	1296.13	1270.66	1281.37	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.80	131.07	132.51	130.80	1.43	ppb
Phosphorus	31-2	2549.17	2559.12	2524.07	2544.12	0.71	ppb
Potassium	39-2	6351.48	6307.57	6467.11	6375.38	1.29	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	133.40	134.35	133.46	133.74	0.40	ppb
Selenium	77-2	131.17	124.15	127.42	127.58	2.75	ppb
Selenium	78-2	129.41	122.59	128.88	126.96	2.99	ppb
Silicon	28-1	136.28	139.20	139.92	138.47	1.39	ppb
Silver	107-1	136.86	137.83	136.19	136.96	0.60	ppb
Silver	109-1	135.73	137.71	134.99	136.15	1.03	ppb
Sodium	23-2	13253.73	13308.59	13263.55	13275.29	0.22	ppb
Strontium	86-1	3208.01	3189.04	3219.94	3205.66	0.49	ppb
Strontium	88-1	3167.02	3189.69	3197.52	3184.74	0.50	ppb
Sulfur	34-1	2690.27	2751.30	2701.46	2714.34	1.20	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	120.37	119.68	119.62	119.89	0.35	ppb
Thallium	205-1	128.08	125.06	126.60	126.58	1.19	ppb
Tin	118-1	129.00	129.60	128.79	129.13	0.33	ppb
Titanium	47-1	1257.88	1316.87	1294.07	1289.61	2.31	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:24:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	126.57	124.96	124.21	125.25	0.96	ppb
Vanadium	51-2	125.22	125.76	125.24	125.41	0.24	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	1332.47	1323.61	1322.66	1326.25	0.41	ppb
Zirconium	90-1	130.65	130.61	129.71	130.32	0.41	ppb
Zirconium	91-1	128.64	129.20	128.24	128.69	0.37	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:26:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5424.82	5407.00	5350.01	5393.94	0.72	ppb
Antimony	121-1	255.32	254.35	256.74	255.47	0.47	ppb
Arsenic	75-2	253.93	253.72	249.06	252.24	1.09	ppb
Barium	135-1	1268.10	1285.63	1261.45	1271.73	0.98	ppb
Barium	137-1	1240.15	1249.75	1245.74	1245.21	0.39	ppb
Beryllium	9-1	263.02	265.26	262.67	263.65	0.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	260.10	262.09	261.94	261.38	0.42	ppb
Cadmium	106-1	259.25	254.63	257.88	257.25	0.92	ppb
Cadmium	111-1	258.64	258.85	260.61	259.37	0.42	ppb
Calcium	43-1	29733.17	30001.95	29767.83	29834.32	0.49	ppb
Calcium	44-1	27020.77	27603.18	27517.72	27380.55	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.28	255.65	254.86	255.26	0.15	ppb
Cobalt	59-2	255.07	256.99	255.10	255.72	0.43	ppb
Copper	63-2	2584.56	2578.91	2560.92	2574.80	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	13338.38	13385.33	13306.26	13343.32	0.30	ppb
Iron	57-2	14158.94	14126.75	14113.89	14133.19	0.16	ppb
Iron	54-2	13847.62	13630.14	13678.73	13718.83	0.83	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:26:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1243.80	1253.75	1239.74	1245.76	0.58	ppb
Lead	207-1	1250.45	1241.73	1252.99	1248.39	0.47	ppb
Lead	208-1	1242.02	1242.97	1247.95	1244.31	0.26	ppb
Lithium	6-1				93		%
Magnesium	24-2	25997.86	26496.98	25984.57	26159.80	1.12	ppb
Manganese	55-2	2506.22	2499.53	2490.41	2498.72	0.32	ppb
Molybdenum	94-1	2502.40	2557.21	2503.66	2521.09	1.24	ppb
Molybdenum	95-1	2511.56	2552.42	2529.06	2531.01	0.81	ppb
Molybdenum	96-1	2496.96	2533.15	2517.29	2515.80	0.72	ppb
Molybdenum	97-1	2509.05	2541.72	2530.11	2526.96	0.66	ppb
Molybdenum	98-1	2495.61	2550.77	2517.83	2521.40	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.46	259.88	257.16	258.17	0.58	ppb
Phosphorus	31-2	5092.95	5152.46	5030.44	5091.95	1.20	ppb
Potassium	39-2	12725.38	12693.00	12812.51	12743.63	0.49	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	82-1	258.58	265.08	260.35	261.34	1.29	ppb
Selenium	77-2	273.10	254.07	257.63	261.60	3.87	ppb
Selenium	78-2	260.15	266.72	254.72	260.53	2.31	ppb
Silicon	28-1	271.48	269.40	269.24	270.04	0.46	ppb
Silver	107-1	258.51	260.83	265.07	261.47	1.27	ppb
Silver	109-1	263.67	263.53	264.71	263.97	0.24	ppb
Sodium	23-2	25936.03	26028.26	26043.13	26002.47	0.22	ppb
Strontium	86-1	6254.00	6330.65	6350.70	6311.78	0.81	ppb
Strontium	88-1	6250.78	6335.89	6352.74	6313.14	0.87	ppb
Sulfur	34-1	5255.70	4947.61	4722.37	4975.23	5.38	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	235.36	251.09	244.11	243.52	3.24	ppb
Thallium	205-1	249.54	247.38	250.99	249.30	0.73	ppb
Tin	118-1	249.12	249.86	252.25	250.41	0.65	ppb
Titanium	47-1	2511.08	2604.01	2570.72	2561.94	1.84	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:26:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	247.34	247.22	250.82	248.46	0.82	ppb
Vanadium	51-2	250.67	252.81	252.38	251.96	0.45	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%
Zinc	66-2	2639.99	2636.98	2630.38	2635.78	0.19	ppb
Zirconium	90-1	248.33	254.78	255.84	252.98	1.61	ppb
Zirconium	91-1	249.50	255.94	255.47	253.64	1.42	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:29:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9934.93	11933.21	10769.05	10879.06	9.23	ppb
Antimony	121-1	498.29	509.42	507.37	505.03	1.17	ppb
Arsenic	75-2	483.74	574.90	520.58	526.40	8.71	ppb
Barium	135-1	2455.86	2527.79	2489.19	2490.95	1.45	ppb
Barium	137-1	2469.58	2513.68	2468.69	2483.99	1.04	ppb
Beryllium	9-1	514.66	525.31	523.93	521.30	1.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.68	513.81	505.69	505.06	1.80	ppb
Cadmium	106-1	498.82	511.92	508.97	506.57	1.36	ppb
Cadmium	111-1	499.87	512.14	507.09	506.37	1.22	ppb
Calcium	43-1	57679.31	57837.71	56339.89	57285.64	1.44	ppb
Calcium	44-1	53620.38	54600.74	53526.73	53915.95	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.25	570.59	518.94	525.93	7.91	ppb
Cobalt	59-2	497.40	574.99	528.31	533.57	7.32	ppb
Copper	63-2	4880.44	5886.10	5321.84	5362.80	9.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	25774.12	30225.79	27810.98	27936.96	7.98	ppb
Iron	57-2	25691.64	30821.60	28283.90	28265.71	9.07	ppb
Iron	54-2	26297.77	30855.53	28611.69	28588.33	7.97	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:29:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2505.57	2527.25	2498.68	2510.50	0.59	ppb
Lead	207-1	2506.70	2517.75	2484.57	2503.00	0.68	ppb
Lead	208-1	2492.37	2512.11	2488.90	2497.79	0.50	ppb
Lithium	6-1				91		%
Magnesium	24-2	49923.66	58376.05	53789.42	54029.71	7.83	ppb
Manganese	55-2	4832.67	5645.36	5236.77	5238.27	7.76	ppb
Molybdenum	94-1	4874.93	5019.24	4961.61	4951.93	1.47	ppb
Molybdenum	95-1	4891.97	5005.44	4959.53	4952.31	1.15	ppb
Molybdenum	96-1	4907.66	5043.31	4994.27	4981.75	1.38	ppb
Molybdenum	97-1	4862.67	5008.25	4985.83	4952.25	1.58	ppb
Molybdenum	98-1	4872.37	5027.85	5006.96	4969.06	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.73	592.31	530.88	538.97	9.24	ppb
Phosphorus	31-2	9970.48	11403.97	10497.72	10624.06	6.82	ppb
Potassium	39-2	24932.62	29856.75	26708.05	27165.80	9.18	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	501.32	508.72	509.90	506.65	0.92	ppb
Selenium	77-2	497.04	596.12	502.65	531.93	10.46	ppb
Selenium	78-2	480.89	569.77	514.11	521.59	8.61	ppb
Silicon	28-1	523.45	527.20	512.29	520.98	1.49	ppb
Silver	107-1	504.40	512.08	506.53	507.67	0.78	ppb
Silver	109-1	500.15	516.59	506.99	507.91	1.63	ppb
Sodium	23-2	50049.46	59017.47	53929.01	54331.98	8.28	ppb
Strontium	86-1	12157.13	12552.45	12501.40	12403.66	1.73	ppb
Strontium	88-1	12202.51	12554.81	12470.96	12409.42	1.48	ppb
Sulfur	34-1	9861.58	9601.57	9331.28	9598.14	2.76	ppb
Terbium	159-1				99		%
Terbium	159-2				92		%
Thallium	203-1	505.08	501.12	495.22	500.47	0.99	ppb
Thallium	205-1	502.69	502.21	501.64	502.18	0.10	ppb
Tin	118-1	492.28	507.70	501.51	500.50	1.55	ppb
Titanium	47-1	5001.67	5124.06	5013.49	5046.41	1.34	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:29:48	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	489.11	489.49	499.73	492.77	1.22	ppb
Vanadium	51-2	472.24	581.65	526.40	526.77	10.39	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	4951.40	5897.76	5310.52	5386.56	8.87	ppb
Zirconium	90-1	487.56	498.10	501.75	495.80	1.49	ppb
Zirconium	91-1	490.00	503.76	503.05	498.94	1.55	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:32:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20657.76	20167.07	20335.40	20386.74	1.22	ppb
Antimony	121-1	986.57	1002.18	997.99	995.58	0.81	ppb
Arsenic	75-2	1002.47	965.90	988.86	985.74	1.88	ppb
Barium	135-1	4962.51	5001.28	5034.26	4999.35	0.72	ppb
Barium	137-1	4950.49	4999.33	5073.71	5007.84	1.24	ppb
Beryllium	9-1	994.16	985.01	974.89	984.69	0.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	988.88	1000.13	991.31	993.44	0.60	ppb
Cadmium	106-1	986.27	998.91	995.96	993.71	0.67	ppb
Cadmium	111-1	979.92	1008.69	990.86	993.16	1.46	ppb
Calcium	43-1	115025.67	113034.36	111463.30	113174.44	1.58	ppb
Calcium	44-1	107151.26	107104.37	106468.31	106907.98	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991.39	977.80	986.51	985.23	0.70	ppb
Cobalt	59-2	978.41	982.14	982.99	981.18	0.25	ppb
Copper	63-2	9787.79	9747.40	9839.47	9791.55	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	52149.93	52294.72	52092.64	52179.10	0.20	ppb
Iron	57-2	51539.18	51661.04	53095.99	52098.74	1.66	ppb
Iron	54-2	53482.38	53061.07	52637.56	53060.34	0.80	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:32:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5030.78	4947.70	5007.86	4995.45	0.86	ppb
Lead	207-1	4991.88	5038.66	4963.22	4997.92	0.76	ppb
Lead	208-1	4992.02	5023.43	4989.27	5001.58	0.38	ppb
Lithium	6-1				92		%
Magnesium	24-2	102150.08	99613.44	100968.91	100910.81	1.26	ppb
Manganese	55-2	9907.95	9855.24	9872.29	9878.49	0.27	ppb
Molybdenum	94-1	10016.94	10028.58	9995.49	10013.67	0.17	ppb
Molybdenum	95-1	9901.65	10044.65	10087.33	10011.21	0.97	ppb
Molybdenum	96-1	9943.44	10020.26	10035.75	9999.81	0.49	ppb
Molybdenum	97-1	9982.82	10025.66	10022.38	10010.28	0.24	ppb
Molybdenum	98-1	9973.71	10097.71	9945.84	10005.76	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	984.58	974.83	973.13	977.51	0.63	ppb
Phosphorus	31-2	19761.55	19630.51	19580.87	19657.65	0.47	ppb
Potassium	39-2	50480.54	50829.23	50289.07	50532.95	0.54	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	986.77	990.97	1000.12	992.62	0.69	ppb
Selenium	77-2	1003.38	939.93	998.90	980.74	3.61	ppb
Selenium	78-2	1007.55	972.26	978.96	986.26	1.90	ppb
Silicon	28-1	1000.55	982.74	964.38	982.56	1.84	ppb
Silver	107-1	980.01	996.23	998.28	991.51	1.01	ppb
Silver	109-1	980.08	1001.68	990.85	990.87	1.09	ppb
Sodium	23-2	103064.23	100479.81	102572.45	102038.83	1.34	ppb
Strontium	86-1	24821.69	24950.68	25291.86	25021.41	0.97	ppb
Strontium	88-1	24946.93	25237.26	24879.94	25021.38	0.76	ppb
Sulfur	34-1	20437.94	20159.21	19944.93	20180.69	1.22	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	1011.32	1002.37	992.84	1002.18	0.92	ppb
Thallium	205-1	995.86	1000.55	1000.75	999.05	0.28	ppb
Tin	118-1	985.35	1004.35	1007.39	999.03	1.20	ppb
Titanium	47-1	10085.48	9950.83	9831.71	9956.01	1.28	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:32:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	984.88	1013.17	1014.73	1004.26	1.67	ppb
Vanadium	51-2	985.76	987.52	984.76	986.01	0.14	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	9846.90	9752.81	9683.81	9761.17	0.84	ppb
Zirconium	90-1	1000.10	1002.47	999.43	1000.67	0.16	ppb
Zirconium	91-1	989.52	1009.94	997.93	999.13	1.03	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:35:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100363.74	99977.96	99084.64	99808.78	0.66	ppb
Antimony	121-1	1.05	1.01	1.10	1.06	4.18	ppb
Arsenic	75-2	0.54	0.37	0.33	0.41	26.03	ppb
Barium	135-1	3.85	3.86	3.66	3.79	2.94	ppb
Barium	137-1	3.93	3.63	3.61	3.72	4.78	ppb
Beryllium	9-1	0.45	0.41	0.39	0.42	6.83	ppb
Bismuth	209-1				83		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.01	1.12	1.04	1.06	5.54	ppb
Cadmium	106-1	-0.66	-0.36	0.27	-0.25		ppb
Cadmium	111-1	0.63	0.70	0.68	0.67	5.17	ppb
Calcium	43-1	497467.83	498849.88	492644.80	496320.84	0.66	ppb
Calcium	44-1	496664.50	503388.28	494157.32	498070.03	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.76	2.68	2.69	2.71	1.74	ppb
Cobalt	59-2	2.87	3.09	2.99	2.98	3.65	ppb
Copper	63-2	3.18	2.98	2.85	3.00	5.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	56-2	249792.23	250768.16	247088.25	249216.21	0.76	ppb
Iron	57-2	249095.25	249847.23	248503.16	249148.55	0.27	ppb
Iron	54-2	247597.87	249776.17	249441.87	248938.64	0.47	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:35:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.39	3.41	3.22	3.34	3.14	ppb
Lead	207-1	3.42	3.27	3.12	3.27	4.66	ppb
Lead	208-1	3.41	3.35	3.19	3.31	3.43	ppb
Lithium	6-1				88		%
Magnesium	24-2	500816.34	502217.47	494974.87	499336.23	0.77	ppb
Manganese	55-2	6.53	6.23	6.09	6.28	3.58	ppb
Molybdenum	94-1	4.67	4.73	4.42	4.60	3.55	ppb
Molybdenum	95-1	4.47	4.80	4.81	4.70	4.07	ppb
Molybdenum	96-1	5.30	4.97	4.82	5.03	4.90	ppb
Molybdenum	97-1	4.13	3.87	3.88	3.96	3.69	ppb
Molybdenum	98-1	3.94	3.85	3.51	3.77	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.68	3.45	3.36	3.50	4.74	ppb
Phosphorus	31-2	-3.45	-8.20	0.54	-3.70		ppb
Potassium	39-2	248702.62	249559.71	250714.83	249659.05	0.40	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	6.06	5.92	4.71	5.56	13.36	ppb
Selenium	77-2	5.11	5.19	3.84	4.71	16.12	ppb
Selenium	78-2	7.29	6.67	6.44	6.80	6.49	ppb
Silicon	28-1	3.30	3.53	3.30	3.37	3.92	ppb
Silver	107-1	0.46	0.40	0.35	0.40	12.89	ppb
Silver	109-1	0.44	0.41	0.38	0.41	7.91	ppb
Sodium	23-2	498874.96	500956.61	497430.76	499087.44	0.36	ppb
Strontium	86-1	9.03	8.25	7.64	8.31	8.41	ppb
Strontium	88-1	9.01	8.49	7.60	8.37	8.55	ppb
Sulfur	34-1	-1129.30	-729.68	-593.27	-817.42		ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	0.46	0.44	0.39	0.43	8.56	ppb
Thallium	205-1	0.49	0.44	0.40	0.44	9.84	ppb
Tin	118-1	0.70	0.66	0.68	0.68	3.40	ppb
Titanium	47-1	3.79	3.63	3.81	3.74	2.73	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:35:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.51	0.49	0.52	6.19	ppb
Vanadium	51-2	0.34	0.34	0.31	0.33	4.85	ppb
Yttrium	89-1				85		%
Yttrium	89-2				86		%
Zinc	66-2	10.38	10.22	10.31	10.30	0.78	ppb
Zirconium	90-1	0.68	0.68	0.66	0.67	2.35	ppb
Zirconium	91-1	0.72	0.65	0.67	0.68	5.48	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICV14	Instrumnet Name :	P7
Client Sample ID :	ICV14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:45:02	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	521.83	523.74	518.43	521.33	0.52	ppb
Antimony	121-1	185.60	192.95	194.96	191.17	2.58	ppb
Arsenic	75-2	193.82	190.73	193.49	192.68	0.88	ppb
Barium	135-1	92.52	95.08	95.05	94.22	1.56	ppb
Barium	137-1	90.73	95.18	95.15	93.69	2.73	ppb
Beryllium	9-1	95.10	98.43	100.18	97.91	2.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	153.16	162.71	156.24	157.37	3.10	ppb
Cadmium	106-1	161.08	168.35	166.48	165.31	2.28	ppb
Cadmium	111-1	102.24	107.11	106.90	105.42	2.61	ppb
Calcium	43-1	2100.18	2172.33	2248.91	2173.81	3.42	ppb
Calcium	44-1	2030.15	2100.62	2118.24	2083.00	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.78	99.49	98.08	98.45	0.93	ppb
Cobalt	59-2	98.21	99.13	98.70	98.68	0.47	ppb
Copper	63-2	96.82	98.82	97.54	97.72	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	2003.89	2036.32	2015.68	2018.63	0.81	ppb
Iron	57-2	2105.42	2131.78	2105.73	2114.31	0.72	ppb
Iron	54-2	2202.33	2209.67	2206.41	2206.14	0.17	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICV14	Instrumnet Name :	P7
Client Sample ID :	ICV14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:45:02	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	200.33	210.25	212.07	207.55	3.05	ppb
Lead	207-1	192.27	201.45	203.45	199.06	3.00	ppb
Lead	208-1	206.02	212.06	214.43	210.84	2.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	1143.22	1148.44	1143.86	1145.17	0.25	ppb
Manganese	55-2	98.60	98.76	99.11	98.82	0.27	ppb
Molybdenum	94-1	4533.81	4748.74	4831.49	4704.68	3.27	ppb
Molybdenum	95-1	4454.75	4700.72	4763.33	4639.60	3.52	ppb
Molybdenum	96-1	4487.39	4723.77	4794.50	4668.55	3.44	ppb
Molybdenum	97-1	4510.17	4665.65	4752.35	4642.72	2.64	ppb
Molybdenum	98-1	4479.40	4675.25	4745.05	4633.23	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.88	108.76	108.93	108.86	0.08	ppb
Phosphorus	31-2	-16.44	-16.20	-10.79	-14.48		ppb
Potassium	39-2	1995.68	1995.45	1979.01	1990.05	0.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	191.69	201.28	206.16	199.71	3.68	ppb
Selenium	77-2	190.20	196.54	210.34	199.03	5.17	ppb
Selenium	78-2	203.30	202.41	197.81	201.17	1.47	ppb
Silicon	28-1	41.65	43.84	42.76	42.75	2.56	ppb
Silver	107-1	49.22	51.19	51.47	50.63	2.43	ppb
Silver	109-1	48.73	51.05	50.75	50.18	2.51	ppb
Sodium	23-2	1966.04	1951.73	1919.68	1945.82	1.22	ppb
Strontium	86-1	473.15	501.90	502.03	492.36	3.38	ppb
Strontium	88-1	469.05	501.64	494.82	488.50	3.52	ppb
Sulfur	34-1	-1255.76	-1322.21	-1577.11	-1385.03		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	190.85	199.04	200.98	196.96	2.73	ppb
Thallium	205-1	202.84	212.24	209.05	208.04	2.30	ppb
Tin	118-1	497.93	526.09	523.91	515.98	3.04	ppb
Titanium	47-1	5065.78	5228.70	5196.30	5163.59	1.67	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICV14	Instrumnet Name :	P7
Client Sample ID :	ICV14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:45:02	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.67	525.50	531.27	518.14	3.47	ppb
Vanadium	51-2	93.85	93.94	93.45	93.75	0.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	196.10	199.41	195.82	197.11	1.01	ppb
Zirconium	90-1	473.36	492.50	497.77	487.88	2.63	ppb
Zirconium	91-1	473.64	496.27	500.36	490.09	2.94	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:55:48	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.28	20.08	19.05	19.80	3.31	ppb
Antimony	121-1	1.82	1.88	1.81	1.83	1.98	ppb
Arsenic	75-2	0.83	0.82	0.77	0.81	3.96	ppb
Barium	135-1	8.76	8.72	8.82	8.77	0.61	ppb
Barium	137-1	8.68	8.83	8.74	8.75	0.85	ppb
Beryllium	9-1	1.05	1.01	1.04	1.03	1.89	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.84	0.92	0.82	0.86	6.09	ppb
Cadmium	106-1	0.20	-0.83	-1.99	-0.88		ppb
Cadmium	111-1	0.93	0.81	0.77	0.84	9.80	ppb
Calcium	43-1	472.94	469.11	493.32	478.46	2.72	ppb
Calcium	44-1	474.28	470.92	485.91	477.03	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	1.79	1.81	1.80	0.68	ppb
Cobalt	59-2	0.93	0.92	0.96	0.94	2.12	ppb
Copper	63-2	1.66	1.59	1.63	1.63	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	50.87	51.21	50.42	50.83	0.78	ppb
Iron	57-2	52.09	51.43	54.17	52.56	2.72	ppb
Iron	54-2	53.92	54.57	53.11	53.87	1.36	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:55:48	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.83	0.85	0.84	1.25	ppb
Lead	207-1	0.82	0.86	0.84	0.84	2.16	ppb
Lead	208-1	0.84	0.86	0.86	0.85	1.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	472.36	477.20	462.55	470.71	1.59	ppb
Manganese	55-2	0.86	0.91	1.01	0.93	7.90	ppb
Molybdenum	94-1	5.12	5.28	5.26	5.22	1.64	ppb
Molybdenum	95-1	4.34	4.51	4.54	4.46	2.42	ppb
Molybdenum	96-1	4.35	4.50	4.51	4.45	1.99	ppb
Molybdenum	97-1	4.24	4.38	4.47	4.36	2.65	ppb
Molybdenum	98-1	4.28	4.28	4.39	4.32	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.97	0.94	0.96	2.50	ppb
Phosphorus	31-2	17.84	14.42	10.27	14.18	26.73	ppb
Potassium	39-2	478.80	479.03	465.40	474.41	1.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	4.64	3.38	4.40	4.14	16.19	ppb
Selenium	77-2	5.60	5.06	3.94	4.86	17.41	ppb
Selenium	78-2	4.74	3.60	4.28	4.20	13.68	ppb
Silicon	28-1	-0.14	-0.51	-0.28	-0.31		ppb
Silver	107-1	0.97	0.96	0.94	0.96	1.24	ppb
Silver	109-1	0.92	0.94	0.95	0.94	1.49	ppb
Sodium	23-2	491.78	489.71	482.22	487.90	1.03	ppb
Strontium	86-1	0.91	0.87	0.88	0.88	2.34	ppb
Strontium	88-1	0.90	0.88	0.89	0.89	0.96	ppb
Sulfur	34-1	-471.06	-625.57	-533.54	-543.39		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.81	0.85	0.86	0.84	3.18	ppb
Thallium	205-1	0.83	0.85	0.87	0.85	2.28	ppb
Tin	118-1	4.49	4.58	4.58	4.55	1.14	ppb
Titanium	47-1	4.57	4.54	5.04	4.72	5.90	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:55:48	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.80	0.77	0.78	2.21	ppb
Vanadium	51-2	4.59	4.49	4.34	4.47	2.80	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	4.50	4.59	3.85	4.31	9.31	ppb
Zirconium	90-1	0.87	0.87	0.90	0.88	1.91	ppb
Zirconium	91-1	0.91	0.90	0.87	0.89	2.44	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICB14	Instrumnet Name :	P7
Client Sample ID :	ICB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:59:06	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.05	-0.19	-0.06		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	35.15	ppb
Arsenic	75-2	-0.03	-0.03	-0.02	-0.03		ppb
Barium	135-1	0.00	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	143.10	ppb
Beryllium	9-1	0.03	0.03	0.00	0.02	86.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.08	-0.02	0.02	296.71	ppb
Cadmium	106-1	-0.34	-1.03	-0.17	-0.51		ppb
Cadmium	111-1	-0.02	-0.07	0.00	-0.03		ppb
Calcium	43-1	-4.32	0.61	-0.80	-1.50		ppb
Calcium	44-1	0.06	0.63	0.04	0.25	136.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.02	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.21	-0.19	-0.22	-0.21		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				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	0.20	0.17	0.03	0.13	66.48	ppb
Iron	57-2	-1.44	-1.06	0.04	-0.82		ppb
Iron	54-2	0.69	1.07	0.46	0.74	41.97	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICB14	Instrumnet Name :	P7
Client Sample ID :	ICB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:59:06	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.03	0.03	17.12	ppb
Lead	207-1	0.02	0.04	0.02	0.03	44.64	ppb
Lead	208-1	0.02	0.04	0.02	0.03	23.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.22	0.14	0.12	0.16	31.80	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.06	0.03	110.21	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	5.72	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	29.67	ppb
Molybdenum	97-1	0.02	0.04	0.05	0.03	37.62	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	-14.13	-19.76	-16.00	-16.63		ppb
Potassium	39-2	-1.76	0.99	-1.49	-0.75		ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	-0.60	-0.63	-0.61	-0.62		ppb
Selenium	77-2	0.28	0.00	0.28	0.18	86.61	ppb
Selenium	78-2	0.60	-0.58	-0.28	-0.09		ppb
Silicon	28-1	-0.86	-0.58	-0.39	-0.61		ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.52	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.20	ppb
Sodium	23-2	19.37	18.48	19.63	19.16	3.15	ppb
Strontium	86-1	0.00	0.02	0.00	0.00	256.89	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	29.54	ppb
Sulfur	34-1	-477.14	-317.46	-136.06	-310.22		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.02	0.02	17.37	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	33.08	ppb
Tin	118-1	-0.05	-0.03	-0.03	-0.04		ppb
Titanium	47-1	-0.01	0.00	0.02	0.00	388.95	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICB14	Instrumnet Name :	P7
Client Sample ID :	ICB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:59:06	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	28.03	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	65.63	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	-0.58	-0.60	-0.64	-0.61		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	20.68	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSA14	Instrumnet Name :	P7
Client Sample ID :	ICSA14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:02:23	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96441.95	96323.04	95355.63	96040.21	0.62	ppb
Antimony	121-1	1.15	1.14	1.11	1.14	1.60	ppb
Arsenic	75-2	0.20	0.23	0.40	0.28	38.09	ppb
Barium	135-1	1.33	1.25	1.40	1.33	5.72	ppb
Barium	137-1	1.31	1.42	1.39	1.38	4.09	ppb
Beryllium	9-1	0.29	0.31	0.27	0.29	5.96	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.76	9.86	8.66	9.76	10.79	ppb
Cadmium	106-1	-2.02	-2.54	-3.68	-2.74		ppb
Cadmium	111-1	0.26	0.19	0.13	0.19	34.51	ppb
Calcium	43-1	98589.79	98438.12	96732.09	97920.00	1.05	ppb
Calcium	44-1	97570.41	98144.34	97229.79	97648.18	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.07	19.77	19.66	19.83	1.08	ppb
Cobalt	59-2	1.22	1.25	1.28	1.25	2.70	ppb
Copper	63-2	8.10	8.20	8.15	8.15	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	101197.40	101940.76	101330.51	101489.56	0.39	ppb
Iron	57-2	101500.68	101732.61	101203.60	101478.96	0.26	ppb
Iron	54-2	101776.47	102530.90	100590.98	101632.78	0.96	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSA14	Instrumnet Name :	P7
Client Sample ID :	ICSA14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:02:23	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.65	4.78	4.49	4.64	3.13	ppb
Lead	207-1	4.17	4.11	4.05	4.11	1.52	ppb
Lead	208-1	4.35	4.37	4.24	4.32	1.60	ppb
Lithium	6-1				93		%
Magnesium	24-2	92387.76	93660.74	93081.60	93043.37	0.69	ppb
Manganese	55-2	7.92	8.01	8.18	8.04	1.65	ppb
Molybdenum	94-1	1510.66	1564.84	1535.17	1536.89	1.77	ppb
Molybdenum	95-1	1861.13	1887.28	1858.54	1868.98	0.85	ppb
Molybdenum	96-1	1817.67	1852.01	1825.39	1831.69	0.98	ppb
Molybdenum	97-1	1841.01	1874.04	1860.05	1858.37	0.89	ppb
Molybdenum	98-1	1851.40	1893.61	1837.46	1860.83	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.44	5.57	5.41	5.48	1.55	ppb
Phosphorus	31-2	97927.73	97697.77	97020.41	97548.64	0.48	ppb
Potassium	39-2	96996.13	96866.40	96328.10	96730.21	0.37	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	82-1	-0.26	-0.08	0.10	-0.08		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.38	0.95	-0.51	-0.31		ppb
Silicon	28-1	1.09	1.16	1.04	1.10	5.57	ppb
Silver	107-1	0.05	0.05	0.05	0.05	6.36	ppb
Silver	109-1	0.06	0.05	0.05	0.06	12.11	ppb
Sodium	23-2	99091.24	98507.18	99039.00	98879.14	0.33	ppb
Strontium	86-1	32.67	33.34	33.26	33.09	1.11	ppb
Strontium	88-1	32.63	33.44	32.90	32.99	1.24	ppb
Sulfur	34-1	109203.09	109062.45	106047.86	108104.47	1.65	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.16	0.19	0.16	15.85	ppb
Thallium	205-1	0.13	0.17	0.19	0.17	19.27	ppb
Tin	118-1	0.12	0.08	0.05	0.09	37.73	ppb
Titanium	47-1	2070.52	2087.81	2059.30	2072.54	0.69	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSA14	Instrumnet Name :	P7
Client Sample ID :	ICSA14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:02:23	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	2.78	ppb
Vanadium	51-2	0.21	0.24	0.20	0.22	8.59	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	10.94	10.17	10.41	10.50	3.73	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	22.12	ppb
Zirconium	91-1	0.03	0.01	0.03	0.03	42.82	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSAB14	Instrumnet Name :	P7
Client Sample ID :	ICSAB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:05:26	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97204.99	97138.98	96188.10	96844.02	0.59	ppb
Antimony	121-1	20.61	21.03	21.20	20.95	1.44	ppb
Arsenic	75-2	19.57	20.73	19.75	20.02	3.12	ppb
Barium	135-1	20.50	20.50	20.76	20.59	0.73	ppb
Barium	137-1	20.52	20.70	20.87	20.70	0.86	ppb
Beryllium	9-1	21.05	20.87	21.56	21.16	1.68	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.14	29.43	29.52	29.70	1.29	ppb
Cadmium	106-1	20.52	22.08	19.63	20.74	5.98	ppb
Cadmium	111-1	19.85	20.35	20.07	20.09	1.24	ppb
Calcium	43-1	97732.85	98163.75	99033.63	98310.07	0.67	ppb
Calcium	44-1	96926.63	98653.49	98786.45	98122.19	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.02	40.35	39.79	40.05	0.70	ppb
Cobalt	59-2	21.05	21.04	20.98	21.02	0.19	ppb
Copper	63-2	28.00	28.22	28.00	28.08	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	102849.53	103525.54	102960.89	103111.99	0.35	ppb
Iron	57-2	101911.24	102020.01	101432.70	101787.98	0.31	ppb
Iron	54-2	102823.12	103968.48	102617.57	103136.39	0.71	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSAB14	Instrumnet Name :	P7
Client Sample ID :	ICSAB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:05:26	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.08	28.01	28.18	28.09	0.30	ppb
Lead	207-1	27.07	26.96	27.13	27.05	0.31	ppb
Lead	208-1	27.35	27.35	27.56	27.42	0.44	ppb
Lithium	6-1				91		%
Magnesium	24-2	94183.64	94546.62	93656.92	94129.06	0.48	ppb
Manganese	55-2	28.09	28.08	28.03	28.07	0.12	ppb
Molybdenum	94-1	1629.98	1654.15	1630.11	1638.08	0.85	ppb
Molybdenum	95-1	1917.72	1927.20	1910.94	1918.62	0.43	ppb
Molybdenum	96-1	1853.84	1866.95	1911.08	1877.29	1.60	ppb
Molybdenum	97-1	1891.19	1905.52	1934.71	1910.47	1.16	ppb
Molybdenum	98-1	1889.29	1918.32	1888.40	1898.67	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.27	25.92	25.49	25.56	1.30	ppb
Phosphorus	31-2	98163.19	97274.12	97267.48	97568.26	0.53	ppb
Potassium	39-2	97878.69	97383.96	97741.80	97668.15	0.26	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	19.16	18.85	19.88	19.30	2.74	ppb
Selenium	77-2	20.01	22.40	21.53	21.31	5.67	ppb
Selenium	78-2	19.61	19.33	16.95	18.63	7.85	ppb
Silicon	28-1	4.43	4.47	4.81	4.57	4.62	ppb
Silver	107-1	18.85	19.20	19.45	19.17	1.59	ppb
Silver	109-1	18.95	19.31	19.35	19.20	1.16	ppb
Sodium	23-2	100180.20	100711.92	99653.45	100181.86	0.53	ppb
Strontium	86-1	75.07	76.69	76.13	75.96	1.09	ppb
Strontium	88-1	75.84	76.73	76.37	76.31	0.59	ppb
Sulfur	34-1	106053.02	109124.22	109685.43	108287.56	1.81	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	22.34	22.47	22.49	22.43	0.37	ppb
Thallium	205-1	22.15	22.45	22.49	22.36	0.82	ppb
Tin	118-1	41.83	42.78	43.06	42.55	1.51	ppb
Titanium	47-1	2078.19	2090.20	2107.56	2091.99	0.71	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSAB14	Instrumnet Name :	P7
Client Sample ID :	ICSAB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:05:26	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	40.78	40.77	41.53	41.03	1.07	ppb
Vanadium	51-2	19.75	19.51	19.61	19.62	0.60	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	32.30	32.08	32.31	32.23	0.39	ppb
Zirconium	90-1	42.62	43.10	43.39	43.03	0.91	ppb
Zirconium	91-1	43.16	44.14	43.32	43.54	1.21	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:08:27	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49397.21	49332.45	50188.54	49639.40	0.96	ppb
Antimony	121-1	488.55	489.34	490.04	489.31	0.15	ppb
Arsenic	75-2	499.17	513.92	516.69	509.93	1.85	ppb
Barium	135-1	2453.14	2460.31	2498.39	2470.61	0.98	ppb
Barium	137-1	2463.31	2454.33	2476.95	2464.86	0.46	ppb
Beryllium	9-1	503.10	511.41	513.57	509.36	1.09	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.03	500.94	504.01	502.99	0.35	ppb
Cadmium	106-1	504.30	503.90	505.36	504.52	0.15	ppb
Cadmium	111-1	505.34	501.98	505.14	504.15	0.37	ppb
Calcium	43-1	251348.97	250228.28	248844.52	250140.59	0.50	ppb
Calcium	44-1	250356.46	249096.53	249317.89	249590.29	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.07	492.78	490.37	490.41	0.48	ppb
Cobalt	59-2	506.53	508.95	514.36	509.95	0.79	ppb
Copper	63-2	4710.90	4796.65	4774.21	4760.59	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	56-2	129994.50	129002.68	130690.28	129895.82	0.65	ppb
Iron	57-2	127544.84	128485.80	129840.56	128623.73	0.90	ppb
Iron	54-2	128380.14	130143.58	130237.80	129587.17	0.81	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:08:27	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2497.92	2561.75	2468.48	2509.39	1.90	ppb
Lead	207-1	2503.87	2561.86	2496.62	2520.78	1.42	ppb
Lead	208-1	2501.27	2555.30	2504.86	2520.47	1.20	ppb
Lithium	6-1				89		%
Magnesium	24-2	249616.17	252076.70	256747.19	252813.36	1.43	ppb
Manganese	55-2	4844.67	4889.06	4934.24	4889.32	0.92	ppb
Molybdenum	94-1	4954.61	5076.31	5051.61	5027.51	1.28	ppb
Molybdenum	95-1	4961.65	5052.25	5034.46	5016.12	0.96	ppb
Molybdenum	96-1	4995.92	5074.01	5042.08	5037.34	0.78	ppb
Molybdenum	97-1	4907.16	5024.87	5045.74	4992.59	1.50	ppb
Molybdenum	98-1	4940.28	5083.31	4984.49	5002.69	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.97	506.67	508.76	506.47	0.47	ppb
Phosphorus	31-2	9807.74	9621.60	9991.59	9806.98	1.89	ppb
Potassium	39-2	123664.14	124730.58	124895.78	124430.17	0.54	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	504.80	508.65	507.50	506.98	0.39	ppb
Selenium	77-2	492.05	499.95	513.38	501.79	2.15	ppb
Selenium	78-2	482.22	497.90	506.03	495.38	2.44	ppb
Silicon	28-1	519.38	522.58	518.87	520.28	0.39	ppb
Silver	107-1	507.01	506.54	521.33	511.63	1.64	ppb
Silver	109-1	510.35	506.57	517.41	511.44	1.08	ppb
Sodium	23-2	246224.36	248272.98	249321.98	247939.77	0.64	ppb
Strontium	86-1	12276.15	12679.13	12363.76	12439.68	1.70	ppb
Strontium	88-1	12340.37	12586.85	12295.70	12407.64	1.26	ppb
Sulfur	34-1	9348.28	9260.21	9163.90	9257.46	1.00	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	510.18	504.34	498.31	504.28	1.18	ppb
Thallium	205-1	508.75	505.71	496.55	503.67	1.26	ppb
Tin	118-1	492.79	500.35	501.36	498.17	0.94	ppb
Titanium	47-1	4975.44	5047.61	4909.88	4977.64	1.38	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:08:27	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	523.89	523.83	523.73	523.81	0.02	ppb
Vanadium	51-2	494.16	495.55	495.77	495.16	0.18	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	4826.07	4873.78	4875.89	4858.58	0.58	ppb
Zirconium	90-1	505.89	510.86	500.72	505.82	1.00	ppb
Zirconium	91-1	500.90	508.88	501.80	503.86	0.87	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:14:50	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	1.23	1.34	1.31	5.08	ppb
Antimony	121-1	0.09	0.11	0.14	0.11	18.78	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.01	0.00	0.02	0.01	85.31	ppb
Barium	137-1	0.01	0.01	0.01	0.01	23.01	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	66.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.00	0.05	0.02	105.37	ppb
Cadmium	106-1	-3.90	-3.63	-3.79	-3.77		ppb
Cadmium	111-1	-0.28	-0.26	-0.27	-0.27		ppb
Calcium	43-1	-0.70	-4.30	-4.02	-3.01		ppb
Calcium	44-1	-0.08	-0.76	-0.18	-0.34		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.04	-0.06	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.10	0.18	0.06	0.11	51.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	1.35	1.42	1.52	1.43	5.93	ppb
Iron	57-2	-0.29	-1.12	-0.56	-0.66		ppb
Iron	54-2	1.10	0.71	1.20	1.00	25.67	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:14:50	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.09	0.07	0.08	13.01	ppb
Lead	207-1	0.09	0.07	0.07	0.08	15.27	ppb
Lead	208-1	0.08	0.08	0.07	0.08	6.60	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.84	2.18	2.24	2.09	10.25	ppb
Manganese	55-2	0.05	0.02	0.03	0.03	39.16	ppb
Molybdenum	94-1	0.10	0.12	0.14	0.12	14.89	ppb
Molybdenum	95-1	0.11	0.07	0.08	0.09	19.37	ppb
Molybdenum	96-1	0.09	0.07	0.07	0.08	13.22	ppb
Molybdenum	97-1	0.08	0.08	0.06	0.08	14.66	ppb
Molybdenum	98-1	0.10	0.08	0.08	0.09	14.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	-0.01		ppb
Phosphorus	31-2	-11.57	-14.73	-10.18	-12.16		ppb
Potassium	39-2	4.54	7.87	6.40	6.27	26.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	82-1	-0.60	-0.78	-0.13	-0.50		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	-0.49	-0.75	-0.52		ppb
Silicon	28-1	-1.07	-1.02	-1.16	-1.08		ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.28	ppb
Silver	109-1	0.02	0.01	0.02	0.02	10.60	ppb
Sodium	23-2	40.25	43.38	40.02	41.22	4.55	ppb
Strontium	86-1	0.08	0.03	0.08	0.06	43.88	ppb
Strontium	88-1	0.07	0.06	0.07	0.07	8.02	ppb
Sulfur	34-1	-1451.02	-1627.57	-1513.46	-1530.69		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.05	0.05	8.71	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.87	ppb
Tin	118-1	-0.05	-0.01	-0.04	-0.04		ppb
Titanium	47-1	0.08	0.11	0.06	0.08	26.09	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:14:50	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	19.17	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	43.17	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	-0.71	-0.60	-0.65	-0.65		ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	26.86	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	29.61	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:20:39	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.95	18.78	18.82	18.85	0.47	ppb
Antimony	121-1	1.86	1.89	1.93	1.89	1.84	ppb
Arsenic	75-2	0.96	1.01	0.88	0.95	6.49	ppb
Barium	135-1	9.04	8.98	9.17	9.06	1.07	ppb
Barium	137-1	9.23	8.85	9.34	9.14	2.82	ppb
Beryllium	9-1	0.97	0.96	1.09	1.00	7.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	0.92	0.90	0.95	6.91	ppb
Cadmium	106-1	-1.86	-2.75	-1.00	-1.87		ppb
Cadmium	111-1	0.81	0.75	0.80	0.79	4.03	ppb
Calcium	43-1	486.61	468.56	495.23	483.47	2.82	ppb
Calcium	44-1	495.43	478.16	501.26	491.62	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.93	1.96	1.93	1.92	ppb
Cobalt	59-2	0.97	1.00	0.99	0.98	1.31	ppb
Copper	63-2	1.94	1.93	1.91	1.93	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	53.01	53.30	52.87	53.06	0.41	ppb
Iron	57-2	53.14	51.77	51.61	52.17	1.61	ppb
Iron	54-2	55.07	54.72	55.42	55.07	0.63	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:20:39	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.84	0.94	0.88	5.83	ppb
Lead	207-1	0.88	0.85	0.88	0.87	2.34	ppb
Lead	208-1	0.89	0.86	0.90	0.88	2.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	489.52	493.33	488.85	490.57	0.49	ppb
Manganese	55-2	0.96	0.95	0.95	0.95	0.52	ppb
Molybdenum	94-1	5.26	5.13	5.47	5.29	3.33	ppb
Molybdenum	95-1	4.57	4.51	4.59	4.56	0.93	ppb
Molybdenum	96-1	4.73	4.36	4.59	4.56	4.08	ppb
Molybdenum	97-1	4.41	4.38	4.58	4.46	2.47	ppb
Molybdenum	98-1	4.45	4.46	4.62	4.51	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.99	0.97	0.98	0.77	ppb
Phosphorus	31-2	0.57	11.46	11.78	7.93	80.46	ppb
Potassium	39-2	491.82	493.16	486.32	490.43	0.74	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	4.19	4.34	4.37	4.30	2.28	ppb
Selenium	77-2	4.74	5.00	4.69	4.81	3.52	ppb
Selenium	78-2	5.62	4.44	4.79	4.95	12.28	ppb
Silicon	28-1	-0.12	-0.50	-0.24	-0.29		ppb
Silver	107-1	0.98	0.99	1.00	0.99	1.04	ppb
Silver	109-1	0.96	0.94	1.02	0.97	4.13	ppb
Sodium	23-2	512.19	512.60	504.04	509.61	0.95	ppb
Strontium	86-1	0.91	0.94	0.96	0.94	2.71	ppb
Strontium	88-1	0.92	0.91	0.93	0.92	1.52	ppb
Sulfur	34-1	-868.66	-1090.59	-872.24	-943.83		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.90	0.85	0.92	0.89	3.68	ppb
Thallium	205-1	0.89	0.84	0.89	0.87	2.83	ppb
Tin	118-1	4.84	4.62	4.78	4.75	2.42	ppb
Titanium	47-1	4.81	4.73	4.84	4.79	1.15	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:20:39	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.79	0.82	0.81	1.73	ppb
Vanadium	51-2	4.59	4.70	4.54	4.61	1.75	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	3.81	4.26	4.10	4.06	5.67	ppb
Zirconium	90-1	0.89	0.90	0.94	0.91	2.54	ppb
Zirconium	91-1	0.90	0.90	0.95	0.92	3.35	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BL	Instrumnet Name :	P7
Client Sample ID :	PB157537BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:24:50	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.18	0.03	-0.04		ppb
Antimony	121-1	0.00	0.01	0.02	0.01	58.56	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.01	0.00	0.00	0.00	84.79	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.02	0.01	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.02	0.00	0.01	94.27	ppb
Cadmium	106-1	-2.19	-0.87	-2.63	-1.89		ppb
Cadmium	111-1	-0.16	-0.07	-0.19	-0.14		ppb
Calcium	43-1	-5.36	-6.91	-2.18	-4.82		ppb
Calcium	44-1	-1.10	-1.36	-0.84	-1.10		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	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	0.00	-0.09	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.16	0.10	0.10	0.12	27.58	ppb
Iron	57-2	-1.40	-1.79	-0.91	-1.37		ppb
Iron	54-2	1.26	0.71	-0.23	0.58	129.97	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BL	Instrumnet Name :	P7
Client Sample ID :	PB157537BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:24:50	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.04	0.03	38.64	ppb
Lead	207-1	0.02	0.03	0.03	0.03	33.88	ppb
Lead	208-1	0.03	0.03	0.03	0.03	0.87	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.54	0.56	0.63	0.58	7.89	ppb
Manganese	55-2	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	23.12	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	58.65	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	38.91	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	60.95	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	17.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-15.46	-14.56	-12.22	-14.08		ppb
Potassium	39-2	2.36	0.17	-0.73	0.60	264.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	-0.50	-0.83	-0.55	-0.63		ppb
Selenium	77-2	0.00	0.00	0.27	0.09	173.21	ppb
Selenium	78-2	-0.15	0.51	1.35	0.57	131.08	ppb
Silicon	28-1	-0.58	-0.61	-0.40	-0.53		ppb
Silver	107-1	0.01	0.01	0.00	0.00	58.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.90	ppb
Sodium	23-2	21.61	21.50	19.84	20.98	4.73	ppb
Strontium	86-1	0.02	0.00	0.01	0.01	87.40	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	37.24	ppb
Sulfur	34-1	-690.15	-795.71	-703.32	-729.73		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.02	0.02	20.86	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	11.57	ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.00	0.02	0.01	128.40	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BL	Instrumnet Name :	P7
Client Sample ID :	PB157537BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:24:50	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	83.89	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	-0.64	-0.57	-0.66	-0.63		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.76	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	131.43	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BS	Instrumnet Name :	P7
Client Sample ID :	PB157537BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:28:05	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10336.95	10336.56	10536.82	10403.44	1.11	ppb
Antimony	121-1	499.68	505.01	501.50	502.06	0.54	ppb
Arsenic	75-2	500.86	496.95	499.79	499.20	0.40	ppb
Barium	135-1	2536.30	2517.89	2540.17	2531.45	0.47	ppb
Barium	137-1	2507.72	2455.64	2487.47	2483.61	1.06	ppb
Beryllium	9-1	516.88	517.27	521.59	518.58	0.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.01	502.35	506.12	506.83	0.96	ppb
Cadmium	106-1	514.30	500.57	505.26	506.71	1.38	ppb
Cadmium	111-1	510.32	500.53	506.90	505.92	0.98	ppb
Calcium	43-1	57963.32	58386.15	57820.24	58056.57	0.51	ppb
Calcium	44-1	53607.16	54796.25	53749.74	54051.05	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.40	507.19	509.76	504.78	1.29	ppb
Cobalt	59-2	500.43	522.87	511.17	511.49	2.19	ppb
Copper	63-2	5093.38	5063.11	5172.78	5109.76	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	26919.24	26806.74	27151.60	26959.19	0.65	ppb
Iron	57-2	27182.57	27309.72	27225.44	27239.25	0.24	ppb
Iron	54-2	27733.65	27416.65	27603.96	27584.75	0.58	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BS	Instrumnet Name :	P7
Client Sample ID :	PB157537BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:28:05	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2495.95	2512.30	2494.38	2500.88	0.40	ppb
Lead	207-1	2473.18	2500.21	2472.68	2482.02	0.63	ppb
Lead	208-1	2466.21	2504.28	2466.19	2478.90	0.89	ppb
Lithium	6-1				93		%
Magnesium	24-2	51303.09	51914.00	53164.83	52127.31	1.82	ppb
Manganese	55-2	5075.31	5073.64	5093.40	5080.78	0.22	ppb
Molybdenum	94-1	5055.98	5000.96	5010.29	5022.41	0.59	ppb
Molybdenum	95-1	5080.90	5048.03	5008.32	5045.75	0.72	ppb
Molybdenum	96-1	5054.51	5080.99	5013.47	5049.66	0.67	ppb
Molybdenum	97-1	4999.50	5058.62	4966.46	5008.19	0.93	ppb
Molybdenum	98-1	4960.22	5006.82	4957.86	4974.97	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.54	513.23	519.20	511.32	1.76	ppb
Phosphorus	31-2	10223.44	10357.36	10211.81	10264.20	0.79	ppb
Potassium	39-2	25504.69	26100.94	26372.68	25992.77	1.71	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	500.38	503.89	502.86	502.38	0.36	ppb
Selenium	77-2	499.66	501.61	499.09	500.12	0.26	ppb
Selenium	78-2	495.52	491.88	518.48	501.96	2.87	ppb
Silicon	28-1	527.82	526.82	513.40	522.68	1.54	ppb
Silver	107-1	520.99	514.77	512.58	516.12	0.85	ppb
Silver	109-1	518.12	511.91	509.21	513.08	0.89	ppb
Sodium	23-2	51513.09	52208.10	52767.09	52162.76	1.20	ppb
Strontium	86-1	12451.17	12627.87	12430.12	12503.05	0.87	ppb
Strontium	88-1	12431.01	12335.53	12289.25	12351.93	0.59	ppb
Sulfur	34-1	10254.49	9935.66	9438.61	9876.25	4.16	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	503.71	507.11	504.46	505.09	0.35	ppb
Thallium	205-1	501.30	501.98	496.77	500.02	0.57	ppb
Tin	118-1	501.57	497.08	500.84	499.83	0.48	ppb
Titanium	47-1	4989.65	5035.42	4982.24	5002.44	0.58	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BS	Instrumnet Name :	P7
Client Sample ID :	PB157537BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:28:05	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.73	500.02	482.36	491.70	1.80	ppb
Vanadium	51-2	489.76	501.99	514.99	502.25	2.51	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	5098.54	5188.72	5168.25	5151.84	0.92	ppb
Zirconium	90-1	496.13	499.63	493.97	496.58	0.58	ppb
Zirconium	91-1	500.31	507.61	497.57	501.83	1.03	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-02DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:36:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.39	2.46	2.06	2.30	9.29	ppb
Antimony	121-1	0.11	0.11	0.14	0.12	13.49	ppb
Arsenic	75-2	0.08	0.06	0.06	0.06	14.97	ppb
Barium	135-1	20.04	19.08	19.45	19.52	2.50	ppb
Barium	137-1	19.80	19.57	19.21	19.53	1.52	ppb
Beryllium	9-1	0.08	0.03	0.05	0.05	51.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.19	0.25	0.22	14.65	ppb
Cadmium	106-1	-3.82	-3.44	-3.78	-3.68		ppb
Cadmium	111-1	-0.17	-0.13	-0.11	-0.14		ppb
Calcium	43-1	165485.79	159598.83	161420.81	162168.48	1.86	ppb
Calcium	44-1	167484.71	160401.15	160381.26	162755.71	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.04	0.01	0.03	66.88	ppb
Cobalt	59-2	10.26	10.17	10.02	10.15	1.18	ppb
Copper	63-2	0.35	0.38	0.25	0.33	20.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	924.25	918.55	906.95	916.58	0.96	ppb
Iron	57-2	1910.93	1920.46	1916.94	1916.11	0.25	ppb
Iron	54-2	964.91	968.06	944.31	959.09	1.35	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-02DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:36:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.07	0.07	0.08	14.28	ppb
Lead	207-1	0.05	0.06	0.05	0.05	9.88	ppb
Lead	208-1	0.08	0.07	0.06	0.07	11.36	ppb
Lithium	6-1				90		%
Magnesium	24-2	7926.49	7895.58	7811.11	7877.73	0.76	ppb
Manganese	55-2	3125.62	3180.83	3088.64	3131.69	1.48	ppb
Molybdenum	94-1	0.32	0.33	0.35	0.33	5.26	ppb
Molybdenum	95-1	0.31	0.31	0.33	0.32	3.07	ppb
Molybdenum	96-1	0.27	0.28	0.31	0.29	6.54	ppb
Molybdenum	97-1	0.24	0.24	0.28	0.25	8.82	ppb
Molybdenum	98-1	0.26	0.25	0.26	0.25	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	3.12	3.07	3.05	2.50	ppb
Phosphorus	31-2	-13.23	-15.02	-14.68	-14.31		ppb
Potassium	39-2	654.22	652.78	640.56	649.19	1.16	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	-0.17	-0.90	-0.06	-0.37		ppb
Selenium	77-2	0.28	0.56	0.28	0.37	44.42	ppb
Selenium	78-2	-0.04	0.26	0.62	0.28	118.80	ppb
Silicon	28-1	377.97	365.47	374.01	372.48	1.72	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.11	ppb
Silver	109-1	0.02	0.01	0.02	0.01	29.43	ppb
Sodium	23-2	12839.80	13052.68	12826.00	12906.16	0.98	ppb
Strontium	86-1	298.28	289.25	289.53	292.35	1.76	ppb
Strontium	88-1	297.72	288.09	292.86	292.89	1.64	ppb
Sulfur	34-1	125020.61	120916.61	124394.09	123443.77	1.79	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.03	0.03	9.81	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.33	ppb
Tin	118-1	0.30	0.33	0.31	0.31	5.50	ppb
Titanium	47-1	0.46	0.41	0.43	0.43	6.00	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-02DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:36:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.76	0.77	0.78	3.37	ppb
Vanadium	51-2	0.24	0.28	0.25	0.26	7.37	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	71.33	72.17	71.98	71.83	0.62	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	9.49	ppb
Zirconium	91-1	0.04	0.06	0.07	0.06	26.64	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-04DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:39:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	1.94	1.77	1.93	8.10	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	3.03	ppb
Arsenic	75-2	0.06	0.06	0.03	0.05	29.77	ppb
Barium	135-1	18.75	18.96	18.95	18.89	0.62	ppb
Barium	137-1	18.63	19.11	19.23	18.99	1.67	ppb
Beryllium	9-1	0.02	0.01	0.04	0.02	73.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.07	0.16	0.13	41.44	ppb
Cadmium	106-1	-1.35	-2.50	-1.67	-1.84		ppb
Cadmium	111-1	-0.08	-0.11	-0.08	-0.09		ppb
Calcium	43-1	141439.85	146992.90	147250.29	145227.68	2.26	ppb
Calcium	44-1	142164.39	146499.18	145687.14	144783.57	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.90	0.94	0.97	0.94	3.83	ppb
Cobalt	59-2	11.35	11.41	11.33	11.37	0.36	ppb
Copper	63-2	0.37	0.30	0.30	0.32	12.45	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				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	3564.75	3571.60	3564.44	3566.93	0.11	ppb
Iron	57-2	4546.44	4581.41	4628.36	4585.40	0.90	ppb
Iron	54-2	3808.71	3774.45	3761.89	3781.68	0.64	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-04DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:39:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.10	0.09	0.09	4.50	ppb
Lead	207-1	0.10	0.10	0.10	0.10	2.41	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.82	ppb
Lithium	6-1				90		%
Magnesium	24-2	6916.15	6965.52	7008.56	6963.41	0.66	ppb
Manganese	55-2	2991.34	3015.72	2981.86	2996.31	0.58	ppb
Molybdenum	94-1	0.13	0.15	0.12	0.13	12.15	ppb
Molybdenum	95-1	0.18	0.21	0.18	0.19	9.06	ppb
Molybdenum	96-1	0.16	0.15	0.17	0.16	6.56	ppb
Molybdenum	97-1	0.12	0.13	0.16	0.14	14.87	ppb
Molybdenum	98-1	0.14	0.16	0.15	0.15	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.61	3.50	3.42	3.51	2.73	ppb
Phosphorus	31-2	-20.37	-12.85	-18.91	-17.38		ppb
Potassium	39-2	575.11	584.13	578.06	579.10	0.79	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	-0.41	-0.08	-0.36	-0.28		ppb
Selenium	77-2	0.00	0.57	0.28	0.28	100.16	ppb
Selenium	78-2	0.33	0.56	0.63	0.50	31.27	ppb
Silicon	28-1	358.82	370.31	373.09	367.41	2.06	ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.92	ppb
Silver	109-1	0.02	0.01	0.01	0.01	39.10	ppb
Sodium	23-2	11011.76	11067.31	11057.29	11045.45	0.27	ppb
Strontium	86-1	247.23	255.05	254.72	252.33	1.75	ppb
Strontium	88-1	248.15	254.78	254.98	252.64	1.54	ppb
Sulfur	34-1	110505.23	115222.54	112276.70	112668.16	2.11	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.03	0.03	0.03	14.76	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	5.86	ppb
Tin	118-1	0.05	0.04	0.05	0.05	9.43	ppb
Titanium	47-1	0.47	0.42	0.39	0.43	10.56	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-04DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:39:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.44	0.42	0.43	1.78	ppb
Vanadium	51-2	0.14	0.11	0.14	0.13	15.90	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	89.82	90.50	90.50	90.28	0.43	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	14.02	ppb
Zirconium	91-1	0.01	0.04	0.02	0.02	61.20	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-06DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-03DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:42:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.59	50.40	49.92	52.97	9.19	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	0.69	ppb
Arsenic	75-2	0.25	0.17	0.26	0.23	20.32	ppb
Barium	135-1	19.48	19.34	19.18	19.33	0.77	ppb
Barium	137-1	19.22	19.72	19.84	19.59	1.67	ppb
Beryllium	9-1	0.00	0.05	0.04	0.03	86.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.14	0.19	0.17	16.32	ppb
Cadmium	106-1	-2.73	-3.46	-2.37	-2.85		ppb
Cadmium	111-1	-0.09	-0.13	-0.06	-0.09		ppb
Calcium	43-1	143974.46	148535.83	147649.57	146719.95	1.65	ppb
Calcium	44-1	146143.22	149254.65	148022.93	147806.93	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.03	0.06	0.06	36.52	ppb
Cobalt	59-2	26.07	22.97	22.95	24.00	7.48	ppb
Copper	63-2	0.71	0.39	0.47	0.52	31.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	46815.78	42060.13	41054.80	43310.24	7.11	ppb
Iron	57-2	47455.23	42168.49	41669.76	43764.50	7.33	ppb
Iron	54-2	46430.57	41486.29	41260.62	43059.16	6.79	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-06DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-03DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:42:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.05	0.05	9.10	ppb
Lead	207-1	0.06	0.05	0.04	0.05	19.15	ppb
Lead	208-1	0.06	0.05	0.05	0.06	10.21	ppb
Lithium	6-1				85		%
Magnesium	24-2	12676.63	11116.44	11164.97	11652.68	7.61	ppb
Manganese	55-2	6001.11	5426.36	5298.89	5575.46	6.71	ppb
Molybdenum	94-1	0.14	0.15	0.16	0.15	6.99	ppb
Molybdenum	95-1	0.23	0.22	0.22	0.22	2.47	ppb
Molybdenum	96-1	0.36	0.34	0.34	0.35	3.70	ppb
Molybdenum	97-1	0.13	0.15	0.11	0.13	16.90	ppb
Molybdenum	98-1	0.14	0.14	0.15	0.15	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.22	5.49	5.63	5.78	6.67	ppb
Phosphorus	31-2	-17.51	-20.01	-19.19	-18.90		ppb
Potassium	39-2	883.79	755.44	758.91	799.38	9.15	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.14	0.03	-0.72	-0.27		ppb
Selenium	77-2	0.92	1.17	2.27	1.46	49.33	ppb
Selenium	78-2	0.93	0.14	-0.22	0.29	207.02	ppb
Silicon	28-1	601.32	612.18	613.88	609.13	1.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.88	ppb
Sodium	23-2	15682.04	13784.85	13801.68	14422.85	7.56	ppb
Strontium	86-1	291.39	292.45	292.57	292.14	0.22	ppb
Strontium	88-1	292.80	292.16	295.08	293.35	0.52	ppb
Sulfur	34-1	122505.73	124547.63	125589.45	124214.27	1.26	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.04	0.03	0.03	27.89	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.03	ppb
Tin	118-1	0.00	0.02	-0.01	0.00	9516.51	ppb
Titanium	47-1	0.64	0.64	0.68	0.65	3.17	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-06DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-03DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:42:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.43	0.44	0.44	0.78	ppb
Vanadium	51-2	0.15	0.14	0.16	0.15	5.91	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	157.95	138.67	141.17	145.93	7.18	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	36.49	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	10.46	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-08DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-04DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:45:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.22	3.68	3.71	3.87	7.77	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	6.25	ppb
Arsenic	75-2	0.06	0.10	0.05	0.07	40.36	ppb
Barium	135-1	19.92	21.42	19.96	20.43	4.20	ppb
Barium	137-1	20.09	19.62	19.94	19.88	1.22	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.16	0.06	0.10	53.51	ppb
Cadmium	106-1	-1.65	-1.43	-2.50	-1.86		ppb
Cadmium	111-1	-0.08	-0.08	-0.16	-0.11		ppb
Calcium	43-1	156650.64	159635.95	160379.49	158888.69	1.24	ppb
Calcium	44-1	158059.53	159783.58	161553.18	159798.76	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.11	0.05	0.09	36.61	ppb
Cobalt	59-2	9.06	9.05	9.06	9.06	0.10	ppb
Copper	63-2	0.34	0.33	0.27	0.31	11.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	761.46	759.50	762.54	761.17	0.20	ppb
Iron	57-2	1748.13	1739.05	1766.30	1751.16	0.79	ppb
Iron	54-2	811.46	793.73	795.61	800.27	1.22	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-08DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-04DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:45:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.05	0.04	0.04	14.11	ppb
Lead	207-1	0.04	0.04	0.04	0.04	5.51	ppb
Lead	208-1	0.04	0.05	0.05	0.05	6.78	ppb
Lithium	6-1				86		%
Magnesium	24-2	7153.42	7018.96	7056.98	7076.45	0.98	ppb
Manganese	55-2	2995.95	3000.26	3023.60	3006.61	0.49	ppb
Molybdenum	94-1	0.31	0.31	0.33	0.31	2.99	ppb
Molybdenum	95-1	0.40	0.39	0.51	0.43	14.22	ppb
Molybdenum	96-1	0.33	0.33	0.56	0.41	33.02	ppb
Molybdenum	97-1	0.36	0.36	0.37	0.37	1.00	ppb
Molybdenum	98-1	0.34	0.35	0.36	0.35	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.83	2.88	2.77	2.83	1.95	ppb
Phosphorus	31-2	-11.98	-11.29	-12.49	-11.92		ppb
Potassium	39-2	654.36	655.93	649.64	653.31	0.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	82-1	-0.49	-0.31	-0.68	-0.49		ppb
Selenium	77-2	0.00	0.00	0.28	0.09	173.21	ppb
Selenium	78-2	0.34	0.63	0.65	0.54	31.98	ppb
Silicon	28-1	355.97	359.07	358.11	357.72	0.44	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.73	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.00	ppb
Sodium	23-2	13471.93	13246.96	13335.11	13351.33	0.85	ppb
Strontium	86-1	285.56	293.19	292.60	290.45	1.46	ppb
Strontium	88-1	285.20	294.13	291.48	290.27	1.58	ppb
Sulfur	34-1	119060.26	120722.90	119783.91	119855.69	0.70	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.01	0.02	43.27	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.85	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.45	0.41	0.65	0.50	26.12	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-08DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-04DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:45:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.93	0.92	1.34	ppb
Vanadium	51-2	0.37	0.34	0.37	0.36	4.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	78.00	76.35	76.84	77.06	1.10	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	15.25	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	43.23	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-10DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-05DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:49:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.62	2.24	2.27	2.38	8.81	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	17.70	ppb
Arsenic	75-2	0.09	0.08	0.11	0.09	18.90	ppb
Barium	135-1	18.19	18.43	18.20	18.27	0.74	ppb
Barium	137-1	18.30	18.65	18.48	18.48	0.94	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	33.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.11	0.09	0.09	24.66	ppb
Cadmium	106-1	-2.55	-2.95	-3.65	-3.05		ppb
Cadmium	111-1	-0.16	-0.18	-0.23	-0.19		ppb
Calcium	43-1	154794.43	153536.00	155549.55	154626.66	0.66	ppb
Calcium	44-1	155765.62	153213.73	155819.78	154933.04	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.01	0.02	0.03	90.71	ppb
Cobalt	59-2	7.76	7.83	7.95	7.84	1.23	ppb
Copper	63-2	0.34	0.37	0.43	0.38	11.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	546.39	546.89	549.67	547.65	0.32	ppb
Iron	57-2	1484.47	1481.08	1521.52	1495.69	1.50	ppb
Iron	54-2	583.34	578.05	576.34	579.24	0.63	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-10DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-05DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:49:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.07	0.06	7.19	ppb
Lead	207-1	0.06	0.08	0.08	0.08	19.86	ppb
Lead	208-1	0.06	0.07	0.08	0.07	10.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	7597.06	7493.71	7571.22	7553.99	0.71	ppb
Manganese	55-2	2884.64	2823.93	2808.54	2839.04	1.42	ppb
Molybdenum	94-1	0.35	0.36	0.36	0.36	2.73	ppb
Molybdenum	95-1	0.45	0.44	0.44	0.44	1.47	ppb
Molybdenum	96-1	0.40	0.43	0.40	0.41	4.58	ppb
Molybdenum	97-1	0.42	0.40	0.34	0.39	10.47	ppb
Molybdenum	98-1	0.41	0.40	0.39	0.40	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.58	2.65	2.67	3.60	ppb
Phosphorus	31-2	-12.91	-12.97	-12.87	-12.92		ppb
Potassium	39-2	693.44	690.76	692.18	692.13	0.19	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	-0.68	-0.60	-0.82	-0.70		ppb
Selenium	77-2	0.00	0.56	0.28	0.28	100.56	ppb
Selenium	78-2	-0.91	-0.66	-0.28	-0.62		ppb
Silicon	28-1	348.96	348.90	355.24	351.04	1.04	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.00	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.62	ppb
Sodium	23-2	15193.62	15044.67	15139.57	15125.95	0.50	ppb
Strontium	86-1	302.79	299.01	304.70	302.17	0.96	ppb
Strontium	88-1	304.54	301.82	300.50	302.29	0.68	ppb
Sulfur	34-1	116947.06	114552.44	117938.88	116479.46	1.49	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	30.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.77	ppb
Tin	118-1	0.05	0.05	0.02	0.04	38.49	ppb
Titanium	47-1	0.48	0.47	0.44	0.46	4.84	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-10DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-05DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:49:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.07	1.09	1.08	0.61	ppb
Vanadium	51-2	0.42	0.40	0.39	0.40	4.88	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	76.50	77.85	78.09	77.48	1.11	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	4.64	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	32.51	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-12DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-06DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:52:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.34	2.48	3.09	2.64	15.09	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.34	ppb
Arsenic	75-2	0.11	0.03	0.10	0.08	59.54	ppb
Barium	135-1	19.76	19.93	19.84	19.84	0.42	ppb
Barium	137-1	19.96	19.88	19.69	19.84	0.71	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	111.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.00	0.09	0.07	93.10	ppb
Cadmium	106-1	-2.57	-2.65	-3.05	-2.76		ppb
Cadmium	111-1	-0.17	-0.14	-0.16	-0.16		ppb
Calcium	43-1	155817.85	158191.83	155839.52	156616.40	0.87	ppb
Calcium	44-1	157456.10	158469.06	158629.24	158184.80	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	0.01	0.02	75.02	ppb
Cobalt	59-2	8.21	8.30	8.38	8.29	1.04	ppb
Copper	63-2	0.32	0.38	0.40	0.37	11.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	580.84	582.65	596.45	586.65	1.46	ppb
Iron	57-2	1555.91	1545.87	1569.12	1556.97	0.75	ppb
Iron	54-2	608.80	620.90	616.51	615.40	1.00	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-12DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-06DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:52:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.08	0.06	0.07	15.00	ppb
Lead	207-1	0.07	0.06	0.06	0.06	8.40	ppb
Lead	208-1	0.06	0.07	0.06	0.06	4.45	ppb
Lithium	6-1				86		%
Magnesium	24-2	7950.11	7719.63	7874.18	7847.97	1.50	ppb
Manganese	55-2	2948.18	2961.42	2972.32	2960.64	0.41	ppb
Molybdenum	94-1	0.34	0.35	0.34	0.34	1.21	ppb
Molybdenum	95-1	0.44	0.39	0.44	0.42	7.19	ppb
Molybdenum	96-1	0.40	0.36	0.42	0.39	7.40	ppb
Molybdenum	97-1	0.40	0.35	0.39	0.38	7.05	ppb
Molybdenum	98-1	0.38	0.39	0.36	0.38	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.79	2.61	2.78	2.73	3.80	ppb
Phosphorus	31-2	-14.91	-20.23	-14.96	-16.70		ppb
Potassium	39-2	714.59	714.64	724.08	717.77	0.76	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	-0.92	-0.09	-0.63	-0.55		ppb
Selenium	77-2	0.28	0.29	0.29	0.29	1.03	ppb
Selenium	78-2	-0.99	-0.26	-0.51	-0.59		ppb
Silicon	28-1	356.85	363.33	363.00	361.06	1.01	ppb
Silver	107-1	0.00	0.01	0.01	0.01	41.36	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.18	ppb
Sodium	23-2	15863.35	15663.23	16019.20	15848.59	1.13	ppb
Strontium	86-1	311.09	315.10	316.02	314.07	0.84	ppb
Strontium	88-1	310.47	313.37	312.38	312.07	0.47	ppb
Sulfur	34-1	119897.99	122286.16	121823.42	121335.86	1.04	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.01	0.01	36.10	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.39	ppb
Tin	118-1	0.00	0.03	0.37	0.14	152.89	ppb
Titanium	47-1	0.38	0.31	0.40	0.36	12.38	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-12DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-06DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:52:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.08	1.09	1.08	0.74	ppb
Vanadium	51-2	0.40	0.40	0.38	0.39	3.58	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	74.78	76.00	76.01	75.60	0.93	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	37.37	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	22.78	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-14DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-07DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:55:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.99	2.88	2.66	2.84	5.90	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	4.35	ppb
Arsenic	75-2	0.09	0.01	0.09	0.06	76.73	ppb
Barium	135-1	19.80	18.73	19.67	19.40	3.01	ppb
Barium	137-1	19.45	19.07	19.55	19.35	1.31	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	1304.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.02	0.07	0.03	129.32	ppb
Cadmium	106-1	-1.90	-4.58	-3.73	-3.41		ppb
Cadmium	111-1	-0.09	-0.28	-0.23	-0.20		ppb
Calcium	43-1	153647.58	151595.26	153407.80	152883.55	0.73	ppb
Calcium	44-1	152431.83	150791.04	154129.73	152450.87	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	-0.01	0.02	140.80	ppb
Cobalt	59-2	10.16	10.12	10.34	10.21	1.17	ppb
Copper	63-2	0.39	0.50	0.46	0.45	12.60	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				105		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	1418.77	1422.41	1381.17	1407.45	1.62	ppb
Iron	57-2	2344.36	2389.94	2381.21	2371.83	1.02	ppb
Iron	54-2	1486.09	1496.31	1482.66	1488.35	0.48	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-14DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-07DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:55:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.06	0.05	8.69	ppb
Lead	207-1	0.07	0.06	0.05	0.06	18.40	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.44	ppb
Lithium	6-1				84		%
Magnesium	24-2	7011.17	7031.31	7089.43	7043.97	0.58	ppb
Manganese	55-2	2967.32	2993.20	2968.65	2976.39	0.49	ppb
Molybdenum	94-1	0.22	0.23	0.24	0.23	3.81	ppb
Molybdenum	95-1	0.28	0.28	0.34	0.30	12.94	ppb
Molybdenum	96-1	0.25	0.26	0.27	0.26	4.69	ppb
Molybdenum	97-1	0.26	0.26	0.26	0.26	0.86	ppb
Molybdenum	98-1	0.26	0.26	0.28	0.27	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.94	3.06	3.03	3.01	2.07	ppb
Phosphorus	31-2	-14.49	-16.05	-16.85	-15.80		ppb
Potassium	39-2	621.62	626.63	607.72	618.66	1.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	-0.48	-0.27	-0.64	-0.46		ppb
Selenium	77-2	0.28	0.28	0.00	0.19	86.60	ppb
Selenium	78-2	-1.31	-0.38	-0.19	-0.63		ppb
Silicon	28-1	360.47	355.65	363.98	360.03	1.16	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.25	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.01	ppb
Sodium	23-2	12653.61	12740.20	12803.59	12732.46	0.59	ppb
Strontium	86-1	273.86	271.84	279.18	274.96	1.38	ppb
Strontium	88-1	275.51	271.34	281.49	276.11	1.85	ppb
Sulfur	34-1	120336.47	117437.93	120049.39	119274.60	1.34	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.01	0.01	54.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.49	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	0.45	0.37	0.41	0.41	8.91	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-14DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-07DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:55:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.80	0.78	0.78	1.80	ppb
Vanadium	51-2	0.20	0.23	0.21	0.21	6.81	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	88.01	88.12	85.06	87.06	2.00	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	53.54	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	32.76	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:59:14	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50640.60	50533.00	48059.49	49744.36	2.94	ppb
Antimony	121-1	462.11	479.47	470.60	470.73	1.84	ppb
Arsenic	75-2	515.99	508.12	499.05	507.72	1.67	ppb
Barium	135-1	2369.59	2395.64	2347.76	2371.00	1.01	ppb
Barium	137-1	2330.02	2411.96	2342.82	2361.60	1.87	ppb
Beryllium	9-1	529.27	526.84	513.80	523.30	1.59	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	484.84	499.78	477.34	487.32	2.34	ppb
Cadmium	106-1	474.90	494.35	484.27	484.51	2.01	ppb
Cadmium	111-1	468.78	488.15	478.09	478.34	2.03	ppb
Calcium	43-1	243210.31	243985.63	246396.66	244530.86	0.68	ppb
Calcium	44-1	245139.17	245636.35	245688.47	245488.00	0.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.32	489.04	484.18	489.18	1.04	ppb
Cobalt	59-2	522.69	518.76	503.60	515.02	1.96	ppb
Copper	63-2	5005.84	4929.65	4817.43	4917.64	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	130866.76	130234.91	127048.43	129383.37	1.58	ppb
Iron	57-2	131144.75	131003.68	126430.25	129526.23	2.07	ppb
Iron	54-2	132906.39	131446.35	126860.15	130404.30	2.42	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:59:14	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2461.74	2555.19	2459.81	2492.25	2.19	ppb
Lead	207-1	2433.00	2561.70	2479.08	2491.26	2.62	ppb
Lead	208-1	2464.54	2558.50	2469.97	2497.67	2.11	ppb
Lithium	6-1				84		%
Magnesium	24-2	261336.88	259778.15	254139.12	258418.05	1.47	ppb
Manganese	55-2	4953.01	4895.09	4777.48	4875.19	1.83	ppb
Molybdenum	94-1	4881.20	4999.04	4825.67	4901.97	1.81	ppb
Molybdenum	95-1	4841.97	4990.42	4864.43	4898.94	1.63	ppb
Molybdenum	96-1	4867.47	4988.88	4881.92	4912.75	1.35	ppb
Molybdenum	97-1	4892.87	4920.35	4867.14	4893.45	0.54	ppb
Molybdenum	98-1	4919.69	4910.03	4851.40	4893.71	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.05	509.58	490.71	502.78	2.08	ppb
Phosphorus	31-2	9843.96	9839.25	9509.72	9730.98	1.97	ppb
Potassium	39-2	125644.35	125350.33	121512.28	124168.99	1.86	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	492.10	505.03	486.84	494.66	1.89	ppb
Selenium	77-2	504.96	496.85	493.14	498.32	1.21	ppb
Selenium	78-2	500.95	492.49	461.51	484.98	4.28	ppb
Silicon	28-1	509.46	521.78	513.60	514.95	1.22	ppb
Silver	107-1	475.57	495.34	481.41	484.11	2.10	ppb
Silver	109-1	478.05	494.43	486.43	486.30	1.68	ppb
Sodium	23-2	258044.17	257827.84	248808.67	254893.56	2.07	ppb
Strontium	86-1	12192.22	12489.88	11973.70	12218.60	2.12	ppb
Strontium	88-1	12200.58	12316.32	12047.71	12188.20	1.11	ppb
Sulfur	34-1	10755.48	10764.42	10428.20	10649.36	1.80	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	498.69	520.08	497.23	505.33	2.53	ppb
Thallium	205-1	493.11	516.07	496.10	501.76	2.49	ppb
Tin	118-1	463.36	476.98	466.68	469.01	1.51	ppb
Titanium	47-1	4820.68	4960.90	4837.67	4873.08	1.57	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:59:14	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	514.77	528.79	510.33	517.97	1.86	ppb
Vanadium	51-2	502.77	504.43	487.85	498.35	1.83	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	5100.40	5027.42	4830.82	4986.22	2.80	ppb
Zirconium	90-1	492.63	499.53	488.88	493.68	1.09	ppb
Zirconium	91-1	492.07	501.56	490.88	494.84	1.18	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:22:30	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.13	0.19	0.08	165.73	ppb
Antimony	121-1	0.08	0.09	0.10	0.09	8.78	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	31.48	ppb
Barium	137-1	0.02	0.01	0.01	0.01	33.98	ppb
Beryllium	9-1	0.00	0.01	-0.02	0.00		ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.00	-0.03	-0.02		ppb
Cadmium	106-1	-3.06	-3.10	-3.51	-3.22		ppb
Cadmium	111-1	-0.22	-0.23	-0.26	-0.24		ppb
Calcium	43-1	-5.32	-5.00	-3.53	-4.62		ppb
Calcium	44-1	-2.97	-2.17	-1.49	-2.21		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	-0.21	-0.15	-0.12	-0.16		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				104		%
Indium	115-2				101		%
Iron	56-2	0.56	0.94	1.90	1.13	60.91	ppb
Iron	57-2	-3.80	-3.33	-1.54	-2.89		ppb
Iron	54-2	0.42	0.83	2.04	1.10	76.89	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:22:30	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	0.00	0.00	70.58	ppb
Lead	207-1	0.00	0.01	0.01	0.01	50.36	ppb
Lead	208-1	0.02	0.02	0.01	0.01	33.05	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.45	2.13	2.52	2.03	26.70	ppb
Manganese	55-2	0.02	0.02	0.04	0.03	32.68	ppb
Molybdenum	94-1	0.09	0.08	0.09	0.09	6.59	ppb
Molybdenum	95-1	0.02	0.03	0.05	0.03	38.04	ppb
Molybdenum	96-1	0.01	0.02	0.04	0.02	59.76	ppb
Molybdenum	97-1	0.00	0.02	0.04	0.02	94.51	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	34.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-17.74	-19.91	-16.74	-18.13		ppb
Potassium	39-2	-11.49	-11.88	-8.78	-10.71		ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-0.70	-0.10	-0.31	-0.37		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	0.21	0.37	0.18	110.56	ppb
Silicon	28-1	-1.17	-1.23	-1.05	-1.15		ppb
Silver	107-1	0.00	0.00	0.00	0.00	130.34	ppb
Silver	109-1	0.00	0.01	0.01	0.01	49.25	ppb
Sodium	23-2	4.21	4.67	5.82	4.90	16.92	ppb
Strontium	86-1	0.03	0.01	0.03	0.02	48.18	ppb
Strontium	88-1	0.02	0.03	0.04	0.03	30.00	ppb
Sulfur	34-1	91.87	40.19	-12.15	39.97	130.13	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00	667.03	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	148.01	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb
Titanium	47-1	-0.01	0.01	-0.02	-0.01		ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:22:30	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	31.61	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	16.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	-0.58	-0.65	-0.62	-0.62		ppb
Zirconium	90-1	0.04	0.05	0.05	0.04	16.36	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	28.73	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:25:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	2.04	2.20	2.28	12.64	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	14.47	ppb
Arsenic	75-2	0.06	0.04	0.08	0.06	35.73	ppb
Barium	135-1	18.87	19.58	19.39	19.28	1.91	ppb
Barium	137-1	19.29	19.28	19.28	19.28	0.03	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.32	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.13	0.06	0.12	46.03	ppb
Cadmium	106-1	-3.20	-2.98	-3.60	-3.26		ppb
Cadmium	111-1	-0.16	-0.12	-0.15	-0.15		ppb
Calcium	43-1	150650.00	153581.67	152087.98	152106.55	0.96	ppb
Calcium	44-1	150719.42	153933.97	151848.08	152167.16	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.11	0.15	0.12	18.90	ppb
Cobalt	59-2	10.24	9.99	10.23	10.15	1.43	ppb
Copper	63-2	0.24	0.23	0.30	0.26	13.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2034.99	2006.89	2029.18	2023.68	0.73	ppb
Iron	57-2	3000.05	2991.60	2969.75	2987.13	0.52	ppb
Iron	54-2	2175.12	2124.76	2165.36	2155.08	1.24	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:25:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.11	0.10	0.11	2.00	ppb
Lead	207-1	0.08	0.09	0.12	0.10	25.29	ppb
Lead	208-1	0.10	0.10	0.11	0.10	8.23	ppb
Lithium	6-1				85		%
Magnesium	24-2	6969.88	6686.17	6912.74	6856.26	2.19	ppb
Manganese	55-2	2948.23	2954.96	2927.16	2943.45	0.49	ppb
Molybdenum	94-1	0.29	0.28	0.29	0.29	1.48	ppb
Molybdenum	95-1	0.25	0.25	0.29	0.26	8.08	ppb
Molybdenum	96-1	0.23	0.23	0.23	0.23	1.57	ppb
Molybdenum	97-1	0.22	0.23	0.23	0.22	1.37	ppb
Molybdenum	98-1	0.23	0.22	0.23	0.23	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.91	2.75	2.79	2.82	3.07	ppb
Phosphorus	31-2	-12.46	-18.83	-18.29	-16.52		ppb
Potassium	39-2	595.42	592.85	588.34	592.21	0.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	-0.27	-0.74	-0.02	-0.34		ppb
Selenium	77-2	0.84	0.27	0.27	0.46	70.91	ppb
Selenium	78-2	0.33	-0.01	-0.49	-0.05		ppb
Silicon	28-1	346.84	348.80	353.91	349.85	1.04	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.33	ppb
Sodium	23-2	12466.82	12055.72	12322.47	12281.67	1.70	ppb
Strontium	86-1	263.14	268.30	271.87	267.77	1.64	ppb
Strontium	88-1	264.94	267.76	267.87	266.86	0.62	ppb
Sulfur	34-1	118289.68	119840.67	120295.86	119475.40	0.88	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.01	0.01	25.03	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	10.23	ppb
Tin	118-1	-0.02	0.00	0.01	0.00		ppb
Titanium	47-1	0.36	0.35	0.37	0.36	1.95	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:25:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.69	0.67	0.68	1.65	ppb
Vanadium	51-2	0.18	0.15	0.18	0.17	8.27	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	88.65	85.29	87.82	87.25	2.01	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	13.58	ppb
Zirconium	91-1	0.06	0.06	0.07	0.06	8.97	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DUF	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:28:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.88	1.99	2.15	2.01	6.57	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	29.33	ppb
Arsenic	75-2	0.01	0.06	0.13	0.07	85.86	ppb
Barium	135-1	19.15	19.42	19.59	19.38	1.15	ppb
Barium	137-1	19.26	19.23	19.36	19.28	0.34	ppb
Beryllium	9-1	-0.02	0.03	-0.02	0.00		ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.15	0.15	0.14	18.28	ppb
Cadmium	106-1	-3.38	-2.55	-3.32	-3.09		ppb
Cadmium	111-1	-0.17	-0.12	-0.17	-0.15		ppb
Calcium	43-1	148722.59	151955.66	152818.23	151165.50	1.43	ppb
Calcium	44-1	151277.22	152064.38	152580.15	151973.92	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.09	0.16	0.12	35.25	ppb
Cobalt	59-2	10.21	10.21	10.26	10.23	0.28	ppb
Copper	63-2	0.24	0.34	0.33	0.30	18.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2034.26	2027.84	2071.88	2044.66	1.16	ppb
Iron	57-2	3019.80	2996.97	3072.89	3029.89	1.29	ppb
Iron	54-2	2167.70	2168.33	2187.14	2174.39	0.51	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DUF	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:28:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.10	0.09	0.09	3.99	ppb
Lead	207-1	0.10	0.08	0.09	0.09	10.52	ppb
Lead	208-1	0.10	0.09	0.09	0.09	5.69	ppb
Lithium	6-1				83		%
Magnesium	24-2	6882.79	6773.96	6879.64	6845.46	0.90	ppb
Manganese	55-2	2989.81	3003.75	2974.53	2989.36	0.49	ppb
Molybdenum	94-1	0.28	0.23	0.22	0.24	13.55	ppb
Molybdenum	95-1	0.23	0.28	0.28	0.26	11.23	ppb
Molybdenum	96-1	0.24	0.21	0.22	0.22	5.58	ppb
Molybdenum	97-1	0.22	0.20	0.20	0.20	7.67	ppb
Molybdenum	98-1	0.22	0.23	0.24	0.23	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.88	2.81	2.98	2.89	3.00	ppb
Phosphorus	31-2	-19.58	-18.00	-14.91	-17.50		ppb
Potassium	39-2	598.08	595.02	600.45	597.85	0.46	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	-0.86	-0.33	0.16	-0.34		ppb
Selenium	77-2	0.27	0.28	0.00	0.18	86.61	ppb
Selenium	78-2	-0.41	0.53	0.02	0.04	1066.20	ppb
Silicon	28-1	349.74	345.77	348.41	347.97	0.58	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.74	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.79	ppb
Sodium	23-2	12280.87	12215.06	12288.89	12261.61	0.33	ppb
Strontium	86-1	267.49	268.88	269.61	268.66	0.40	ppb
Strontium	88-1	265.84	266.82	267.59	266.75	0.33	ppb
Sulfur	34-1	118312.39	115964.80	119099.89	117792.36	1.38	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.01	0.01	34.25	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.92	ppb
Tin	118-1	-0.01	0.00	0.00	-0.01		ppb
Titanium	47-1	0.32	0.33	0.31	0.32	2.10	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DUF	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:28:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.66	0.67	0.67	2.25	ppb
Vanadium	51-2	0.17	0.17	0.19	0.18	6.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	88.53	87.37	88.31	88.07	0.70	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	12.37	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	16.81	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16LDLX25	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08LDL	Dilution Factor :	25
Date & Time Acquired :	2023-12-07 18:32:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.91	0.29	0.54	0.58	54.38	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	187.61	ppb
Arsenic	75-2	0.00	-0.01	0.00	-0.01		ppb
Barium	135-1	3.69	3.88	3.85	3.81	2.68	ppb
Barium	137-1	3.90	3.89	3.76	3.85	2.02	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	91.03	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.02	0.02	0.02	54.32	ppb
Cadmium	106-1	-2.01	-3.03	-2.64	-2.56		ppb
Cadmium	111-1	-0.13	-0.19	-0.18	-0.17		ppb
Calcium	43-1	32487.46	32033.12	32732.20	32417.59	1.09	ppb
Calcium	44-1	30283.22	30233.25	30793.08	30436.51	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.02	0.04	0.02	175.00	ppb
Cobalt	59-2	2.04	2.10	2.09	2.08	1.62	ppb
Copper	63-2	-0.10	-0.11	-0.11	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	430.86	436.76	441.28	436.30	1.20	ppb
Iron	57-2	596.29	604.66	613.24	604.73	1.40	ppb
Iron	54-2	430.79	439.60	434.12	434.84	1.02	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16LDLX25	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08LDL	Dilution Factor :	25
Date & Time Acquired :	2023-12-07 18:32:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.01	0.01	40.86	ppb
Lead	207-1	0.01	0.01	0.01	0.01	26.33	ppb
Lead	208-1	0.02	0.01	0.01	0.01	32.17	ppb
Lithium	6-1				87		%
Magnesium	24-2	1402.93	1413.95	1417.45	1411.44	0.54	ppb
Manganese	55-2	599.56	586.48	613.17	599.73	2.22	ppb
Molybdenum	94-1	0.06	0.05	0.06	0.05	10.34	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	9.37	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	20.35	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	10.45	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.04	13.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.57	0.52	0.56	6.56	ppb
Phosphorus	31-2	-16.26	-18.45	-17.01	-17.24		ppb
Potassium	39-2	103.79	104.61	107.85	105.42	2.03	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	-0.62	-0.65	-1.25	-0.84		ppb
Selenium	77-2	0.27	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	-0.66	0.00	-0.94	-0.53		ppb
Silicon	28-1	70.85	70.78	71.32	70.98	0.42	ppb
Silver	107-1	0.00	0.00	0.03	0.01	176.08	ppb
Silver	109-1	0.00	0.00	0.00	0.00	68.67	ppb
Sodium	23-2	2453.17	2459.31	2532.67	2481.72	1.78	ppb
Strontium	86-1	52.93	53.91	53.85	53.56	1.02	ppb
Strontium	88-1	53.48	53.77	53.46	53.57	0.33	ppb
Sulfur	34-1	23586.94	23306.94	24153.19	23682.36	1.82	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	0.00	0.00	100.27	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	690.60	ppb
Tin	118-1	-0.04	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.13	0.05	0.05	0.08	57.86	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16LDLX25	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08LDL	Dilution Factor :	25
Date & Time Acquired :	2023-12-07 18:32:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.13	0.13	2.15	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	10.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	17.51	17.32	17.51	17.44	0.63	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	19.67	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	109.30	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:35:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1921.27	1882.79	1867.93	1890.66	1.46	ppb
Antimony	121-1	93.34	93.66	95.15	94.05	1.03	ppb
Arsenic	75-2	97.47	97.40	98.39	97.75	0.56	ppb
Barium	135-1	461.02	456.79	464.97	460.93	0.89	ppb
Barium	137-1	473.47	473.18	475.98	474.21	0.32	ppb
Beryllium	9-1	105.72	105.59	104.81	105.37	0.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.16	94.71	96.48	95.45	0.96	ppb
Cadmium	106-1	93.43	93.77	96.10	94.43	1.54	ppb
Cadmium	111-1	97.35	97.17	99.60	98.04	1.38	ppb
Calcium	43-1	152882.33	150491.22	155435.68	152936.41	1.62	ppb
Calcium	44-1	152577.98	150227.92	155107.11	152637.67	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.62	97.46	94.94	96.34	1.33	ppb
Cobalt	59-2	108.23	108.60	108.35	108.39	0.18	ppb
Copper	63-2	946.85	926.86	898.20	923.97	2.65	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				101		%
Indium	115-2				99		%
Iron	56-2	8336.66	8079.79	8080.46	8165.63	1.81	ppb
Iron	57-2	9693.46	9426.00	9282.52	9467.32	2.20	ppb
Iron	54-2	8789.10	8613.80	8613.11	8672.00	1.17	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:35:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	461.71	448.93	449.99	453.54	1.56	ppb
Lead	207-1	457.01	445.49	454.46	452.32	1.34	ppb
Lead	208-1	456.11	443.13	452.68	450.64	1.49	ppb
Lithium	6-1				82		%
Magnesium	24-2	15950.20	15862.41	15994.03	15935.55	0.42	ppb
Manganese	55-2	3740.84	3675.27	3661.53	3692.55	1.15	ppb
Molybdenum	94-1	605.84	610.80	618.78	611.81	1.07	ppb
Molybdenum	95-1	529.97	528.88	553.00	537.28	2.54	ppb
Molybdenum	96-1	538.30	536.03	548.58	540.97	1.24	ppb
Molybdenum	97-1	528.82	533.56	547.89	536.76	1.85	ppb
Molybdenum	98-1	528.32	521.01	539.09	529.47	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.87	98.25	97.54	98.55	1.21	ppb
Phosphorus	31-2	-19.72	-15.91	-19.54	-18.39		ppb
Potassium	39-2	5267.56	5200.55	5240.93	5236.34	0.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	82-1	96.35	95.13	100.65	97.38	2.98	ppb
Selenium	77-2	92.71	95.34	99.96	96.01	3.82	ppb
Selenium	78-2	94.63	101.33	95.50	97.15	3.75	ppb
Silicon	28-1	339.44	331.01	338.68	336.38	1.39	ppb
Silver	107-1	91.66	91.37	91.86	91.63	0.27	ppb
Silver	109-1	90.12	90.78	91.78	90.89	0.92	ppb
Sodium	23-2	20894.87	21232.32	20948.87	21025.35	0.86	ppb
Strontium	86-1	343.75	341.45	350.41	345.21	1.35	ppb
Strontium	88-1	345.13	339.29	349.37	344.60	1.47	ppb
Sulfur	34-1	113251.72	109820.85	112819.64	111964.07	1.67	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	91.97	88.77	89.78	90.17	1.82	ppb
Thallium	205-1	97.40	94.15	95.15	95.57	1.74	ppb
Tin	118-1	88.78	89.66	89.86	89.43	0.64	ppb
Titanium	47-1	372.18	372.03	388.04	377.42	2.44	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:35:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	97.90	96.77	98.88	97.85	1.08	ppb
Vanadium	51-2	99.61	97.86	95.99	97.82	1.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1057.33	1051.89	1029.25	1046.16	1.42	ppb
Zirconium	90-1	93.98	93.49	96.04	94.50	1.43	ppb
Zirconium	91-1	93.83	93.64	96.21	94.56	1.51	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:38:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1932.88	1911.74	1831.79	1892.14	2.82	ppb
Antimony	121-1	94.31	93.15	91.53	93.00	1.50	ppb
Arsenic	75-2	96.19	95.61	98.19	96.67	1.40	ppb
Barium	135-1	463.85	459.27	450.46	457.86	1.49	ppb
Barium	137-1	480.55	468.18	463.47	470.74	1.87	ppb
Beryllium	9-1	106.49	107.85	103.49	105.94	2.11	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	96.13	94.41	95.43	95.32	0.90	ppb
Cadmium	106-1	96.44	94.33	92.21	94.32	2.24	ppb
Cadmium	111-1	98.62	97.84	95.30	97.25	1.78	ppb
Calcium	43-1	152655.11	151399.70	151209.04	151754.62	0.52	ppb
Calcium	44-1	150822.57	151957.11	151974.05	151584.58	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.01	95.65	91.43	95.36	3.98	ppb
Cobalt	59-2	110.16	106.40	102.75	106.44	3.48	ppb
Copper	63-2	946.59	928.96	889.31	921.62	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	8349.41	8312.41	7829.16	8163.66	3.56	ppb
Iron	57-2	9611.17	9502.08	9002.55	9371.93	3.46	ppb
Iron	54-2	8814.91	8703.29	8454.59	8657.60	2.13	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:38:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	442.69	449.66	439.27	443.87	1.19	ppb
Lead	207-1	453.48	449.30	442.12	448.30	1.28	ppb
Lead	208-1	449.93	449.34	439.35	446.21	1.33	ppb
Lithium	6-1				82		%
Magnesium	24-2	16050.53	15746.14	15185.03	15660.57	2.80	ppb
Manganese	55-2	3774.16	3785.61	3605.16	3721.64	2.72	ppb
Molybdenum	94-1	607.78	601.49	601.97	603.75	0.58	ppb
Molybdenum	95-1	533.07	526.31	523.33	527.57	0.95	ppb
Molybdenum	96-1	544.15	539.81	523.23	535.73	2.06	ppb
Molybdenum	97-1	537.21	534.97	524.70	532.29	1.25	ppb
Molybdenum	98-1	523.24	532.09	515.05	523.46	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.02	99.37	96.04	98.48	2.17	ppb
Phosphorus	31-2	-12.52	-16.92	-21.62	-17.02		ppb
Potassium	39-2	5425.15	5195.86	5038.03	5219.68	3.73	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	82-1	96.77	97.37	94.33	96.16	1.68	ppb
Selenium	77-2	88.42	98.67	98.60	95.23	6.19	ppb
Selenium	78-2	99.23	95.89	94.68	96.60	2.43	ppb
Silicon	28-1	331.68	335.90	328.18	331.92	1.16	ppb
Silver	107-1	92.51	91.10	89.15	90.92	1.85	ppb
Silver	109-1	92.01	90.54	88.96	90.50	1.69	ppb
Sodium	23-2	21372.29	20777.52	20322.65	20824.15	2.53	ppb
Strontium	86-1	345.28	342.97	336.31	341.52	1.36	ppb
Strontium	88-1	338.57	337.11	335.26	336.98	0.49	ppb
Sulfur	34-1	110064.51	111167.87	107742.93	109658.43	1.59	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	89.47	88.80	87.94	88.74	0.87	ppb
Thallium	205-1	94.93	94.11	92.81	93.95	1.14	ppb
Tin	118-1	90.15	89.33	87.29	88.92	1.65	ppb
Titanium	47-1	374.25	373.52	371.76	373.18	0.34	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:38:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	97.28	95.54	93.57	95.46	1.94	ppb
Vanadium	51-2	99.95	99.18	94.47	97.87	3.03	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1068.91	1037.20	993.36	1033.16	3.67	ppb
Zirconium	90-1	93.98	93.47	92.14	93.20	1.02	ppb
Zirconium	91-1	93.99	94.45	92.46	93.64	1.11	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16ADLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08ADL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:41:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1980.91	2674.46	2167.57	2274.31	15.78	ppb
Antimony	121-1	94.62	94.42	91.56	93.53	1.83	ppb
Arsenic	75-2	105.27	137.99	112.61	118.62	14.47	ppb
Barium	135-1	463.18	465.31	450.80	459.77	1.70	ppb
Barium	137-1	480.33	483.25	466.27	476.61	1.90	ppb
Beryllium	9-1	108.08	105.50	104.02	105.87	1.94	ppb
Bismuth	209-1				112		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	98.91	97.61	91.63	96.05	4.04	ppb
Cadmium	106-1	98.39	97.31	90.26	95.32	4.63	ppb
Cadmium	111-1	98.30	98.28	93.88	96.82	2.63	ppb
Calcium	43-1	153213.58	150819.57	147447.79	150493.65	1.92	ppb
Calcium	44-1	154048.31	152927.08	147158.19	151377.86	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.54	138.16	110.80	115.83	17.51	ppb
Cobalt	59-2	110.69	152.70	125.88	129.76	16.39	ppb
Copper	63-2	954.87	1336.10	1055.79	1115.59	17.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				93		%
Indium	115-1				104		%
Indium	115-2				84		%
Iron	56-2	8485.15	11652.78	9431.80	9856.58	16.50	ppb
Iron	57-2	9682.74	13636.73	10764.30	11361.26	17.99	ppb
Iron	54-2	9104.42	12381.82	10078.79	10521.68	16.00	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16ADLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08ADL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:41:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	459.93	453.45	435.47	449.62	2.82	ppb
Lead	207-1	451.13	460.36	436.33	449.27	2.70	ppb
Lead	208-1	456.52	452.84	436.48	448.62	2.38	ppb
Lithium	6-1				82		%
Magnesium	24-2	16287.53	22434.87	18386.43	19036.28	16.41	ppb
Manganese	55-2	3862.49	5268.94	4224.65	4452.03	16.40	ppb
Molybdenum	94-1	623.72	613.37	595.26	610.78	2.36	ppb
Molybdenum	95-1	545.90	541.77	514.75	534.14	3.17	ppb
Molybdenum	96-1	551.70	546.84	518.96	539.17	3.28	ppb
Molybdenum	97-1	549.63	538.62	521.17	536.48	2.67	ppb
Molybdenum	98-1	547.35	535.17	518.69	533.74	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.61	140.19	114.09	119.63	15.40	ppb
Phosphorus	31-2	-18.42	-6.74	-12.27	-12.48		ppb
Potassium	39-2	5378.35	7480.85	6042.57	6300.59	17.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				85		%
Selenium	82-1	97.05	97.75	92.67	95.82	2.87	ppb
Selenium	77-2	110.67	124.71	102.53	112.64	9.96	ppb
Selenium	78-2	99.71	134.54	101.82	112.02	17.43	ppb
Silicon	28-1	335.79	332.62	319.14	329.19	2.69	ppb
Silver	107-1	93.13	92.76	89.16	91.68	2.39	ppb
Silver	109-1	91.73	92.93	88.72	91.13	2.38	ppb
Sodium	23-2	21654.90	29737.93	24236.94	25209.92	16.38	ppb
Strontium	86-1	352.09	343.00	330.40	341.83	3.19	ppb
Strontium	88-1	348.07	344.67	331.60	341.44	2.55	ppb
Sulfur	34-1	111389.53	109973.77	105679.13	109014.15	2.73	ppb
Terbium	159-1				113		%
Terbium	159-2				93		%
Thallium	203-1	91.55	90.78	86.72	89.68	2.89	ppb
Thallium	205-1	96.67	95.47	91.62	94.59	2.79	ppb
Tin	118-1	90.26	90.12	87.49	89.29	1.75	ppb
Titanium	47-1	376.67	376.56	360.68	371.30	2.48	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16ADLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08ADL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:41:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	98.68	98.49	94.72	97.30	2.30	ppb
Vanadium	51-2	101.56	139.84	112.04	117.81	16.79	ppb
Yttrium	89-1				102		%
Yttrium	89-2				86		%
Zinc	66-2	1074.82	1490.06	1187.03	1250.63	17.18	ppb
Zirconium	90-1	95.96	95.04	91.77	94.26	2.34	ppb
Zirconium	91-1	96.06	94.49	92.47	94.34	1.91	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:44:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19143.56	18957.71	18763.60	18954.96	1.00	ppb
Antimony	121-1	0.15	0.15	0.18	0.16	12.15	ppb
Arsenic	75-2	5.87	5.87	6.59	6.11	6.80	ppb
Barium	135-1	22.20	23.15	23.05	22.80	2.27	ppb
Barium	137-1	21.87	22.77	23.48	22.71	3.54	ppb
Beryllium	9-1	1.79	1.72	1.73	1.74	2.32	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.05	2.33	2.01	2.13	8.09	ppb
Cadmium	106-1	-0.98	-1.30	-2.43	-1.57		ppb
Cadmium	111-1	2.16	2.18	1.93	2.09	6.69	ppb
Calcium	43-1	69271.23	71917.85	71696.22	70961.77	2.07	ppb
Calcium	44-1	70017.19	71921.50	71980.26	71306.32	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.96	8.73	8.67	8.79	1.74	ppb
Cobalt	59-2	17.31	17.41	17.31	17.34	0.34	ppb
Copper	63-2	13.16	12.66	12.50	12.78	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				113		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	8343.62	8252.48	8349.34	8315.15	0.65	ppb
Iron	57-2	9095.88	9026.91	9092.59	9071.79	0.43	ppb
Iron	54-2	8879.89	8823.22	8893.84	8865.65	0.42	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:44:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.35	10.73	10.62	10.57	1.89	ppb
Lead	207-1	9.97	10.32	10.27	10.18	1.89	ppb
Lead	208-1	10.15	10.57	10.43	10.38	2.08	ppb
Lithium	6-1				79		%
Magnesium	24-2	9928.86	9755.60	9746.31	9810.25	1.05	ppb
Manganese	55-2	4834.98	4805.76	4849.99	4830.24	0.47	ppb
Molybdenum	94-1	0.92	1.04	0.99	0.98	6.16	ppb
Molybdenum	95-1	0.24	0.26	0.25	0.25	5.12	ppb
Molybdenum	96-1	0.32	0.32	0.28	0.31	6.91	ppb
Molybdenum	97-1	0.18	0.19	0.19	0.19	3.81	ppb
Molybdenum	98-1	0.19	0.20	0.19	0.19	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.64	14.19	14.05	14.29	2.15	ppb
Phosphorus	31-2	795.82	762.12	770.96	776.30	2.25	ppb
Potassium	39-2	14640.57	14460.31	14177.00	14425.96	1.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	-0.66	-0.66	-0.17	-0.50		ppb
Selenium	77-2	1.32	2.67	2.67	2.22	35.11	ppb
Selenium	78-2	0.13	0.32	0.64	0.36	72.07	ppb
Silicon	28-1	438.57	450.59	453.40	447.52	1.76	ppb
Silver	107-1	0.06	0.06	0.04	0.05	16.30	ppb
Silver	109-1	0.05	0.06	0.04	0.05	17.25	ppb
Sodium	23-2	2580.68	2567.06	2517.10	2554.95	1.31	ppb
Strontium	86-1	220.98	230.31	235.41	228.90	3.20	ppb
Strontium	88-1	221.04	233.72	233.18	229.31	3.13	ppb
Sulfur	34-1	109263.20	111381.24	111731.88	110792.11	1.21	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.11	0.10	0.10	0.10	7.62	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	5.75	ppb
Tin	118-1	0.02	0.03	0.01	0.02	59.60	ppb
Titanium	47-1	2.63	3.14	2.72	2.83	9.62	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:44:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.09	0.08	0.09	4.91	ppb
Vanadium	51-2	17.28	16.92	16.94	17.05	1.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	576.97	577.91	573.03	575.97	0.45	ppb
Zirconium	90-1	0.42	0.44	0.48	0.44	6.80	ppb
Zirconium	91-1	0.41	0.44	0.47	0.44	7.61	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:47:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22745.59	22278.05	22474.22	22499.29	1.04	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	8.97	ppb
Arsenic	75-2	5.68	6.43	5.94	6.02	6.32	ppb
Barium	135-1	22.64	22.90	22.50	22.68	0.90	ppb
Barium	137-1	22.41	22.79	22.62	22.61	0.83	ppb
Beryllium	9-1	1.54	1.57	1.70	1.60	5.44	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.13	2.23	2.13	4.44	ppb
Cadmium	106-1	-1.22	-2.05	-2.14	-1.80		ppb
Cadmium	111-1	1.81	1.89	1.74	1.81	4.05	ppb
Calcium	43-1	57699.29	58598.43	58985.16	58427.63	1.13	ppb
Calcium	44-1	58275.61	58134.15	58571.91	58327.22	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.30	10.44	10.39	10.38	0.68	ppb
Cobalt	59-2	15.60	15.40	15.58	15.53	0.73	ppb
Copper	63-2	18.90	18.71	19.23	18.95	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	10045.39	9871.91	10041.62	9986.31	0.99	ppb
Iron	57-2	10831.45	10755.09	10832.63	10806.39	0.41	ppb
Iron	54-2	10165.41	10062.63	10181.31	10136.45	0.64	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:47:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.38	13.76	13.75	13.63	1.57	ppb
Lead	207-1	12.82	12.97	13.02	12.94	0.78	ppb
Lead	208-1	13.20	13.35	13.45	13.33	0.96	ppb
Lithium	6-1				78		%
Magnesium	24-2	7682.92	7677.89	7665.58	7675.46	0.12	ppb
Manganese	55-2	3845.68	3771.56	3829.64	3815.62	1.02	ppb
Molybdenum	94-1	0.83	0.80	0.88	0.84	4.39	ppb
Molybdenum	95-1	0.14	0.13	0.21	0.16	25.78	ppb
Molybdenum	96-1	0.20	0.21	0.32	0.24	25.97	ppb
Molybdenum	97-1	0.05	0.07	0.23	0.12	81.68	ppb
Molybdenum	98-1	0.07	0.07	0.23	0.12	78.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.45	15.23	15.32	15.33	0.75	ppb
Phosphorus	31-2	1538.10	1520.19	1579.71	1546.00	1.98	ppb
Potassium	39-2	11424.16	11399.56	11372.20	11398.64	0.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	82-1	-0.42	-0.45	-0.97	-0.61		ppb
Selenium	77-2	1.85	5.01	5.55	4.14	48.41	ppb
Selenium	78-2	-0.75	-0.12	0.29	-0.19		ppb
Silicon	28-1	442.15	445.63	442.87	443.55	0.41	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.04	ppb
Silver	109-1	0.01	0.01	0.02	0.01	12.55	ppb
Sodium	23-2	2008.02	1985.97	2071.10	2021.70	2.19	ppb
Strontium	86-1	188.30	187.82	189.07	188.40	0.34	ppb
Strontium	88-1	188.54	189.30	189.90	189.25	0.36	ppb
Sulfur	34-1	109306.84	109286.33	110133.49	109575.55	0.44	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.08	0.09	0.08	0.08	6.16	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.44	ppb
Tin	118-1	0.01	0.01	0.00	0.00	102.67	ppb
Titanium	47-1	4.73	4.82	4.67	4.74	1.55	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:47:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.14	0.13	3.69	ppb
Vanadium	51-2	26.33	26.13	26.61	26.36	0.90	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	528.09	529.29	525.89	527.76	0.33	ppb
Zirconium	90-1	0.42	0.43	0.43	0.43	2.09	ppb
Zirconium	91-1	0.45	0.43	0.49	0.46	7.27	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-06DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:50:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23311.38	23212.42	23035.23	23186.34	0.60	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	13.22	ppb
Arsenic	75-2	8.02	8.06	7.68	7.92	2.68	ppb
Barium	135-1	24.01	24.22	23.84	24.02	0.79	ppb
Barium	137-1	23.63	24.00	23.50	23.71	1.11	ppb
Beryllium	9-1	1.56	1.61	1.76	1.65	6.20	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.01	1.90	2.00	1.97	3.03	ppb
Cadmium	106-1	-1.27	-1.28	-1.65	-1.40		ppb
Cadmium	111-1	1.80	1.78	1.73	1.77	2.07	ppb
Calcium	43-1	53378.26	53578.51	51807.49	52921.42	1.83	ppb
Calcium	44-1	53564.19	53616.64	52950.05	53376.96	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.95	11.31	10.77	11.01	2.52	ppb
Cobalt	59-2	14.20	14.69	14.35	14.41	1.73	ppb
Copper	63-2	20.02	20.19	20.06	20.09	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				112		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	9749.56	9907.79	9657.63	9771.66	1.29	ppb
Iron	57-2	10398.85	10546.41	10363.45	10436.24	0.93	ppb
Iron	54-2	9867.40	9919.71	9961.81	9916.30	0.48	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-06DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:50:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.58	14.72	14.69	14.66	0.49	ppb
Lead	207-1	13.77	13.89	14.26	13.98	1.82	ppb
Lead	208-1	14.10	14.26	14.41	14.26	1.09	ppb
Lithium	6-1				76		%
Magnesium	24-2	7548.84	7611.36	7458.13	7539.44	1.02	ppb
Manganese	55-2	3713.95	3727.52	3667.39	3702.95	0.85	ppb
Molybdenum	94-1	0.84	0.74	0.86	0.81	7.78	ppb
Molybdenum	95-1	0.12	0.10	0.09	0.10	14.87	ppb
Molybdenum	96-1	0.20	0.18	0.20	0.19	6.62	ppb
Molybdenum	97-1	0.06	0.03	0.04	0.04	36.07	ppb
Molybdenum	98-1	0.04	0.06	0.06	0.05	21.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.01	14.33	13.84	14.06	1.77	ppb
Phosphorus	31-2	1697.25	1686.74	1658.42	1680.80	1.19	ppb
Potassium	39-2	10705.47	10840.42	10655.66	10733.85	0.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	82-1	-1.36	-0.82	-0.26	-0.81		ppb
Selenium	77-2	1.57	2.65	2.10	2.11	25.59	ppb
Selenium	78-2	1.98	0.06	-0.14	0.63	184.19	ppb
Silicon	28-1	453.15	455.82	444.69	451.22	1.29	ppb
Silver	107-1	0.01	0.01	0.00	0.01	52.04	ppb
Silver	109-1	0.01	0.01	0.00	0.01	35.86	ppb
Sodium	23-2	1965.96	1980.79	1952.74	1966.50	0.71	ppb
Strontium	86-1	174.84	174.87	175.97	175.23	0.37	ppb
Strontium	88-1	175.05	174.84	177.06	175.65	0.70	ppb
Sulfur	34-1	109054.54	107525.31	107942.12	108173.99	0.73	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.06	0.07	0.07	3.72	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	5.87	ppb
Tin	118-1	0.05	0.04	0.05	0.05	14.67	ppb
Titanium	47-1	4.71	4.75	4.89	4.78	2.02	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-06DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:50:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	2.14	ppb
Vanadium	51-2	27.39	27.62	27.21	27.40	0.75	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	478.74	478.89	473.53	477.05	0.64	ppb
Zirconium	90-1	0.41	0.44	0.43	0.43	3.94	ppb
Zirconium	91-1	0.42	0.44	0.41	0.42	3.60	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537TB	Instrumnet Name :	P7
Client Sample ID :	PB157537TB	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:53:28	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.26	3.76	4.00	4.01	6.35	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	1091.62	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.02	0.02	0.01	35.80	ppb
Barium	137-1	0.01	0.01	0.00	0.01	36.85	ppb
Beryllium	9-1	-0.01	0.02	0.00	0.00	1356.08	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.01	-0.05	-0.01		ppb
Cadmium	106-1	-2.87	-3.22	-3.61	-3.23		ppb
Cadmium	111-1	-0.21	-0.23	-0.26	-0.23		ppb
Calcium	43-1	17.01	10.14	3.77	10.31	64.27	ppb
Calcium	44-1	18.33	16.63	15.60	16.85	8.17	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	0.00	301.24	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.03	-0.05	0.17	0.03	368.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	1.65	1.27	1.93	1.62	20.36	ppb
Iron	57-2	-1.44	-2.78	-2.01	-2.08		ppb
Iron	54-2	0.72	0.97	2.24	1.31	62.40	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537TB	Instrumnet Name :	P7
Client Sample ID :	PB157537TB	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:53:28	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.01	0.01	9.92	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	9121.68	ppb
Lead	208-1	0.01	0.01	0.01	0.01	17.06	ppb
Lithium	6-1				81		%
Magnesium	24-2	2.12	1.45	2.23	1.94	21.75	ppb
Manganese	55-2	0.74	0.66	0.74	0.71	6.83	ppb
Molybdenum	94-1	0.00	0.01	0.02	0.01	60.10	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	45.49	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	35.97	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	645.84	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	63.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-16.35	-19.11	-13.60	-16.35		ppb
Potassium	39-2	-16.92	-16.91	-0.19	-11.34		ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	-0.96	-0.54	-1.25	-0.92		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.41	0.13	0.58	0.10	500.34	ppb
Silicon	28-1	-1.57	-1.56	-1.38	-1.50		ppb
Silver	107-1	0.00	0.00	0.00	0.00	138.73	ppb
Silver	109-1	0.00	0.00	0.00	0.00	39.46	ppb
Sodium	23-2	-0.42	-1.44	2.90	0.35	654.20	ppb
Strontium	86-1	0.07	0.06	0.06	0.06	1.68	ppb
Strontium	88-1	0.06	0.06	0.05	0.06	13.01	ppb
Sulfur	34-1	-753.59	-746.42	-586.58	-695.53		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.04		ppb
Titanium	47-1	0.00	-0.03	-0.03	-0.02		ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537TB	Instrumnet Name :	P7
Client Sample ID :	PB157537TB	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:53:28	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	22.21	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.67	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	-0.58	-0.44	-0.42	-0.48		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:01:52	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48741.66	49694.39	48204.95	48880.33	1.54	ppb
Antimony	121-1	478.24	477.64	467.77	474.55	1.24	ppb
Arsenic	75-2	498.12	515.66	490.70	501.49	2.56	ppb
Barium	135-1	2407.58	2443.24	2376.79	2409.20	1.38	ppb
Barium	137-1	2403.43	2449.43	2370.92	2407.93	1.64	ppb
Beryllium	9-1	534.42	525.22	520.60	526.75	1.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.78	499.41	480.26	490.15	1.96	ppb
Cadmium	106-1	491.98	488.16	473.20	484.44	2.05	ppb
Cadmium	111-1	490.67	491.40	472.05	484.71	2.26	ppb
Calcium	43-1	249496.80	250521.95	243682.11	247900.29	1.49	ppb
Calcium	44-1	249201.09	251502.09	241683.54	247462.24	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.30	507.93	490.38	497.53	1.85	ppb
Cobalt	59-2	514.69	526.58	511.31	517.53	1.55	ppb
Copper	63-2	4850.47	4974.18	4876.12	4900.25	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				111		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	129527.79	131908.14	129182.96	130206.30	1.14	ppb
Iron	57-2	129215.64	130784.24	126120.98	128706.95	1.84	ppb
Iron	54-2	129960.00	132815.85	129149.23	130641.69	1.47	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:01:52	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2527.96	2545.62	2478.51	2517.36	1.38	ppb
Lead	207-1	2526.62	2555.23	2488.83	2523.56	1.32	ppb
Lead	208-1	2524.48	2552.12	2494.86	2523.82	1.13	ppb
Lithium	6-1				83		%
Magnesium	24-2	254748.65	257180.10	249701.92	253876.89	1.50	ppb
Manganese	55-2	4855.14	4938.93	4844.26	4879.44	1.06	ppb
Molybdenum	94-1	4973.63	4896.07	4769.46	4879.72	2.11	ppb
Molybdenum	95-1	5057.47	4839.44	4822.62	4906.51	2.67	ppb
Molybdenum	96-1	5008.51	4861.53	4774.48	4881.50	2.42	ppb
Molybdenum	97-1	5025.93	4876.51	4841.50	4914.64	1.99	ppb
Molybdenum	98-1	5012.69	4854.24	4868.96	4911.96	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.86	515.53	497.83	504.74	1.88	ppb
Phosphorus	31-2	9590.24	9751.72	9426.25	9589.40	1.70	ppb
Potassium	39-2	122607.29	125315.61	122877.62	123600.17	1.21	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	500.62	487.86	481.33	489.94	2.00	ppb
Selenium	77-2	493.87	501.52	476.35	490.58	2.63	ppb
Selenium	78-2	483.00	487.71	485.00	485.24	0.49	ppb
Silicon	28-1	513.77	521.19	496.48	510.48	2.48	ppb
Silver	107-1	502.59	496.37	483.63	494.19	1.96	ppb
Silver	109-1	499.63	497.83	484.91	494.12	1.63	ppb
Sodium	23-2	248718.17	255608.39	249878.19	251401.58	1.47	ppb
Strontium	86-1	12479.87	12181.90	11947.73	12203.16	2.19	ppb
Strontium	88-1	12535.36	12107.14	12010.40	12217.64	2.29	ppb
Sulfur	34-1	10394.56	10203.82	9491.11	10029.83	4.75	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	513.53	513.52	493.11	506.72	2.33	ppb
Thallium	205-1	499.44	504.19	498.94	500.86	0.58	ppb
Tin	118-1	483.82	491.41	471.17	482.13	2.12	ppb
Titanium	47-1	5031.43	4954.74	4785.80	4923.99	2.55	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:01:52	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	523.82	522.59	517.23	521.21	0.67	ppb
Vanadium	51-2	495.88	510.34	492.01	499.41	1.93	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	4962.64	5075.85	4901.81	4980.10	1.77	ppb
Zirconium	90-1	501.17	483.01	478.68	487.62	2.45	ppb
Zirconium	91-1	505.45	489.10	481.24	491.93	2.51	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:08:46	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.36	0.54	0.34	61.43	ppb
Antimony	121-1	0.12	0.12	0.14	0.13	10.38	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.14	0.02	0.02	0.06	114.57	ppb
Barium	137-1	0.11	0.03	0.02	0.05	89.59	ppb
Beryllium	9-1	0.00	0.04	0.00	0.01	149.53	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.02	-0.03	0.00	1690.81	ppb
Cadmium	106-1	-4.97	-4.50	-4.33	-4.60		ppb
Cadmium	111-1	-0.30	-0.32	-0.31	-0.31		ppb
Calcium	43-1	-1.69	-3.22	-6.10	-3.67		ppb
Calcium	44-1	-0.63	-0.87	-1.51	-1.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.23	-0.19	-0.15	-0.19		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				115		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	1.32	1.34	1.58	1.41	10.05	ppb
Iron	57-2	-2.06	-1.89	-2.02	-1.99		ppb
Iron	54-2	1.28	0.82	1.61	1.24	32.11	ppb
Krypton	83-1						cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:08:46	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.03	0.04	0.05	63.38	ppb
Lead	207-1	0.06	0.06	0.03	0.05	29.55	ppb
Lead	208-1	0.08	0.04	0.04	0.05	46.30	ppb
Lithium	6-1				89		%
Magnesium	24-2	2.91	3.20	3.37	3.16	7.46	ppb
Manganese	55-2	0.09	0.06	0.07	0.07	20.27	ppb
Molybdenum	94-1	0.15	0.14	0.12	0.14	11.40	ppb
Molybdenum	95-1	0.13	0.08	0.08	0.10	27.17	ppb
Molybdenum	96-1	0.09	0.08	0.07	0.08	14.52	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	9.86	ppb
Molybdenum	98-1	0.10	0.09	0.08	0.09	6.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-20.10	-20.99	-18.97	-20.02		ppb
Potassium	39-2	-18.55	-15.40	-15.24	-16.40		ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	-0.62	-0.95	-0.56	-0.71		ppb
Selenium	77-2	0.26	0.27	0.00	0.18	86.60	ppb
Selenium	78-2	0.06	0.47	0.04	0.19	128.33	ppb
Silicon	28-1	-1.70	-1.58	-1.82	-1.70		ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.11	ppb
Silver	109-1	0.04	0.01	0.01	0.02	75.07	ppb
Sodium	23-2	7.72	6.83	6.43	6.99	9.45	ppb
Strontium	86-1	0.12	0.11	0.08	0.11	19.39	ppb
Strontium	88-1	0.13	0.10	0.11	0.11	13.25	ppb
Sulfur	34-1	-668.54	-552.29	-635.94	-618.92		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.01	0.01	0.01	41.38	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	72.42	ppb
Tin	118-1	0.02	-0.04	-0.01	-0.01		ppb
Titanium	47-1	0.05	0.04	0.06	0.05	18.09	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:08:46	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	32.79	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	45.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.74	-0.53	-0.66	-0.64		ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	12.69	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	10.31	ppb

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:11:09	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	223	237	216	12.01	cps
Antimony	121-1	73	107	117	99	22.95	cps
Arsenic	75-2	17	10	7	11	45.82	cps
Barium	135-1	13	30	27	23	37.81	cps
Barium	137-1	23	33	37	31	22.31	cps
Beryllium	9-1	117	147	153	139	14.06	cps
Bismuth	209-1	5651082	5727171	5721281	5699845	0.74	cps
Bismuth	209-2	4976274	4888655	4879165	4914698	1.09	cps
Bromine	81-1	8753	8809	8573	8712	1.42	cps
Bromine	81-2	147	123	157	142	12.03	cps
Cadmium	108-1	3	10	7	7	50.03	cps
Cadmium	106-1	4637	4551	4431	4540	2.29	cps
Cadmium	111-1	3257	3185	3104	3182	2.42	cps
Calcium	43-1	657	517	640	604	12.65	cps
Calcium	44-1	8479	8376	8803	8553	2.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1393	1300	1230	1308	6.27	cps
Cobalt	59-2	80	117	90	96	19.84	cps
Copper	63-2	3567	3564	3477	3536	1.44	cps
Dysprosium	156-1	3	0	13	6	124.93	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	133	73	107	104	28.79	cps
Erbium	164-2	57	43	57	52	14.75	cps
Gadolinium	160-1	27	43	37	36	23.58	cps
Gadolinium	160-2	393	393	423	403	4.29	cps
Holmium	165-1	9411422	9383838	9278419	9357893	0.75	cps
Holmium	165-2	7171882	7048334	7086079	7102098	0.89	cps
Indium	115-1	7547768	7596905	7680646	7608440	0.88	cps
Indium	115-2	2750377	2723272	2730366	2734672	0.51	cps
Iron	56-2	7625	7589	7305	7506	2.33	cps
Iron	57-2	957	857	960	924	6.35	cps
Iron	54-2	1240	1373	1197	1270	7.25	cps
Krypton	83-1	160	180	143	161	11.39	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:11:09	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	517	527	490	511	3.71	cps
Lead	207-1	470	413	480	454	7.91	cps
Lead	208-1	2297	2110	2233	2213	4.29	cps
Lithium	6-1	2198749	2235712	2176796	2203752	1.35	cps
Magnesium	24-2	310	333	307	317	4.59	cps
Manganese	55-2	173	143	173	163	10.60	cps
Molybdenum	94-1	207	177	207	197	8.81	cps
Molybdenum	95-1	53	53	67	58	13.33	cps
Molybdenum	96-1	130	123	90	114	18.73	cps
Molybdenum	97-1	70	60	33	54	34.82	cps
Molybdenum	98-1	87	87	97	90	6.41	cps
Neodymium	150-1	20	7	10	12	56.76	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	107	137	103	116	15.89	cps
Phosphorus	31-2	277	357	293	309	13.67	cps
Potassium	39-2	60269	59302	59776	59782	0.81	cps
Rhodium	103-1	7063652	7103093	7091180	7085975	0.29	cps
Rhodium	103-2	4406269	4382846	4401304	4396806	0.28	cps
Scandium	45-1	4922389	4953388	4907016	4927598	0.48	cps
Scandium	45-2	420115	417086	417278	418159	0.41	cps
Selenium	82-1	349	342	380	357	5.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	147	123	129	12.22	cps
Silicon	28-1	749188	754303	761452	754981	0.82	cps
Silver	107-1	130	87	137	118	23.05	cps
Silver	109-1	43	53	63	53	18.75	cps
Sodium	23-2	24182	23685	23712	23860	1.17	cps
Strontium	86-1	267	273	277	272	1.87	cps
Strontium	88-1	107	157	143	136	19.10	cps
Sulfur	34-1	275631	274559	273256	274482	0.43	cps
Terbium	159-1	9627043	9794346	9715877	9712422	0.86	cps
Terbium	159-2	7156872	7152459	7145512	7151615	0.08	cps
Thallium	203-1	177	143	163	161	10.41	cps
Thallium	205-1	387	340	440	389	12.87	cps
Tin	118-1	1183	1223	1190	1199	1.79	cps
Titanium	47-1	90	127	133	117	20.00	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:11:09	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	23	7	16	53.90	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	12753152	12759640	12909602	12807465	0.69	cps
Yttrium	89-2	3231219	3191671	3249869	3224253	0.92	cps
Zinc	66-2	703	770	763	746	4.92	cps
Zirconium	90-1	460	447	513	473	7.45	cps
Zirconium	91-1	80	117	80	92	22.96	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:17:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4511	4304	4607	4474	3.46	cps
Antimony	121-1	12976	13293	12822	13030	1.84	cps
Arsenic	75-2	357	410	383	383	6.96	cps
Barium	135-1	17154	17090	17608	17284	1.63	cps
Barium	137-1	30456	30266	29367	30029	1.94	cps
Beryllium	9-1	2023	1857	2127	2002	6.80	cps
Bismuth	209-1	5828026	5886154	5755205	5823128	1.13	cps
Bismuth	209-2	4985785	4900102	4886179	4924022	1.10	cps
Bromine	81-1	9050	8903	8479	8810	3.36	cps
Bromine	81-2	150	137	163	150	8.89	cps
Cadmium	108-1	163	157	160	160	2.08	cps
Cadmium	106-1	4831	4858	4904	4864	0.76	cps
Cadmium	111-1	5167	5211	5271	5216	1.00	cps
Calcium	43-1	11905	12235	12292	12144	1.72	cps
Calcium	44-1	196366	196901	196091	196453	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7459	7575	7405	7480	1.16	cps
Cobalt	59-2	5184	5111	5058	5118	1.24	cps
Copper	63-2	10290	10217	9930	10146	1.88	cps
Dysprosium	156-1	10	20	10	13	43.30	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	70	87	93	83	14.42	cps
Erbium	164-2	87	53	50	63	32.02	cps
Gadolinium	160-1	63	23	30	39	55.11	cps
Gadolinium	160-2	440	463	440	448	3.01	cps
Holmium	165-1	9442800	9726762	9569492	9579685	1.48	cps
Holmium	165-2	7308106	7158957	7172568	7213210	1.14	cps
Indium	115-1	7665025	7861499	7622650	7716391	1.65	cps
Indium	115-2	2763078	2788377	2783021	2778159	0.48	cps
Iron	56-2	150959	149602	151568	150709	0.67	cps
Iron	57-2	4517	4544	4704	4589	2.20	cps
Iron	54-2	9663	9400	9920	9661	2.69	cps
Krypton	83-1	177	190	153	173	10.71	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:17:42	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5144	5381	5228	5251	2.29	cps
Lead	207-1	4594	4781	4744	4706	2.10	cps
Lead	208-1	21033	21770	21377	21394	1.72	cps
Lithium	6-1	2184252	2275546	2258233	2239344	2.17	cps
Magnesium	24-2	192802	189690	191307	191266	0.81	cps
Manganese	55-2	2437	2517	2420	2458	2.10	cps
Molybdenum	94-1	14497	14474	14594	14522	0.44	cps
Molybdenum	95-1	17881	17968	17524	17791	1.32	cps
Molybdenum	96-1	19617	19840	20047	19835	1.09	cps
Molybdenum	97-1	11261	11068	10911	11080	1.58	cps
Molybdenum	98-1	28658	28474	29022	28718	0.97	cps
Neodymium	150-1	10	10	13	11	17.30	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1403	1330	1337	1357	2.99	cps
Phosphorus	31-2	587	697	633	639	8.64	cps
Potassium	39-2	252593	251176	251677	251815	0.29	cps
Rhodium	103-1	7115866	7520348	7176607	7270940	3.00	cps
Rhodium	103-2	4466975	4451833	4472150	4463653	0.24	cps
Scandium	45-1	4980772	5111228	5010986	5034329	1.36	cps
Scandium	45-2	421428	420680	424057	422055	0.42	cps
Selenium	82-1	897	863	917	893	3.06	cps
Selenium	77-2	83	53	53	63	27.35	cps
Selenium	78-2	340	303	337	327	6.21	cps
Silicon	28-1	780036	774751	782175	778987	0.49	cps
Silver	107-1	9170	9046	8846	9021	1.81	cps
Silver	109-1	8496	8172	8446	8371	2.08	cps
Sodium	23-2	330070	329157	330189	329805	0.17	cps
Strontium	86-1	2544	2464	2634	2547	3.34	cps
Strontium	88-1	20711	21292	20595	20866	1.79	cps
Sulfur	34-1	278095	278420	278891	278469	0.14	cps
Terbium	159-1	9763045	10321660	10019200	10034635	2.79	cps
Terbium	159-2	7305211	7254907	7210631	7256916	0.65	cps
Thallium	203-1	6368	6041	6018	6143	3.19	cps
Thallium	205-1	14842	14685	14862	14796	0.65	cps
Tin	118-1	30375	30008	29954	30113	0.76	cps
Titanium	47-1	5121	5331	5211	5221	2.02	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:17:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18830	18820	18483	18711	1.06	cps
Vanadium	51-2	13343	13610	13653	13535	1.24	cps
Yttrium	89-1	12938914	13398695	12818409	13052006	2.35	cps
Yttrium	89-2	3282832	3237447	3302704	3274327	1.02	cps
Zinc	66-2	3004	3084	3180	3089	2.86	cps
Zirconium	90-1	12419	12712	12172	12434	2.18	cps
Zirconium	91-1	2790	2754	2614	2719	3.43	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:20:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230414	228140	226491	228348	0.86	cps
Antimony	121-1	360498	370541	367142	366060	1.40	cps
Arsenic	75-2	18912	19042	18805	18920	0.63	cps
Barium	135-1	472223	480056	477750	476676	0.84	cps
Barium	137-1	820184	824947	828925	824685	0.53	cps
Beryllium	9-1	97369	99579	98325	98424	1.13	cps
Bismuth	209-1	5837953	5722842	5739013	5766603	1.08	cps
Bismuth	209-2	4861995	4875440	4886408	4874614	0.25	cps
Bromine	81-1	8316	8436	7899	8217	3.43	cps
Bromine	81-2	90	80	113	94	18.12	cps
Cadmium	108-1	7689	7819	8052	7853	2.35	cps
Cadmium	106-1	15221	15118	15415	15251	0.99	cps
Cadmium	111-1	104916	106652	105354	105641	0.85	cps
Calcium	43-1	143702	144524	144248	144158	0.29	cps
Calcium	44-1	2073600	2126294	2102831	2100908	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170444	171020	168735	170066	0.70	cps
Cobalt	59-2	258042	254161	253931	255378	0.90	cps
Copper	63-2	1863124	1803577	1817194	1827965	1.71	cps
Dysprosium	156-1	33	43	33	37	15.75	cps
Dysprosium	156-2	53	83	27	54	52.07	cps
Erbium	164-1	90	97	87	91	5.59	cps
Erbium	164-2	40	63	50	51	22.90	cps
Gadolinium	160-1	53	40	73	56	30.20	cps
Gadolinium	160-2	427	383	403	404	5.36	cps
Holmium	165-1	9663073	9603863	9570369	9612435	0.49	cps
Holmium	165-2	7018463	7136634	7152857	7102651	1.03	cps
Indium	115-1	7630017	7598435	7518448	7582300	0.76	cps
Indium	115-2	2655564	2661164	2601430	2639386	1.25	cps
Iron	56-2	7321448	7408484	7243352	7324428	1.13	cps
Iron	57-2	196355	194349	195659	195454	0.52	cps
Iron	54-2	438892	437833	439089	438605	0.15	cps
Krypton	83-1	150	137	187	158	16.41	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:20:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1395904	1412418	1423096	1410472	0.97	cps
Lead	207-1	1221329	1253891	1263344	1246188	1.77	cps
Lead	208-1	5727856	5836904	5913017	5825926	1.60	cps
Lithium	6-1	2265722	2169306	2206955	2213994	2.19	cps
Magnesium	24-2	2011159	2060960	2032722	2034947	1.23	cps
Manganese	55-2	1244741	1243028	1242397	1243389	0.10	cps
Molybdenum	94-1	1396961	1420359	1410621	1409314	0.83	cps
Molybdenum	95-1	2033225	2054929	2027423	2038526	0.71	cps
Molybdenum	96-1	2193759	2220018	2226304	2213361	0.78	cps
Molybdenum	97-1	1264481	1282775	1275517	1274258	0.72	cps
Molybdenum	98-1	3247638	3288098	3260473	3265403	0.63	cps
Neodymium	150-1	40	53	60	51	19.92	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	68402	67574	67106	67694	0.97	cps
Phosphorus	31-2	11978	11918	11831	11909	0.62	cps
Potassium	39-2	1127320	1111060	1111723	1116701	0.82	cps
Rhodium	103-1	7239207	6969365	6929977	7046183	2.39	cps
Rhodium	103-2	4306683	4228152	4241276	4258704	0.99	cps
Scandium	45-1	5048501	4873242	4848311	4923352	2.22	cps
Scandium	45-2	412424	410572	407740	410245	0.58	cps
Selenium	82-1	6675	6918	7015	6869	2.55	cps
Selenium	77-2	613	630	580	608	4.19	cps
Selenium	78-2	2027	2257	2210	2165	5.62	cps
Silicon	28-1	4529347	4562490	4540746	4544194	0.37	cps
Silver	107-1	493121	496784	497860	495922	0.50	cps
Silver	109-1	464796	474011	471221	470009	1.01	cps
Sodium	23-2	3292060	3265906	3250241	3269402	0.65	cps
Strontium	86-1	3273121	3272182	3308231	3284511	0.63	cps
Strontium	88-1	28617478	28575003	28406818	28533100	0.39	cps
Sulfur	34-1	311385	307655	303703	307581	1.25	cps
Terbium	159-1	9968315	9964935	9838077	9923776	0.75	cps
Terbium	159-2	7161003	7088956	7071418	7107126	0.67	cps
Thallium	203-1	342665	346744	350785	346731	1.17	cps
Thallium	205-1	805243	822163	829039	818815	1.50	cps
Tin	118-1	315955	318881	318500	317779	0.50	cps
Titanium	47-1	535884	543887	539576	539782	0.74	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:20:57	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1062673	1079276	1102195	1081382	1.84	cps
Vanadium	51-2	147092	146234	145530	146285	0.53	cps
Yttrium	89-1	13021271	12640277	12600631	12754060	1.82	cps
Yttrium	89-2	3167250	3149155	3137124	3151177	0.48	cps
Zinc	66-2	303250	303597	301427	302758	0.38	cps
Zirconium	90-1	679484	687479	683984	683649	0.59	cps
Zirconium	91-1	152472	153385	152119	152659	0.43	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:24:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542524	536614	537267	538802	0.60	cps
Antimony	121-1	876097	886393	885904	882798	0.66	cps
Arsenic	75-2	45576	44757	45389	45241	0.95	cps
Barium	135-1	1140821	1158362	1159656	1152946	0.91	cps
Barium	137-1	2048789	2064576	2038956	2050773	0.63	cps
Beryllium	9-1	232160	237501	234066	234576	1.15	cps
Bismuth	209-1	5559426	5679636	5672248	5637104	1.20	cps
Bismuth	209-2	4818790	4743617	4719017	4760474	1.09	cps
Bromine	81-1	7495	7485	7289	7423	1.57	cps
Bromine	81-2	77	107	113	99	19.75	cps
Cadmium	108-1	18328	17698	17958	17995	1.76	cps
Cadmium	106-1	29600	29493	30118	29737	1.12	cps
Cadmium	111-1	243342	249782	246202	246442	1.31	cps
Calcium	43-1	335265	334694	333476	334478	0.27	cps
Calcium	44-1	4902701	4872160	4788897	4854586	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	402532	396475	396844	398617	0.85	cps
Cobalt	59-2	605989	603156	599979	603042	0.50	cps
Copper	63-2	4274386	4206746	4244452	4241861	0.80	cps
Dysprosium	156-1	67	53	57	59	11.79	cps
Dysprosium	156-2	133	113	70	106	30.67	cps
Erbium	164-1	133	87	103	108	21.94	cps
Erbium	164-2	40	83	40	54	45.95	cps
Gadolinium	160-1	103	90	123	106	15.90	cps
Gadolinium	160-2	410	417	397	408	2.50	cps
Holmium	165-1	9260862	9320205	9348171	9309746	0.48	cps
Holmium	165-2	6953629	6861040	6803852	6872840	1.10	cps
Indium	115-1	7062735	7137608	7205739	7135361	1.00	cps
Indium	115-2	2530233	2501692	2529742	2520556	0.65	cps
Iron	56-2	17220741	17084360	17064871	17123324	0.50	cps
Iron	57-2	460415	457082	451125	456208	1.03	cps
Iron	54-2	1039084	1040637	1036636	1038786	0.19	cps
Krypton	83-1	120	110	170	133	24.11	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:24:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3688392	3735580	3719955	3714642	0.65	cps
Lead	207-1	3261703	3350524	3376528	3329585	1.81	cps
Lead	208-1	14633758	15072449	15046586	14917598	1.65	cps
Lithium	6-1	2160671	2126140	2091791	2126200	1.62	cps
Magnesium	24-2	4950926	4882790	4832638	4888784	1.21	cps
Manganese	55-2	2907277	2877700	2869668	2884882	0.69	cps
Molybdenum	94-1	3320693	3324432	3346861	3330662	0.42	cps
Molybdenum	95-1	4751494	4746298	4788896	4762229	0.49	cps
Molybdenum	96-1	5205213	5279609	5181679	5222167	0.98	cps
Molybdenum	97-1	3031740	3080089	2974839	3028889	1.74	cps
Molybdenum	98-1	7646165	7789338	7639049	7691517	1.10	cps
Neodymium	150-1	97	107	60	88	27.99	cps
Neodymium	150-2	23	20	30	24	20.83	cps
Nickel	60-2	152876	154914	155628	154473	0.92	cps
Phosphorus	31-2	27488	27478	26937	27301	1.15	cps
Potassium	39-2	2404342	2378104	2421497	2401314	0.91	cps
Rhodium	103-1	6589586	6689207	6588972	6622588	0.87	cps
Rhodium	103-2	4056457	3959205	3991066	4002243	1.24	cps
Scandium	45-1	4610690	4571255	4507127	4563024	1.15	cps
Scandium	45-2	394092	392441	389971	392168	0.53	cps
Selenium	82-1	15721	15892	15795	15803	0.55	cps
Selenium	77-2	1473	1370	1397	1413	3.80	cps
Selenium	78-2	5001	4661	4861	4841	3.53	cps
Silicon	28-1	9177229	9278512	9192334	9216025	0.59	cps
Silver	107-1	1179175	1189586	1185947	1184903	0.45	cps
Silver	109-1	1110998	1129115	1116647	1118920	0.83	cps
Sodium	23-2	7953130	7952507	7875780	7927139	0.56	cps
Strontium	86-1	7710612	7695229	7772612	7726151	0.53	cps
Strontium	88-1	66728906	67471179	67661422	67287169	0.73	cps
Sulfur	34-1	343058	342083	335707	340282	1.17	cps
Terbium	159-1	9637802	9654382	9740230	9677472	0.57	cps
Terbium	159-2	7099753	6904997	6939829	6981526	1.49	cps
Thallium	203-1	857423	870969	869387	865926	0.86	cps
Thallium	205-1	2166296	2161086	2184834	2170739	0.58	cps
Tin	118-1	762920	767794	769801	766839	0.46	cps
Titanium	47-1	1254248	1301829	1261341	1272473	2.02	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:24:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2988045	3013949	2991931	2997975	0.47	cps
Vanadium	51-2	342964	343001	339435	341800	0.60	cps
Yttrium	89-1	11894216	11941068	11945421	11926902	0.24	cps
Yttrium	89-2	2997074	2944516	2924709	2955433	1.27	cps
Zinc	66-2	714715	706992	702039	707915	0.90	cps
Zirconium	90-1	1652231	1658153	1647434	1652606	0.32	cps
Zirconium	91-1	361799	364797	362230	362942	0.45	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:26:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1068816	1060309	1053729	1060951	0.71	cps
Antimony	121-1	1707841	1731521	1751186	1730182	1.25	cps
Arsenic	75-2	89179	89336	88733	89083	0.35	cps
Barium	135-1	2286917	2359579	2319729	2322075	1.57	cps
Barium	137-1	3893479	3993084	3988073	3958212	1.42	cps
Beryllium	9-1	442333	449681	450539	447517	1.01	cps
Bismuth	209-1	5564921	5709085	5719137	5664381	1.52	cps
Bismuth	209-2	4851714	4812463	4800537	4821571	0.56	cps
Bromine	81-1	6902	7432	7209	7181	3.71	cps
Bromine	81-2	80	130	130	113	25.47	cps
Cadmium	108-1	34521	35400	35450	35124	1.49	cps
Cadmium	106-1	52361	52418	53133	52637	0.82	cps
Cadmium	111-1	461629	470196	474282	468702	1.38	cps
Calcium	43-1	621884	633400	627673	627652	0.92	cps
Calcium	44-1	8950671	9229395	9189290	9123118	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	786547	784007	785009	785188	0.16	cps
Cobalt	59-2	1182575	1185892	1182328	1183598	0.17	cps
Copper	63-2	8344232	8286924	8265179	8298778	0.49	cps
Dysprosium	156-1	100	193	127	140	34.34	cps
Dysprosium	156-2	163	187	207	186	11.69	cps
Erbium	164-1	77	163	143	128	35.51	cps
Erbium	164-2	97	83	80	87	10.18	cps
Gadolinium	160-1	150	90	117	119	25.29	cps
Gadolinium	160-2	423	413	417	418	1.22	cps
Holmium	165-1	9209125	9195724	9419123	9274658	1.35	cps
Holmium	165-2	7057904	7018825	7014250	7030326	0.34	cps
Indium	115-1	6818206	6862572	7000802	6893860	1.38	cps
Indium	115-2	2540500	2495077	2542253	2525943	1.06	cps
Iron	56-2	34064681	34024213	33971313	34020069	0.14	cps
Iron	57-2	909134	902813	905941	905962	0.35	cps
Iron	54-2	1963664	1923775	1939079	1942173	1.04	cps
Krypton	83-1	113	167	153	144	19.22	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:26:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7196198	7441643	7371457	7336433	1.72	cps
Lead	207-1	6428666	6549201	6620203	6532690	1.48	cps
Lead	208-1	28776032	29544187	29714767	29344996	1.70	cps
Lithium	6-1	2034942	2051313	2075462	2053906	0.99	cps
Magnesium	24-2	9531710	9669127	9523655	9574831	0.85	cps
Manganese	55-2	5675153	5633442	5637451	5648682	0.41	cps
Molybdenum	94-1	6302386	6396494	6312164	6337015	0.82	cps
Molybdenum	95-1	9069046	9153700	9141784	9121510	0.50	cps
Molybdenum	96-1	9848201	9922777	9938763	9903247	0.49	cps
Molybdenum	97-1	5688481	5723258	5742247	5717995	0.48	cps
Molybdenum	98-1	14578519	14799129	14723714	14700454	0.76	cps
Neodymium	150-1	190	190	217	199	7.74	cps
Neodymium	150-2	57	27	50	44	35.44	cps
Nickel	60-2	301444	302843	300991	301759	0.32	cps
Phosphorus	31-2	53757	54125	53085	53656	0.98	cps
Potassium	39-2	4697914	4664118	4728121	4696718	0.68	cps
Rhodium	103-1	6218913	6266495	6282092	6255833	0.53	cps
Rhodium	103-2	3946292	4028841	4064054	4013062	1.51	cps
Scandium	45-1	4300392	4340822	4335371	4325528	0.51	cps
Scandium	45-2	388900	387076	388770	388249	0.26	cps
Selenium	82-1	29433	29959	29663	29685	0.89	cps
Selenium	77-2	3024	2820	2894	2913	3.54	cps
Selenium	78-2	9790	10060	9727	9859	1.80	cps
Silicon	28-1	16397493	16430170	16399960	16409208	0.11	cps
Silver	107-1	2177890	2236279	2277116	2230428	2.24	cps
Silver	109-1	2110240	2146483	2160248	2138990	1.21	cps
Sodium	23-2	15337103	15319362	15395198	15350554	0.26	cps
Strontium	86-1	14668949	14747422	14911331	14775901	0.84	cps
Strontium	88-1	128525901	129387258	130759005	129557388	0.87	cps
Sulfur	34-1	397447	391792	384442	391227	1.67	cps
Terbium	159-1	9424007	9590878	9609618	9541501	1.07	cps
Terbium	159-2	7033733	7021978	6968614	7008108	0.50	cps
Thallium	203-1	1678043	1836575	1788702	1767773	4.60	cps
Thallium	205-1	4224612	4296445	4366854	4295970	1.66	cps
Tin	118-1	1439551	1469422	1486339	1465104	1.62	cps
Titanium	47-1	2335212	2444405	2410118	2396579	2.33	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:26:57	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5845068	5993627	6091652	5976782	2.08	cps
Vanadium	51-2	677534	680113	681903	679850	0.32	cps
Yttrium	89-1	11607269	11528090	11619413	11584924	0.43	cps
Yttrium	89-2	2954151	2961796	2996764	2970904	0.76	cps
Zinc	66-2	1396708	1388569	1391160	1392146	0.30	cps
Zirconium	90-1	3064225	3122354	3160217	3115599	1.55	cps
Zirconium	91-1	684714	697587	701838	694713	1.28	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:29:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1982767	2014334	1992858	1996653	0.81	cps
Antimony	121-1	3414826	3480932	3492262	3462673	1.21	cps
Arsenic	75-2	174961	176431	175780	175724	0.42	cps
Barium	135-1	4537598	4656919	4619258	4604592	1.32	cps
Barium	137-1	7943552	8061877	7975353	7993594	0.77	cps
Beryllium	9-1	857030	873058	865336	865141	0.93	cps
Bismuth	209-1	5624609	5704569	5732520	5687233	0.98	cps
Bismuth	209-2	4875190	4078236	4550232	4501219	8.90	cps
Bromine	81-1	7405	7232	7172	7270	1.67	cps
Bromine	81-2	103	113	83	100	15.28	cps
Cadmium	108-1	67395	69656	69057	68703	1.70	cps
Cadmium	106-1	99048	101236	101414	100566	1.31	cps
Cadmium	111-1	911135	930707	928289	923377	1.16	cps
Calcium	43-1	1209864	1226670	1208885	1215140	0.82	cps
Calcium	44-1	17812918	18340068	18189643	18114210	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1522852	1505111	1500755	1509573	0.78	cps
Cobalt	59-2	2336077	2284076	2300713	2306956	1.15	cps
Copper	63-2	15958921	16279139	16135948	16124669	0.99	cps
Dysprosium	156-1	260	277	260	266	3.62	cps
Dysprosium	156-2	327	393	357	359	9.30	cps
Erbium	164-1	187	187	163	179	7.53	cps
Erbium	164-2	123	140	130	131	6.40	cps
Gadolinium	160-1	263	287	247	266	7.57	cps
Gadolinium	160-2	493	500	547	513	5.66	cps
Holmium	165-1	9360066	9619685	9490514	9490089	1.37	cps
Holmium	165-2	7108173	6065542	6689035	6620917	7.92	cps
Indium	115-1	6909019	6935981	6941505	6928835	0.25	cps
Indium	115-2	2533112	2129568	2299522	2320734	8.73	cps
Iron	56-2	66675757	66134791	66710286	66506945	0.49	cps
Iron	57-2	1670438	1694848	1705111	1690132	1.05	cps
Iron	54-2	3776703	3747844	3809974	3778174	0.82	cps
Krypton	83-1	107	150	167	141	21.95	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:29:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14651314	14988191	14891371	14843626	1.17	cps
Lead	207-1	13024880	13268299	13157587	13150255	0.93	cps
Lead	208-1	58362281	59660865	59399273	59140806	1.16	cps
Lithium	6-1	2015260	2011328	1998815	2008468	0.43	cps
Magnesium	24-2	18542106	18338388	18524421	18468305	0.61	cps
Manganese	55-2	11085742	10953274	11138750	11059255	0.86	cps
Molybdenum	94-1	12505392	12863377	12738890	12702553	1.43	cps
Molybdenum	95-1	17992303	18392186	18256738	18213742	1.12	cps
Molybdenum	96-1	19715308	20241051	20080837	20012399	1.35	cps
Molybdenum	97-1	11229156	11554376	11523636	11435723	1.57	cps
Molybdenum	98-1	28990972	29887726	29817850	29565516	1.69	cps
Neodymium	150-1	353	403	397	384	7.06	cps
Neodymium	150-2	107	77	87	90	16.97	cps
Nickel	60-2	585518	594093	583758	587789	0.94	cps
Phosphorus	31-2	106188	102674	103648	104170	1.74	cps
Potassium	39-2	9270522	9380334	9204468	9285108	0.96	cps
Rhodium	103-1	6179788	6306374	6328096	6271419	1.28	cps
Rhodium	103-2	4033315	3438960	3710715	3727663	7.98	cps
Scandium	45-1	4314546	4362502	4413499	4363516	1.13	cps
Scandium	45-2	393971	333226	365308	364168	8.34	cps
Selenium	82-1	57813	58606	58849	58423	0.93	cps
Selenium	77-2	5668	5768	5351	5596	3.89	cps
Selenium	78-2	18535	18615	18492	18547	0.34	cps
Silicon	28-1	31107022	31673355	31156630	31312335	1.00	cps
Silver	107-1	4353533	4407039	4391046	4383872	0.63	cps
Silver	109-1	4101008	4223530	4175279	4166605	1.48	cps
Sodium	23-2	29961410	29879187	29933500	29924699	0.14	cps
Strontium	86-1	29043915	29959915	29892529	29632120	1.72	cps
Strontium	88-1	255559376	262688669	261410256	259886101	1.46	cps
Sulfur	34-1	538311	536329	534221	536287	0.38	cps
Terbium	159-1	9655265	9627174	9697419	9659953	0.37	cps
Terbium	159-2	7153662	6007194	6654381	6605079	8.70	cps
Thallium	203-1	3639527	3662370	3636966	3646288	0.38	cps
Thallium	205-1	8601063	8715101	8747874	8688013	0.89	cps
Tin	118-1	2913346	2995845	2980890	2963361	1.48	cps
Titanium	47-1	4666585	4833909	4784888	4761794	1.81	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:29:48	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11682508	11857753	12165151	11901804	2.05	cps
Vanadium	51-2	1293027	1347055	1336465	1325516	2.16	cps
Yttrium	89-1	11822699	11811500	11833051	11822417	0.09	cps
Yttrium	89-2	3042524	2581634	2840444	2821534	8.19	cps
Zinc	66-2	2653115	2672831	2638474	2654807	0.65	cps
Zirconium	90-1	6127487	6254013	6311226	6230909	1.51	cps
Zirconium	91-1	1369615	1406727	1407323	1394555	1.55	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:32:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3988971	3896437	3923087	3936165	1.21	cps
Antimony	121-1	6775714	6840345	6787791	6801284	0.51	cps
Arsenic	75-2	344374	339312	343104	342263	0.77	cps
Barium	135-1	9189008	9203490	9231607	9208035	0.24	cps
Barium	137-1	15958206	16015931	16197049	16057062	0.78	cps
Beryllium	9-1	1655358	1628094	1646836	1643429	0.85	cps
Bismuth	209-1	5570977	5607169	5595098	5591081	0.33	cps
Bismuth	209-2	4662158	4618932	4644198	4641763	0.47	cps
Bromine	81-1	7659	7529	7702	7630	1.18	cps
Bromine	81-2	87	120	90	99	18.56	cps
Cadmium	108-1	134739	135428	133763	134643	0.62	cps
Cadmium	106-1	191846	193045	191812	192234	0.37	cps
Cadmium	111-1	1786997	1827992	1789413	1801467	1.28	cps
Calcium	43-1	2426996	2411529	2389916	2409480	0.77	cps
Calcium	44-1	35806641	36189257	36154366	36050088	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2990722	2951414	2973270	2971802	0.66	cps
Cobalt	59-2	4446181	4465648	4462867	4458232	0.24	cps
Copper	63-2	30965445	30855185	31100077	30973569	0.40	cps
Dysprosium	156-1	533	480	543	519	6.56	cps
Dysprosium	156-2	630	780	650	687	11.86	cps
Erbium	164-1	213	257	253	241	10.00	cps
Erbium	164-2	153	127	150	143	10.14	cps
Gadolinium	160-1	480	433	507	473	7.84	cps
Gadolinium	160-2	680	697	617	664	6.35	cps
Holmium	165-1	9245860	9465580	9375412	9362284	1.18	cps
Holmium	165-2	6949950	7046161	6871830	6955981	1.26	cps
Indium	115-1	6863404	6817873	6798730	6826669	0.49	cps
Indium	115-2	2398847	2398127	2380067	2392347	0.44	cps
Iron	56-2	130529468	130966201	130265201	130586957	0.27	cps
Iron	57-2	3241577	3251084	3336372	3276344	1.59	cps
Iron	54-2	7430683	7376342	7306545	7371190	0.84	cps
Krypton	83-1	157	213	203	191	15.83	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:32:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29136478	28841484	29129314	29035758	0.58	cps
Lead	207-1	25690235	26099438	25653296	25814323	0.96	cps
Lead	208-1	115778515	117263736	116215779	116419343	0.66	cps
Lithium	6-1	2015228	2000443	2044488	2020053	1.11	cps
Magnesium	24-2	36709776	35818515	36251664	36259985	1.23	cps
Manganese	55-2	21991393	21886815	21891922	21923377	0.27	cps
Molybdenum	94-1	25436204	25598315	25347695	25460738	0.50	cps
Molybdenum	95-1	36049687	36760689	36676429	36495602	1.06	cps
Molybdenum	96-1	39541811	40054714	39855358	39817294	0.65	cps
Molybdenum	97-1	22820031	23037261	22879740	22912344	0.49	cps
Molybdenum	98-1	58744941	59784884	58502199	59010675	1.15	cps
Neodymium	150-1	813	673	797	761	10.05	cps
Neodymium	150-2	220	223	207	217	4.07	cps
Nickel	60-2	1129667	1119114	1115492	1121424	0.66	cps
Phosphorus	31-2	203224	201994	201183	202133	0.51	cps
Potassium	39-2	18105766	18240804	18020573	18122381	0.61	cps
Rhodium	103-1	6186718	6174664	6194911	6185431	0.16	cps
Rhodium	103-2	3881357	3845706	3852689	3859918	0.49	cps
Scandium	45-1	4340977	4389283	4411243	4380501	0.82	cps
Scandium	45-2	381204	381421	380851	381159	0.08	cps
Selenium	82-1	112331	113395	113693	113139	0.63	cps
Selenium	77-2	10867	10410	10927	10735	2.63	cps
Selenium	78-2	36759	36278	36077	36371	0.96	cps
Silicon	28-1	59217742	58822491	58025454	58688562	1.03	cps
Silver	107-1	8476992	8563940	8551429	8530787	0.55	cps
Silver	109-1	8053750	8180338	8063452	8099180	0.87	cps
Sodium	23-2	59675642	58212809	59335939	59074797	1.30	cps
Strontium	86-1	58700961	59313156	59732622	59248913	0.88	cps
Strontium	88-1	517191752	525934352	515111072	519412392	1.11	cps
Sulfur	34-1	864031	865054	862744	863943	0.13	cps
Terbium	159-1	9676314	9616434	9582616	9625121	0.49	cps
Terbium	159-2	7019274	6893337	6973064	6961892	0.92	cps
Thallium	203-1	7217814	7200447	7116635	7178299	0.75	cps
Thallium	205-1	16876507	17066003	17032727	16991746	0.60	cps
Tin	118-1	5842889	5918650	5915710	5892417	0.73	cps
Titanium	47-1	9467341	9444899	9378522	9430254	0.49	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:32:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23300008	24124855	24109970	23844944	1.98	cps
Vanadium	51-2	2611616	2617770	2606561	2611983	0.21	cps
Yttrium	89-1	11703304	11764224	11687604	11718377	0.35	cps
Yttrium	89-2	2889839	2955178	2918824	2921280	1.12	cps
Zinc	66-2	5104633	5058733	5015448	5059605	0.88	cps
Zirconium	90-1	12441413	12535846	12416454	12464571	0.51	cps
Zirconium	91-1	2737823	2808857	2757398	2768026	1.33	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:35:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18363927	18268206	18181269	18271134	0.50	cps
Antimony	121-1	6765	6488	6915	6723	3.22	cps
Arsenic	75-2	187	130	120	146	24.70	cps
Barium	135-1	6598	6582	6131	6437	4.11	cps
Barium	137-1	11712	10777	10514	11001	5.72	cps
Beryllium	9-1	827	793	763	794	3.99	cps
Bismuth	209-1	4777727	4779601	4615415	4724248	2.00	cps
Bismuth	209-2	3887369	3907994	3911928	3902430	0.34	cps
Bromine	81-1	9406	10844	11535	10595	10.25	cps
Bromine	81-2	590	560	610	587	4.29	cps
Cadmium	108-1	133	147	133	138	5.59	cps
Cadmium	106-1	4057	4091	4124	4091	0.82	cps
Cadmium	111-1	3987	4081	3970	4013	1.49	cps
Calcium	43-1	10033904	10077441	10112170	10074505	0.39	cps
Calcium	44-1	158657914	161056011	160645748	160119891	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9023	8766	8829	8873	1.51	cps
Cobalt	59-2	12449	13366	12986	12933	3.56	cps
Copper	63-2	12592	11968	11621	12061	4.08	cps
Dysprosium	156-1	1693	1620	1407	1573	9.47	cps
Dysprosium	156-2	1113	1167	1200	1160	3.77	cps
Erbium	164-1	260	337	227	274	20.55	cps
Erbium	164-2	150	173	210	178	17.01	cps
Gadolinium	160-1	1670	1673	1533	1626	4.91	cps
Gadolinium	160-2	1607	1577	1533	1572	2.34	cps
Holmium	165-1	8648807	8689506	8510505	8616273	1.09	cps
Holmium	165-2	6345177	6322263	6343823	6337088	0.20	cps
Indium	115-1	6293338	6211286	6161856	6222160	1.07	cps
Indium	115-2	2271252	2296540	2262964	2276919	0.77	cps
Iron	56-2	592439245	593936671	587687031	591354316	0.55	cps
Iron	57-2	14843036	14867386	14849721	14853381	0.08	cps
Iron	54-2	32594169	32835735	32929967	32786624	0.53	cps
Krypton	83-1	160	203	200	188	12.84	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:35:22	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17254	17381	15859	16832	5.02	cps
Lead	207-1	15479	14838	13654	14657	6.32	cps
Lead	208-1	69583	68508	63021	67037	5.25	cps
Lithium	6-1	1903321	1956055	1969940	1943105	1.81	cps
Magnesium	24-2	170548084	170790237	169036531	170124951	0.56	cps
Manganese	55-2	13873	13226	12982	13360	3.45	cps
Molybdenum	94-1	11258	11298	10470	11009	4.24	cps
Molybdenum	95-1	15295	16266	16126	15895	3.30	cps
Molybdenum	96-1	19837	18418	17714	18656	5.80	cps
Molybdenum	97-1	8873	8252	8182	8436	4.50	cps
Molybdenum	98-1	21786	21115	19069	20657	6.85	cps
Neodymium	150-1	240	267	200	236	14.25	cps
Neodymium	150-2	200	170	163	178	10.98	cps
Nickel	60-2	4104	3851	3764	3906	4.52	cps
Phosphorus	31-2	373	327	413	371	11.69	cps
Potassium	39-2	84325345	84499514	85248102	84690987	0.58	cps
Rhodium	103-1	5407685	5463145	5356050	5408960	0.99	cps
Rhodium	103-2	3376202	3346954	3400519	3374558	0.79	cps
Scandium	45-1	4150414	4156875	4223736	4177008	0.97	cps
Scandium	45-2	361232	360735	362256	361408	0.21	cps
Selenium	82-1	949	925	790	888	9.63	cps
Selenium	77-2	53	53	40	49	15.74	cps
Selenium	78-2	367	340	337	348	4.73	cps
Silicon	28-1	820422	834479	834816	829905	0.99	cps
Silver	107-1	3744	3307	2847	3299	13.59	cps
Silver	109-1	3414	3114	2857	3128	8.91	cps
Sodium	23-2	273642336	274406523	273623489	273890783	0.16	cps
Strontium	86-1	20227	18315	16826	18456	9.24	cps
Strontium	88-1	174967	163394	144785	161049	9.45	cps
Sulfur	34-1	197482	209456	216871	207936	4.70	cps
Terbium	159-1	8928069	8884581	8722198	8844949	1.23	cps
Terbium	159-2	6388048	6315851	6374134	6359344	0.60	cps
Thallium	203-1	2947	2814	2424	2728	9.97	cps
Thallium	205-1	7422	6752	5945	6706	11.03	cps
Tin	118-1	4954	4681	4687	4774	3.27	cps
Titanium	47-1	3497	3357	3584	3479	3.29	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:35:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11201	10331	9597	10376	7.74	cps
Vanadium	51-2	853	853	787	831	4.63	cps
Yttrium	89-1	10951993	10853268	10748740	10851334	0.94	cps
Yttrium	89-2	2782034	2742518	2781219	2768590	0.82	cps
Zinc	66-2	5741	5654	5724	5707	0.81	cps
Zirconium	90-1	8366	8266	7886	8172	3.10	cps
Zirconium	91-1	1947	1743	1780	1823	5.94	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICV14	Instrumnet Name :	P7
Client Sample ID :	ICV14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:45:02	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104573	103945	102834	103784	0.85	cps
Antimony	121-1	1295160	1303177	1317910	1305415	0.88	cps
Arsenic	75-2	69719	69371	68772	69287	0.69	cps
Barium	135-1	174075	173155	173253	173494	0.29	cps
Barium	137-1	297187	301749	301914	300283	0.89	cps
Beryllium	9-1	173516	175353	175710	174860	0.67	cps
Bismuth	209-1	5953876	5789128	5782843	5841949	1.66	cps
Bismuth	209-2	4927178	4905617	4885388	4906061	0.43	cps
Bromine	81-1	7832	7712	7502	7682	2.18	cps
Bromine	81-2	103	113	80	99	17.30	cps
Cadmium	108-1	21209	21806	20959	21325	2.04	cps
Cadmium	106-1	35680	35891	35573	35715	0.45	cps
Cadmium	111-1	192322	194858	194656	193945	0.73	cps
Calcium	43-1	48510	48587	50487	49195	2.28	cps
Calcium	44-1	742011	743463	752712	746062	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	306662	309005	304461	306709	0.74	cps
Cobalt	59-2	462352	462192	459924	461489	0.29	cps
Copper	63-2	320580	323985	319645	321403	0.71	cps
Dysprosium	156-1	13	30	13	19	50.96	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	117	123	87	109	17.94	cps
Erbium	164-2	37	67	37	47	37.11	cps
Gadolinium	160-1	50	43	70	54	25.49	cps
Gadolinium	160-2	350	343	490	394	21.00	cps
Holmium	165-1	9655505	9235509	9278686	9389900	2.46	cps
Holmium	165-2	6973245	6983711	7063356	7006771	0.70	cps
Indium	115-1	7464415	7223062	6982597	7223358	3.34	cps
Indium	115-2	2527108	2536246	2559410	2540921	0.66	cps
Iron	56-2	5202182	5235426	5179442	5205683	0.54	cps
Iron	57-2	138003	138377	136617	137666	0.67	cps
Iron	54-2	318098	316086	315439	316541	0.44	cps
Krypton	83-1	137	167	153	152	9.87	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICV14	Instrumnet Name :	P7
Client Sample ID :	ICV14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:45:02	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1240472	1265862	1275462	1260599	1.43	cps
Lead	207-1	1057960	1077790	1087314	1074355	1.39	cps
Lead	208-1	5108797	5113054	5164575	5128808	0.61	cps
Lithium	6-1	2206570	2154532	2121233	2160778	1.99	cps
Magnesium	24-2	425856	423685	421753	423765	0.48	cps
Manganese	55-2	226840	225020	225703	225854	0.41	cps
Molybdenum	94-1	12228439	12314695	12405619	12316251	0.72	cps
Molybdenum	95-1	17226808	17477673	17535677	17413386	0.94	cps
Molybdenum	96-1	18954071	19183806	19278848	19138908	0.87	cps
Molybdenum	97-1	10950759	10891840	10984732	10942444	0.43	cps
Molybdenum	98-1	28023453	28121844	28259990	28135095	0.42	cps
Neodymium	150-1	23	7	27	19	56.72	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	129500	128112	128242	128618	0.60	cps
Phosphorus	31-2	270	270	327	289	11.32	cps
Potassium	39-2	795655	787918	781435	788336	0.90	cps
Rhodium	103-1	6864639	6676995	6585024	6708886	2.12	cps
Rhodium	103-2	4125830	4089652	4096126	4103869	0.47	cps
Scandium	45-1	4696750	4549743	4568438	4604977	1.74	cps
Scandium	45-2	394863	391066	390840	392256	0.58	cps
Selenium	82-1	23457	23665	23991	23704	1.13	cps
Selenium	77-2	2157	2254	2357	2256	4.43	cps
Selenium	78-2	7862	7916	7562	7780	2.45	cps
Silicon	28-1	3356998	3386021	3333240	3358753	0.79	cps
Silver	107-1	432679	435562	438315	435518	0.65	cps
Silver	109-1	406911	412580	410484	409992	0.70	cps
Sodium	23-2	1201255	1181201	1161505	1181321	1.68	cps
Strontium	86-1	1188756	1212385	1200739	1200627	0.98	cps
Strontium	88-1	10328653	10620722	10372905	10440760	1.51	cps
Sulfur	34-1	219307	210319	203006	210877	3.87	cps
Terbium	159-1	9831280	9515094	9523713	9623363	1.87	cps
Terbium	159-2	6994301	6941801	6948410	6961504	0.41	cps
Thallium	203-1	1455827	1476311	1489118	1473752	1.14	cps
Thallium	205-1	3673956	3737974	3677791	3696574	0.97	cps
Tin	118-1	3000483	3068173	3058240	3042299	1.20	cps
Titanium	47-1	5145081	5144330	5133463	5140958	0.13	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICV14	Instrumnet Name :	P7
Client Sample ID :	ICV14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:45:02	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12582848	12918823	13046515	12849395	1.86	cps
Vanadium	51-2	257555	255309	253848	255570	0.73	cps
Yttrium	89-1	12430699	11951795	11833834	12072109	2.62	cps
Yttrium	89-2	3025651	3059266	2989640	3024852	1.15	cps
Zinc	66-2	105990	106731	104764	105828	0.94	cps
Zirconium	90-1	6254898	6257163	6261631	6257897	0.05	cps
Zirconium	91-1	1391964	1402296	1399895	1398052	0.39	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:55:48	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4431	4397	4227	4352	2.51	cps
Antimony	121-1	12772	13063	12622	12819	1.75	cps
Arsenic	75-2	323	320	300	314	4.01	cps
Barium	135-1	16466	16276	16513	16418	0.76	cps
Barium	137-1	28412	28686	28448	28515	0.52	cps
Beryllium	9-1	2070	1943	2053	2022	3.40	cps
Bismuth	209-1	5749523	5674621	5633580	5685908	1.03	cps
Bismuth	209-2	4934816	4872672	4983683	4930390	1.13	cps
Bromine	81-1	8286	8169	8456	8304	1.74	cps
Bromine	81-2	123	107	130	120	10.01	cps
Cadmium	108-1	123	133	120	126	5.53	cps
Cadmium	106-1	4624	4394	4184	4401	5.00	cps
Cadmium	111-1	4924	4683	4608	4738	3.48	cps
Calcium	43-1	11491	11628	12048	11722	2.48	cps
Calcium	44-1	181499	183829	187095	184141	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7128	7112	7265	7168	1.17	cps
Cobalt	59-2	4671	4624	4864	4720	2.70	cps
Copper	63-2	9133	8899	9133	9055	1.49	cps
Dysprosium	156-1	3	7	13	8	65.47	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	90	80	83	84	6.03	cps
Erbium	164-2	50	40	63	51	22.90	cps
Gadolinium	160-1	33	37	43	38	13.48	cps
Gadolinium	160-2	360	360	417	379	8.64	cps
Holmium	165-1	9446708	9390052	9390396	9409052	0.35	cps
Holmium	165-2	7067950	7065720	7204422	7112697	1.12	cps
Indium	115-1	7476426	7482469	7436960	7465285	0.33	cps
Indium	115-2	2726701	2711919	2718014	2718878	0.27	cps
Iron	56-2	144574	145748	145099	145140	0.41	cps
Iron	57-2	4437	4401	4634	4491	2.79	cps
Iron	54-2	9320	9433	9310	9354	0.73	cps
Krypton	83-1	160	227	137	174	26.77	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:55:48	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5465	5434	5474	5458	0.38	cps
Lead	207-1	4814	4941	4821	4859	1.47	cps
Lead	208-1	22301	22427	22254	22327	0.40	cps
Lithium	6-1	2229573	2165332	2230290	2208398	1.69	cps
Magnesium	24-2	183230	185443	181621	183432	1.05	cps
Manganese	55-2	2227	2337	2600	2388	8.03	cps
Molybdenum	94-1	13907	14547	14390	14282	2.34	cps
Molybdenum	95-1	16730	17641	17651	17340	3.05	cps
Molybdenum	96-1	18365	19270	19196	18943	2.65	cps
Molybdenum	97-1	10280	10771	10924	10658	3.16	cps
Molybdenum	98-1	26694	27085	27603	27127	1.68	cps
Neodymium	150-1	7	3	17	9	78.08	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1330	1310	1287	1309	1.66	cps
Phosphorus	31-2	660	623	583	622	6.16	cps
Potassium	39-2	243220	243755	240961	242645	0.61	cps
Rhodium	103-1	6955136	6961312	6887781	6934743	0.59	cps
Rhodium	103-2	4341879	4340247	4347826	4343317	0.09	cps
Scandium	45-1	4746528	4840225	4780988	4789247	0.99	cps
Scandium	45-2	410771	411528	415788	412696	0.66	cps
Selenium	82-1	899	760	878	846	8.89	cps
Selenium	77-2	67	60	47	58	17.62	cps
Selenium	78-2	317	270	297	294	7.95	cps
Silicon	28-1	718141	708425	714288	713618	0.69	cps
Silver	107-1	8599	8436	8352	8463	1.48	cps
Silver	109-1	7759	7842	7952	7851	1.24	cps
Sodium	23-2	330157	329476	328156	329263	0.31	cps
Strontium	86-1	2524	2460	2474	2486	1.34	cps
Strontium	88-1	19843	19767	19823	19811	0.20	cps
Sulfur	34-1	247788	247427	247489	247568	0.08	cps
Terbium	159-1	9811546	9741132	9765260	9772646	0.37	cps
Terbium	159-2	7066048	7144085	7111601	7107245	0.55	cps
Thallium	203-1	6118	6372	6332	6274	2.17	cps
Thallium	205-1	14868	14985	15229	15027	1.22	cps
Tin	118-1	28201	28555	28585	28447	0.75	cps
Titanium	47-1	4807	4864	5321	4998	5.63	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:55:48	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18663	19197	18429	18763	2.10	cps
Vanadium	51-2	13099	12832	12539	12823	2.19	cps
Yttrium	89-1	12345179	12534281	12447734	12442398	0.76	cps
Yttrium	89-2	3177602	3166794	3162327	3168908	0.25	cps
Zinc	66-2	3244	3304	2920	3156	6.53	cps
Zirconium	90-1	11905	12058	12375	12113	1.98	cps
Zirconium	91-1	2730	2760	2637	2709	2.37	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICB14	Instrumnet Name :	P7
Client Sample ID :	ICB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:59:06	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	200	173	201	14.09	cps
Antimony	121-1	173	237	243	218	17.74	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	27	10	13	17	52.93	cps
Barium	137-1	33	43	30	36	19.51	cps
Beryllium	9-1	187	193	133	171	19.22	cps
Bismuth	209-1	5720678	5556450	5517178	5598102	1.93	cps
Bismuth	209-2	4941997	4898666	4900248	4913637	0.50	cps
Bromine	81-1	7892	8566	8316	8258	4.12	cps
Bromine	81-2	77	80	90	82	8.44	cps
Cadmium	108-1	7	17	3	9	78.08	cps
Cadmium	106-1	4504	4227	4374	4368	3.17	cps
Cadmium	111-1	3175	2971	3083	3076	3.32	cps
Calcium	43-1	487	593	547	542	9.86	cps
Calcium	44-1	8329	8426	7999	8251	2.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1130	1217	1157	1168	3.80	cps
Cobalt	59-2	77	97	70	81	17.11	cps
Copper	63-2	2797	2804	2740	2780	1.25	cps
Dysprosium	156-1	17	13	17	16	12.40	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	90	93	103	96	7.26	cps
Erbium	164-2	53	30	63	49	34.99	cps
Gadolinium	160-1	40	43	43	42	4.55	cps
Gadolinium	160-2	350	407	423	393	9.77	cps
Holmium	165-1	9304174	9169455	9119358	9197662	1.04	cps
Holmium	165-2	7018024	7096735	7158195	7090985	0.99	cps
Indium	115-1	7515456	7380972	7169571	7355333	2.37	cps
Indium	115-2	2710997	2723766	2687396	2707386	0.68	cps
Iron	56-2	8006	7795	7485	7762	3.37	cps
Iron	57-2	820	833	913	856	5.90	cps
Iron	54-2	1367	1403	1320	1363	3.06	cps
Krypton	83-1	153	150	140	148	4.70	cps

LB Number : LB128626 Operator : Jaswal
 Lab Sample ID : ICB14 Instrumnet Name : P7
 Client Sample ID : ICB14 Dilution Factor : 1
 Date & Time Acquired : 2023-12-07 16:59:06 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	653	690	653	666	3.18	cps
Lead	207-1	547	653	563	588	9.76	cps
Lead	208-1	2810	2980	2683	2825	5.27	cps
Lithium	6-1	2169306	2155057	2111697	2145353	1.40	cps
Magnesium	24-2	400	363	360	374	5.93	cps
Manganese	55-2	147	120	147	138	11.18	cps
Molybdenum	94-1	207	227	337	257	27.27	cps
Molybdenum	95-1	233	207	210	217	6.71	cps
Molybdenum	96-1	223	307	270	267	15.66	cps
Molybdenum	97-1	103	140	157	133	20.46	cps
Molybdenum	98-1	340	323	310	324	4.63	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	70	90	117	92	25.39	cps
Phosphorus	31-2	310	243	287	280	12.08	cps
Potassium	39-2	58713	58907	58331	58650	0.50	cps
Rhodium	103-1	6977997	6721173	6653906	6784359	2.52	cps
Rhodium	103-2	4455026	4305525	4341563	4367371	1.79	cps
Scandium	45-1	4784884	4721583	4600194	4702220	2.00	cps
Scandium	45-2	415490	409388	412034	412304	0.74	cps
Selenium	82-1	279	265	262	269	3.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	153	103	117	124	20.81	cps
Silicon	28-1	677532	686577	680712	681607	0.67	cps
Silver	107-1	183	160	177	173	6.94	cps
Silver	109-1	140	130	143	138	5.04	cps
Sodium	23-2	35929	34846	35792	35522	1.66	cps
Strontium	86-1	260	300	253	271	9.31	cps
Strontium	88-1	217	277	243	246	12.24	cps
Sulfur	34-1	249586	251579	250971	250712	0.41	cps
Terbium	159-1	9774724	9451347	9424477	9550182	2.04	cps
Terbium	159-2	7184080	7098006	7144442	7142176	0.60	cps
Thallium	203-1	260	260	287	269	5.72	cps
Thallium	205-1	583	700	563	616	11.99	cps
Tin	118-1	930	973	1003	969	3.81	cps
Titanium	47-1	100	117	130	116	13.01	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICB14	Instrumnet Name :	P7
Client Sample ID :	ICB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 16:59:06	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	73	80	69	20.15	cps
Vanadium	51-2	20	13	7	13	49.99	cps
Yttrium	89-1	12646831	12184001	11979818	12270216	2.79	cps
Yttrium	89-2	3227177	3155399	3193871	3192149	1.13	cps
Zinc	66-2	413	397	377	396	4.64	cps
Zirconium	90-1	530	530	533	531	0.36	cps
Zirconium	91-1	90	87	87	88	2.19	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSA14	Instrumnet Name :	P7
Client Sample ID :	ICSA14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:02:23	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18914612	18837752	18769893	18840752	0.38	cps
Antimony	121-1	7946	7776	7692	7804	1.66	cps
Arsenic	75-2	80	93	150	108	34.49	cps
Barium	135-1	2474	2294	2600	2456	6.28	cps
Barium	137-1	4241	4524	4491	4419	3.51	cps
Beryllium	9-1	617	643	597	619	3.78	cps
Bismuth	209-1	5393971	5266477	5428269	5362905	1.59	cps
Bismuth	209-2	4657393	4573125	4607361	4612626	0.92	cps
Bromine	81-1	8909	9346	9230	9162	2.47	cps
Bromine	81-2	330	327	353	337	4.32	cps
Cadmium	108-1	1463	1323	1177	1321	10.85	cps
Cadmium	106-1	4114	3961	3794	3956	4.05	cps
Cadmium	111-1	3616	3439	3372	3476	3.62	cps
Calcium	43-1	2119837	2088837	2081110	2096595	0.98	cps
Calcium	44-1	33225679	32983050	33128910	33112546	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62690	61595	61645	61977	1.00	cps
Cobalt	59-2	5708	5855	6041	5868	2.85	cps
Copper	63-2	29295	29536	29583	29471	0.52	cps
Dysprosium	156-1	43	53	40	46	15.23	cps
Dysprosium	156-2	23	40	23	29	33.32	cps
Erbium	164-1	87	103	93	94	8.88	cps
Erbium	164-2	73	83	93	83	12.00	cps
Gadolinium	160-1	70	63	77	70	9.53	cps
Gadolinium	160-2	373	473	363	403	15.08	cps
Holmium	165-1	9317956	9378386	9357931	9351424	0.33	cps
Holmium	165-2	7018063	7054282	7088958	7053767	0.50	cps
Indium	115-1	6894118	6898832	6842969	6878640	0.45	cps
Indium	115-2	2490888	2513671	2451326	2485295	1.27	cps
Iron	56-2	257266816	258422116	258546449	258078461	0.27	cps
Iron	57-2	6483399	6479796	6488046	6483747	0.06	cps
Iron	54-2	14361634	14427081	14246229	14344981	0.64	cps
Krypton	83-1	140	133	113	129	10.77	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSA14	Instrumnet Name :	P7
Client Sample ID :	ICSA14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:02:23	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26536	26623	25808	26322	1.70	cps
Lead	207-1	21233	20425	20743	20800	1.96	cps
Lead	208-1	99708	97752	97877	98446	1.11	cps
Lithium	6-1	2039431	2030035	2069163	2046210	1.00	cps
Magnesium	24-2	33723175	34090939	34100579	33971564	0.63	cps
Manganese	55-2	18008	18164	18665	18279	1.88	cps
Molybdenum	94-1	3838540	3932158	3884818	3885172	1.20	cps
Molybdenum	95-1	6780133	6799244	6742944	6774107	0.42	cps
Molybdenum	96-1	7232768	7287798	7233687	7251418	0.43	cps
Molybdenum	97-1	4211040	4239105	4237135	4229093	0.37	cps
Molybdenum	98-1	10911436	11036598	10784878	10910971	1.15	cps
Neodymium	150-1	33	57	37	42	29.89	cps
Neodymium	150-2	7	23	23	18	54.11	cps
Nickel	60-2	6448	6581	6438	6489	1.23	cps
Phosphorus	31-2	1021166	1015882	1015406	1017485	0.31	cps
Potassium	39-2	35285033	35138050	35170440	35197841	0.22	cps
Rhodium	103-1	6128486	6125398	6101590	6118491	0.24	cps
Rhodium	103-2	3812932	3881217	3822090	3838747	0.97	cps
Scandium	45-1	4423519	4365543	4426084	4405049	0.78	cps
Scandium	45-2	387194	386097	388609	387300	0.33	cps
Selenium	82-1	297	314	336	316	6.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	157	100	108	42.22	cps
Silicon	28-1	742730	737264	740239	740077	0.37	cps
Silver	107-1	580	523	533	546	5.54	cps
Silver	109-1	563	450	490	501	11.47	cps
Sodium	23-2	58277559	57770004	58459672	58169079	0.61	cps
Strontium	86-1	77553	78273	78628	78151	0.70	cps
Strontium	88-1	677102	686100	679834	681012	0.68	cps
Sulfur	34-1	3637934	3585943	3541970	3588615	1.34	cps
Terbium	159-1	9616903	9482704	9597525	9565711	0.76	cps
Terbium	159-2	7030127	7115356	7072000	7072495	0.60	cps
Thallium	203-1	1097	1233	1460	1263	14.53	cps
Thallium	205-1	2524	3124	3581	3076	17.23	cps
Tin	118-1	1883	1663	1500	1682	11.44	cps
Titanium	47-1	1980658	1971024	1971066	1974249	0.28	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSA14	Instrumnet Name :	P7
Client Sample ID :	ICSA14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:02:23	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	423	393	423	413	4.19	cps
Vanadium	51-2	560	640	553	584	8.25	cps
Yttrium	89-1	11710460	11580745	11662418	11651208	0.56	cps
Yttrium	89-2	2941924	3011566	2972816	2975436	1.17	cps
Zinc	66-2	6448	6028	6191	6222	3.40	cps
Zirconium	90-1	683	777	670	710	8.19	cps
Zirconium	91-1	173	120	177	157	20.30	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSAB14	Instrumnet Name :	P7
Client Sample ID :	ICSAB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:05:26	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19057615	19049743	18933500	19013619	0.37	cps
Antimony	121-1	142868	144659	146379	144635	1.21	cps
Arsenic	75-2	7042	7349	6992	7127	2.71	cps
Barium	135-1	38308	38024	38642	38325	0.81	cps
Barium	137-1	66729	66826	67620	67058	0.73	cps
Beryllium	9-1	34943	35053	35701	35232	1.16	cps
Bismuth	209-1	5481090	5493473	5474201	5482921	0.18	cps
Bismuth	209-2	4693189	4661888	4651420	4668832	0.47	cps
Bromine	81-1	8146	8916	8863	8642	4.98	cps
Bromine	81-2	180	197	177	184	5.81	cps
Cadmium	108-1	4147	4021	4047	4072	1.64	cps
Cadmium	106-1	8493	8726	8289	8503	2.57	cps
Cadmium	111-1	39638	40254	39890	39927	0.78	cps
Calcium	43-1	2113327	2103290	2115609	2110742	0.31	cps
Calcium	44-1	33193571	33476810	33422165	33364182	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123742	124781	123524	124016	0.54	cps
Cobalt	59-2	97225	97189	97263	97226	0.04	cps
Copper	63-2	93221	93932	93593	93582	0.38	cps
Dysprosium	156-1	23	43	30	32	31.61	cps
Dysprosium	156-2	33	23	27	28	18.33	cps
Erbium	164-1	127	133	133	131	2.94	cps
Erbium	164-2	73	67	63	68	7.51	cps
Gadolinium	160-1	53	60	53	56	6.93	cps
Gadolinium	160-2	350	407	370	376	7.65	cps
Holmium	165-1	9408334	9471547	9483595	9454492	0.43	cps
Holmium	165-2	7029024	6992995	7160063	7060694	1.25	cps
Indium	115-1	6949479	7047389	6907402	6968090	1.03	cps
Indium	115-2	2471656	2464614	2483369	2473213	0.38	cps
Iron	56-2	261375643	263163616	262702736	262413998	0.35	cps
Iron	57-2	6507351	6516030	6502643	6508675	0.10	cps
Iron	54-2	14504257	14669713	14533024	14568998	0.61	cps
Krypton	83-1	180	150	140	157	13.29	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSAB14	Instrumnet Name :	P7
Client Sample ID :	ICSAB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:05:26	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	160516	160459	160850	160608	0.13	cps
Lead	207-1	137508	137252	137608	137456	0.13	cps
Lead	208-1	626308	627655	630249	628071	0.32	cps
Lithium	6-1	2002029	2025107	1997282	2008139	0.74	cps
Magnesium	24-2	34366708	34508341	34310883	34395311	0.30	cps
Manganese	55-2	63466	63453	63577	63499	0.11	cps
Molybdenum	94-1	4203120	4264890	4178977	4215662	1.05	cps
Molybdenum	95-1	7089855	7123996	7023639	7079163	0.72	cps
Molybdenum	96-1	7486071	7538032	7672265	7565456	1.27	cps
Molybdenum	97-1	4389947	4422624	4464802	4425791	0.85	cps
Molybdenum	98-1	11299772	11471951	11228711	11333478	1.10	cps
Neodymium	150-1	53	20	30	34	49.66	cps
Neodymium	150-2	33	20	23	26	27.15	cps
Nickel	60-2	29543	30314	29923	29927	1.29	cps
Phosphorus	31-2	1023264	1014270	1017977	1018503	0.44	cps
Potassium	39-2	35593171	35422973	35685297	35567147	0.37	cps
Rhodium	103-1	6189981	6134784	6279847	6201537	1.18	cps
Rhodium	103-2	3862268	3907903	3880813	3883662	0.59	cps
Scandium	45-1	4448590	4408033	4394916	4417180	0.63	cps
Scandium	45-2	387059	387162	388603	387608	0.22	cps
Selenium	82-1	2540	2503	2607	2550	2.06	cps
Selenium	77-2	227	250	240	239	4.90	cps
Selenium	78-2	867	843	753	821	7.29	cps
Silicon	28-1	947420	940895	958647	948987	0.95	cps
Silver	107-1	164506	166371	169152	166676	1.40	cps
Silver	109-1	157064	158883	159816	158588	0.88	cps
Sodium	23-2	58897217	59225469	58821429	58981372	0.36	cps
Strontium	86-1	180522	184397	182007	182308	1.07	cps
Strontium	88-1	1596628	1615208	1598396	1603411	0.64	cps
Sulfur	34-1	3560142	3622757	3629298	3604066	1.06	cps
Terbium	159-1	9758256	9686641	9720590	9721829	0.37	cps
Terbium	159-2	6967562	7126153	6993907	7029207	1.21	cps
Thallium	203-1	157002	158271	157909	157728	0.41	cps
Thallium	205-1	369742	375491	374906	373380	0.85	cps
Tin	118-1	251278	255073	257631	254660	1.26	cps
Titanium	47-1	1999261	1992488	2003058	1998269	0.27	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	ICSAB14	Instrumnet Name :	P7
Client Sample ID :	ICSAB14	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:05:26	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	949206	951134	965528	955289	0.93	cps
Vanadium	51-2	53126	52511	52962	52867	0.60	cps
Yttrium	89-1	11884044	11882527	11814841	11860471	0.33	cps
Yttrium	89-2	3021902	2977870	2974251	2991341	0.89	cps
Zinc	66-2	17687	17580	17764	17677	0.52	cps
Zirconium	90-1	538768	544746	545364	542959	0.67	cps
Zirconium	91-1	121353	124079	121071	122167	1.36	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:08:27	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9589578	9549704	9687150	9608811	0.74	cps
Antimony	121-1	3256511	3295457	3287059	3279675	0.62	cps
Arsenic	75-2	178618	178273	179443	178778	0.34	cps
Barium	135-1	4408568	4467104	4518307	4464660	1.23	cps
Barium	137-1	7706588	7757791	7798326	7754235	0.59	cps
Beryllium	9-1	808993	830283	828420	822565	1.43	cps
Bismuth	209-1	5282169	5256736	5316134	5285013	0.56	cps
Bismuth	209-2	4392081	4421717	4461947	4425249	0.79	cps
Bromine	81-1	8689	9270	9667	9209	5.34	cps
Bromine	81-2	197	207	250	218	13.02	cps
Cadmium	108-1	66655	66930	67074	66886	0.32	cps
Cadmium	106-1	97350	98280	98162	97930	0.52	cps
Cadmium	111-1	895882	899124	901192	898733	0.30	cps
Calcium	43-1	5279912	5297838	5351370	5309707	0.70	cps
Calcium	44-1	83291345	83525945	84914435	83910575	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1480913	1490918	1479313	1483715	0.42	cps
Cobalt	59-2	2314240	2318683	2336505	2323143	0.51	cps
Copper	63-2	14985720	15214933	15099691	15100114	0.76	cps
Dysprosium	156-1	797	827	847	823	3.06	cps
Dysprosium	156-2	857	830	773	820	5.19	cps
Erbium	164-1	230	267	193	230	15.94	cps
Erbium	164-2	203	140	163	169	18.97	cps
Gadolinium	160-1	883	953	910	916	3.86	cps
Gadolinium	160-2	1063	1007	1057	1042	2.97	cps
Holmium	165-1	9220258	9109293	9188042	9172531	0.62	cps
Holmium	165-2	6949359	6796017	6962970	6902782	1.34	cps
Indium	115-1	6643392	6655805	6666924	6655374	0.18	cps
Indium	115-2	2428700	2363013	2460273	2417328	2.05	cps
Iron	56-2	327113188	323692015	326972208	325925804	0.59	cps
Iron	57-2	8063921	8100247	8161828	8108665	0.61	cps
Iron	54-2	17931152	18125620	18085959	18047577	0.57	cps
Krypton	83-1	167	130	127	141	15.73	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:08:27	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13717326	14000079	13642815	13786740	1.37	cps
Lead	207-1	12218080	12440868	12261084	12306677	0.96	cps
Lead	208-1	55004747	55922428	55437936	55455037	0.83	cps
Lithium	6-1	1946016	1964765	1952134	1954305	0.49	cps
Magnesium	24-2	90187339	90816689	92230179	91078069	1.15	cps
Manganese	55-2	10811041	10879015	10947579	10879212	0.63	cps
Molybdenum	94-1	12463749	12664453	12836573	12654925	1.47	cps
Molybdenum	95-1	17895339	18071647	18341983	18102990	1.24	cps
Molybdenum	96-1	19681385	19823972	20064556	19856638	0.98	cps
Molybdenum	97-1	11112549	11285137	11542182	11313289	1.91	cps
Molybdenum	98-1	28826042	29415676	29378781	29206833	1.13	cps
Neodymium	150-1	407	443	510	453	11.56	cps
Neodymium	150-2	167	200	193	187	9.45	cps
Nickel	60-2	581396	582847	583552	582598	0.19	cps
Phosphorus	31-2	101621	99417	102923	101320	1.75	cps
Potassium	39-2	44513751	44769156	44697934	44660280	0.30	cps
Rhodium	103-1	5950176	5882119	5816588	5882961	1.14	cps
Rhodium	103-2	3744313	3699732	3737295	3727114	0.64	cps
Scandium	45-1	4322296	4356392	4424878	4367855	1.20	cps
Scandium	45-2	383257	382164	381052	382158	0.29	cps
Selenium	82-1	57085	57044	57970	57366	0.91	cps
Selenium	77-2	5551	5468	5621	5547	1.38	cps
Selenium	78-2	18388	18402	18722	18504	1.02	cps
Silicon	28-1	30925653	31357888	31629091	31304211	1.13	cps
Silver	107-1	4256378	4296360	4404312	4319016	1.77	cps
Silver	109-1	4070220	4081733	4152641	4101531	1.09	cps
Sodium	23-2	143304545	144084735	144272388	143887222	0.36	cps
Strontium	86-1	28760555	29459346	29259373	29159758	1.23	cps
Strontium	88-1	253443996	256371496	255085970	254967154	0.58	cps
Sulfur	34-1	523697	525134	530397	526409	0.67	cps
Terbium	159-1	9391110	9488074	9450539	9443241	0.52	cps
Terbium	159-2	6813685	6886352	6869284	6856440	0.55	cps
Thallium	203-1	3452474	3396544	3393878	3414299	0.97	cps
Thallium	205-1	8174860	8086807	8030061	8097242	0.90	cps
Tin	118-1	2836600	2909804	2904125	2883510	1.41	cps
Titanium	47-1	4650448	4755121	4698095	4701221	1.11	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:08:27	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11751504	11693445	11823336	11756095	0.55	cps
Vanadium	51-2	1316254	1316186	1312939	1315126	0.14	cps
Yttrium	89-1	11593851	11498110	11711356	11601106	0.92	cps
Yttrium	89-2	3010099	2918058	2921465	2949874	1.77	cps
Zinc	66-2	2515655	2533272	2526992	2525306	0.35	cps
Zirconium	90-1	6234696	6243953	6233571	6237407	0.09	cps
Zirconium	91-1	1372977	1383335	1389381	1381898	0.60	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:14:50	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	497	463	490	483	3.65	cps
Antimony	121-1	767	903	1067	912	16.47	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	37	33	67	46	40.30	cps
Barium	137-1	80	63	80	74	12.93	cps
Beryllium	9-1	187	147	157	163	12.74	cps
Bismuth	209-1	5884447	5911544	6026697	5940896	1.27	cps
Bismuth	209-2	5122416	5065953	5103539	5097303	0.56	cps
Bromine	81-1	7909	8026	8112	8016	1.27	cps
Bromine	81-2	40	87	87	71	37.89	cps
Cadmium	108-1	10	7	13	10	33.30	cps
Cadmium	106-1	3894	3957	3901	3917	0.89	cps
Cadmium	111-1	2732	2782	2741	2752	0.97	cps
Calcium	43-1	547	477	483	502	7.69	cps
Calcium	44-1	7925	7852	8066	7948	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1293	1137	1087	1172	9.20	cps
Cobalt	59-2	100	60	93	84	25.38	cps
Copper	63-2	3824	4031	3690	3848	4.45	cps
Dysprosium	156-1	10	10	13	11	17.30	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	80	87	93	87	7.69	cps
Erbium	164-2	50	50	70	57	20.38	cps
Gadolinium	160-1	40	37	43	40	8.32	cps
Gadolinium	160-2	330	360	427	372	13.29	cps
Holmium	165-1	9590805	9596047	9612880	9599911	0.12	cps
Holmium	165-2	7325472	7155011	7311995	7264159	1.30	cps
Indium	115-1	7534718	7487450	7520306	7514158	0.32	cps
Indium	115-2	2708061	2673714	2708191	2696655	0.74	cps
Iron	56-2	11071	11084	11458	11204	1.96	cps
Iron	57-2	893	823	870	862	4.13	cps
Iron	54-2	1420	1340	1427	1396	3.46	cps
Krypton	83-1	160	183	137	160	14.58	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:14:50	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1000	1057	953	1003	5.16	cps
Lead	207-1	953	847	867	889	6.38	cps
Lead	208-1	4200	4207	4080	4163	1.71	cps
Lithium	6-1	2066977	2084216	2081323	2077505	0.44	cps
Magnesium	24-2	1030	1143	1177	1117	6.89	cps
Manganese	55-2	270	207	233	237	13.44	cps
Molybdenum	94-1	470	510	570	517	9.74	cps
Molybdenum	95-1	463	333	380	392	16.79	cps
Molybdenum	96-1	487	420	407	438	9.79	cps
Molybdenum	97-1	257	243	207	236	10.99	cps
Molybdenum	98-1	733	573	617	641	12.91	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	97	103	120	107	11.27	cps
Phosphorus	31-2	337	297	350	328	8.47	cps
Potassium	39-2	60831	61115	61172	61039	0.30	cps
Rhodium	103-1	6803302	6950136	6970506	6907981	1.32	cps
Rhodium	103-2	4360406	4369863	4387548	4372606	0.32	cps
Scandium	45-1	4582340	4682091	4684992	4649808	1.26	cps
Scandium	45-2	413178	406495	410634	410103	0.82	cps
Selenium	82-1	275	251	332	286	14.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	113	107	97	106	7.95	cps
Silicon	28-1	635954	652899	644535	644463	1.31	cps
Silver	107-1	210	233	193	212	9.47	cps
Silver	109-1	200	173	193	189	7.35	cps
Sodium	23-2	48827	49967	48382	49059	1.67	cps
Strontium	86-1	460	340	467	422	16.88	cps
Strontium	88-1	1597	1450	1700	1582	7.94	cps
Sulfur	34-1	207681	206397	210279	208119	0.95	cps
Terbium	159-1	9962907	9987261	9924245	9958138	0.32	cps
Terbium	159-2	7280631	7272163	7253705	7268833	0.19	cps
Thallium	203-1	550	583	527	553	5.15	cps
Thallium	205-1	1273	1320	1277	1290	2.02	cps
Tin	118-1	907	1147	987	1013	12.06	cps
Titanium	47-1	187	220	177	194	11.67	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:14:50	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87	93	70	83	14.42	cps
Vanadium	51-2	33	20	17	23	37.78	cps
Yttrium	89-1	12436942	12357421	12507041	12433801	0.60	cps
Yttrium	89-2	3160322	3150068	3161056	3157148	0.19	cps
Zinc	66-2	337	393	370	367	7.77	cps
Zirconium	90-1	743	840	957	847	12.62	cps
Zirconium	91-1	130	160	140	143	10.66	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:20:39	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4194	4124	4177	4165	0.88	cps
Antimony	121-1	12926	13573	13370	13290	2.49	cps
Arsenic	75-2	377	393	350	373	5.85	cps
Barium	135-1	16847	17307	17040	17065	1.36	cps
Barium	137-1	29948	29698	30219	29955	0.87	cps
Beryllium	9-1	1763	1813	1977	1851	6.03	cps
Bismuth	209-1	5725818	5933792	5757786	5805799	1.93	cps
Bismuth	209-2	4973589	4945597	5049990	4989726	1.08	cps
Bromine	81-1	8883	8676	8759	8773	1.19	cps
Bromine	81-2	113	103	100	106	6.57	cps
Cadmium	108-1	147	137	130	138	6.09	cps
Cadmium	106-1	4191	4161	4344	4232	2.32	cps
Cadmium	111-1	4668	4720	4647	4678	0.81	cps
Calcium	43-1	11615	11695	11908	11739	1.29	cps
Calcium	44-1	186150	187804	189805	187920	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7495	7579	7755	7610	1.75	cps
Cobalt	59-2	4898	4984	4978	4953	0.97	cps
Copper	63-2	10194	10073	10094	10120	0.64	cps
Dysprosium	156-1	10	7	7	8	24.71	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	73	83	90	82	10.20	cps
Erbium	164-2	43	33	50	42	19.87	cps
Gadolinium	160-1	40	43	50	44	11.46	cps
Gadolinium	160-2	357	323	370	350	6.87	cps
Holmium	165-1	9377280	9701732	9473034	9517349	1.75	cps
Holmium	165-2	7254119	7231568	7200343	7228677	0.37	cps
Indium	115-1	7351968	7690310	7418228	7486836	2.39	cps
Indium	115-2	2677321	2689692	2731927	2699647	1.06	cps
Iron	56-2	151743	151278	151740	151587	0.18	cps
Iron	57-2	4551	4421	4457	4476	1.50	cps
Iron	54-2	9580	9450	9656	9562	1.09	cps
Krypton	83-1	147	173	133	151	13.48	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:20:39	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5635	5721	6131	5829	4.55	cps
Lead	207-1	5134	5111	5124	5123	0.23	cps
Lead	208-1	23358	23518	23715	23530	0.76	cps
Lithium	6-1	2049160	2123279	2053735	2075391	2.00	cps
Magnesium	24-2	191655	191559	191864	191693	0.08	cps
Manganese	55-2	2470	2427	2460	2452	0.93	cps
Molybdenum	94-1	14317	14404	14738	14486	1.53	cps
Molybdenum	95-1	17664	17971	17527	17721	1.28	cps
Molybdenum	96-1	19977	19033	19226	19412	2.57	cps
Molybdenum	97-1	10721	10981	11021	10907	1.49	cps
Molybdenum	98-1	27773	28778	28575	28375	1.87	cps
Neodymium	150-1	10	20	10	13	43.30	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	1333	1337	1333	1335	0.14	cps
Phosphorus	31-2	473	590	600	554	12.70	cps
Potassium	39-2	250567	249025	249038	249543	0.36	cps
Rhodium	103-1	6901606	6997630	6924608	6941281	0.72	cps
Rhodium	103-2	4408216	4410673	4445113	4421334	0.47	cps
Scandium	45-1	4669367	4873354	4708045	4750255	2.28	cps
Scandium	45-2	414627	411225	415645	413832	0.56	cps
Selenium	82-1	847	893	861	867	2.74	cps
Selenium	77-2	57	60	57	58	3.33	cps
Selenium	78-2	353	307	323	328	7.22	cps
Silicon	28-1	707930	713642	706230	709267	0.55	cps
Silver	107-1	8633	8996	8786	8805	2.07	cps
Silver	109-1	7952	8086	8423	8153	2.97	cps
Sodium	23-2	346106	343526	341810	343814	0.63	cps
Strontium	86-1	2547	2694	2647	2629	2.85	cps
Strontium	88-1	20197	20621	20368	20395	1.05	cps
Sulfur	34-1	230722	233206	232515	232147	0.55	cps
Terbium	159-1	9725453	10061261	9700104	9828939	2.05	cps
Terbium	159-2	7254926	7164327	7202951	7207401	0.63	cps
Thallium	203-1	6732	6652	6929	6771	2.10	cps
Thallium	205-1	15809	15629	15929	15789	0.96	cps
Tin	118-1	30011	29697	29634	29781	0.68	cps
Titanium	47-1	4971	5101	5034	5035	1.29	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:20:39	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19648	19948	20035	19877	1.02	cps
Vanadium	51-2	13243	13429	13116	13263	1.19	cps
Yttrium	89-1	12372941	12776334	12248067	12465781	2.21	cps
Yttrium	89-2	3190627	3199414	3225302	3205114	0.56	cps
Zinc	66-2	2887	3117	3060	3021	3.97	cps
Zirconium	90-1	12222	12636	12626	12494	1.89	cps
Zirconium	91-1	2717	2820	2850	2796	2.50	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BL	Instrumnet Name :	P7
Client Sample ID :	PB157537BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:24:50	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	177	223	208	12.97	cps
Antimony	121-1	127	207	220	184	27.37	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	33	27	27	29	13.31	cps
Barium	137-1	37	37	17	30	38.49	cps
Beryllium	9-1	100	153	123	126	21.30	cps
Bismuth	209-1	5913272	5861554	5845321	5873382	0.60	cps
Bismuth	209-2	4931861	4978647	5010322	4973610	0.79	cps
Bromine	81-1	8766	8666	8776	8736	0.70	cps
Bromine	81-2	100	120	130	117	13.09	cps
Cadmium	108-1	10	10	7	9	21.63	cps
Cadmium	106-1	4161	4537	4161	4286	5.08	cps
Cadmium	111-1	2912	3169	2928	3003	4.80	cps
Calcium	43-1	463	433	540	479	11.49	cps
Calcium	44-1	7915	7932	8049	7966	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1347	1293	1260	1300	3.36	cps
Cobalt	59-2	63	83	80	76	14.18	cps
Copper	63-2	3467	3514	3257	3413	4.01	cps
Dysprosium	156-1	7	10	7	8	24.71	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	77	110	60	82	30.96	cps
Erbium	164-2	23	23	43	30	38.49	cps
Gadolinium	160-1	33	37	47	39	17.85	cps
Gadolinium	160-2	430	390	367	396	8.10	cps
Holmium	165-1	9647460	9715496	9581807	9648254	0.69	cps
Holmium	165-2	7253300	7306162	7185054	7248172	0.84	cps
Indium	115-1	7555799	7698450	7668337	7640862	0.98	cps
Indium	115-2	2727048	2759186	2727213	2737816	0.68	cps
Iron	56-2	7932	7779	7852	7854	0.98	cps
Iron	57-2	827	800	870	832	4.24	cps
Iron	54-2	1460	1377	1247	1361	7.90	cps
Krypton	83-1	150	203	170	174	15.45	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BL	Instrumnet Name :	P7
Client Sample ID :	PB157537BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:24:50	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	680	623	740	681	8.57	cps
Lead	207-1	563	643	647	618	7.64	cps
Lead	208-1	3010	2987	2967	2988	0.73	cps
Lithium	6-1	2125818	2086776	2087526	2100040	1.06	cps
Magnesium	24-2	530	537	570	546	3.93	cps
Manganese	55-2	157	117	163	146	17.34	cps
Molybdenum	94-1	250	277	247	258	6.38	cps
Molybdenum	95-1	133	77	110	107	26.70	cps
Molybdenum	96-1	163	190	147	167	13.11	cps
Molybdenum	97-1	63	57	63	61	6.29	cps
Molybdenum	98-1	163	197	187	182	9.39	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	107	77	93	92	16.30	cps
Phosphorus	31-2	297	307	337	313	6.64	cps
Potassium	39-2	60637	59757	60068	60154	0.74	cps
Rhodium	103-1	7056897	6988173	7163448	7069506	1.25	cps
Rhodium	103-2	4468536	4468904	4382039	4439827	1.13	cps
Scandium	45-1	4793138	4862283	4816416	4823946	0.73	cps
Scandium	45-2	417671	417524	422172	419122	0.63	cps
Selenium	82-1	292	253	284	277	7.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	123	150	187	153	20.74	cps
Silicon	28-1	696653	704715	711986	704452	1.09	cps
Silver	107-1	167	173	133	158	13.58	cps
Silver	109-1	153	127	113	131	15.54	cps
Sodium	23-2	37536	37452	36804	37264	1.07	cps
Strontium	86-1	310	273	297	293	6.33	cps
Strontium	88-1	353	277	437	356	22.51	cps
Sulfur	34-1	242846	242745	243580	243057	0.19	cps
Terbium	159-1	9799942	10072997	10006733	9959890	1.43	cps
Terbium	159-2	7246401	7273571	7189413	7236462	0.59	cps
Thallium	203-1	373	370	303	349	11.32	cps
Thallium	205-1	800	817	887	834	5.51	cps
Tin	118-1	1033	1127	1110	1090	4.57	cps
Titanium	47-1	120	113	130	121	6.93	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BL	Instrumnet Name :	P7
Client Sample ID :	PB157537BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:24:50	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	20	37	27	33.08	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	12677006	12817480	12635550	12710012	0.75	cps
Yttrium	89-2	3232279	3227291	3272382	3243984	0.76	cps
Zinc	66-2	380	420	373	391	6.45	cps
Zirconium	90-1	560	613	633	602	6.29	cps
Zirconium	91-1	117	120	83	107	19.01	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BS	Instrumnet Name :	P7
Client Sample ID :	PB157537BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:28:05	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2024942	2013735	2037552	2025410	0.59	cps
Antimony	121-1	3509877	3564980	3515178	3530012	0.86	cps
Arsenic	75-2	176596	176634	176741	176657	0.04	cps
Barium	135-1	4803268	4792140	4800394	4798601	0.12	cps
Barium	137-1	8267684	8136296	8183537	8195839	0.81	cps
Beryllium	9-1	875611	870767	875149	873842	0.31	cps
Bismuth	209-1	5724070	5667774	5732790	5708211	0.62	cps
Bismuth	209-2	4722597	4694771	4568067	4661812	1.77	cps
Bromine	81-1	8576	8019	8236	8277	3.39	cps
Bromine	81-2	157	107	113	126	21.62	cps
Cadmium	108-1	71354	70356	70383	70698	0.80	cps
Cadmium	106-1	104529	102371	102555	103152	1.16	cps
Cadmium	111-1	953350	939779	944972	946034	0.72	cps
Calcium	43-1	1301862	1279850	1281352	1287688	0.96	cps
Calcium	44-1	19068824	19023343	18864854	18985674	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1522761	1544164	1540500	1535808	0.75	cps
Cobalt	59-2	2306967	2397162	2326171	2343433	2.03	cps
Copper	63-2	16347911	16161422	16389224	16299519	0.74	cps
Dysprosium	156-1	290	270	267	276	4.58	cps
Dysprosium	156-2	387	367	413	389	6.02	cps
Erbium	164-1	193	183	180	186	3.74	cps
Erbium	164-2	110	127	120	119	7.06	cps
Gadolinium	160-1	227	300	287	271	14.41	cps
Gadolinium	160-2	540	550	483	524	6.86	cps
Holmium	165-1	9433669	9591510	9541337	9522172	0.85	cps
Holmium	165-2	7125368	6956260	6905419	6995683	1.65	cps
Indium	115-1	7233569	7086221	7105876	7141889	1.12	cps
Indium	115-2	2465039	2385429	2465444	2438637	1.89	cps
Iron	56-2	68353437	67693587	68056904	68034643	0.49	cps
Iron	57-2	1734729	1733259	1715124	1727704	0.63	cps
Iron	54-2	3909391	3843473	3841085	3864650	1.00	cps
Krypton	83-1	210	147	143	167	22.54	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BS	Instrumnet Name :	P7
Client Sample ID :	PB157537BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:28:05	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14853165	14803428	14866409	14841000	0.22	cps
Lead	207-1	13078000	13090887	13095231	13088040	0.07	cps
Lead	208-1	58771120	59091369	58860105	58907531	0.28	cps
Lithium	6-1	2050135	2037256	2030549	2039313	0.49	cps
Magnesium	24-2	18702999	18821664	19132493	18885719	1.17	cps
Manganese	55-2	11427613	11361047	11320884	11369848	0.47	cps
Molybdenum	94-1	13490594	13147480	13203422	13280499	1.39	cps
Molybdenum	95-1	19437507	19027642	18922992	19129380	1.42	cps
Molybdenum	96-1	21120569	20918866	20690100	20909845	1.03	cps
Molybdenum	97-1	12008710	11971946	11781863	11920840	1.02	cps
Molybdenum	98-1	30698760	30531281	30304836	30511626	0.65	cps
Neodymium	150-1	387	307	427	373	16.37	cps
Neodymium	150-2	100	110	87	99	11.84	cps
Nickel	60-2	583805	594120	596581	591502	1.15	cps
Phosphorus	31-2	106863	107662	105369	106631	1.09	cps
Potassium	39-2	9307058	9470993	9498203	9425418	1.10	cps
Rhodium	103-1	6459051	6451595	6457718	6456121	0.06	cps
Rhodium	103-2	3930852	3945502	3952169	3942841	0.28	cps
Scandium	45-1	4619883	4508892	4558348	4562374	1.22	cps
Scandium	45-2	386704	384579	381732	384338	0.65	cps
Selenium	82-1	60023	59552	59573	59716	0.45	cps
Selenium	77-2	5554	5621	5564	5580	0.64	cps
Selenium	78-2	18615	18629	19530	18924	2.77	cps
Silicon	28-1	33580523	32712996	32246950	32846823	2.06	cps
Silver	107-1	4609069	4576751	4525069	4570297	0.93	cps
Silver	109-1	4354535	4323766	4270506	4316269	0.98	cps
Sodium	23-2	30268188	30507624	30605830	30460547	0.57	cps
Strontium	86-1	30940782	30918204	30506630	30788539	0.79	cps
Strontium	88-1	270798463	264765196	264401089	266654916	1.35	cps
Sulfur	34-1	589154	564904	555189	569749	3.07	cps
Terbium	159-1	9896418	9945689	9875425	9905844	0.36	cps
Terbium	159-2	7072563	6907814	6849812	6943396	1.66	cps
Thallium	203-1	3693875	3682214	3705016	3693702	0.31	cps
Thallium	205-1	8728952	8654918	8663363	8682411	0.47	cps
Tin	118-1	3042408	3030229	3031543	3034727	0.22	cps
Titanium	47-1	4984826	4909694	4911125	4935215	0.87	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537BS	Instrumnet Name :	P7
Client Sample ID :	PB157537BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:28:05	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11977077	12034827	11742951	11918285	1.30	cps
Vanadium	51-2	1316264	1341707	1366281	1341417	1.86	cps
Yttrium	89-1	12297414	12116494	12145397	12186435	0.80	cps
Yttrium	89-2	2966019	2989966	2974773	2976919	0.41	cps
Zinc	66-2	2681553	2713965	2683256	2692925	0.68	cps
Zirconium	90-1	6485548	6435182	6377391	6432707	0.84	cps
Zirconium	91-1	1454587	1454082	1428735	1445801	1.02	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-02DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:36:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	723	653	698	5.54	cps
Antimony	121-1	840	887	1093	940	14.34	cps
Arsenic	75-2	40	33	33	36	10.83	cps
Barium	135-1	37366	36543	38091	37333	2.07	cps
Barium	137-1	64251	65265	65476	64998	1.01	cps
Beryllium	9-1	253	170	203	209	20.08	cps
Bismuth	209-1	5506980	5731313	5894312	5710868	3.41	cps
Bismuth	209-2	5012570	5057316	5039896	5036594	0.45	cps
Bromine	81-1	8149	8136	8342	8209	1.41	cps
Bromine	81-2	103	90	80	91	12.85	cps
Cadmium	108-1	37	33	43	38	13.48	cps
Cadmium	106-1	3821	4001	4021	3947	2.79	cps
Cadmium	111-1	2872	3034	3131	3012	4.34	cps
Calcium	43-1	3670002	3656683	3716199	3680961	0.85	cps
Calcium	44-1	58825947	58204079	58476617	58502215	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1463	1400	1340	1401	4.40	cps
Cobalt	59-2	50916	49886	50200	50334	1.05	cps
Copper	63-2	4727	4774	4424	4642	4.10	cps
Dysprosium	156-1	677	630	600	636	6.08	cps
Dysprosium	156-2	490	497	653	547	16.91	cps
Erbium	164-1	920	1013	1033	989	6.12	cps
Erbium	164-2	650	663	733	682	6.56	cps
Gadolinium	160-1	720	663	693	692	4.10	cps
Gadolinium	160-2	977	810	843	877	10.06	cps
Holmium	165-1	9402196	9650777	9932910	9661961	2.75	cps
Holmium	165-2	7333250	7461716	7380431	7391799	0.88	cps
Indium	115-1	7147323	7418577	7580441	7382114	2.96	cps
Indium	115-2	2681674	2663068	2658398	2667713	0.46	cps
Iron	56-2	2528807	2484982	2504794	2506194	0.88	cps
Iron	57-2	131886	131048	133534	132156	0.96	cps
Iron	54-2	147362	146175	145589	146376	0.62	cps
Krypton	83-1	140	190	167	166	15.11	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-02DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:36:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	993	913	963	957	4.22	cps
Lead	207-1	690	773	757	740	5.96	cps
Lead	208-1	3874	3807	3774	3818	1.33	cps
Lithium	6-1	1975812	1976390	2019685	1990629	1.26	cps
Magnesium	24-2	3105110	3058211	3088492	3083938	0.77	cps
Manganese	55-2	7561768	7608772	7542097	7570879	0.45	cps
Molybdenum	94-1	1020	1083	1157	1087	6.29	cps
Molybdenum	95-1	1237	1267	1350	1285	4.57	cps
Molybdenum	96-1	1240	1313	1447	1333	7.86	cps
Molybdenum	97-1	610	637	733	660	9.83	cps
Molybdenum	98-1	1670	1640	1713	1675	2.20	cps
Neodymium	150-1	557	533	537	542	2.33	cps
Neodymium	150-2	370	323	253	316	18.61	cps
Nickel	60-2	3831	3974	3987	3931	2.21	cps
Phosphorus	31-2	320	297	307	308	3.80	cps
Potassium	39-2	314390	310299	311953	312214	0.66	cps
Rhodium	103-1	6470807	6622501	6748263	6613857	2.10	cps
Rhodium	103-2	4289787	4175394	4263224	4242802	1.41	cps
Scandium	45-1	4562972	4714085	4736746	4671268	2.02	cps
Scandium	45-2	415499	410826	419380	415235	1.03	cps
Selenium	82-1	318	240	344	301	18.13	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	127	137	153	139	9.70	cps
Silicon	28-1	23949323	23947682	24608406	24168470	1.58	cps
Silver	107-1	207	193	243	214	12.07	cps
Silver	109-1	190	133	197	173	20.08	cps
Sodium	23-2	8124009	8165425	8191103	8160179	0.41	cps
Strontium	86-1	730700	730470	738814	733328	0.65	cps
Strontium	88-1	6391376	6375842	6548993	6438737	1.49	cps
Sulfur	34-1	4259480	4264678	4400855	4308338	1.86	cps
Terbium	159-1	9735837	10004292	10225147	9988425	2.45	cps
Terbium	159-2	7389932	7350651	7353223	7364602	0.30	cps
Thallium	203-1	397	420	387	401	4.26	cps
Thallium	205-1	887	863	1000	917	7.98	cps
Tin	118-1	2990	3271	3177	3146	4.53	cps
Titanium	47-1	563	530	550	548	3.06	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-02DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:36:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19057	18623	19388	19023	2.02	cps
Vanadium	51-2	707	797	723	742	6.45	cps
Yttrium	89-1	12118630	12493184	12623470	12411761	2.11	cps
Yttrium	89-2	3209179	3157828	3206131	3191046	0.90	cps
Zinc	66-2	41040	41050	41795	41295	1.05	cps
Zirconium	90-1	1223	1253	1410	1296	7.74	cps
Zirconium	91-1	213	253	313	260	19.36	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-04DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:39:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	643	613	580	612	5.17	cps
Antimony	121-1	347	353	367	356	2.86	cps
Arsenic	75-2	33	33	23	30	19.25	cps
Barium	135-1	36173	36881	37105	36719	1.33	cps
Barium	137-1	62547	64696	65527	64257	2.39	cps
Beryllium	9-1	157	137	187	160	15.73	cps
Bismuth	209-1	5836413	5953689	6017311	5935804	1.55	cps
Bismuth	209-2	4945306	4925534	5007242	4959361	0.86	cps
Bromine	81-1	8429	8826	8789	8682	2.53	cps
Bromine	81-2	137	143	117	132	10.50	cps
Cadmium	108-1	30	17	30	26	30.11	cps
Cadmium	106-1	4441	4251	4444	4378	2.53	cps
Cadmium	111-1	3154	3110	3197	3154	1.36	cps
Calcium	43-1	3246486	3316403	3357413	3306767	1.70	cps
Calcium	44-1	51679686	52347311	52608826	52211941	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4187	4344	4427	4320	2.82	cps
Cobalt	59-2	55499	55867	55536	55634	0.36	cps
Copper	63-2	4707	4487	4477	4557	2.85	cps
Dysprosium	156-1	1067	1120	1343	1177	12.47	cps
Dysprosium	156-2	1000	1037	983	1007	2.71	cps
Erbium	164-1	1623	1860	1680	1721	7.18	cps
Erbium	164-2	1327	1237	1283	1282	3.51	cps
Gadolinium	160-1	1260	1277	1287	1275	1.06	cps
Gadolinium	160-2	1267	1323	1303	1298	2.21	cps
Holmium	165-1	9743938	9816225	9765918	9775360	0.38	cps
Holmium	165-2	7300862	7407558	7363332	7357250	0.73	cps
Indium	115-1	7404354	7556877	7443879	7468370	1.06	cps
Indium	115-2	2652730	2639852	2629478	2640687	0.44	cps
Iron	56-2	9588059	9622146	9612409	9607538	0.18	cps
Iron	57-2	307888	310755	314242	310962	1.02	cps
Iron	54-2	569396	565206	563888	566163	0.51	cps
Krypton	83-1	180	163	160	168	6.39	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-04DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:39:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1070	1143	1123	1112	3.41	cps
Lead	207-1	980	1023	1013	1006	2.26	cps
Lead	208-1	4740	4834	4764	4779	1.02	cps
Lithium	6-1	2011468	1974601	1969822	1985297	1.15	cps
Magnesium	24-2	2669265	2692702	2712026	2691331	0.80	cps
Manganese	55-2	7129820	7199653	7125889	7151787	0.58	cps
Molybdenum	94-1	557	600	513	557	7.78	cps
Molybdenum	95-1	777	870	743	797	8.24	cps
Molybdenum	96-1	783	767	853	801	5.74	cps
Molybdenum	97-1	357	363	447	389	12.90	cps
Molybdenum	98-1	970	1097	1050	1039	6.17	cps
Neodymium	150-1	890	843	870	868	2.70	cps
Neodymium	150-2	600	627	663	630	5.05	cps
Nickel	60-2	4564	4431	4341	4445	2.53	cps
Phosphorus	31-2	237	320	253	270	16.33	cps
Potassium	39-2	279357	283285	281227	281290	0.70	cps
Rhodium	103-1	6674820	6623553	6741666	6680013	0.89	cps
Rhodium	103-2	4196641	4184833	4255066	4212180	0.89	cps
Scandium	45-1	4722508	4641997	4691186	4685231	0.87	cps
Scandium	45-2	409350	410018	410425	409931	0.13	cps
Selenium	82-1	300	340	307	316	6.82	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	140	147	150	146	3.50	cps
Silicon	28-1	23567364	23884690	24313647	23921900	1.57	cps
Silver	107-1	177	220	243	213	15.86	cps
Silver	109-1	200	127	143	157	24.54	cps
Sodium	23-2	6867588	6913375	6913986	6898316	0.39	cps
Strontium	86-1	629234	647064	648134	641477	1.66	cps
Strontium	88-1	5534458	5664347	5685416	5628074	1.45	cps
Sulfur	34-1	3927009	4013841	3959324	3966725	1.11	cps
Terbium	159-1	10072621	10158601	10223926	10151716	0.75	cps
Terbium	159-2	7256691	7347402	7438828	7347640	1.24	cps
Thallium	203-1	327	390	363	360	8.83	cps
Thallium	205-1	867	860	840	856	1.62	cps
Tin	118-1	1543	1517	1580	1547	2.06	cps
Titanium	47-1	597	527	503	542	8.96	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-04DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:39:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10688	11138	10868	10898	2.08	cps
Vanadium	51-2	413	307	403	374	15.73	cps
Yttrium	89-1	12589725	12550029	12586904	12575553	0.18	cps
Yttrium	89-2	3173413	3120040	3130701	3141385	0.90	cps
Zinc	66-2	50726	51187	51238	51050	0.55	cps
Zirconium	90-1	670	650	710	677	4.51	cps
Zirconium	91-1	130	210	143	161	26.60	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-06DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-03DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:42:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10600	10193	10153	10316	2.40	cps
Antimony	121-1	310	313	310	311	0.62	cps
Arsenic	75-2	97	73	107	92	18.55	cps
Barium	135-1	37974	37780	37125	37626	1.18	cps
Barium	137-1	65225	67067	66832	66375	1.51	cps
Beryllium	9-1	120	197	177	164	24.18	cps
Bismuth	209-1	5820201	5880306	5934438	5878315	0.97	cps
Bismuth	209-2	4419282	4884285	4956336	4753301	6.13	cps
Bromine	81-1	8126	8052	8299	8159	1.55	cps
Bromine	81-2	150	153	130	144	8.74	cps
Cadmium	108-1	33	27	33	31	12.36	cps
Cadmium	106-1	4214	4077	4254	4182	2.22	cps
Cadmium	111-1	3160	3099	3191	3150	1.49	cps
Calcium	43-1	3183944	3261034	3214215	3219731	1.21	cps
Calcium	44-1	51185321	51896698	51034003	51372007	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1307	1330	1430	1356	4.83	cps
Cobalt	59-2	109197	107253	107760	108070	0.93	cps
Copper	63-2	5028	4591	4851	4823	4.56	cps
Dysprosium	156-1	7772	7869	7932	7858	1.03	cps
Dysprosium	156-2	6925	6742	6908	6858	1.48	cps
Erbium	164-1	16123	15986	15826	15978	0.93	cps
Erbium	164-2	11928	11501	11942	11791	2.12	cps
Gadolinium	160-1	8883	8900	8633	8805	1.70	cps
Gadolinium	160-2	7179	7522	6868	7190	4.55	cps
Holmium	165-1	9773352	9857573	9892077	9841000	0.62	cps
Holmium	165-2	6547816	7089568	7302997	6980127	5.58	cps
Indium	115-1	7407593	7322135	7309720	7346483	0.73	cps
Indium	115-2	2301293	2508440	2578846	2462860	5.86	cps
Iron	56-2	107929205	108081398	106075082	107361895	1.04	cps
Iron	57-2	2749171	2723027	2705546	2725915	0.81	cps
Iron	54-2	5941848	5917826	5917827	5925834	0.23	cps
Krypton	83-1	167	173	223	188	16.49	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-06DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-03DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:42:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	807	800	860	822	4.00	cps
Lead	207-1	787	727	700	738	6.02	cps
Lead	208-1	3754	3517	3657	3642	3.27	cps
Lithium	6-1	1888439	1904628	1853533	1882200	1.39	cps
Magnesium	24-2	4196237	4101632	4142064	4146644	1.14	cps
Manganese	55-2	12268509	12365163	12140731	12258135	0.92	cps
Molybdenum	94-1	573	613	633	607	5.04	cps
Molybdenum	95-1	940	917	903	920	2.02	cps
Molybdenum	96-1	1650	1557	1577	1595	3.08	cps
Molybdenum	97-1	373	433	323	377	14.62	cps
Molybdenum	98-1	983	1003	1067	1018	4.27	cps
Neodymium	150-1	6141	6115	5945	6067	1.76	cps
Neodymium	150-2	3837	3744	3791	3791	1.23	cps
Nickel	60-2	6668	6575	6782	6675	1.55	cps
Phosphorus	31-2	230	230	240	233	2.47	cps
Potassium	39-2	341284	333287	336390	336987	1.20	cps
Rhodium	103-1	6492317	6437102	6485983	6471801	0.47	cps
Rhodium	103-2	3688573	4063088	4138111	3963258	6.08	cps
Scandium	45-1	4550009	4517090	4478958	4515353	0.79	cps
Scandium	45-2	351113	391361	393501	378659	6.31	cps
Selenium	82-1	333	356	264	318	15.06	cps
Selenium	77-2	10	13	27	17	52.93	cps
Selenium	78-2	150	127	117	131	13.04	cps
Silicon	28-1	37581122	37970644	37752371	37768046	0.52	cps
Silver	107-1	247	190	190	209	15.66	cps
Silver	109-1	113	180	153	149	22.54	cps
Sodium	23-2	8380346	8213630	8268600	8287525	1.03	cps
Strontium	86-1	740114	747874	746868	744952	0.57	cps
Strontium	88-1	6517272	6547467	6601399	6555379	0.65	cps
Sulfur	34-1	4167021	4201647	4198947	4189205	0.46	cps
Terbium	159-1	10180777	10202408	10106964	10163383	0.49	cps
Terbium	159-2	6445055	7063231	7177396	6895227	5.71	cps
Thallium	203-1	340	480	413	411	17.03	cps
Thallium	205-1	1000	903	943	949	5.12	cps
Tin	118-1	1233	1354	1180	1256	7.08	cps
Titanium	47-1	733	737	760	743	1.95	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-06DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-03DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:42:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10761	10854	11111	10909	1.66	cps
Vanadium	51-2	380	390	440	403	7.97	cps
Yttrium	89-1	12565109	12650825	12628605	12614846	0.35	cps
Yttrium	89-2	2897632	3031406	3133473	3020837	3.92	cps
Zinc	66-2	76035	74491	76236	75588	1.26	cps
Zirconium	90-1	697	587	610	631	9.18	cps
Zirconium	91-1	150	140	143	144	3.52	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-08DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-04DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:45:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110	1003	1000	1038	6.03	cps
Antimony	121-1	273	270	293	279	4.52	cps
Arsenic	75-2	33	50	30	38	28.37	cps
Barium	135-1	38392	42589	39876	40286	5.28	cps
Barium	137-1	67425	67891	69328	68215	1.45	cps
Beryllium	9-1	127	97	130	118	15.59	cps
Bismuth	209-1	5846652	5875602	6009798	5910684	1.47	cps
Bismuth	209-2	5157068	5071447	5013923	5080813	1.42	cps
Bromine	81-1	8786	8576	8853	8738	1.65	cps
Bromine	81-2	117	133	117	122	7.87	cps
Cadmium	108-1	17	30	17	21	36.45	cps
Cadmium	106-1	4381	4561	4364	4435	2.46	cps
Cadmium	111-1	3145	3248	3103	3165	2.36	cps
Calcium	43-1	3513390	3630775	3688494	3610886	2.47	cps
Calcium	44-1	56143934	57555831	58844251	57514672	2.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1617	1697	1477	1597	6.97	cps
Cobalt	59-2	45341	45562	45221	45375	0.38	cps
Copper	63-2	4734	4707	4481	4641	3.00	cps
Dysprosium	156-1	600	650	657	636	4.87	cps
Dysprosium	156-2	610	567	677	618	8.97	cps
Erbium	164-1	1007	1100	1027	1044	4.70	cps
Erbium	164-2	803	787	750	780	3.50	cps
Gadolinium	160-1	590	760	667	672	12.67	cps
Gadolinium	160-2	937	863	897	899	4.08	cps
Holmium	165-1	9836374	9885595	10099597	9940522	1.41	cps
Holmium	165-2	7680235	7582594	7412781	7558536	1.79	cps
Indium	115-1	7450095	7564912	7710945	7575317	1.73	cps
Indium	115-2	2761153	2701745	2715515	2726138	1.14	cps
Iron	56-2	2100897	2109376	2098320	2102864	0.28	cps
Iron	57-2	121664	121839	122595	122033	0.41	cps
Iron	54-2	125090	123195	122349	123545	1.14	cps
Krypton	83-1	153	173	160	162	6.28	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-08DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-04DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:45:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	757	837	813	802	5.13	cps
Lead	207-1	707	687	707	700	1.65	cps
Lead	208-1	3287	3450	3477	3405	3.02	cps
Lithium	6-1	1893057	1878357	1907863	1893092	0.78	cps
Magnesium	24-2	2824029	2789297	2778614	2797314	0.85	cps
Manganese	55-2	7304277	7363214	7352256	7339916	0.43	cps
Molybdenum	94-1	1057	1040	1103	1067	3.08	cps
Molybdenum	95-1	1653	1613	2077	1781	14.42	cps
Molybdenum	96-1	1553	1517	2566	1879	31.70	cps
Molybdenum	97-1	953	957	980	963	1.51	cps
Molybdenum	98-1	2267	2327	2410	2335	3.08	cps
Neodymium	150-1	587	583	487	552	10.29	cps
Neodymium	150-2	327	347	310	328	5.60	cps
Nickel	60-2	3687	3774	3600	3687	2.35	cps
Phosphorus	31-2	337	347	330	338	2.48	cps
Potassium	39-2	316880	319602	314197	316893	0.85	cps
Rhodium	103-1	6674662	6826058	6893729	6798149	1.65	cps
Rhodium	103-2	4386408	4384180	4266172	4345586	1.58	cps
Scandium	45-1	4614586	4679597	4731953	4675379	1.26	cps
Scandium	45-2	418721	421493	417617	419277	0.48	cps
Selenium	82-1	294	316	273	294	7.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	143	153	153	150	3.85	cps
Silicon	28-1	22851353	23369061	23569325	23263247	1.59	cps
Silver	107-1	233	203	220	219	6.87	cps
Silver	109-1	193	207	193	198	3.89	cps
Sodium	23-2	8588892	8501786	8479491	8523390	0.68	cps
Strontium	86-1	734453	751648	759353	748485	1.70	cps
Strontium	88-1	6428314	6608058	6629027	6555133	1.68	cps
Sulfur	34-1	4114506	4227112	4243202	4194940	1.67	cps
Terbium	159-1	10067100	10382010	10431994	10293701	1.92	cps
Terbium	159-2	7554494	7604366	7519062	7559307	0.57	cps
Thallium	203-1	277	350	250	292	17.72	cps
Thallium	205-1	687	780	710	726	6.69	cps
Tin	118-1	1143	1230	1123	1166	4.86	cps
Titanium	47-1	557	523	780	620	22.52	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-08DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-04DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:45:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22452	22987	23691	23043	2.70	cps
Vanadium	51-2	1070	987	1063	1040	4.45	cps
Yttrium	89-1	12723466	12682548	12838330	12748115	0.63	cps
Yttrium	89-2	3236387	3197800	3184971	3206386	0.83	cps
Zinc	66-2	45158	44509	44376	44681	0.94	cps
Zirconium	90-1	867	880	1000	916	8.02	cps
Zirconium	91-1	143	223	190	186	21.66	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-10DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-05DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:49:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757	680	683	707	6.13	cps
Antimony	121-1	233	293	277	268	11.57	cps
Arsenic	75-2	43	40	53	46	15.23	cps
Barium	135-1	35899	36995	36510	36468	1.51	cps
Barium	137-1	62871	65172	64519	64187	1.85	cps
Beryllium	9-1	147	147	137	143	4.03	cps
Bismuth	209-1	5994522	6056791	6011879	6021064	0.53	cps
Bismuth	209-2	5095006	5034152	5127494	5085551	0.93	cps
Bromine	81-1	8336	8529	8376	8414	1.21	cps
Bromine	81-2	173	137	183	164	14.94	cps
Cadmium	108-1	17	23	20	20	16.65	cps
Cadmium	106-1	4301	4294	4147	4247	2.04	cps
Cadmium	111-1	3075	3079	2982	3046	1.80	cps
Calcium	43-1	3520455	3527803	3515133	3521130	0.18	cps
Calcium	44-1	56105193	55754548	55767849	55875863	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1487	1313	1357	1386	6.51	cps
Cobalt	59-2	38092	38513	38967	38524	1.14	cps
Copper	63-2	4637	4734	4931	4767	3.14	cps
Dysprosium	156-1	557	500	513	523	5.66	cps
Dysprosium	156-2	470	407	393	423	9.68	cps
Erbium	164-1	897	773	810	827	7.66	cps
Erbium	164-2	567	577	563	569	1.22	cps
Gadolinium	160-1	567	580	600	582	2.88	cps
Gadolinium	160-2	683	697	807	729	9.29	cps
Holmium	165-1	9893277	10226994	10095403	10071891	1.67	cps
Holmium	165-2	7590276	7467606	7537510	7531797	0.82	cps
Indium	115-1	7427645	7620258	7467322	7505075	1.36	cps
Indium	115-2	2640624	2607270	2666137	2638010	1.12	cps
Iron	56-2	1481252	1485956	1488034	1485081	0.23	cps
Iron	57-2	101509	101510	103876	102298	1.34	cps
Iron	54-2	88585	87991	87415	87997	0.66	cps
Krypton	83-1	150	190	147	162	14.86	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-10DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-05DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:49:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	913	933	970	939	3.06	cps
Lead	207-1	800	953	947	900	9.63	cps
Lead	208-1	3880	4064	4234	4059	4.35	cps
Lithium	6-1	1952326	1912224	1958101	1940884	1.29	cps
Magnesium	24-2	2942773	2909329	2928693	2926932	0.57	cps
Manganese	55-2	6900699	6770800	6709341	6793614	1.44	cps
Molybdenum	94-1	1137	1207	1200	1181	3.27	cps
Molybdenum	95-1	1820	1827	1797	1815	0.87	cps
Molybdenum	96-1	1810	1983	1833	1876	5.02	cps
Molybdenum	97-1	1093	1060	913	1022	9.37	cps
Molybdenum	98-1	2650	2647	2564	2620	1.87	cps
Neodymium	150-1	437	413	400	417	4.45	cps
Neodymium	150-2	240	203	260	234	12.26	cps
Nickel	60-2	3540	3314	3384	3413	3.40	cps
Phosphorus	31-2	320	320	320	320	0.00	cps
Potassium	39-2	325986	325693	325050	325577	0.15	cps
Rhodium	103-1	6652608	6815846	6742701	6737052	1.21	cps
Rhodium	103-2	4264137	4249504	4271944	4261862	0.27	cps
Scandium	45-1	4679303	4727497	4649551	4685450	0.84	cps
Scandium	45-2	410850	411782	410280	410971	0.18	cps
Selenium	82-1	267	282	253	267	5.29	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	90	100	117	102	13.18	cps
Silicon	28-1	22730086	22960371	22979089	22889849	0.61	cps
Silver	107-1	210	203	200	204	2.49	cps
Silver	109-1	130	173	170	158	15.28	cps
Sodium	23-2	9501468	9429893	9454606	9461989	0.38	cps
Strontium	86-1	768323	773445	785238	775669	1.12	cps
Strontium	88-1	6772252	6841902	6786527	6800227	0.54	cps
Sulfur	34-1	4102768	4065523	4109067	4092453	0.58	cps
Terbium	159-1	10304836	10482185	10476777	10421266	0.97	cps
Terbium	159-2	7389238	7378723	7433946	7400635	0.40	cps
Thallium	203-1	247	223	267	246	8.83	cps
Thallium	205-1	600	603	537	580	6.48	cps
Tin	118-1	1580	1597	1433	1537	5.85	cps
Titanium	47-1	597	593	550	580	4.49	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-10DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-05DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:49:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27355	27659	27732	27582	0.73	cps
Vanadium	51-2	1217	1140	1107	1155	4.89	cps
Yttrium	89-1	12553143	12796450	12748946	12699513	1.02	cps
Yttrium	89-2	3157991	3151975	3200148	3170038	0.83	cps
Zinc	66-2	43466	44322	44295	44028	1.11	cps
Zirconium	90-1	650	673	653	659	1.92	cps
Zirconium	91-1	190	143	180	171	14.36	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-12DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-06DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:52:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	697	720	843	753	10.46	cps
Antimony	121-1	263	290	253	269	7.05	cps
Arsenic	75-2	53	20	47	40	44.09	cps
Barium	135-1	38692	39872	39775	39447	1.66	cps
Barium	137-1	68028	69227	68698	68651	0.88	cps
Beryllium	9-1	140	120	130	130	7.69	cps
Bismuth	209-1	5906508	6151112	6078561	6045393	2.08	cps
Bismuth	209-2	5088076	5115277	5070386	5091246	0.44	cps
Bromine	81-1	7752	7866	7859	7825	0.81	cps
Bromine	81-2	127	130	127	128	1.50	cps
Cadmium	108-1	23	7	20	17	52.90	cps
Cadmium	106-1	4264	4341	4267	4291	1.01	cps
Cadmium	111-1	3032	3140	3106	3093	1.80	cps
Calcium	43-1	3515984	3547606	3499288	3520959	0.70	cps
Calcium	44-1	56270004	56283914	56412152	56322024	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1360	1410	1287	1352	4.59	cps
Cobalt	59-2	40114	40331	40575	40340	0.57	cps
Copper	63-2	4541	4711	4784	4679	2.67	cps
Dysprosium	156-1	577	530	493	533	7.83	cps
Dysprosium	156-2	383	463	427	424	9.44	cps
Erbium	164-1	803	853	827	828	3.02	cps
Erbium	164-2	613	663	630	636	4.01	cps
Gadolinium	160-1	603	500	583	562	9.75	cps
Gadolinium	160-2	847	693	860	800	11.58	cps
Holmium	165-1	9936970	10163839	10070678	10057162	1.13	cps
Holmium	165-2	7397664	7473611	7429118	7433464	0.51	cps
Indium	115-1	7383132	7497508	7501646	7460762	0.90	cps
Indium	115-2	2576201	2632419	2594224	2600948	1.10	cps
Iron	56-2	1567503	1563368	1594585	1575152	1.08	cps
Iron	57-2	105900	104621	105806	105442	0.68	cps
Iron	54-2	92005	93273	92294	92524	0.72	cps
Krypton	83-1	163	167	143	158	8.00	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-12DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-06DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:52:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	943	1047	907	966	7.52	cps
Lead	207-1	827	807	843	826	2.22	cps
Lead	208-1	3847	4074	3884	3935	3.09	cps
Lithium	6-1	1870032	1918631	1901971	1896878	1.30	cps
Magnesium	24-2	3066461	2960549	3009139	3012050	1.76	cps
Manganese	55-2	7022797	7014006	7014950	7017251	0.07	cps
Molybdenum	94-1	1110	1130	1110	1117	1.03	cps
Molybdenum	95-1	1763	1563	1767	1698	6.86	cps
Molybdenum	96-1	1820	1647	1887	1785	6.94	cps
Molybdenum	97-1	1037	913	1003	984	6.48	cps
Molybdenum	98-1	2460	2547	2374	2460	3.52	cps
Neodymium	150-1	407	480	383	423	11.92	cps
Neodymium	150-2	250	233	220	234	6.41	cps
Nickel	60-2	3550	3304	3504	3453	3.80	cps
Phosphorus	31-2	297	237	293	276	12.24	cps
Potassium	39-2	332722	330838	333259	332273	0.38	cps
Rhodium	103-1	6591639	6699102	6711892	6667544	0.99	cps
Rhodium	103-2	4201220	4162727	4243785	4202577	0.96	cps
Scandium	45-1	4642670	4614138	4619981	4625596	0.33	cps
Scandium	45-2	409109	406770	405332	407070	0.47	cps
Selenium	82-1	235	337	273	282	18.25	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	87	113	103	101	13.32	cps
Silicon	28-1	23045507	23307080	23316309	23222965	0.66	cps
Silver	107-1	167	233	207	202	16.59	cps
Silver	109-1	137	153	130	140	8.59	cps
Sodium	23-2	9877206	9697133	9881943	9818761	1.07	cps
Strontium	86-1	782549	796608	800465	793207	1.19	cps
Strontium	88-1	6844368	6942803	6934114	6907095	0.79	cps
Sulfur	34-1	4166860	4218637	4208967	4198155	0.66	cps
Terbium	159-1	10225522	10448499	10469247	10381089	1.30	cps
Terbium	159-2	7520057	7427712	7413028	7453599	0.78	cps
Thallium	203-1	200	243	217	220	9.94	cps
Thallium	205-1	563	597	520	560	6.86	cps
Tin	118-1	1293	1463	3693	2150	62.28	cps
Titanium	47-1	487	420	507	471	9.63	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-12DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-06DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:52:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27235	28106	28183	27841	1.89	cps
Vanadium	51-2	1133	1137	1060	1110	3.90	cps
Yttrium	89-1	12444620	12506878	12530728	12494075	0.36	cps
Yttrium	89-2	3139374	3086164	3081094	3102211	1.04	cps
Zinc	66-2	42330	42761	42617	42569	0.52	cps
Zirconium	90-1	597	733	770	700	13.05	cps
Zirconium	91-1	147	180	160	162	10.34	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-14DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-07DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:55:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	827	797	757	793	4.43	cps
Antimony	121-1	233	230	233	232	0.83	cps
Arsenic	75-2	43	13	43	33	51.97	cps
Barium	135-1	39127	38131	39144	38801	1.49	cps
Barium	137-1	66873	67563	67723	67386	0.67	cps
Beryllium	9-1	150	103	103	119	22.66	cps
Bismuth	209-1	6100143	6156960	6155836	6137646	0.53	cps
Bismuth	209-2	5168681	5107348	5191324	5155784	0.84	cps
Bromine	81-1	8062	7772	7779	7871	2.10	cps
Bromine	81-2	123	137	140	133	6.62	cps
Cadmium	108-1	7	10	17	11	45.82	cps
Cadmium	106-1	4437	4014	4097	4183	5.36	cps
Cadmium	111-1	3205	2919	2950	3025	5.18	cps
Calcium	43-1	3391440	3406056	3387036	3394844	0.29	cps
Calcium	44-1	53287208	53657476	53894804	53613163	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1433	1360	1230	1341	7.68	cps
Cobalt	59-2	49454	48729	50187	49457	1.47	cps
Copper	63-2	4761	5088	4971	4940	3.35	cps
Dysprosium	156-1	870	833	950	884	6.75	cps
Dysprosium	156-2	660	747	700	702	6.18	cps
Erbium	164-1	1307	1273	1247	1276	2.36	cps
Erbium	164-2	943	917	1043	968	6.90	cps
Gadolinium	160-1	920	943	807	890	8.21	cps
Gadolinium	160-2	1010	1040	1013	1021	1.61	cps
Holmium	165-1	10094449	10221847	10342630	10219642	1.21	cps
Holmium	165-2	7416002	7447628	7454834	7439488	0.28	cps
Indium	115-1	7385867	7497587	7416767	7433407	0.78	cps
Indium	115-2	2664283	2595389	2622440	2627370	1.32	cps
Iron	56-2	3802939	3772961	3691645	3755849	1.53	cps
Iron	57-2	158469	159850	160480	159599	0.64	cps
Iron	54-2	221903	221092	220754	221250	0.27	cps
Krypton	83-1	147	153	137	146	5.76	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-14DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-07DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:55:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	900	857	907	888	3.06	cps
Lead	207-1	893	823	777	831	7.07	cps
Lead	208-1	3744	3664	3747	3718	1.27	cps
Lithium	6-1	1869411	1862040	1825923	1852458	1.26	cps
Magnesium	24-2	2693509	2673104	2715696	2694103	0.79	cps
Manganese	55-2	7040100	7027518	7022890	7030169	0.13	cps
Molybdenum	94-1	790	810	827	809	2.27	cps
Molybdenum	95-1	1140	1143	1383	1222	11.42	cps
Molybdenum	96-1	1163	1230	1253	1216	3.84	cps
Molybdenum	97-1	683	693	687	688	0.74	cps
Molybdenum	98-1	1733	1743	1800	1759	2.04	cps
Neodymium	150-1	720	643	630	664	7.31	cps
Neodymium	150-2	373	420	483	426	12.97	cps
Nickel	60-2	3721	3827	3821	3789	1.58	cps
Phosphorus	31-2	300	280	273	284	4.88	cps
Potassium	39-2	295852	294669	289702	293408	1.11	cps
Rhodium	103-1	6586586	6703453	6611237	6633759	0.93	cps
Rhodium	103-2	4238398	4235188	4241012	4238199	0.07	cps
Scandium	45-1	4541461	4622770	4542652	4568961	1.02	cps
Scandium	45-2	407470	403226	406293	405663	0.54	cps
Selenium	82-1	290	318	268	292	8.57	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	73	110	117	100	23.34	cps
Silicon	28-1	22764750	22872100	22985795	22874215	0.48	cps
Silver	107-1	237	193	213	214	10.11	cps
Silver	109-1	200	210	197	202	3.43	cps
Sodium	23-2	7851836	7823057	7921665	7865519	0.64	cps
Strontium	86-1	692379	693366	698283	694676	0.46	cps
Strontium	88-1	6104137	6064884	6170079	6113034	0.87	cps
Sulfur	34-1	4090008	4069136	4081923	4080356	0.26	cps
Terbium	159-1	10317548	10630993	10394553	10447698	1.56	cps
Terbium	159-2	7617678	7420201	7439353	7492411	1.45	cps
Thallium	203-1	317	233	237	262	17.99	cps
Thallium	205-1	603	647	583	611	5.30	cps
Tin	118-1	1303	1287	1247	1279	2.28	cps
Titanium	47-1	547	483	510	513	6.19	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-14DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-07DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 17:55:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20072	20940	20352	20455	2.17	cps
Vanadium	51-2	580	647	583	603	6.23	cps
Yttrium	89-1	12506780	12617699	12373299	12499260	0.98	cps
Yttrium	89-2	3123284	3118410	3106314	3116002	0.28	cps
Zinc	66-2	49488	49033	47713	48745	1.89	cps
Zirconium	90-1	537	713	613	621	14.26	cps
Zirconium	91-1	120	127	107	118	8.65	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:59:14	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9782313	9846903	9695022	9774746	0.78	cps
Antimony	121-1	3391892	3458635	3472297	3440942	1.25	cps
Arsenic	75-2	178617	178765	179356	178913	0.22	cps
Barium	135-1	4689218	4659038	4670369	4672875	0.33	cps
Barium	137-1	8027054	8166089	8113467	8102203	0.87	cps
Beryllium	9-1	799536	807867	807666	805023	0.59	cps
Bismuth	209-1	5754810	5590020	5819826	5721552	2.07	cps
Bismuth	209-2	4503509	4526090	4656893	4562164	1.82	cps
Bromine	81-1	7822	8739	8873	8478	6.75	cps
Bromine	81-2	177	190	200	189	6.20	cps
Cadmium	108-1	70604	71525	69877	70669	1.17	cps
Cadmium	106-1	101229	103364	103673	102755	1.29	cps
Cadmium	111-1	915371	936628	938382	930127	1.38	cps
Calcium	43-1	5263514	5260434	5398215	5307388	1.48	cps
Calcium	44-1	84022839	83876609	85249435	84382961	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1492420	1489423	1526613	1502819	1.37	cps
Cobalt	59-2	2376263	2379011	2390925	2382066	0.33	cps
Copper	63-2	15844950	15740301	15924246	15836499	0.58	cps
Dysprosium	156-1	937	963	877	926	4.80	cps
Dysprosium	156-2	873	883	777	844	6.98	cps
Erbium	164-1	267	207	227	233	13.09	cps
Erbium	164-2	167	227	173	189	17.41	cps
Gadolinium	160-1	900	943	983	942	4.42	cps
Gadolinium	160-2	930	1147	1043	1040	10.42	cps
Holmium	165-1	9854122	9882659	10138332	9958371	1.57	cps
Holmium	165-2	7028394	7163170	7241709	7144425	1.51	cps
Indium	115-1	6970665	7001095	7123787	7031849	1.15	cps
Indium	115-2	2374134	2405488	2469283	2416302	2.01	cps
Iron	56-2	327678742	328948708	332211695	329613048	0.71	cps
Iron	57-2	8250474	8313681	8306290	8290148	0.42	cps
Iron	54-2	18471457	18428328	18412309	18437365	0.17	cps
Krypton	83-1	167	123	160	150	15.55	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:59:14	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14728270	14849593	14882994	14820286	0.55	cps
Lead	207-1	12934611	13228841	13328450	13163967	1.56	cps
Lead	208-1	59046701	59542470	59845245	59478139	0.68	cps
Lithium	6-1	1828205	1855750	1902378	1862111	2.01	cps
Magnesium	24-2	93954889	94211325	95415002	94527072	0.82	cps
Manganese	55-2	10998127	10964572	11078344	11013681	0.53	cps
Molybdenum	94-1	12739854	12982477	12868879	12863736	0.94	cps
Molybdenum	95-1	18118981	18581539	18598978	18433166	1.48	cps
Molybdenum	96-1	19894872	20289647	20387987	20190835	1.29	cps
Molybdenum	97-1	11495949	11502974	11684244	11561056	0.92	cps
Molybdenum	98-1	29783025	29576631	30008500	29789385	0.73	cps
Neodymium	150-1	513	500	550	521	4.97	cps
Neodymium	150-2	170	160	190	173	8.81	cps
Nickel	60-2	583204	590084	588263	587184	0.61	cps
Phosphorus	31-2	101490	102329	102403	102074	0.50	cps
Potassium	39-2	45001899	45289384	45451933	45247739	0.50	cps
Rhodium	103-1	6094537	6054569	6220159	6123088	1.41	cps
Rhodium	103-2	3781228	3846548	3871374	3833050	1.21	cps
Scandium	45-1	4453047	4436300	4507953	4465767	0.84	cps
Scandium	45-2	381360	384696	398256	388104	2.31	cps
Selenium	82-1	57746	58959	58374	58360	1.04	cps
Selenium	77-2	5511	5511	5588	5537	0.80	cps
Selenium	78-2	18475	18462	17681	18206	2.50	cps
Silicon	28-1	31265846	31884837	31903076	31684586	1.14	cps
Silver	107-1	4396352	4500103	4473664	4456706	1.21	cps
Silver	109-1	4198249	4267291	4294308	4253283	1.16	cps
Sodium	23-2	149439651	150620284	150475601	150178512	0.43	cps
Strontium	86-1	29635721	30208150	29737680	29860517	1.02	cps
Strontium	88-1	259975176	261135496	262302216	261137629	0.45	cps
Sulfur	34-1	583545	581629	580380	581851	0.27	cps
Terbium	159-1	10341151	10162863	10395360	10299791	1.18	cps
Terbium	159-2	6945650	7038164	7181001	7054938	1.68	cps
Thallium	203-1	3676696	3724589	3707327	3702871	0.66	cps
Thallium	205-1	8632475	8775744	8782869	8730363	0.97	cps
Tin	118-1	2937084	2971231	2973623	2960646	0.69	cps
Titanium	47-1	4642103	4759159	4715904	4705722	1.26	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 17:59:14	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12580155	12552647	12612597	12581800	0.24	cps
Vanadium	51-2	1332565	1348650	1350312	1343842	0.73	cps
Yttrium	89-1	12028887	11969026	12290550	12096154	1.41	cps
Yttrium	89-2	2911977	2959547	3023287	2964937	1.88	cps
Zinc	66-2	2645459	2630423	2616677	2630853	0.55	cps
Zirconium	90-1	6299173	6355534	6387162	6347290	0.70	cps
Zirconium	91-1	1399380	1419289	1426364	1415011	0.99	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:22:30	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207	250	260	239	11.87	cps
Antimony	121-1	730	773	850	784	7.75	cps
Arsenic	75-2	17	7	7	10	57.72	cps
Barium	135-1	53	47	40	47	14.28	cps
Barium	137-1	93	67	70	77	18.95	cps
Beryllium	9-1	127	143	100	123	17.73	cps
Bismuth	209-1	6283913	6228053	6291967	6267978	0.56	cps
Bismuth	209-2	5234988	5327539	5284541	5282356	0.88	cps
Bromine	81-1	8526	8419	8182	8376	2.10	cps
Bromine	81-2	97	140	80	106	29.34	cps
Cadmium	108-1	3	7	3	4	43.40	cps
Cadmium	106-1	4294	4284	4214	4264	1.02	cps
Cadmium	111-1	3017	2997	2954	2989	1.07	cps
Calcium	43-1	470	480	513	488	4.65	cps
Calcium	44-1	7312	7652	7886	7616	3.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1240	1260	1177	1226	3.55	cps
Cobalt	59-2	57	100	127	94	37.41	cps
Copper	63-2	2897	3107	3174	3059	4.72	cps
Dysprosium	156-1	10	7	10	9	21.63	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	123	100	87	103	17.96	cps
Erbium	164-2	50	37	60	49	23.94	cps
Gadolinium	160-1	37	50	40	42	16.43	cps
Gadolinium	160-2	353	370	357	360	2.45	cps
Holmium	165-1	10112902	10249412	10202689	10188335	0.68	cps
Holmium	165-2	7523423	7654290	7534613	7570775	0.96	cps
Indium	115-1	7855786	7997839	7925445	7926357	0.90	cps
Indium	115-2	2752252	2758386	2776586	2762408	0.46	cps
Iron	56-2	9340	10350	12909	10866	16.93	cps
Iron	57-2	683	713	830	742	10.44	cps
Iron	54-2	1377	1433	1603	1471	8.02	cps
Krypton	83-1	133	120	143	132	8.86	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:22:30	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	587	603	573	588	2.56	cps
Lead	207-1	530	563	533	542	3.39	cps
Lead	208-1	2880	2870	2677	2809	4.08	cps
Lithium	6-1	1997079	1976465	2017082	1996875	1.02	cps
Magnesium	24-2	917	1187	1330	1144	18.34	cps
Manganese	55-2	230	223	263	239	8.97	cps
Molybdenum	94-1	463	440	467	457	3.18	cps
Molybdenum	95-1	143	187	247	192	26.99	cps
Molybdenum	96-1	173	203	300	226	29.35	cps
Molybdenum	97-1	60	97	147	101	43.03	cps
Molybdenum	98-1	197	257	313	256	22.83	cps
Neodymium	150-1	0	3	7	3	100.05	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	127	103	107	112	11.25	cps
Phosphorus	31-2	280	253	287	273	6.45	cps
Potassium	39-2	57056	56574	57150	56927	0.54	cps
Rhodium	103-1	7156781	7216662	7244331	7205924	0.62	cps
Rhodium	103-2	4586017	4499222	4547418	4544219	0.96	cps
Scandium	45-1	4851100	4877236	4863699	4864012	0.27	cps
Scandium	45-2	431629	429169	424181	428326	0.89	cps
Selenium	82-1	272	353	326	317	13.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	140	143	138	5.04	cps
Silicon	28-1	667002	666454	676400	669952	0.83	cps
Silver	107-1	153	173	120	149	18.10	cps
Silver	109-1	83	130	103	106	22.18	cps
Sodium	23-2	27384	27531	27949	27621	1.06	cps
Strontium	86-1	340	310	370	340	8.82	cps
Strontium	88-1	670	760	1077	836	25.56	cps
Sulfur	34-1	272424	272122	269579	271375	0.58	cps
Terbium	159-1	10539643	10536132	10571469	10549081	0.18	cps
Terbium	159-2	7522723	7533314	7491610	7515882	0.29	cps
Thallium	203-1	167	183	187	179	5.99	cps
Thallium	205-1	420	443	483	449	7.14	cps
Tin	118-1	1163	1150	1130	1148	1.46	cps
Titanium	47-1	100	127	97	108	15.26	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:22:30	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	43	67	59	22.88	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	12904907	13121349	13099831	13042029	0.91	cps
Yttrium	89-2	3283924	3278039	3210141	3257368	1.26	cps
Zinc	66-2	427	387	400	404	5.04	cps
Zirconium	90-1	967	1147	1163	1092	9.98	cps
Zirconium	91-1	180	200	247	209	16.38	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:25:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757	650	677	694	7.99	cps
Antimony	121-1	253	290	303	282	9.17	cps
Arsenic	75-2	33	27	43	34	24.35	cps
Barium	135-1	38101	39709	39304	39038	2.14	cps
Barium	137-1	67780	68032	68021	67944	0.21	cps
Beryllium	9-1	163	160	157	160	2.08	cps
Bismuth	209-1	6109092	6153089	6221040	6161073	0.92	cps
Bismuth	209-2	5199441	5199961	5259692	5219698	0.66	cps
Bromine	81-1	7692	7759	8082	7844	2.66	cps
Bromine	81-2	110	90	117	106	13.15	cps
Cadmium	108-1	33	27	17	26	32.81	cps
Cadmium	106-1	4267	4331	4201	4266	1.52	cps
Cadmium	111-1	3130	3223	3162	3172	1.48	cps
Calcium	43-1	3427979	3460439	3432828	3440415	0.51	cps
Calcium	44-1	54315831	54930618	54281883	54509444	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1660	1670	1793	1708	4.35	cps
Cobalt	59-2	50518	50050	50756	50441	0.71	cps
Copper	63-2	4327	4354	4534	4405	2.55	cps
Dysprosium	156-1	930	1067	937	978	7.88	cps
Dysprosium	156-2	880	827	860	856	3.15	cps
Erbium	164-1	1650	1513	1553	1572	4.47	cps
Erbium	164-2	1183	1030	1040	1085	7.91	cps
Gadolinium	160-1	1087	1113	1040	1080	3.44	cps
Gadolinium	160-2	1127	1087	1000	1071	6.05	cps
Holmium	165-1	10105601	10352181	10212678	10223487	1.21	cps
Holmium	165-2	7652822	7653604	7740436	7682287	0.66	cps
Indium	115-1	7627422	7631996	7656070	7638496	0.20	cps
Indium	115-2	2684418	2760699	2729618	2724911	1.41	cps
Iron	56-2	5524794	5536494	5539867	5533718	0.14	cps
Iron	57-2	205262	207988	204336	205862	0.92	cps
Iron	54-2	328575	326173	328936	327895	0.46	cps
Krypton	83-1	173	163	137	158	12.01	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:25:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1227	1230	1223	1227	0.27	cps
Lead	207-1	917	1010	1210	1046	14.33	cps
Lead	208-1	4880	4907	5347	5045	5.20	cps
Lithium	6-1	1908335	1891675	1838062	1879357	1.95	cps
Magnesium	24-2	2713653	2645192	2706470	2688438	1.40	cps
Manganese	55-2	7088853	7219633	7077586	7128691	1.11	cps
Molybdenum	94-1	1000	973	993	989	1.40	cps
Molybdenum	95-1	1057	1053	1187	1099	6.92	cps
Molybdenum	96-1	1117	1120	1087	1108	1.66	cps
Molybdenum	97-1	613	617	613	614	0.31	cps
Molybdenum	98-1	1567	1523	1567	1552	1.61	cps
Neodymium	150-1	780	823	790	798	2.84	cps
Neodymium	150-2	493	433	450	459	6.75	cps
Nickel	60-2	3734	3584	3600	3639	2.26	cps
Phosphorus	31-2	327	260	263	283	13.26	cps
Potassium	39-2	289685	293344	288548	290525	0.86	cps
Rhodium	103-1	6714384	6739508	6790406	6748099	0.57	cps
Rhodium	103-2	4333597	4323123	4351318	4336013	0.33	cps
Scandium	45-1	4681713	4635845	4644015	4653858	0.53	cps
Scandium	45-2	412950	419610	415261	415940	0.81	cps
Selenium	82-1	327	263	351	313	14.57	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	140	130	110	127	12.06	cps
Silicon	28-1	22607431	22508909	22868231	22661524	0.82	cps
Silver	107-1	210	197	197	201	3.83	cps
Silver	109-1	160	153	147	153	4.35	cps
Sodium	23-2	7840297	7704840	7793167	7779434	0.88	cps
Strontium	86-1	687645	689156	696020	690940	0.65	cps
Strontium	88-1	6067098	6027039	6009694	6034611	0.49	cps
Sulfur	34-1	4149024	4158869	4181043	4162979	0.39	cps
Terbium	159-1	10543435	10588838	10586998	10573091	0.24	cps
Terbium	159-2	7667569	7729477	7517184	7638077	1.43	cps
Thallium	203-1	243	240	280	254	8.72	cps
Thallium	205-1	650	707	680	679	4.18	cps
Tin	118-1	1180	1297	1373	1283	7.59	cps
Titanium	47-1	480	463	477	473	1.86	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:25:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17675	18136	17742	17851	1.39	cps
Vanadium	51-2	517	450	510	492	7.46	cps
Yttrium	89-1	12927111	12706415	12664469	12765998	1.11	cps
Yttrium	89-2	3170315	3256781	3245451	3224182	1.46	cps
Zinc	66-2	50515	49411	50324	50084	1.18	cps
Zirconium	90-1	1003	1057	1143	1068	6.62	cps
Zirconium	91-1	263	270	290	274	5.06	cps

LB Number : LB128626 Operator : Jaswal
 Lab Sample ID : O5599-16DUPDLX5 Instrumnet Name : P7
 Client Sample ID : LKWD-BACKFILL-08DUF Dilution Factor : 5
 Date & Time Acquired : 2023-12-07 18:28:54 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	613	633	663	637	3.95	cps
Antimony	121-1	197	273	253	241	16.49	cps
Arsenic	75-2	17	33	60	37	59.61	cps
Barium	135-1	39127	40069	40287	39828	1.55	cps
Barium	137-1	68517	69056	69301	68958	0.58	cps
Beryllium	9-1	87	157	90	111	35.54	cps
Bismuth	209-1	6143099	6387452	6328034	6286195	2.03	cps
Bismuth	209-2	5236299	5216569	5214426	5222431	0.23	cps
Bromine	81-1	7936	8196	7966	8032	1.77	cps
Bromine	81-2	87	93	93	91	4.22	cps
Cadmium	108-1	23	30	30	28	13.86	cps
Cadmium	106-1	4281	4497	4321	4366	2.64	cps
Cadmium	111-1	3163	3284	3183	3210	2.01	cps
Calcium	43-1	3388252	3492750	3539771	3473591	2.23	cps
Calcium	44-1	54583239	55356211	55974019	55304490	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1627	1583	1823	1678	7.62	cps
Cobalt	59-2	50876	50645	50699	50740	0.24	cps
Copper	63-2	4354	4694	4637	4562	3.99	cps
Dysprosium	156-1	1003	977	1077	1019	5.08	cps
Dysprosium	156-2	770	957	877	868	10.79	cps
Erbium	164-1	1507	1580	1610	1566	3.40	cps
Erbium	164-2	1100	1090	1153	1114	3.06	cps
Gadolinium	160-1	1080	1090	1197	1122	5.76	cps
Gadolinium	160-2	1067	1117	1163	1116	4.33	cps
Holmium	165-1	10517667	10577429	10597255	10564117	0.39	cps
Holmium	165-2	7709268	7659628	7597463	7655453	0.73	cps
Indium	115-1	7685004	7831321	7720788	7745704	0.98	cps
Indium	115-2	2703261	2680386	2743403	2709017	1.18	cps
Iron	56-2	5579889	5539040	5636456	5585128	0.88	cps
Iron	57-2	208742	206305	210659	208569	1.05	cps
Iron	54-2	330841	329554	331067	330487	0.25	cps
Krypton	83-1	147	137	103	129	17.61	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DUF	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:28:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1143	1213	1153	1170	3.24	cps
Lead	207-1	1067	997	1030	1031	3.40	cps
Lead	208-1	4857	4814	4767	4813	0.94	cps
Lithium	6-1	1826383	1843954	1787106	1819148	1.60	cps
Magnesium	24-2	2707433	2653494	2684061	2681663	1.01	cps
Manganese	55-2	7263093	7266482	7166888	7232154	0.78	cps
Molybdenum	94-1	973	843	823	880	9.26	cps
Molybdenum	95-1	967	1183	1203	1118	11.74	cps
Molybdenum	96-1	1147	1057	1110	1104	4.10	cps
Molybdenum	97-1	610	553	553	572	5.72	cps
Molybdenum	98-1	1493	1623	1650	1589	5.28	cps
Neodymium	150-1	877	820	840	846	3.40	cps
Neodymium	150-2	463	550	513	509	8.55	cps
Nickel	60-2	3731	3624	3824	3726	2.69	cps
Phosphorus	31-2	250	267	300	272	9.35	cps
Potassium	39-2	293718	291298	292236	292417	0.42	cps
Rhodium	103-1	6776265	6893869	7033282	6901139	1.86	cps
Rhodium	103-2	4330632	4422287	4399953	4384291	1.09	cps
Scandium	45-1	4687417	4729192	4765811	4727473	0.83	cps
Scandium	45-2	417216	415472	413804	415497	0.41	cps
Selenium	82-1	250	320	384	318	21.18	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	113	150	130	131	14.00	cps
Silicon	28-1	22818410	22768910	23114475	22900598	0.82	cps
Silver	107-1	220	193	193	202	7.61	cps
Silver	109-1	160	140	187	162	14.43	cps
Sodium	23-2	7803509	7729382	7744718	7759203	0.50	cps
Strontium	86-1	690315	706277	711770	702787	1.59	cps
Strontium	88-1	6011976	6141797	6190696	6114823	1.51	cps
Sulfur	34-1	4154826	4113888	4250670	4173128	1.68	cps
Terbium	159-1	10672452	10775031	10742415	10729966	0.49	cps
Terbium	159-2	7696223	7670724	7645243	7670730	0.33	cps
Thallium	203-1	267	230	243	247	7.52	cps
Thallium	205-1	627	580	537	581	7.75	cps
Tin	118-1	1223	1310	1300	1278	3.71	cps
Titanium	47-1	433	447	437	439	1.58	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08DUF	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:28:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17989	17885	18066	17980	0.50	cps
Vanadium	51-2	507	507	560	524	5.87	cps
Yttrium	89-1	12766226	12994047	13059662	12939979	1.19	cps
Yttrium	89-2	3258150	3216319	3228856	3234442	0.66	cps
Zinc	66-2	50967	50100	50425	50497	0.87	cps
Zirconium	90-1	1003	1067	1173	1081	7.95	cps
Zirconium	91-1	193	233	203	210	9.91	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16LDLX25	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08LDL	Dilution Factor :	25
Date & Time Acquired :	2023-12-07 18:32:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	280	330	342	20.21	cps
Antimony	121-1	127	97	173	132	29.22	cps
Arsenic	75-2	10	7	10	9	21.63	cps
Barium	135-1	7776	8169	8176	8040	2.85	cps
Barium	137-1	14287	14241	13877	14135	1.59	cps
Beryllium	9-1	137	130	120	129	6.51	cps
Bismuth	209-1	6504603	6492074	6532179	6509619	0.32	cps
Bismuth	209-2	5423253	5434263	5378528	5412015	0.55	cps
Bromine	81-1	8119	8189	8229	8179	0.68	cps
Bromine	81-2	87	93	90	90	3.70	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	4694	4474	4594	4587	2.40	cps
Cadmium	111-1	3320	3195	3249	3255	1.93	cps
Calcium	43-1	749064	754488	748358	750637	0.45	cps
Calcium	44-1	11058270	11277572	11149787	11161876	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1503	1243	1457	1401	9.89	cps
Cobalt	59-2	10447	10697	10547	10564	1.19	cps
Copper	63-2	3250	3210	3160	3207	1.41	cps
Dysprosium	156-1	220	207	220	216	3.57	cps
Dysprosium	156-2	207	193	207	202	3.81	cps
Erbium	164-1	433	360	367	387	10.49	cps
Erbium	164-2	260	213	213	229	11.77	cps
Gadolinium	160-1	230	237	203	223	7.90	cps
Gadolinium	160-2	577	510	507	531	7.44	cps
Holmium	165-1	10625030	10737407	10634733	10665723	0.58	cps
Holmium	165-2	7881597	7723737	7749128	7784821	1.09	cps
Indium	115-1	7923859	7900582	8010678	7945040	0.73	cps
Indium	115-2	2813263	2745647	2707821	2755577	1.94	cps
Iron	56-2	1212343	1221642	1221269	1218418	0.43	cps
Iron	57-2	42827	43162	43302	43097	0.57	cps
Iron	54-2	68147	69107	67547	68267	1.15	cps
Krypton	83-1	140	153	190	161	16.07	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16LDLX25	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08LDL	Dilution Factor :	25
Date & Time Acquired :	2023-12-07 18:32:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	647	727	680	684	5.87	cps
Lead	207-1	607	573	580	587	3.01	cps
Lead	208-1	3010	2827	2810	2882	3.85	cps
Lithium	6-1	1948673	1933181	1898649	1926834	1.33	cps
Magnesium	24-2	563547	564656	560117	562774	0.42	cps
Manganese	55-2	1486795	1445882	1495815	1476164	1.80	cps
Molybdenum	94-1	367	340	367	358	4.30	cps
Molybdenum	95-1	257	293	260	270	7.51	cps
Molybdenum	96-1	277	320	360	319	13.07	cps
Molybdenum	97-1	127	140	143	137	6.45	cps
Molybdenum	98-1	350	393	430	391	10.24	cps
Neodymium	150-1	173	160	163	166	4.19	cps
Neodymium	150-2	87	100	90	92	7.52	cps
Nickel	60-2	883	843	777	834	6.46	cps
Phosphorus	31-2	293	267	280	280	4.76	cps
Potassium	39-2	102344	102072	102274	102230	0.14	cps
Rhodium	103-1	7219943	7214223	7187572	7207246	0.24	cps
Rhodium	103-2	4515293	4491643	4446359	4484432	0.78	cps
Scandium	45-1	4741048	4843056	4701192	4761766	1.54	cps
Scandium	45-2	425857	423371	418933	422721	0.83	cps
Selenium	82-1	287	285	208	260	17.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	103	130	90	108	18.90	cps
Silicon	28-1	5254514	5362890	5240476	5285960	1.27	cps
Silver	107-1	143	120	447	237	77.06	cps
Silver	109-1	70	70	90	77	15.06	cps
Sodium	23-2	1610523	1605066	1634905	1616831	0.98	cps
Strontium	86-1	140866	144298	144053	143072	1.34	cps
Strontium	88-1	1245211	1259359	1251416	1251995	0.57	cps
Sulfur	34-1	1048506	1061543	1058387	1056145	0.64	cps
Terbium	159-1	10969579	10966726	11050941	10995749	0.43	cps
Terbium	159-2	7779762	7680788	7611125	7690558	1.10	cps
Thallium	203-1	197	187	187	190	3.04	cps
Thallium	205-1	503	440	410	451	10.56	cps
Tin	118-1	1113	1207	1190	1170	4.25	cps
Titanium	47-1	250	170	167	196	24.13	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16LDLX25	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08LDL	Dilution Factor :	25
Date & Time Acquired :	2023-12-07 18:32:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3591	3731	3634	3652	1.96	cps
Vanadium	51-2	130	130	107	122	11.02	cps
Yttrium	89-1	13143438	13219830	13213570	13192279	0.32	cps
Yttrium	89-2	3262063	3246315	3190073	3232817	1.17	cps
Zinc	66-2	10897	10724	10721	10781	0.94	cps
Zirconium	90-1	660	607	650	639	4.44	cps
Zirconium	91-1	113	93	133	113	17.65	cps

LB Number : LB128626 Operator : Jaswal
 Lab Sample ID : O5599-16MSDLX5 Instrumnet Name : P7
 Client Sample ID : LKWD-BACKFILL-08MSI Dilution Factor : 5
 Date & Time Acquired : 2023-12-07 18:35:15 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397797	391785	394205	394596	0.77	cps
Antimony	121-1	716052	724399	729233	723228	0.92	cps
Arsenic	75-2	37133	36842	37370	37115	0.71	cps
Barium	135-1	953467	952474	960689	955543	0.47	cps
Barium	137-1	1704686	1717645	1712058	1711463	0.38	cps
Beryllium	9-1	158212	158078	157296	157862	0.31	cps
Bismuth	209-1	6164161	6408264	6367514	6313313	2.07	cps
Bismuth	209-2	5229868	5274011	5277320	5260399	0.50	cps
Bromine	81-1	8219	7839	7986	8014	2.39	cps
Bromine	81-2	100	147	120	122	19.16	cps
Cadmium	108-1	14487	14537	14674	14566	0.66	cps
Cadmium	106-1	24871	25148	25412	25144	1.08	cps
Cadmium	111-1	201476	202757	205835	203356	1.10	cps
Calcium	43-1	3411445	3402800	3403894	3406047	0.14	cps
Calcium	44-1	53921436	53797766	53795463	53838221	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313539	317821	314047	315136	0.74	cps
Cobalt	59-2	527197	531654	537938	532263	1.01	cps
Copper	63-2	3213526	3161498	3107292	3160772	1.68	cps
Dysprosium	156-1	907	1037	877	940	9.05	cps
Dysprosium	156-2	877	797	900	858	6.32	cps
Erbium	164-1	1400	1530	1463	1465	4.44	cps
Erbium	164-2	1060	1047	1093	1067	2.25	cps
Gadolinium	160-1	1043	1007	1030	1027	1.81	cps
Gadolinium	160-2	1140	1190	1230	1187	3.80	cps
Holmium	165-1	10429024	10558996	10417415	10468478	0.75	cps
Holmium	165-2	7745239	7904587	7829422	7826416	1.02	cps
Indium	115-1	7650530	7807376	7609176	7689027	1.36	cps
Indium	115-2	2708218	2687739	2740649	2712202	0.98	cps
Iron	56-2	22369392	21788847	22099560	22085933	1.32	cps
Iron	57-2	654142	639301	638509	643984	1.37	cps
Iron	54-2	1309766	1290091	1308275	1302711	0.84	cps
Krypton	83-1	163	263	160	196	30.03	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:35:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2959303	2991360	2979315	2976659	0.54	cps
Lead	207-1	2602827	2637688	2673703	2638073	1.34	cps
Lead	208-1	11706942	11824412	12002334	11844563	1.26	cps
Lithium	6-1	1809991	1810805	1815102	1811966	0.15	cps
Magnesium	24-2	6143489	6140249	6278968	6187569	1.28	cps
Manganese	55-2	8898780	8786540	8877808	8854376	0.67	cps
Molybdenum	94-1	1689333	1720984	1696104	1702140	0.98	cps
Molybdenum	95-1	2118615	2136352	2173101	2142689	1.30	cps
Molybdenum	96-1	2350510	2365035	2354662	2356736	0.32	cps
Molybdenum	97-1	1327348	1353254	1351822	1344142	1.08	cps
Molybdenum	98-1	3416777	3404714	3427163	3416218	0.33	cps
Neodymium	150-1	743	813	973	843	13.98	cps
Neodymium	150-2	513	483	557	518	7.12	cps
Nickel	60-2	122905	121524	122357	122262	0.57	cps
Phosphorus	31-2	243	287	250	260	8.97	cps
Potassium	39-2	2077148	2061734	2106733	2081872	1.10	cps
Rhodium	103-1	6791968	6860130	6774932	6809010	0.66	cps
Rhodium	103-2	4398128	4384109	4364020	4382086	0.39	cps
Scandium	45-1	4591112	4652228	4505711	4583017	1.61	cps
Scandium	45-2	408550	410595	416415	411853	0.99	cps
Selenium	82-1	12365	12342	12683	12463	1.53	cps
Selenium	77-2	1113	1137	1197	1149	3.74	cps
Selenium	78-2	3944	4184	3967	4032	3.28	cps
Silicon	28-1	21711976	21472598	21262113	21482229	1.05	cps
Silver	107-1	885620	890045	886687	887451	0.26	cps
Silver	109-1	827181	840102	841575	836286	0.95	cps
Sodium	23-2	12984895	13260243	13269009	13171383	1.23	cps
Strontium	86-1	892870	896163	894694	894575	0.18	cps
Strontium	88-1	7856420	7804032	7817619	7826024	0.35	cps
Sulfur	34-1	3906299	3846208	3819964	3857491	1.15	cps
Terbium	159-1	10807271	10896068	10796718	10833352	0.50	cps
Terbium	159-2	7673089	7572163	7894902	7713385	2.14	cps
Thallium	203-1	726449	728914	732538	729300	0.42	cps
Thallium	205-1	1826640	1835695	1843501	1835278	0.46	cps
Tin	118-1	589210	599903	595755	594956	0.91	cps
Titanium	47-1	369606	374372	378183	374053	1.15	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:35:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2562659	2633484	2673780	2623308	2.14	cps
Vanadium	51-2	282848	279270	277790	279969	0.93	cps
Yttrium	89-1	12850003	12984364	12631621	12821996	1.39	cps
Yttrium	89-2	3204142	3181074	3194442	3193219	0.36	cps
Zinc	66-2	588088	587997	583514	586533	0.45	cps
Zirconium	90-1	1284168	1290726	1289975	1288290	0.28	cps
Zirconium	91-1	285131	287520	287381	286677	0.47	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:38:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401186	404312	403629	403043	0.41	cps
Antimony	121-1	728225	733014	736914	732718	0.59	cps
Arsenic	75-2	37163	36996	38336	37498	1.95	cps
Barium	135-1	965590	974258	977704	972517	0.64	cps
Barium	137-1	1741485	1728976	1751222	1740561	0.64	cps
Beryllium	9-1	157674	156724	158395	157597	0.53	cps
Bismuth	209-1	6351448	6478047	6587955	6472483	1.83	cps
Bismuth	209-2	5168515	5214863	5300171	5227850	1.28	cps
Bromine	81-1	8412	8196	8136	8248	1.77	cps
Bromine	81-2	107	147	113	122	17.53	cps
Cadmium	108-1	14731	14744	15248	14908	1.98	cps
Cadmium	106-1	25676	25706	25830	25737	0.32	cps
Cadmium	111-1	205383	207668	207064	206705	0.57	cps
Calcium	43-1	3491575	3450078	3466909	3469521	0.60	cps
Calcium	44-1	54634306	54841956	55185129	54887130	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322062	317058	315813	318311	1.04	cps
Cobalt	59-2	537930	529410	532621	533320	0.81	cps
Copper	63-2	3220582	3220478	3212236	3217766	0.15	cps
Dysprosium	156-1	1027	1053	1067	1049	1.94	cps
Dysprosium	156-2	963	840	977	927	8.13	cps
Erbium	164-1	1503	1457	1697	1552	8.20	cps
Erbium	164-2	1093	997	993	1028	5.53	cps
Gadolinium	160-1	930	1063	1030	1008	6.89	cps
Gadolinium	160-2	1083	1147	1117	1116	2.84	cps
Holmium	165-1	10588181	10690187	10856454	10711608	1.26	cps
Holmium	165-2	7750787	7762587	7908247	7807207	1.12	cps
Indium	115-1	7845785	7842502	7994899	7894395	1.10	cps
Indium	115-2	2667062	2695041	2800911	2721005	2.59	cps
Iron	56-2	22458804	22782505	22356742	22532684	0.99	cps
Iron	57-2	650195	654993	646587	650591	0.65	cps
Iron	54-2	1316846	1324797	1340850	1327497	0.92	cps
Krypton	83-1	157	180	150	162	9.71	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:38:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2923624	3028842	3009060	2987176	1.87	cps
Lead	207-1	2661215	2689261	2691186	2680554	0.63	cps
Lead	208-1	11899291	12120603	12052090	12023995	0.94	cps
Lithium	6-1	1790856	1757717	1851208	1799927	2.63	cps
Magnesium	24-2	6197363	6194917	6224261	6205514	0.26	cps
Manganese	55-2	9000169	9198337	9126570	9108359	1.10	cps
Molybdenum	94-1	1720634	1725336	1754802	1733591	1.07	cps
Molybdenum	95-1	2163559	2164332	2187098	2171663	0.62	cps
Molybdenum	96-1	2412301	2424742	2388488	2408510	0.76	cps
Molybdenum	97-1	1368986	1381317	1376821	1375708	0.45	cps
Molybdenum	98-1	3435560	3539883	3482282	3485909	1.50	cps
Neodymium	150-1	837	833	863	844	1.95	cps
Neodymium	150-2	543	577	500	540	7.12	cps
Nickel	60-2	123392	124911	125789	124697	0.97	cps
Phosphorus	31-2	323	280	237	280	15.48	cps
Potassium	39-2	2142811	2093614	2116883	2117769	1.16	cps
Rhodium	103-1	6838848	6912256	7133113	6961406	2.20	cps
Rhodium	103-2	4344037	4403637	4492836	4413503	1.70	cps
Scandium	45-1	4705943	4688566	4717378	4703962	0.31	cps
Scandium	45-2	409557	417309	434778	420548	3.07	cps
Selenium	82-1	12608	12852	12664	12708	1.00	cps
Selenium	77-2	1077	1203	1213	1165	6.54	cps
Selenium	78-2	4187	4057	4044	4096	1.93	cps
Silicon	28-1	21762876	21949019	21593386	21768427	0.82	cps
Silver	107-1	899703	902839	904037	902193	0.25	cps
Silver	109-1	850059	852360	856881	853100	0.41	cps
Sodium	23-2	13313771	13188912	13440731	13314472	0.95	cps
Strontium	86-1	910516	916381	913229	913376	0.32	cps
Strontium	88-1	7824699	7893879	7978307	7898962	0.97	cps
Sulfur	34-1	3898670	3920603	3831233	3883502	1.20	cps
Terbium	159-1	10878004	11085096	11341777	11101626	2.09	cps
Terbium	159-2	7688524	7738133	7984938	7803865	2.03	cps
Thallium	203-1	728201	737159	742391	735917	0.98	cps
Thallium	205-1	1834496	1854874	1860275	1849882	0.73	cps
Tin	118-1	602154	608071	607987	606071	0.56	cps
Titanium	47-1	380956	378810	379345	379704	0.29	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08MSI	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:38:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2623860	2628242	2617819	2623307	0.20	cps
Vanadium	51-2	284509	287662	285469	285880	0.57	cps
Yttrium	89-1	13046214	13218721	13433679	13232871	1.47	cps
Yttrium	89-2	3249086	3254107	3283451	3262215	0.57	cps
Zinc	66-2	595990	589278	588027	591098	0.72	cps
Zirconium	90-1	1303744	1313837	1316187	1311256	0.50	cps
Zirconium	91-1	289987	295259	293733	292993	0.93	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16ADLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08ADL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:41:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408675	406363	400135	405058	1.09	cps
Antimony	121-1	724579	732011	736660	731083	0.83	cps
Arsenic	75-2	38931	38847	37865	38548	1.54	cps
Barium	135-1	956203	972510	977786	968833	1.16	cps
Barium	137-1	1726246	1758250	1760594	1748363	1.10	cps
Beryllium	9-1	158579	156441	157185	157402	0.69	cps
Bismuth	209-1	6200831	6352197	6583044	6378691	3.02	cps
Bismuth	209-2	5082478	3734193	4569420	4462030	15.25	cps
Bromine	81-1	8242	8503	8543	8429	1.93	cps
Bromine	81-2	117	103	97	106	9.65	cps
Cadmium	108-1	15031	15018	14631	14893	1.53	cps
Cadmium	106-1	25876	25967	25379	25741	1.23	cps
Cadmium	111-1	203035	205506	203883	204142	0.62	cps
Calcium	43-1	3411270	3430275	3487725	3443090	1.16	cps
Calcium	44-1	54320499	55086228	55128549	54845092	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	318605	328648	320433	322562	1.66	cps
Cobalt	59-2	537254	545894	546688	543279	0.96	cps
Copper	63-2	3229138	3327165	3194621	3250308	2.12	cps
Dysprosium	156-1	1100	1020	1000	1040	5.09	cps
Dysprosium	156-2	950	870	897	906	4.50	cps
Erbium	164-1	1563	1417	1507	1496	4.95	cps
Erbium	164-2	987	1100	1017	1034	5.68	cps
Gadolinium	160-1	1100	1117	1077	1098	1.83	cps
Gadolinium	160-2	1093	1040	1167	1100	5.78	cps
Holmium	165-1	10519707	10649716	11084029	10751151	2.75	cps
Holmium	165-2	7425191	5562469	6765363	6584341	14.34	cps
Indium	115-1	7719929	7792558	8253452	7921979	3.65	cps
Indium	115-2	2614432	1934976	2378932	2309447	14.94	cps
Iron	56-2	22686361	22946702	22564532	22732532	0.86	cps
Iron	57-2	651086	675149	647599	657944	2.28	cps
Iron	54-2	1351866	1353891	1339034	1348264	0.60	cps
Krypton	83-1	157	167	143	156	7.52	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16ADLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08ADL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:41:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2965423	2995023	2980819	2980422	0.50	cps
Lead	207-1	2584664	2701869	2653960	2646831	2.23	cps
Lead	208-1	11787229	11977630	11964668	11909842	0.89	cps
Lithium	6-1	1774656	1793502	1827723	1798627	1.50	cps
Magnesium	24-2	6251003	6342133	6314363	6302499	0.74	cps
Manganese	55-2	9155327	9199234	8960610	9105057	1.39	cps
Molybdenum	94-1	1715066	1744126	1745763	1734985	1.00	cps
Molybdenum	95-1	2152023	2208552	2164267	2174948	1.37	cps
Molybdenum	96-1	2375588	2434950	2383351	2397963	1.35	cps
Molybdenum	97-1	1360434	1378655	1375854	1371648	0.72	cps
Molybdenum	98-1	3490713	3529464	3528133	3516104	0.63	cps
Neodymium	150-1	923	930	783	879	9.42	cps
Neodymium	150-2	610	453	540	534	14.68	cps
Nickel	60-2	128273	126592	125184	126683	1.22	cps
Phosphorus	31-2	257	283	290	277	6.38	cps
Potassium	39-2	2112038	2147089	2116883	2125337	0.89	cps
Rhodium	103-1	6819426	6961137	7264806	7015123	3.24	cps
Rhodium	103-2	4227468	3160872	3893920	3760753	14.51	cps
Scandium	45-1	4580952	4679583	4866740	4709092	3.08	cps
Scandium	45-2	407091	299857	364277	357075	15.12	cps
Selenium	82-1	12281	12788	12524	12531	2.03	cps
Selenium	77-2	1290	1107	1087	1161	9.65	cps
Selenium	78-2	4027	4104	3737	3956	4.89	cps
Silicon	28-1	21438922	21700522	21683858	21607767	0.68	cps
Silver	107-1	898219	905741	903449	902470	0.43	cps
Silver	109-1	840418	861955	854012	852128	1.28	cps
Sodium	23-2	13408289	13556470	13426262	13463674	0.60	cps
Strontium	86-1	901813	908515	902624	904318	0.40	cps
Strontium	88-1	7813258	8000786	7938953	7917666	1.21	cps
Sulfur	34-1	3837747	3873850	3882002	3864533	0.61	cps
Terbium	159-1	10787724	10921417	11334172	11014438	2.59	cps
Terbium	159-2	7579355	5523968	6892793	6665372	15.70	cps
Thallium	203-1	727410	738900	731570	732627	0.79	cps
Thallium	205-1	1823901	1845220	1835179	1834766	0.58	cps
Tin	118-1	597917	604409	608986	603771	0.92	cps
Titanium	47-1	373236	381164	379689	378030	1.12	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5599-16ADLX5	Instrumnet Name :	P7
Client Sample ID :	LKWD-BACKFILL-08ADL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:41:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2598583	2656901	2647855	2634446	1.19	cps
Vanadium	51-2	287355	291418	283643	287472	1.35	cps
Yttrium	89-1	12671724	13103857	13515091	13096891	3.22	cps
Yttrium	89-2	3110193	2367865	2828071	2768710	13.53	cps
Zinc	66-2	595669	608064	588601	597445	1.65	cps
Zirconium	90-1	1293028	1324253	1318885	1312056	1.27	cps
Zirconium	91-1	287866	292817	295555	292079	1.33	cps

LB Number : LB128626 Operator : Jaswal
 Lab Sample ID : O5600-02DLX5 Instrumnet Name : P7
 Client Sample ID : TOPSOIL-LKWD-DENAL Dilution Factor : 5
 Date & Time Acquired : 2023-12-07 18:44:06 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4063611	4077433	4014954	4052000	0.81	cps
Antimony	121-1	1270	1303	1540	1371	10.74	cps
Arsenic	75-2	2360	2337	2617	2438	6.37	cps
Barium	135-1	46957	48602	48261	47940	1.81	cps
Barium	137-1	80513	83245	85562	83106	3.04	cps
Beryllium	9-1	2727	2580	2570	2626	3.34	cps
Bismuth	209-1	6411220	6299230	6477007	6395819	1.41	cps
Bismuth	209-2	5348892	5375406	5501610	5408636	1.51	cps
Bromine	81-1	10200	11218	11568	10995	6.46	cps
Bromine	81-2	707	663	767	712	7.29	cps
Cadmium	108-1	327	367	317	337	7.86	cps
Cadmium	106-1	4951	4848	4591	4796	3.87	cps
Cadmium	111-1	8114	8097	7556	7923	4.01	cps
Calcium	43-1	1598564	1643635	1638372	1626857	1.51	cps
Calcium	44-1	25589352	26031982	26050057	25890464	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31019	30644	30304	30656	1.17	cps
Cobalt	59-2	86541	88211	87259	87337	0.96	cps
Copper	63-2	49321	48197	47401	48306	2.00	cps
Dysprosium	156-1	10738	10801	10888	10809	0.70	cps
Dysprosium	156-2	9293	9226	9467	9329	1.33	cps
Erbium	164-1	12986	13907	14214	13702	4.66	cps
Erbium	164-2	10234	10124	9994	10117	1.19	cps
Gadolinium	160-1	10697	11211	11034	10981	2.38	cps
Gadolinium	160-2	9276	8806	8886	8990	2.80	cps
Holmium	165-1	10637783	10796502	10810989	10748425	0.89	cps
Holmium	165-2	7858855	7955619	8170497	7994990	2.00	cps
Indium	115-1	7878155	7872919	7916152	7889075	0.30	cps
Indium	115-2	2763666	2799182	2789426	2784091	0.66	cps
Iron	56-2	22963554	23013450	23163862	23046955	0.45	cps
Iron	57-2	629651	633156	634479	632429	0.39	cps
Iron	54-2	1357299	1366499	1370348	1364715	0.49	cps
Krypton	83-1	177	193	173	181	5.92	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:44:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	69530	70853	72093	70825	1.81	cps
Lead	207-1	59529	60571	61940	60680	1.99	cps
Lead	208-1	273374	279744	283779	278966	1.88	cps
Lithium	6-1	1767821	1742793	1724783	1745132	1.24	cps
Magnesium	24-2	3922691	3905266	3881505	3903154	0.53	cps
Manganese	55-2	11797126	11881074	11928804	11869001	0.56	cps
Molybdenum	94-1	2917	3230	3057	3068	5.12	cps
Molybdenum	95-1	1070	1163	1110	1115	4.20	cps
Molybdenum	96-1	1610	1567	1397	1525	7.40	cps
Molybdenum	97-1	533	553	557	548	2.30	cps
Molybdenum	98-1	1370	1480	1347	1399	5.09	cps
Neodymium	150-1	12249	12482	12459	12397	1.04	cps
Neodymium	150-2	7665	7609	7412	7562	1.76	cps
Nickel	60-2	18575	18248	17974	18266	1.65	cps
Phosphorus	31-2	9450	9189	9243	9294	1.48	cps
Potassium	39-2	5814993	5820176	5678012	5771061	1.40	cps
Rhodium	103-1	6964523	6923485	6930538	6939515	0.32	cps
Rhodium	103-2	4528259	4584807	4506451	4539839	0.89	cps
Scandium	45-1	4747088	4701375	4700800	4716421	0.56	cps
Scandium	45-2	419052	424599	422418	422023	0.66	cps
Selenium	82-1	292	288	349	310	10.94	cps
Selenium	77-2	17	33	33	28	34.63	cps
Selenium	78-2	140	147	160	149	6.84	cps
Silicon	28-1	28793575	29278416	29452612	29174868	1.17	cps
Silver	107-1	697	673	540	637	13.28	cps
Silver	109-1	533	587	430	517	15.42	cps
Sodium	23-2	1665920	1679192	1638521	1661211	1.25	cps
Strontium	86-1	608075	625726	632873	622225	2.05	cps
Strontium	88-1	5329669	5564083	5493058	5462270	2.20	cps
Sulfur	34-1	3906044	3938359	3949453	3931285	0.57	cps
Terbium	159-1	11045157	10967157	10935330	10982548	0.51	cps
Terbium	159-2	7851997	7728163	7906863	7829008	1.17	cps
Thallium	203-1	1100	953	1040	1031	7.15	cps
Thallium	205-1	2430	2450	2690	2524	5.73	cps
Tin	118-1	1490	1537	1393	1473	4.96	cps
Titanium	47-1	2814	3304	2874	2997	8.92	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:44:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2454	2497	2330	2427	3.56	cps
Vanadium	51-2	50330	49936	49725	49997	0.61	cps
Yttrium	89-1	13611273	13438928	13298030	13449410	1.17	cps
Yttrium	89-2	3366819	3330042	3325657	3340839	0.68	cps
Zinc	66-2	329503	334403	329884	331264	0.82	cps
Zirconium	90-1	6518	6795	7219	6844	5.15	cps
Zirconium	91-1	1403	1480	1580	1488	5.95	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:47:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4880773	4782424	4818035	4827077	1.03	cps
Antimony	121-1	673	773	790	746	8.46	cps
Arsenic	75-2	2290	2590	2387	2422	6.32	cps
Barium	135-1	47733	48689	48435	48286	1.03	cps
Barium	137-1	82272	84338	84767	83793	1.59	cps
Beryllium	9-1	2320	2354	2467	2380	3.23	cps
Bismuth	209-1	6540525	6562107	6551284	6551305	0.16	cps
Bismuth	209-2	5489061	5375053	5446355	5436823	1.06	cps
Bromine	81-1	11084	11364	11728	11392	2.83	cps
Bromine	81-2	800	807	757	788	3.45	cps
Cadmium	108-1	323	340	360	341	5.38	cps
Cadmium	106-1	4884	4744	4784	4804	1.50	cps
Cadmium	111-1	7367	7577	7361	7435	1.66	cps
Calcium	43-1	1316250	1327758	1349771	1331259	1.28	cps
Calcium	44-1	21053718	20861308	21226767	21047265	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35853	36334	36120	36102	0.67	cps
Cobalt	59-2	78896	77870	78678	78481	0.69	cps
Copper	63-2	70016	69370	71118	70168	1.26	cps
Dysprosium	156-1	14931	15769	16009	15570	3.63	cps
Dysprosium	156-2	12746	12993	12909	12883	0.97	cps
Erbium	164-1	20168	20044	20522	20245	1.22	cps
Erbium	164-2	14611	14821	14691	14708	0.72	cps
Gadolinium	160-1	15993	16213	15876	16027	1.07	cps
Gadolinium	160-2	12656	12816	12652	12708	0.74	cps
Holmium	165-1	10733804	10863851	10860515	10819390	0.69	cps
Holmium	165-2	7901842	8012522	8040811	7985058	0.92	cps
Indium	115-1	7928810	8033014	7982856	7981560	0.65	cps
Indium	115-2	2811949	2756354	2752415	2773573	1.20	cps
Iron	56-2	27946843	27475660	27910241	27777582	0.94	cps
Iron	57-2	757784	752758	757157	755900	0.36	cps
Iron	54-2	1570532	1555307	1571515	1565785	0.58	cps
Krypton	83-1	177	197	220	198	10.96	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:47:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91589	94432	94240	93420	1.70	cps
Lead	207-1	77999	79132	79296	78809	0.90	cps
Lead	208-1	361904	367184	369460	366183	1.06	cps
Lithium	6-1	1739118	1732325	1678873	1716772	1.92	cps
Magnesium	24-2	3068504	3067763	3058719	3064995	0.18	cps
Manganese	55-2	9485544	9306552	9437147	9409748	0.98	cps
Molybdenum	94-1	2607	2580	2804	2664	4.58	cps
Molybdenum	95-1	650	610	937	732	24.35	cps
Molybdenum	96-1	1047	1087	1587	1240	24.28	cps
Molybdenum	97-1	197	243	660	367	69.60	cps
Molybdenum	98-1	530	567	1685	927	70.80	cps
Neodymium	150-1	17054	17624	17858	17512	2.36	cps
Neodymium	150-2	10591	10447	10818	10619	1.76	cps
Nickel	60-2	19820	19536	19626	19661	0.74	cps
Phosphorus	31-2	18017	17820	18475	18104	1.85	cps
Potassium	39-2	4600223	4592341	4575294	4589286	0.28	cps
Rhodium	103-1	6964891	6960698	6993507	6973032	0.26	cps
Rhodium	103-2	4642302	4520311	4510486	4557700	1.61	cps
Scandium	45-1	4692308	4660734	4706952	4686665	0.50	cps
Scandium	45-2	423617	423792	423221	423543	0.07	cps
Selenium	82-1	317	319	252	296	13.00	cps
Selenium	77-2	23	63	70	52	48.34	cps
Selenium	78-2	103	130	147	127	17.26	cps
Silicon	28-1	28688103	28713592	28822742	28741479	0.25	cps
Silver	107-1	220	230	250	233	6.55	cps
Silver	109-1	193	183	220	199	9.53	cps
Sodium	23-2	1315733	1302083	1355032	1324283	2.08	cps
Strontium	86-1	507685	515948	521201	514945	1.32	cps
Strontium	88-1	4453913	4556325	4586704	4532314	1.54	cps
Sulfur	34-1	3862406	3835746	3901786	3866646	0.86	cps
Terbium	159-1	11013687	11105206	11243761	11120885	1.04	cps
Terbium	159-2	7975211	7947065	7971081	7964452	0.19	cps
Thallium	203-1	873	927	840	880	4.97	cps
Thallium	205-1	2004	2137	2014	2051	3.62	cps
Tin	118-1	1397	1410	1383	1397	0.95	cps
Titanium	47-1	4914	4968	4867	4916	1.02	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:47:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3537	3557	3777	3624	3.68	cps
Vanadium	51-2	77511	76975	78265	77583	0.84	cps
Yttrium	89-1	13334824	13586902	13634210	13518645	1.19	cps
Yttrium	89-2	3373780	3373699	3363771	3370417	0.17	cps
Zinc	66-2	304937	305753	303383	304691	0.40	cps
Zirconium	90-1	6415	6735	6802	6650	3.11	cps
Zirconium	91-1	1517	1467	1683	1556	7.29	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-06DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:50:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4960261	4874781	4897714	4910919	0.90	cps
Antimony	121-1	570	670	727	656	12.10	cps
Arsenic	75-2	3244	3224	3110	3193	2.25	cps
Barium	135-1	49730	50639	50573	50314	1.01	cps
Barium	137-1	85176	87356	86759	86430	1.30	cps
Beryllium	9-1	2317	2334	2507	2386	4.41	cps
Bismuth	209-1	6417671	6467974	6439358	6441668	0.39	cps
Bismuth	209-2	5465314	5370870	5385480	5407221	0.94	cps
Bromine	81-1	10687	11174	11718	11193	4.61	cps
Bromine	81-2	733	800	653	729	10.08	cps
Cadmium	108-1	313	300	320	311	3.27	cps
Cadmium	106-1	4788	4831	4821	4813	0.47	cps
Cadmium	111-1	7199	7236	7228	7221	0.27	cps
Calcium	43-1	1196813	1219283	1189581	1201892	1.29	cps
Calcium	44-1	19019966	19323572	19254722	19199420	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37690	38395	37066	37717	1.76	cps
Cobalt	59-2	71214	72685	71898	71932	1.02	cps
Copper	63-2	73332	72953	73415	73233	0.34	cps
Dysprosium	156-1	16673	16867	16430	16657	1.32	cps
Dysprosium	156-2	14491	14120	14074	14228	1.61	cps
Erbium	164-1	21720	21744	21904	21789	0.46	cps
Erbium	164-2	15575	15676	15892	15714	1.03	cps
Gadolinium	160-1	17107	17424	17131	17221	1.03	cps
Gadolinium	160-2	13787	13880	13603	13757	1.02	cps
Holmium	165-1	10636429	10764914	10773359	10724901	0.72	cps
Holmium	165-2	7985910	7883999	7949137	7939682	0.65	cps
Indium	115-1	7926193	7994595	7943519	7954769	0.45	cps
Indium	115-2	2761711	2741287	2765789	2756262	0.48	cps
Iron	56-2	26896773	26976645	26622630	26832016	0.69	cps
Iron	57-2	721460	722140	718451	720683	0.27	cps
Iron	54-2	1511754	1499938	1525025	1512239	0.83	cps
Krypton	83-1	217	173	123	171	27.29	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-06DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:50:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	97869	99554	98927	98783	0.86	cps
Lead	207-1	82167	83521	85339	83675	1.90	cps
Lead	208-1	379286	386438	388914	384879	1.30	cps
Lithium	6-1	1710201	1672177	1652902	1678427	1.74	cps
Magnesium	24-2	2989698	2975136	2951492	2972108	0.65	cps
Manganese	55-2	9083884	8998142	8963055	9015027	0.69	cps
Molybdenum	94-1	2654	2404	2750	2602	6.88	cps
Molybdenum	95-1	560	467	453	493	11.78	cps
Molybdenum	96-1	1020	937	1037	998	5.37	cps
Molybdenum	97-1	213	137	163	171	22.75	cps
Molybdenum	98-1	367	530	480	459	18.24	cps
Neodymium	150-1	19173	19801	19664	19546	1.69	cps
Neodymium	150-2	12162	11672	12072	11968	2.18	cps
Nickel	60-2	17824	17998	17604	17808	1.11	cps
Phosphorus	31-2	19666	19292	19212	19390	1.25	cps
Potassium	39-2	4278482	4275161	4255564	4269735	0.29	cps
Rhodium	103-1	6874412	7110936	7093162	7026170	1.87	cps
Rhodium	103-2	4600281	4522733	4489450	4537488	1.25	cps
Scandium	45-1	4611741	4680774	4722788	4671768	1.20	cps
Scandium	45-2	420068	414589	419743	418133	0.74	cps
Selenium	82-1	197	271	346	271	27.44	cps
Selenium	77-2	20	33	27	27	24.99	cps
Selenium	78-2	220	137	130	162	30.91	cps
Silicon	28-1	28879193	29479785	29036146	29131708	1.07	cps
Silver	107-1	190	207	157	184	13.80	cps
Silver	109-1	147	123	103	124	17.43	cps
Sodium	23-2	1277880	1270546	1268468	1272298	0.39	cps
Strontium	86-1	472935	482419	486122	480492	1.42	cps
Strontium	88-1	4148692	4226059	4285560	4220103	1.63	cps
Sulfur	34-1	3787918	3794352	3842233	3808168	0.78	cps
Terbium	159-1	10817805	10920722	11079500	10939342	1.21	cps
Terbium	159-2	7896367	7841087	7945732	7894395	0.66	cps
Thallium	203-1	723	717	753	731	2.67	cps
Thallium	205-1	2050	2064	1897	2004	4.62	cps
Tin	118-1	1680	1610	1707	1666	3.00	cps
Titanium	47-1	4804	4918	5108	4943	3.10	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	O5600-06DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-LKWD-DENAL	Dilution Factor :	5
Date & Time Acquired :	2023-12-07 18:50:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3817	3821	3957	3865	2.07	cps
Vanadium	51-2	79953	79575	79374	79634	0.37	cps
Yttrium	89-1	13378203	13644057	13662788	13561683	1.17	cps
Yttrium	89-2	3389137	3351870	3395804	3378937	0.70	cps
Zinc	66-2	274195	270700	271005	271967	0.71	cps
Zirconium	90-1	6331	6945	6728	6668	4.67	cps
Zirconium	91-1	1440	1517	1420	1459	3.50	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537TB	Instrumnet Name :	P7
Client Sample ID :	PB157537TB	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:53:28	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1157	1053	970	1060	8.82	cps
Antimony	121-1	123	73	150	116	33.68	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	43	60	63	56	19.29	cps
Barium	137-1	73	73	53	67	17.32	cps
Beryllium	9-1	100	137	107	114	17.07	cps
Bismuth	209-1	6494572	6504624	6685730	6561642	1.64	cps
Bismuth	209-2	5490351	5553308	4867344	5303668	7.15	cps
Bromine	81-1	8949	8859	8486	8765	2.80	cps
Bromine	81-2	107	147	143	132	16.79	cps
Cadmium	108-1	10	7	0	6	91.64	cps
Cadmium	106-1	4494	4491	4371	4452	1.58	cps
Cadmium	111-1	3149	3159	3079	3129	1.38	cps
Calcium	43-1	993	840	677	837	18.93	cps
Calcium	44-1	15218	14727	14090	14678	3.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1327	1370	1247	1315	4.76	cps
Cobalt	59-2	33	73	73	60	38.49	cps
Copper	63-2	3564	3520	3751	3612	3.38	cps
Dysprosium	156-1	7	23	3	11	96.43	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	133	53	57	81	55.80	cps
Erbium	164-2	80	67	50	66	22.93	cps
Gadolinium	160-1	30	47	47	41	23.41	cps
Gadolinium	160-2	310	400	287	332	18.01	cps
Holmium	165-1	10632769	10668646	10729724	10677046	0.46	cps
Holmium	165-2	7968277	8016335	6917124	7633912	8.14	cps
Indium	115-1	8080850	8172798	8303520	8185722	1.37	cps
Indium	115-2	2894707	2856806	2486042	2745852	8.22	cps
Iron	56-2	12455	11468	11685	11869	4.37	cps
Iron	57-2	853	763	717	778	8.93	cps
Iron	54-2	1427	1477	1470	1458	1.86	cps
Krypton	83-1	130	150	210	163	25.49	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537TB	Instrumnet Name :	P7
Client Sample ID :	PB157537TB	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:53:28	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	660	660	693	671	2.87	cps
Lead	207-1	570	517	483	523	8.35	cps
Lead	208-1	2710	2750	2760	2740	0.97	cps
Lithium	6-1	1798323	1811491	1767617	1792477	1.26	cps
Magnesium	24-2	1193	927	1090	1070	12.57	cps
Manganese	55-2	2037	1837	1793	1889	6.87	cps
Molybdenum	94-1	217	237	260	238	9.12	cps
Molybdenum	95-1	110	80	113	101	18.16	cps
Molybdenum	96-1	143	137	133	138	3.70	cps
Molybdenum	97-1	53	50	73	59	21.43	cps
Molybdenum	98-1	153	113	187	151	24.30	cps
Neodymium	150-1	20	3	17	13	66.16	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	93	107	77	92	16.30	cps
Phosphorus	31-2	297	267	290	284	5.54	cps
Potassium	39-2	54949	55374	54454	54925	0.84	cps
Rhodium	103-1	7320335	7499891	7463906	7428044	1.28	cps
Rhodium	103-2	4751572	4817734	4197659	4588988	7.42	cps
Scandium	45-1	4836820	4884033	4798506	4839786	0.89	cps
Scandium	45-2	432354	435680	381379	416471	7.31	cps
Selenium	82-1	245	304	212	254	18.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	140	140	132	10.19	cps
Silicon	28-1	638816	645767	646221	643601	0.64	cps
Silver	107-1	160	173	123	152	17.01	cps
Silver	109-1	93	77	97	89	12.05	cps
Sodium	23-2	24393	23909	23438	23913	2.00	cps
Strontium	86-1	457	460	460	459	0.42	cps
Strontium	88-1	1640	1500	1320	1487	10.79	cps
Sulfur	34-1	242905	245521	246608	245011	0.78	cps
Terbium	159-1	10929097	11108717	11020597	11019470	0.82	cps
Terbium	159-2	7847040	7954144	6931135	7577439	7.42	cps
Thallium	203-1	193	170	190	184	6.84	cps
Thallium	205-1	387	393	453	411	8.93	cps
Tin	118-1	1113	1090	1167	1123	3.50	cps
Titanium	47-1	113	87	83	94	17.41	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	PB157537TB	Instrumnet Name :	P7
Client Sample ID :	PB157537TB	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 18:53:28	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	33	43	39	13.09	cps
Vanadium	51-2	20	33	20	24	31.49	cps
Yttrium	89-1	13218591	13425251	13483645	13375829	1.04	cps
Yttrium	89-2	3350126	3365564	2956791	3224161	7.19	cps
Zinc	66-2	430	513	463	469	8.95	cps
Zirconium	90-1	493	437	490	473	6.72	cps
Zirconium	91-1	73	113	93	93	21.43	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:01:52	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10145383	10135945	10122559	10134629	0.11	cps
Antimony	121-1	3606294	3597095	3653984	3619124	0.84	cps
Arsenic	75-2	187292	188319	186060	187224	0.60	cps
Barium	135-1	4894786	4960765	5005612	4953721	1.13	cps
Barium	137-1	8506527	8657981	8692657	8619055	1.15	cps
Beryllium	9-1	799563	797222	803361	800048	0.39	cps
Bismuth	209-1	5809233	5828484	5985573	5874430	1.65	cps
Bismuth	209-2	4726363	4780933	4876314	4794537	1.58	cps
Bromine	81-1	8676	9256	9443	9125	4.38	cps
Bromine	81-2	143	197	173	171	15.62	cps
Cadmium	108-1	73425	74617	74429	74157	0.86	cps
Cadmium	106-1	107561	106624	107366	107184	0.46	cps
Cadmium	111-1	984177	984347	980951	983158	0.19	cps
Calcium	43-1	5649735	5607887	5679331	5645651	0.64	cps
Calcium	44-1	89372585	89163315	89209702	89248534	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1608039	1619161	1609436	1612212	0.38	cps
Cobalt	59-2	2521290	2527724	2526901	2525305	0.14	cps
Copper	63-2	16543408	16624535	16778214	16648719	0.72	cps
Dysprosium	156-1	987	940	917	948	3.76	cps
Dysprosium	156-2	933	910	887	910	2.56	cps
Erbium	164-1	210	263	250	241	11.51	cps
Erbium	164-2	173	163	207	181	12.53	cps
Gadolinium	160-1	1020	983	1043	1016	2.98	cps
Gadolinium	160-2	1080	1030	1093	1068	3.13	cps
Holmium	165-1	10310204	10405367	10510309	10408627	0.96	cps
Holmium	165-2	7565094	7499708	7572090	7545631	0.53	cps
Indium	115-1	7365320	7482141	7497637	7448366	0.97	cps
Indium	115-2	2563787	2578861	2546700	2563116	0.63	cps
Iron	56-2	349467648	348742168	351624995	349944937	0.43	cps
Iron	57-2	8759287	8687554	8625268	8690703	0.77	cps
Iron	54-2	19462143	19490333	19512072	19488182	0.13	cps
Krypton	83-1	190	143	157	163	14.71	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:01:52	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15267436	15425064	15423226	15371909	0.59	cps
Lead	207-1	13559339	13758305	13761999	13693215	0.85	cps
Lead	208-1	61054511	61927733	62169895	61717380	0.95	cps
Lithium	6-1	1810645	1836937	1867514	1838365	1.55	cps
Magnesium	24-2	98686019	97627032	97587929	97966993	0.64	cps
Manganese	55-2	11616525	11579674	11693183	11629794	0.50	cps
Molybdenum	94-1	13613775	13831929	13598920	13681541	0.95	cps
Molybdenum	95-1	19847814	19602177	19714793	19721595	0.62	cps
Molybdenum	96-1	21469111	21508435	21318744	21432096	0.47	cps
Molybdenum	97-1	12384118	12401892	12426772	12404261	0.17	cps
Molybdenum	98-1	31825113	31809027	32200630	31944923	0.69	cps
Neodymium	150-1	613	593	573	593	3.37	cps
Neodymium	150-2	143	207	210	187	20.12	cps
Nickel	60-2	619520	624856	621229	621868	0.44	cps
Phosphorus	31-2	106551	106161	105665	106126	0.42	cps
Potassium	39-2	47319726	47392374	47844058	47518719	0.60	cps
Rhodium	103-1	6448630	6525371	6605991	6526664	1.21	cps
Rhodium	103-2	4063211	4025700	4018401	4035771	0.60	cps
Scandium	45-1	4659375	4605939	4795535	4686949	2.09	cps
Scandium	45-2	410923	402670	414564	409386	1.49	cps
Selenium	82-1	61602	61970	61711	61761	0.31	cps
Selenium	77-2	5855	5775	5694	5775	1.39	cps
Selenium	78-2	19353	18979	19596	19309	1.61	cps
Silicon	28-1	32984873	33067490	32830970	32961111	0.36	cps
Silver	107-1	4773236	4707993	4757998	4746409	0.72	cps
Silver	109-1	4507882	4485761	4532091	4508578	0.51	cps
Sodium	23-2	155205354	156300921	157310494	156272257	0.67	cps
Strontium	86-1	31813420	32051303	31726022	31863581	0.53	cps
Strontium	88-1	280127836	279248736	279580176	279652249	0.16	cps
Sulfur	34-1	598774	585737	585846	590119	1.27	cps
Terbium	159-1	10624139	10610206	11005463	10746603	2.09	cps
Terbium	159-2	7497074	7384506	7669090	7516890	1.91	cps
Thallium	203-1	3821937	3834514	3781332	3812594	0.73	cps
Thallium	205-1	8826015	8939424	9084872	8950104	1.45	cps
Tin	118-1	3150617	3195847	3178390	3174951	0.72	cps
Titanium	47-1	5069537	4935012	4962965	4989171	1.42	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:01:52	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12922236	12934716	13147049	13001333	0.97	cps
Vanadium	51-2	1416166	1428192	1417580	1420646	0.46	cps
Yttrium	89-1	12615172	13020375	13140830	12925459	2.13	cps
Yttrium	89-2	3162930	3072112	3189633	3141558	1.96	cps
Zinc	66-2	2773560	2779840	2763840	2772413	0.29	cps
Zirconium	90-1	6720603	6685182	6686532	6697439	0.30	cps
Zirconium	91-1	1507503	1505575	1495096	1502724	0.44	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:08:46	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	303	347	301	15.51	cps
Antimony	121-1	1047	1053	1230	1110	9.37	cps
Arsenic	75-2	7	13	10	10	33.30	cps
Barium	135-1	313	70	67	150	94.32	cps
Barium	137-1	433	137	123	231	75.85	cps
Beryllium	9-1	130	187	123	147	23.73	cps
Bismuth	209-1	6564209	6575697	6585687	6575197	0.16	cps
Bismuth	209-2	5529540	5423378	5428706	5460541	1.10	cps
Bromine	81-1	8519	8432	8352	8435	0.99	cps
Bromine	81-2	100	83	90	91	9.21	cps
Cadmium	108-1	10	10	3	8	49.52	cps
Cadmium	106-1	4077	4184	4221	4161	1.79	cps
Cadmium	111-1	2980	2942	2982	2968	0.77	cps
Calcium	43-1	563	523	460	516	10.11	cps
Calcium	44-1	8302	8156	8006	8155	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1277	1400	1277	1318	5.40	cps
Cobalt	59-2	97	93	97	96	2.02	cps
Copper	63-2	2877	2994	3150	3007	4.56	cps
Dysprosium	156-1	3	10	10	8	49.52	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	140	90	103	111	23.30	cps
Erbium	164-2	70	37	43	50	35.28	cps
Gadolinium	160-1	33	27	33	31	12.36	cps
Gadolinium	160-2	430	350	453	411	13.18	cps
Holmium	165-1	10543288	10846618	10780393	10723433	1.49	cps
Holmium	165-2	7849209	7829174	7828717	7835700	0.15	cps
Indium	115-1	8247986	8239118	8237926	8241677	0.07	cps
Indium	115-2	2884566	2872929	2852754	2870083	0.56	cps
Iron	56-2	11678	11595	12412	11895	3.78	cps
Iron	57-2	820	823	823	822	0.23	cps
Iron	54-2	1537	1447	1590	1525	4.75	cps
Krypton	83-1	140	137	157	144	7.42	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:08:46	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1194	790	837	940	23.48	cps
Lead	207-1	863	863	717	814	10.40	cps
Lead	208-1	4804	3754	3537	4032	16.81	cps
Lithium	6-1	1963640	1960994	1952209	1958948	0.31	cps
Magnesium	24-2	1533	1637	1727	1632	5.93	cps
Manganese	55-2	397	320	347	354	10.98	cps
Molybdenum	94-1	640	607	557	601	6.98	cps
Molybdenum	95-1	597	397	417	470	23.44	cps
Molybdenum	96-1	530	490	430	483	10.41	cps
Molybdenum	97-1	297	253	277	276	7.87	cps
Molybdenum	98-1	740	723	673	712	4.87	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	113	87	100	100	13.33	cps
Phosphorus	31-2	257	243	270	257	5.20	cps
Potassium	39-2	55049	55718	56431	55733	1.24	cps
Rhodium	103-1	7469064	7474065	7391357	7444829	0.62	cps
Rhodium	103-2	4715131	4707078	4741431	4721213	0.38	cps
Scandium	45-1	4920904	4887859	4941995	4916919	0.55	cps
Scandium	45-2	438417	433559	438564	436847	0.65	cps
Selenium	82-1	293	250	304	282	10.16	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	137	153	137	142	6.77	cps
Silicon	28-1	641228	644486	635857	640524	0.68	cps
Silver	107-1	207	260	220	229	12.13	cps
Silver	109-1	443	200	157	267	57.96	cps
Sodium	23-2	30153	29231	29305	29563	1.73	cps
Strontium	86-1	620	590	517	576	9.24	cps
Strontium	88-1	3261	2610	2694	2855	12.40	cps
Sulfur	34-1	250066	252377	252270	251571	0.52	cps
Terbium	159-1	11021479	11034229	11034192	11029967	0.07	cps
Terbium	159-2	7863826	7863169	7841369	7856121	0.16	cps
Thallium	203-1	323	273	247	281	13.85	cps
Thallium	205-1	763	577	527	622	20.05	cps
Tin	118-1	1507	1087	1273	1289	16.33	cps
Titanium	47-1	167	157	177	167	6.00	cps

LB Number :	LB128626	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2023-12-07 19:08:46	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	153	87	120	120	27.78	cps
Vanadium	51-2	40	30	17	29	40.51	cps
Yttrium	89-1	13424419	13402298	13553270	13459996	0.61	cps
Yttrium	89-2	3357152	3342366	3372313	3357277	0.45	cps
Zinc	66-2	343	463	390	399	15.17	cps
Zirconium	90-1	967	1097	1020	1028	6.36	cps
Zirconium	91-1	220	197	210	209	5.60	cps