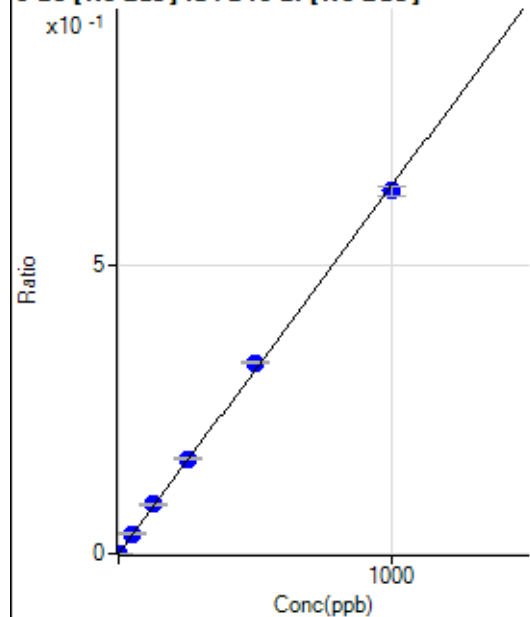


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111623-MS2.b\
 Analysis File: P7111623-MS2.batch.bin
 DA Date-Time: 2023-11-16 15:23:51
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-16 11:53:57
2	006CALS.d	S02	2023-11-16 12:00:30
3	007CALS.d	S03	2023-11-16 12:03:46
4	008CALS.d	S04	2023-11-16 12:06:56
5	009CALS.d	S05	2023-11-16 12:09:54
6	010CALS.d	S06	2023-11-16 12:12:52
7	011CALS.d	S07	2023-11-16 12:15:45
8	012CALS.d	S08	2023-11-16 12:18:35

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0001	P	10.6
2	☐	1.000	0.960	953.37	0.0007	P	3.7
3	☐	50.000	54.633	46959.54	0.0348	P	1.3
4	☐	125.000	133.375	113116.21	0.0848	P	2.4
5	☐	250.000	258.229	219119.93	0.1641	P	2.3
6	☐	500.000	519.640	420401.75	0.3302	P	1.4
7	☐	1000.000	986.845	793563.80	0.6269	P	2.8
8	☐			521.12	0.0005	P	13.1

$$y = 6.3519\text{E-}004 * x + 8.7486\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.0439$$

$$BEC = 0.1377$$

Weight: <None>

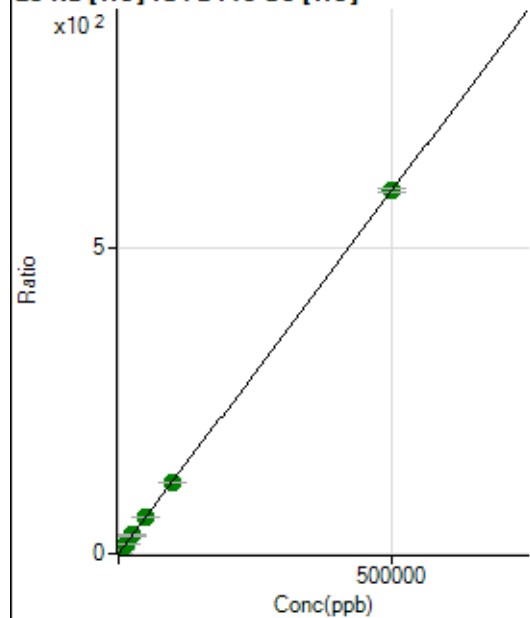
Min Conc: 0

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	9404.05	0.0402	P	0.4
2	☐	500.000	473.720	139862.49	0.6012	P	0.6
3	☐	5000.000	5078.206	1391736.34	6.0543	A	1.9
4	☐	12500.000	12577.723	3313362.55	14.9360	A	1.0
5	☐	25000.000	25378.413	6520261.92	30.0960	A	2.4
6	☐	50000.000	50331.844	12577008.15	59.6485	A	3.4
7	☐	100000.00	98655.448	24640499.36	116.8784	A	1.1
8	☐	500000.00	500214.10	115242198.2	592.4466	A	1.1

$$y = 0.0012 * x + 0.0402$$

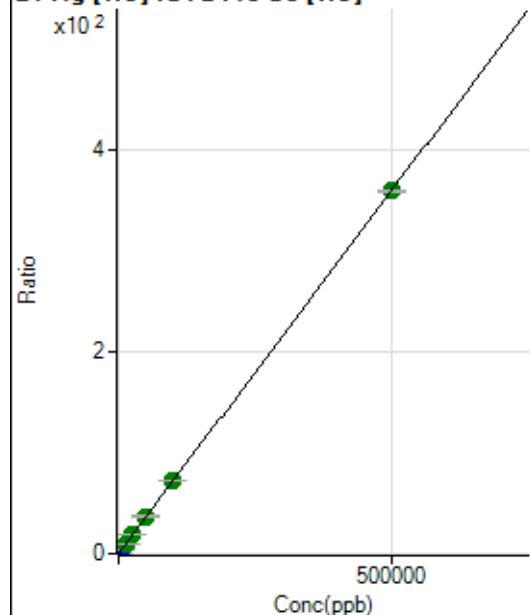
$$R = 1.0000$$

$$DL = 0.3942$$

$$BEC = 33.92$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	452.23	0.0019	P	11.0
2	☐	500.000	483.458	81241.78	0.3492	P	0.7
3	☐	5000.000	5250.675	867549.80	3.7738	P	1.1
4	☐	12500.000	12850.220	2048107.35	9.2330	A	0.9
5	☐	25000.000	25653.652	3993711.36	18.4304	A	0.8
6	☐	50000.000	50899.565	7709681.83	36.5660	A	3.6
7	☐	100000.00	100019.11	15147582.83	71.8514	A	0.8
8	☐	500000.00	499862.29	69848742.85	359.0819	A	0.5

$$y = 7.1836\text{E-}004 * x + 0.0019$$

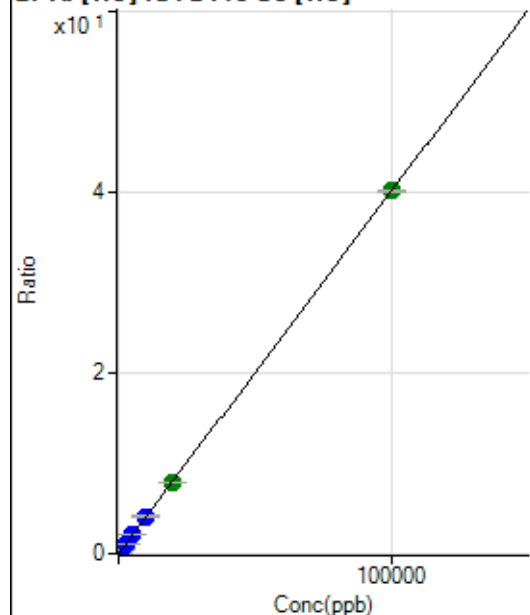
$$R = 1.0000$$

$$DL = 0.8847$$

$$BEC = 2.689$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0004	P	8.2
2	☐	20.000	21.162	2072.38	0.0089	P	2.0
3	☐	1000.000	1038.403	96026.78	0.4177	P	0.4
4	☐	2500.000	2565.428	228782.99	1.0313	P	0.4
5	☐	5000.000	5116.724	445580.66	2.0566	P	1.9
6	☐	10000.000	10157.133	860690.43	4.0821	P	3.6
7	☐	20000.000	19673.647	1666801.07	7.9064	A	1.1
8	☐	100000.00	100041.70	7820268.08	40.2029	A	0.7

$$y = 4.0186\text{E-}004 * x + 4.0351\text{E-}004$$

$$R = 1.0000$$

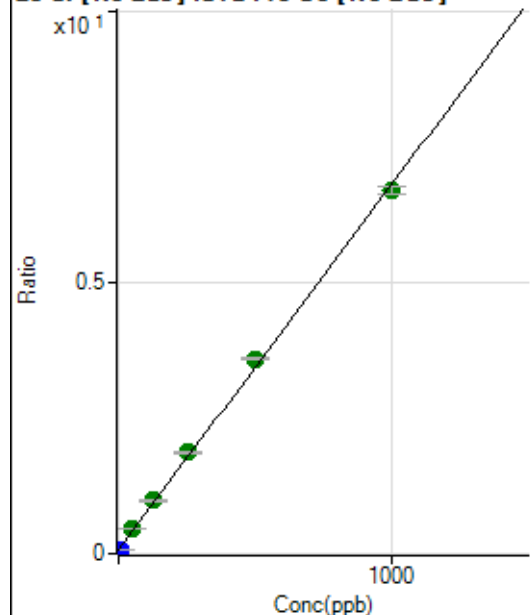
$$DL = 0.2481$$

$$BEC = 1.004$$

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	238896.29	0.0733	P	0.6
2	☐	10.000	0.599	254636.96	0.0774	P	0.7
3	☐	50.000	56.277	1470767.77	0.4526	A	0.5
4	☐	125.000	134.186	3061249.36	0.9777	A	0.4
5	☐	250.000	266.280	5727382.76	1.8679	A	1.1
6	☐	500.000	523.005	10618853.38	3.5980	A	1.1
7	☐	1000.000	983.059	19601061.65	6.6985	A	2.1
8	☐			471864.57	0.1710	P	6.6

$$y = 0.0067 * x + 0.0733$$

$$R = 0.9993$$

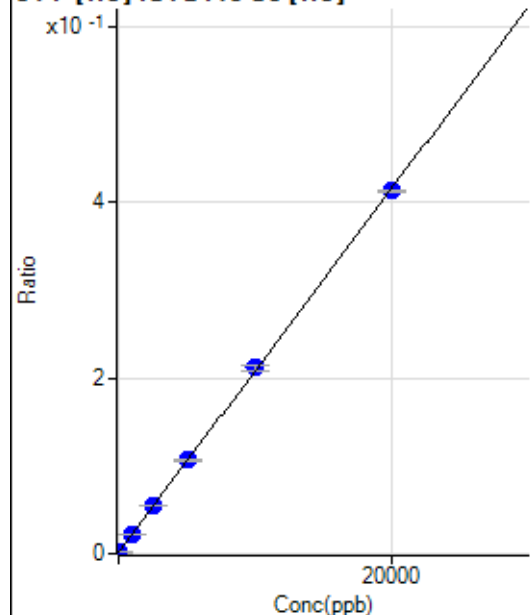
$$DL = 0.1983$$

$$BEC = 10.88$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.616	235.56	0.0010	P	18.5
2	☐	0.000	13.616	365.56	0.0016	P	2.9
3	☐	1000.000	1013.680	5123.13	0.0223	P	3.0
4	☐	2500.000	2579.039	12138.23	0.0547	P	1.3
5	☐	5000.000	5074.059	23049.68	0.1064	P	3.1
6	☐	10000.000	10170.250	44698.44	0.2120	P	3.0
7	☐	20000.000	19885.796	87118.20	0.4132	P	0.5
8	☐			255.56	0.0013	P	1.3

$$y = 2.0716E-005 * x + 0.0013$$

$$R = 0.9999$$

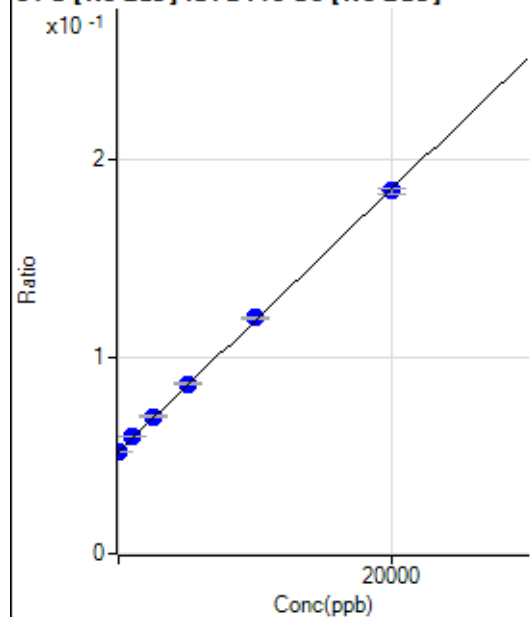
$$DL = 16.72$$

$$BEC = 62.24$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	30.942	169614.83	0.0521	P	0.3
2	☐	0.000	-30.942	169989.17	0.0517	P	1.0
3	☐	1000.000	1159.416	193686.32	0.0596	P	0.7
4	☐	2500.000	2685.607	218544.30	0.0698	P	0.2
5	☐	5000.000	5141.320	264280.83	0.0862	P	1.0
6	☐	10000.000	10192.677	353868.27	0.1199	P	1.0
7	☐	20000.000	19837.160	539256.56	0.1843	P	1.9
8	☐			148303.50	0.0537	P	2.8

$$y = 6.6758\text{E-}006 * x + 0.0519$$

$$R = 0.9999$$

$$DL = 147.7$$

$$BEC = 7769$$

Weight: <None>

Min Conc: 0

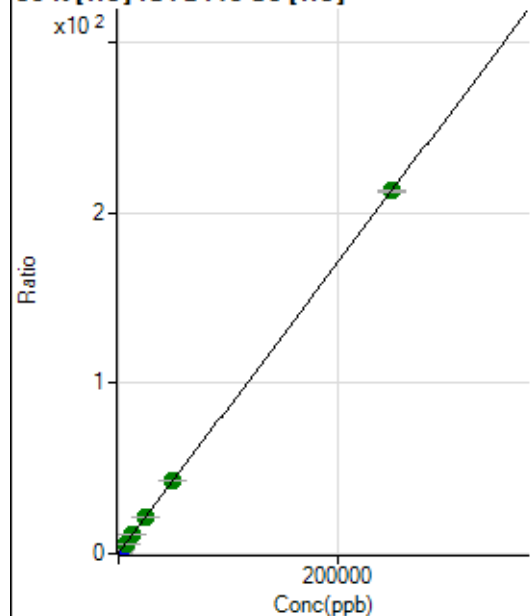
35 Cl [No Gas] No available calibration points



	R _j 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	46925.46	0.2005	P	1.6
2	☐	500.000	482.055	141997.02	0.6104	P	0.3
3	☐	2500.000	2671.086	568212.29	2.4717	P	1.1
4	☐	6250.000	6350.615	1242277.49	5.6004	A	1.7
5	☐	12500.000	12674.963	2378355.83	10.9780	A	2.3
6	☐	25000.000	25176.015	4556222.74	21.6076	A	3.2
7	☐	50000.000	49837.193	8976161.74	42.5769	A	0.7
8	☐	250000.00	250002.02	41389152.16	212.7765	A	0.3

$$y = 8.5030\text{E-}004 * x + 0.2005$$

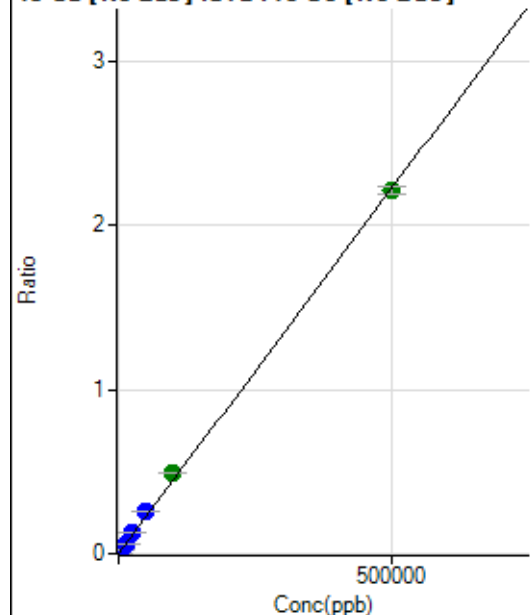
$$R = 1.0000$$

$$DL = 11.32$$

$$BEC = 235.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	528.90	0.0002	P	11.0
2	☐	500.000	479.176	7541.94	0.0023	P	2.4
3	☐	5000.000	5767.402	83812.80	0.0258	P	0.5
4	☐	12500.000	14382.319	200639.93	0.0641	P	0.5
5	☐	25000.000	28653.140	390950.52	0.1275	P	0.6
6	☐	50000.000	57123.465	749718.34	0.2540	P	0.5
7	☐	100000.00	110607.52	1438857.30	0.4917	A	1.6
8	☐	500000.00	496928.78	6098636.78	2.2086	A	2.1

$$y = 4.4442\text{E-}006 * x + 1.6243\text{E-}004$$

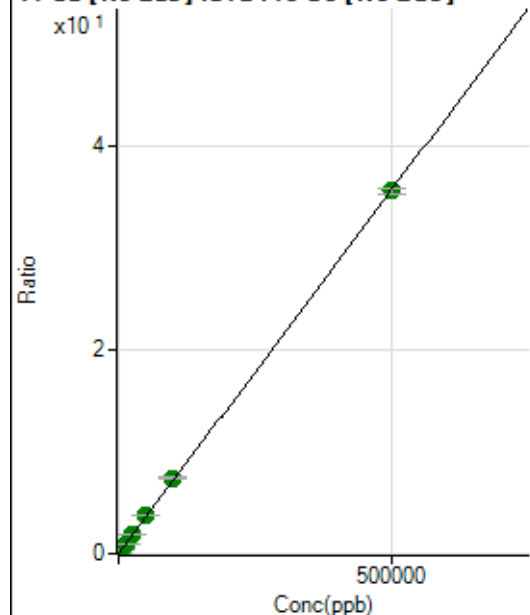
$$R = 0.9997$$

$$DL = 12.08$$

$$BEC = 36.55$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10148.09	0.0031	P	2.5
2	☐	500.000	473.447	121296.82	0.0369	P	1.1
3	☐	5000.000	5279.105	1232802.84	0.3794	A	1.2
4	☐	12500.000	13133.514	2941033.81	0.9393	A	0.6
5	☐	25000.000	26250.304	5746649.85	1.8743	A	1.3
6	☐	50000.000	52798.199	11115818.58	3.7666	A	0.7
7	☐	100000.00	103300.23	21552481.90	7.3665	A	2.5
8	☐	500000.00	498979.01	98237699.65	35.5708	A	1.5

$$y = 7.1281\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

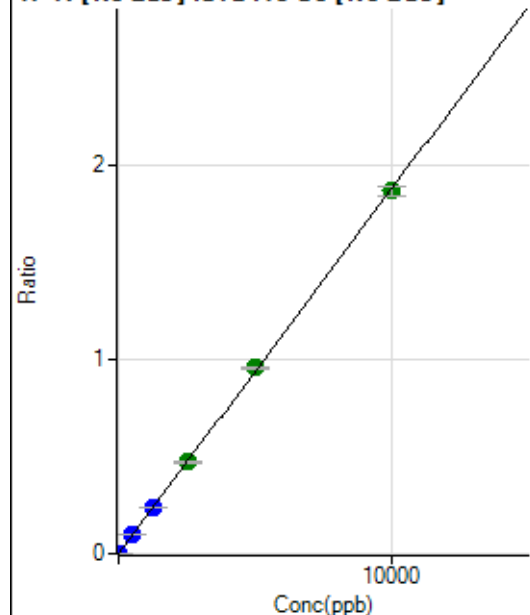
$$DL = 3.216$$

$$BEC = 43.71$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	92.22	0.0000	P	14.7
2	☐	5.000	4.891	3117.02	0.0009	P	3.8
3	☐	500.000	509.496	311065.04	0.0957	P	0.8
4	☐	1250.000	1270.811	747513.94	0.2387	P	0.6
5	☐	2500.000	2506.787	1443878.17	0.4709	A	1.9
6	☐	5000.000	5092.397	2823025.97	0.9566	A	0.9
7	☐	10000.000	9949.029	5467468.88	1.8689	A	2.9
8	☐			1063.38	0.0004	P	4.1

$$y = 1.8784\text{E-}004 * x + 2.8316\text{E-}005$$

$$R = 0.9999$$

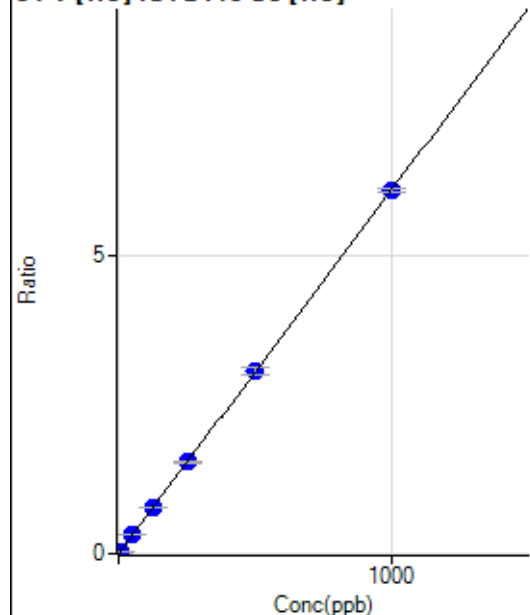
$$DL = 0.06631$$

$$BEC = 0.1507$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.45	0.0001	P	27.9
2	☐	5.000	4.785	6811.59	0.0293	P	2.3
3	☐	50.000	50.754	71172.23	0.3096	P	0.6
4	☐	125.000	126.044	170515.81	0.7687	P	0.9
5	☐	250.000	251.700	332556.64	1.5349	P	2.0
6	☐	500.000	503.406	647193.52	3.0697	P	3.8
7	☐	1000.000	997.705	1282590.09	6.0839	P	0.9
8	☐			326.67	0.0017	P	9.0

$$y = 0.0061 * x + 1.0432\text{E-}004$$

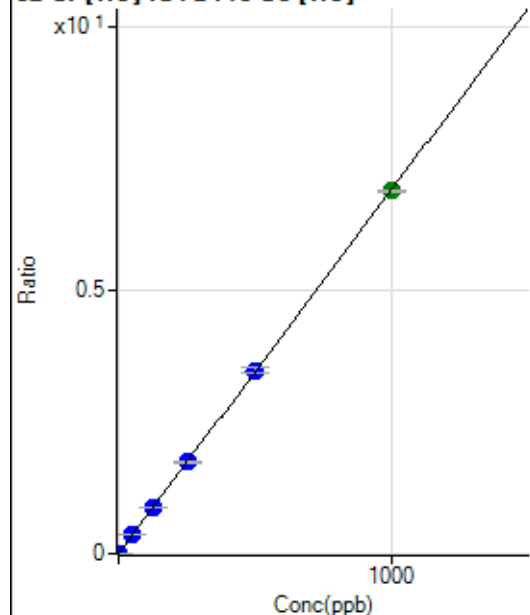
$$R = 1.0000$$

$$DL = 0.01434$$

$$BEC = 0.01711$$

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	795.59	0.0034	P	6.6
2	☐	2.000	1.882	3816.08	0.0164	P	0.7
3	☐	50.000	51.490	82572.11	0.3592	P	1.4
4	☐	125.000	127.308	195895.65	0.8831	P	0.9
5	☐	250.000	252.549	378836.60	1.7485	P	1.9
6	☐	500.000	504.245	735367.17	3.4878	P	3.6
7	☐	1000.000	996.877	1452994.06	6.8919	A	0.8
8	☐			4223.96	0.0217	P	5.4

$$y = 0.0069 * x + 0.0034$$

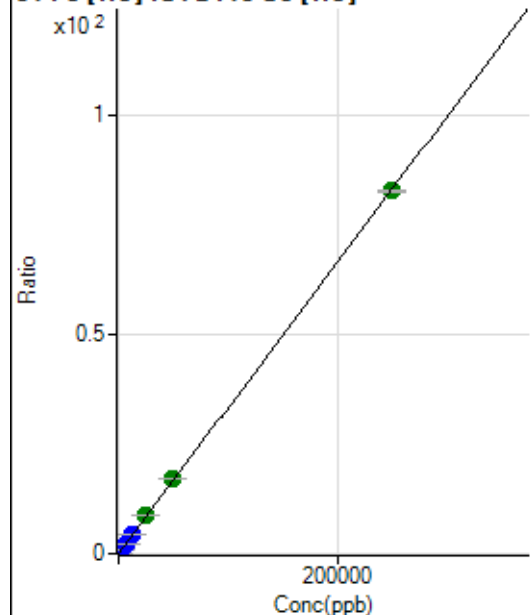
$$R = 1.0000$$

$$DL = 0.09717$$

$$BEC = 0.4917$$

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	1163.39	0.0050	P	3.5
2	☐	50.000	51.247	5116.47	0.0220	P	1.7
3	☐	2500.000	2794.847	214566.27	0.9333	P	0.9
4	☐	6250.000	6886.254	508529.94	2.2924	P	0.5
5	☐	12500.000	13727.107	989091.92	4.5647	P	1.2
6	☐	25000.000	26570.184	1862015.10	8.8308	A	3.5
7	☐	50000.000	51751.191	3625075.33	17.1953	A	1.0
8	☐	250000.00	249412.53	16116398.51	82.8528	A	0.3

$$y = 3.3217E-004 * x + 0.0050$$

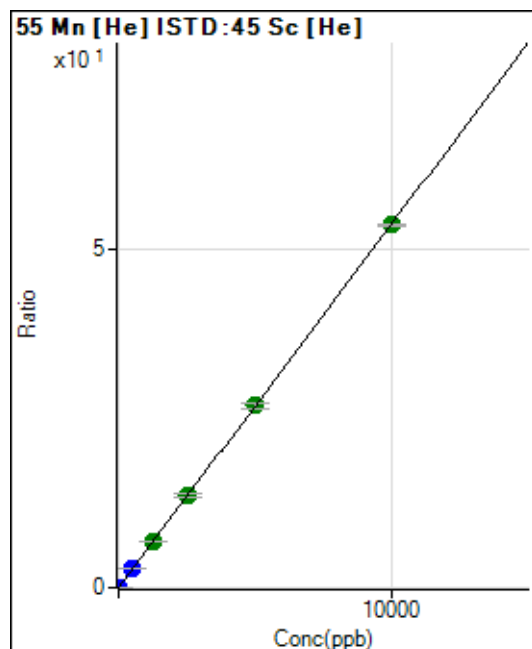
$$R = 1.0000$$

$$DL = 1.577$$

$$BEC = 14.96$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0008	P	17.7
2	☐	1.000	0.981	1416.75	0.0061	P	2.2
3	☐	500.000	517.024	638135.56	2.7757	P	0.2
4	☐	1250.000	1276.688	1520173.43	6.8529	A	0.6
5	☐	2500.000	2544.851	2959026.97	13.6592	A	2.9
6	☐	5000.000	5006.865	5666712.63	26.8729	A	3.0
7	☐	10000.000	9981.167	11293628.72	53.5702	A	0.6
8	☐			5323.21	0.0274	P	2.5

$$y = 0.0054 * x + 8.2560E-004$$

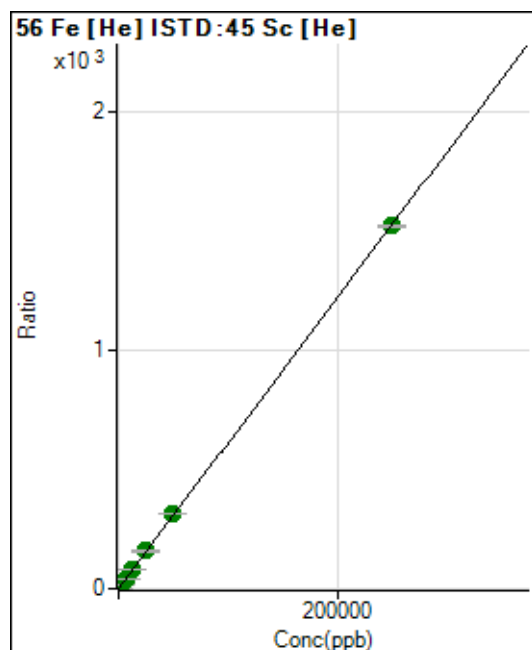
$$R = 1.0000$$

$$DL = 0.08167$$

$$BEC = 0.1538$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8329.04	0.0356	P	2.6
2	☐	50.000	50.301	79691.72	0.3426	P	1.1
3	☐	2500.000	2624.183	3690050.36	16.0506	A	0.6
4	☐	6250.000	6549.406	8874439.80	40.0056	A	0.7
5	☐	12500.000	13096.415	17324767.10	79.9610	A	2.1
6	☐	25000.000	25884.125	33314591.45	158.0025	A	3.4
7	☐	50000.000	51042.091	65679004.02	311.5377	A	0.1
8	☐	250000.00	249664.62	296388266.7	1,523.700	A	0.3

$$y = 0.0061 * x + 0.0356$$

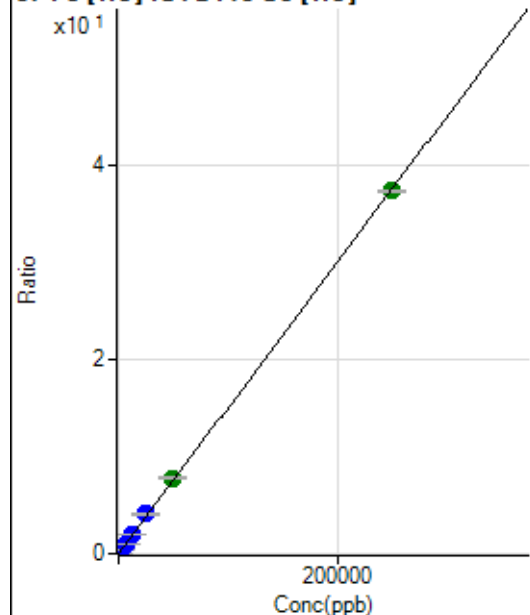
$$R = 1.0000$$

$$DL = 0.4523$$

$$BEC = 5.832$$

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	412.23	0.0018	P	14.2
2	☐	50.000	55.499	2346.87	0.0101	P	4.7
3	☐	2500.000	2800.860	97025.06	0.4220	P	0.1
4	☐	6250.000	6886.552	229612.20	1.0351	P	0.6
5	☐	12500.000	13722.962	446518.91	2.0609	P	1.8
6	☐	25000.000	27279.601	863370.66	4.0951	P	3.8
7	☐	50000.000	52009.216	1645545.72	7.8058	A	1.9
8	☐	250000.00	249290.12	7276591.14	37.4080	A	0.8

$$y = 1.5005\text{E-}004 * x + 0.0018$$

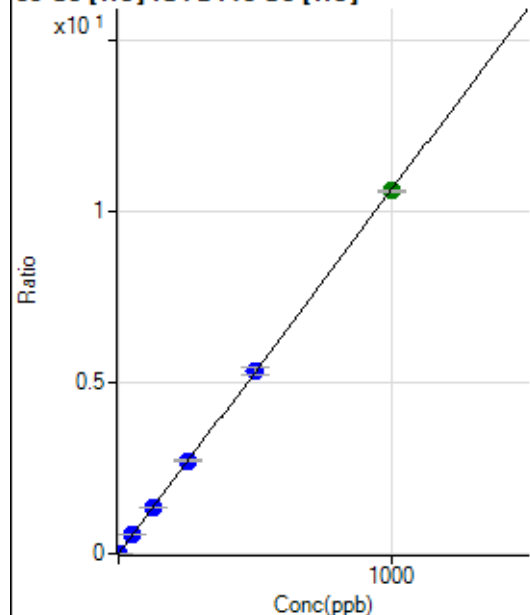
$$R = 0.9999$$

$$DL = 5.004$$

$$BEC = 11.73$$

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	48.89	0.0002	P	29.1
2	☐	1.000	1.025	2581.36	0.0111	P	5.6
3	☐	50.000	51.806	126579.14	0.5506	P	0.9
4	☐	125.000	128.224	302237.75	1.3625	P	0.4
5	☐	250.000	254.967	586930.09	2.7090	P	2.2
6	☐	500.000	502.102	1124783.32	5.3346	P	3.5
7	☐	1000.000	997.214	2233611.23	10.5948	A	0.4
8	☐			5845.63	0.0301	P	4.6

$$y = 0.0106 * x + 2.0922\text{E-}004$$

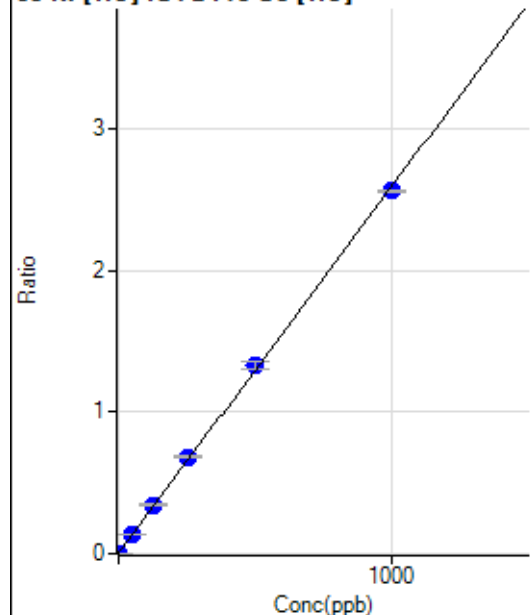
$$R = 1.0000$$

$$DL = 0.01722$$

$$BEC = 0.01969$$

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	586.69	0.0025	P	8.2
2	☐	1.000	1.094	1242.28	0.0053	P	2.3
3	☐	50.000	53.412	32349.34	0.1407	P	0.7
4	☐	125.000	132.310	76503.62	0.3449	P	1.3
5	☐	250.000	262.877	147917.58	0.6827	P	1.9
6	☐	500.000	513.740	280798.28	1.3318	P	3.7
7	☐	1000.000	988.826	539928.42	2.5611	P	0.6
8	☐			2244.63	0.0115	P	4.6

$$y = 0.0026 * x + 0.0025$$

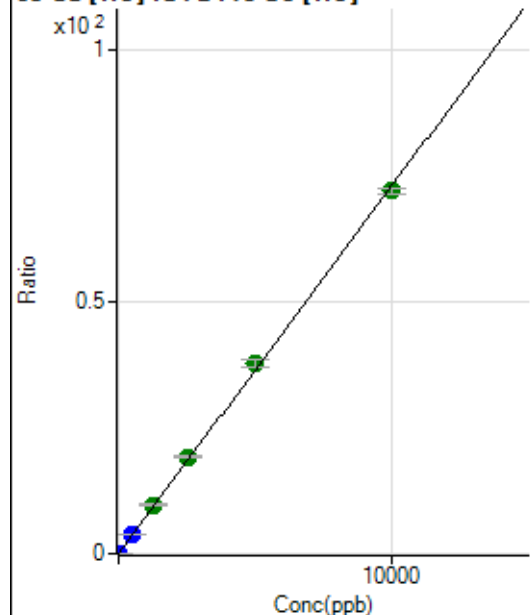
$$R = 0.9998$$

$$DL = 0.2389$$

$$BEC = 0.9691$$

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	1305.63	0.0056	P	1.4
2	☐	2.000	1.903	4521.84	0.0194	P	5.0
3	☐	500.000	529.260	887392.70	3.8600	P	0.7
4	☐	1250.000	1328.673	2147705.97	9.6819	A	1.2
5	☐	2500.000	2626.766	4145976.85	19.1356	A	1.8
6	☐	5000.000	5165.711	7932926.41	37.6260	A	3.8
7	☐	10000.000	9874.156	15161423.80	71.9163	A	1.3
8	☐			4426.25	0.0228	P	3.2

$$y = 0.0073 * x + 0.0056$$

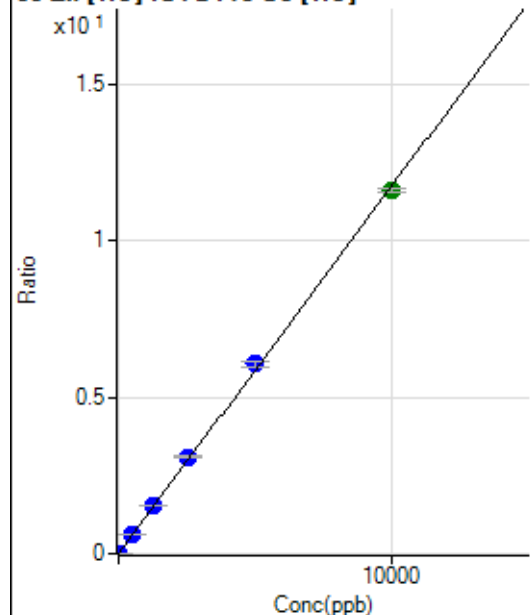
$$R = 0.9997$$

$$DL = 0.03179$$

$$BEC = 0.7659$$

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	373.34	0.0016	P	12.3
2	☐	2.000	2.498	1052.27	0.0045	P	1.1
3	☐	500.000	541.531	146267.94	0.6363	P	1.1
4	☐	1250.000	1321.549	343927.55	1.5504	P	0.9
5	☐	2500.000	2623.346	666447.55	3.0761	P	2.4
6	☐	5000.000	5160.064	1275413.62	6.0492	P	3.6
7	☐	10000.000	9878.111	2441006.70	11.5787	A	0.9
8	☐			2562.47	0.0132	P	4.6

$$y = 0.0012 * x + 0.0016$$

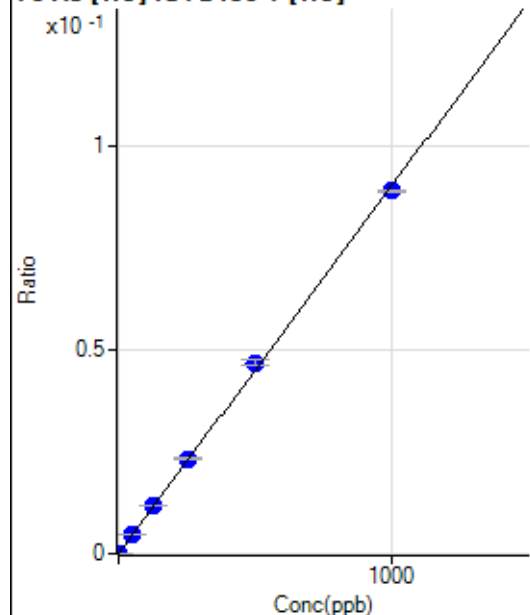
$$R = 0.9997$$

$$DL = 0.5015$$

$$BEC = 1.361$$

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	2.22	0.0000	P	86.6
2	☐	1.000	1.118	207.78	0.0001	P	15.5
3	☐	50.000	51.842	9427.52	0.0047	P	1.2
4	☐	125.000	130.811	23164.86	0.0118	P	2.9
5	☐	250.000	258.662	45507.22	0.0233	P	1.1
6	☐	500.000	519.690	88206.44	0.0468	P	2.8
7	☐	1000.000	987.171	170841.92	0.0888	P	0.7
8	☐			97.78	0.0001	P	12.2

$$y = 8.9991E-005 * x + 1.0753E-006$$

$$R = 0.9997$$

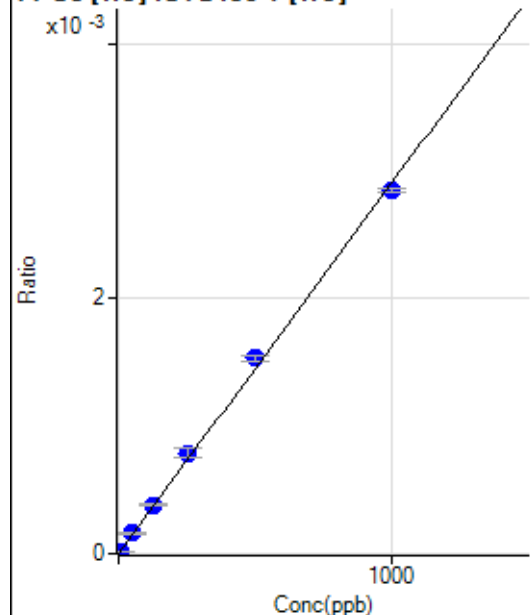
$$DL = 0.03104$$

$$BEC = 0.01195$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.621	33.33	0.0000	P	35.9
3	☐	50.000	55.966	327.79	0.0002	P	11.3
4	☐	125.000	132.103	754.47	0.0004	P	4.6
5	☐	250.000	271.918	1543.43	0.0008	P	8.9
6	☐	500.000	527.590	2888.09	0.0015	P	3.2
7	☐	1000.000	979.536	5467.72	0.0028	P	0.9
8	☐			26.67	0.0000	P	12.8

$$y = 2.9027E-006 * x + 0.0000E+000$$

$$R = 0.9992$$

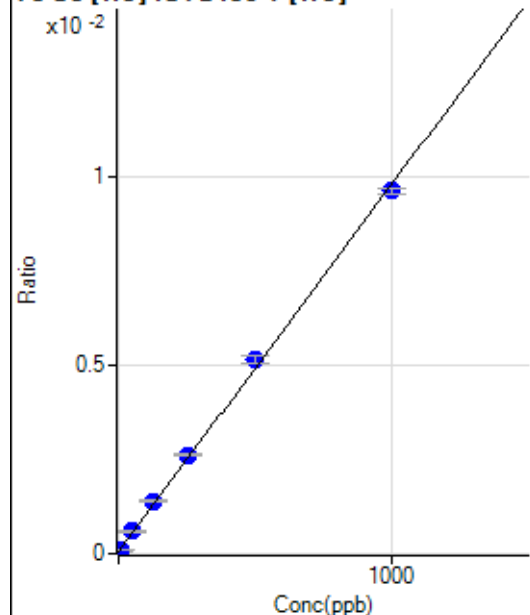
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.33	0.0001	P	5.6
2	☐	5.000	6.101	233.34	0.0001	P	11.6
3	☐	50.000	55.163	1195.62	0.0006	P	3.4
4	☐	125.000	137.906	2749.17	0.0014	P	1.0
5	☐	250.000	264.104	5128.71	0.0026	P	2.6
6	☐	500.000	523.559	9706.59	0.0051	P	4.5
7	☐	1000.000	982.818	18490.54	0.0096	P	1.7
8	☐			203.34	0.0001	P	9.4

$$y = 9.7277E-006 * x + 5.4928E-005$$

$$R = 0.9994$$

$$DL = 0.9537$$

$$BEC = 5.647$$

Weight: <None>

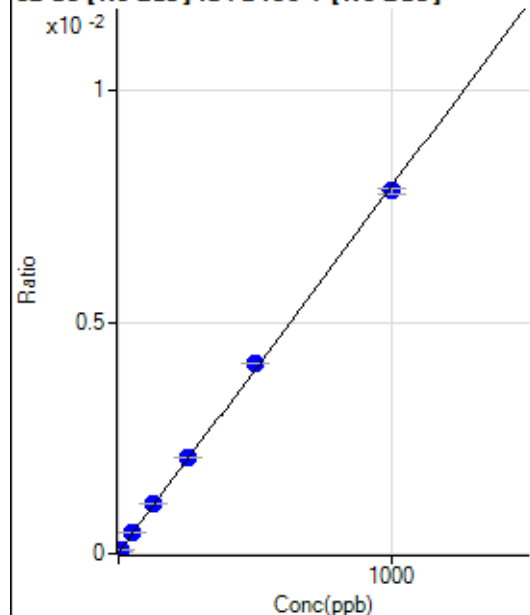
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26211.09		P	0.4
2	☐			25784.83		P	1.6
3	☐			25566.67		P	2.3
4	☐			24868.86		P	0.8
5	☐			24191.02		P	2.5
6	☐			23551.10		P	2.3
7	☐			23403.08		P	0.5
8	☐			24365.68		P	0.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	7.5
2	☐			58.89		P	27.9
3	☐			48.89		P	48.4
4	☐			50.00		P	35.3
5	☐			35.56		P	54.1
6	☐			67.78		P	12.4
7	☐			55.56		P	48.9
8	☐			313.34		P	2.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.56	0.0000	P	8.2
2	☐	5.000	4.392	630.02	0.0001	P	6.6
3	☐	50.000	53.965	4376.78	0.0005	P	1.0
4	☐	125.000	132.970	10190.30	0.0011	P	1.4
5	☐	250.000	258.925	19523.34	0.0021	P	1.4
6	☐	500.000	517.700	37555.11	0.0041	P	0.5
7	☐	1000.000	987.727	71400.30	0.0078	P	1.6
8	☐			664.14	0.0001	P	7.0

$$y = 7.8998E-006 * x + 2.9727E-005$$

$$R = 0.9997$$

$$DL = 0.9253$$

$$BEC = 3.763$$

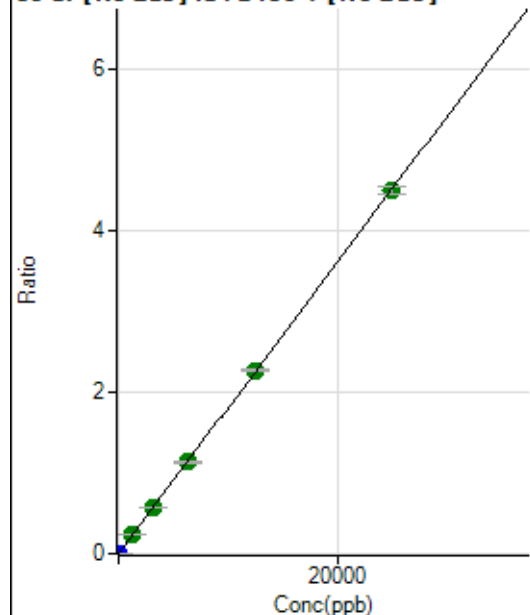
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			82.22		P	28.5
2	☐			103.33		P	8.5
3	☐			103.33		P	3.2
4	☐			110.00		P	13.9
5	☐			93.33		P	12.9
6	☐			104.44		P	29.7
7	☐			113.34		P	24.1
8	☐			140.00		P	16.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.11	0.0000	P	1.6
2	☐	1.000	0.867	1723.45	0.0002	P	2.3
3	☐	1250.000	1276.145	2209811.89	0.2303	A	1.3
4	☐	3125.000	3150.254	5362721.41	0.5684	A	0.9
5	☐	6250.000	6293.173	10681637.76	1.1354	A	1.1
6	☐	12500.000	12601.483	20727027.47	2.2736	A	0.4
7	☐	25000.000	24934.001	41005465.78	4.4986	A	2.2
8	☐			6435.93	0.0008	P	10.4

$$y = 1.8042\text{E-}004 * x + 1.9675\text{E-}005$$

$$R = 1.0000$$

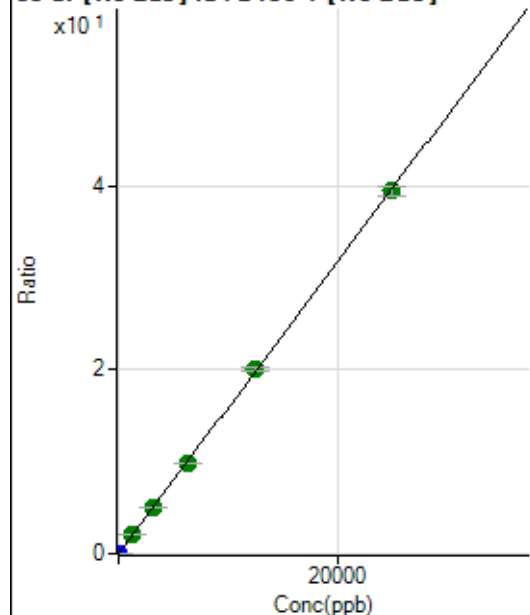
$$DL = 0.005374$$

$$BEC = 0.1091$$

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	343.34	0.0000	P	17.5
2	☐	1.000	0.880	13984.52	0.0014	P	0.9
3	☐	1250.000	1282.998	19520362.76	2.0339	A	0.7
4	☐	3125.000	3167.659	47371873.18	5.0216	A	1.5
5	☐	6250.000	6218.970	92749878.62	9.8587	A	0.6
6	☐	12500.000	12679.247	183230088.3	20.1000	A	1.3
7	☐	25000.000	24911.152	359969852.4	39.4908	A	2.3
8	☐			54596.52	0.0065	P	11.1

$$y = 0.0016 * x + 3.5396\text{E-}005$$

$$R = 1.0000$$

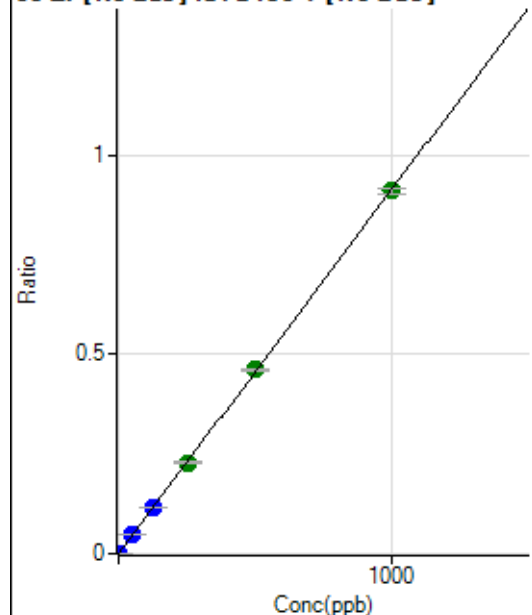
$$DL = 0.01174$$

$$BEC = 0.02233$$

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	374.45	0.0000	P	13.8
2	☐	1.000	0.872	8166.79	0.0008	P	1.8
3	☐	50.000	50.620	444281.65	0.0463	P	1.1
4	☐	125.000	125.144	1079137.45	0.1144	P	0.9
5	☐	250.000	250.432	2153158.32	0.2289	A	1.1
6	☐	500.000	505.382	4210312.64	0.4618	A	0.6
7	☐	1000.000	997.152	8306178.35	0.9112	A	1.6
8	☐			3848.32	0.0005	P	4.3

$$y = 9.1376\text{E-}004 * x + 3.8522\text{E-}005$$

$$R = 1.0000$$

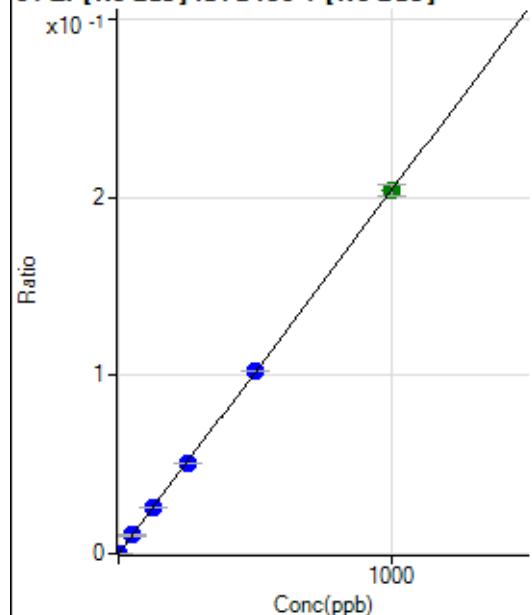
$$DL = 0.0175$$

$$BEC = 0.04216$$

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	81.11	0.0000	P	25.9
2	☐	1.000	0.881	1837.91	0.0002	P	4.4
3	☐	50.000	50.334	98509.90	0.0103	P	1.5
4	☐	125.000	125.622	241573.83	0.0256	P	0.2
5	☐	250.000	248.750	476926.64	0.0507	P	0.5
6	☐	500.000	502.914	934278.29	0.1025	P	0.8
7	☐	1000.000	998.761	1855020.28	0.2035	A	3.2
8	☐			871.15	0.0001	P	6.9

$$y = 2.0376\text{E-}004 * x + 8.3637\text{E-}006$$

$$R = 1.0000$$

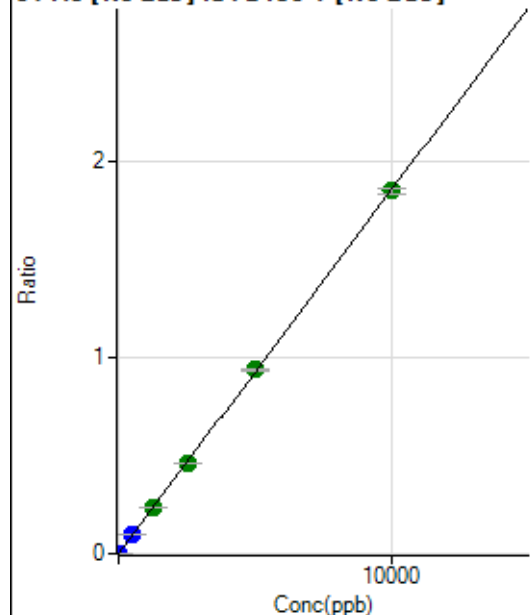
$$DL = 0.03191$$

$$BEC = 0.04105$$

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	201.11	0.0000	P	7.7
2	☐	5.000	5.114	9475.37	0.0010	P	2.2
3	☐	500.000	506.229	900924.96	0.0939	P	1.1
4	☐	1250.000	1265.519	2213713.93	0.2346	A	0.5
5	☐	2500.000	2469.892	4308099.45	0.4579	A	0.4
6	☐	5000.000	5063.637	8558199.59	0.9388	A	1.1
7	☐	10000.000	9973.457	16855335.17	1.8491	A	1.8
8	☐			4669.67	0.0006	P	5.4

$$y = 1.8540\text{E-}004 * x + 2.0716\text{E-}005$$

$$R = 1.0000$$

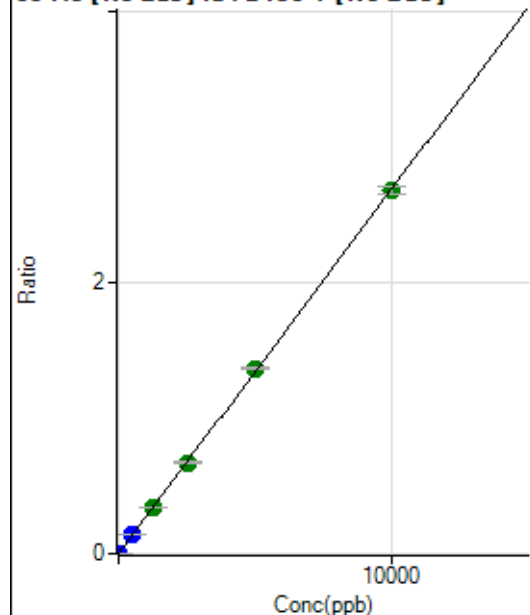
$$DL = 0.02583$$

$$BEC = 0.1117$$

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	564.46	0.0001	P	7.4
2	☐	5.000	4.272	11790.40	0.0012	P	0.6
3	☐	500.000	507.421	1308380.94	0.1363	P	1.2
4	☐	1250.000	1268.695	3214963.98	0.3408	A	0.5
5	☐	2500.000	2501.841	6321431.78	0.6719	A	1.5
6	☐	5000.000	5078.402	12433874.54	1.3639	A	0.8
7	☐	10000.000	9957.631	24376196.31	2.6742	A	2.3
8	☐			5651.16	0.0007	P	7.3

$$y = 2.6856\text{E-}004 * x + 5.8095\text{E-}005$$

$$R = 1.0000$$

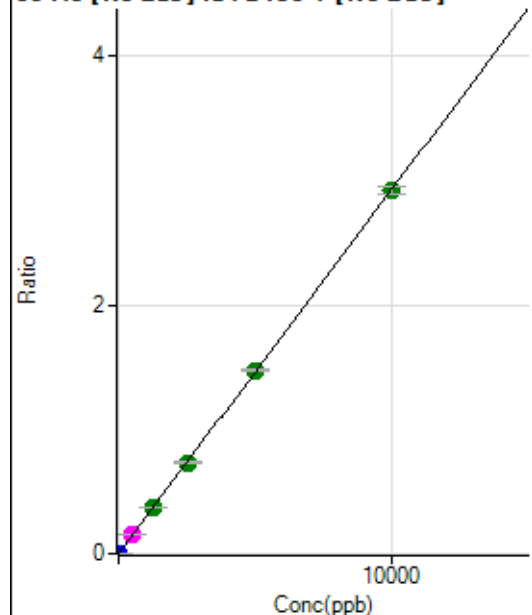
$$DL = 0.04809$$

$$BEC = 0.2163$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	17.5
2	☐	5.000	4.408	12705.59	0.0013	P	0.6
3	☐	500.000	511.565	1436745.85	0.1497	M	1.2
4	☐	1250.000	1272.102	3512173.42	0.3723	A	0.8
5	☐	2500.000	2504.215	6893958.93	0.7328	A	1.1
6	☐	5000.000	5043.685	13455482.02	1.4759	A	0.8
7	☐	10000.000	9973.763	26603512.66	2.9185	A	2.0
8	☐			12409.80	0.0015	P	3.8

$$y = 2.9262\text{E-}004 * x + 8.9308\text{E-}006$$

$$R = 1.0000$$

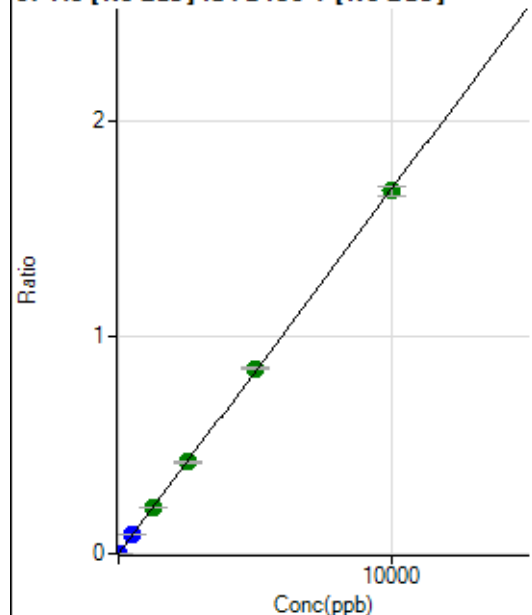
$$DL = 0.01599$$

$$BEC = 0.03052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	30.7
2	☐	5.000	4.370	7314.10	0.0007	P	1.4
3	☐	500.000	507.679	819278.86	0.0854	P	1.4
4	☐	1250.000	1262.807	2003135.45	0.2123	A	0.3
5	☐	2500.000	2516.345	3980331.19	0.4231	A	1.4
6	☐	5000.000	5073.101	7776328.21	0.8529	A	0.9
7	☐	10000.000	9957.379	15259833.66	1.6741	A	2.4
8	☐			3332.64	0.0004	P	8.7

$$y = 1.6813\text{E-}004 * x + 1.3072\text{E-}005$$

$$R = 1.0000$$

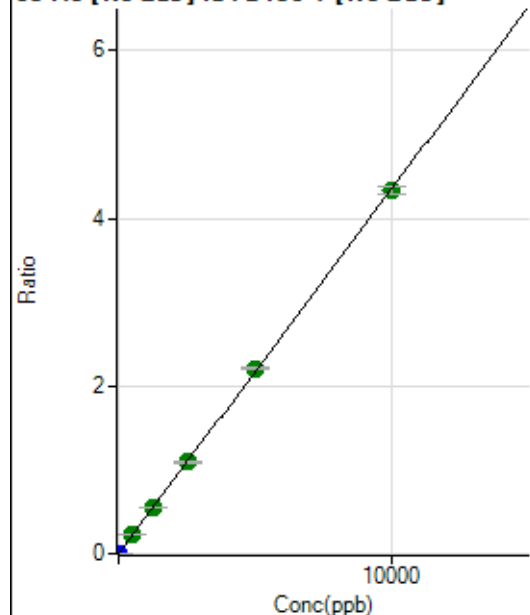
$$DL = 0.07172$$

$$BEC = 0.07775$$

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	55.56	0.0000	P	18.7
2	☐	5.000	4.384	18703.15	0.0019	P	1.7
3	☐	500.000	512.603	2139405.47	0.2229	A	1.2
4	☐	1250.000	1263.488	5183513.64	0.5494	A	0.7
5	☐	2500.000	2517.747	10299751.86	1.0948	A	1.0
6	☐	5000.000	5078.316	20130816.92	2.2083	A	0.9
7	☐	10000.000	9954.089	39455373.58	4.3284	A	2.2
8	☐			7746.60	0.0009	P	11.7

$$y = 4.3484\text{E-}004 * x + 5.7220\text{E-}006$$

$$R = 1.0000$$

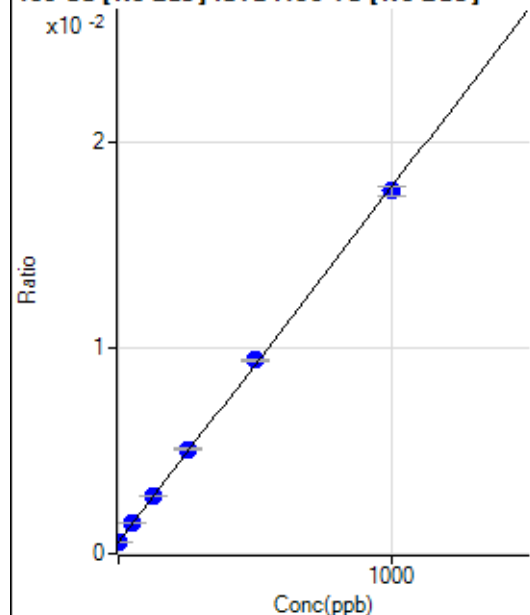
$$DL = 0.007369$$

$$BEC = 0.01316$$

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	4428.49	0.0006	P	1.4
2	☐	1.000	0.115	4506.30	0.0006	P	1.9
3	☐	50.000	54.917	11782.64	0.0015	P	1.1
4	☐	125.000	130.543	21836.47	0.0028	P	0.1
5	☐	250.000	262.158	39508.09	0.0051	P	2.8
6	☐	500.000	513.477	72402.63	0.0094	P	1.2
7	☐	1000.000	989.284	134715.44	0.0176	P	2.5
8	☐			3875.00	0.0006	P	1.8

$$y = 1.7240\text{E-}005 * x + 5.7090\text{E-}004$$

$$R = 0.9998$$

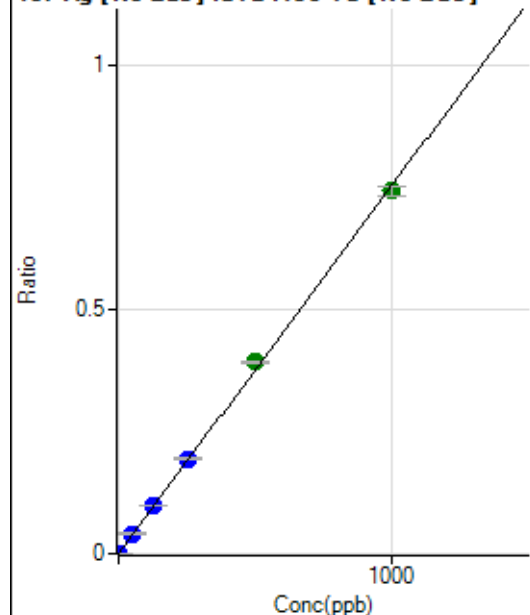
$$DL = 1.398$$

$$BEC = 33.12$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.34	0.0000	P	6.3
2	☐	1.000	0.952	5730.07	0.0007	P	2.1
3	☐	50.000	54.844	321148.18	0.0414	P	0.5
4	☐	125.000	132.118	771104.43	0.0996	P	1.1
5	☐	250.000	257.293	1505985.29	0.1940	P	1.3
6	☐	500.000	520.523	3015883.81	0.3925	A	1.7
7	☐	1000.000	986.783	5688055.33	0.7441	A	2.5
8	☐			1428.97	0.0002	P	10.0

$$y = 7.5408\text{E-}004 * x + 1.0741\text{E-}005$$

$$R = 0.9996$$

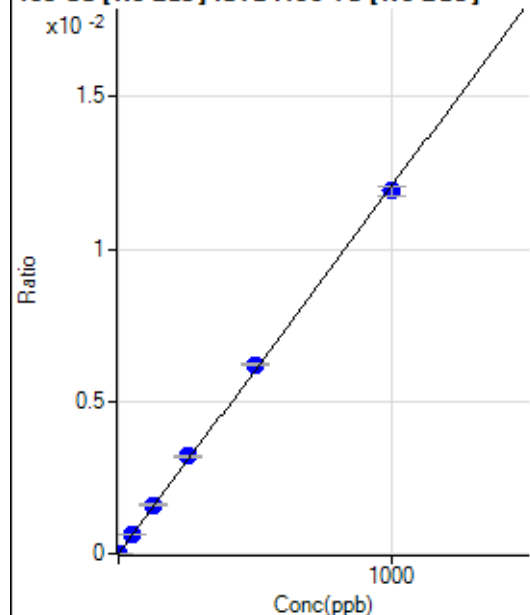
$$DL = 0.002685$$

$$BEC = 0.01424$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0000	P	57.0
2	☐	1.000	1.031	106.67	0.0000	P	16.4
3	☐	50.000	53.259	4992.02	0.0006	P	1.0
4	☐	125.000	133.297	12442.12	0.0016	P	1.8
5	☐	250.000	266.465	24933.69	0.0032	P	2.2
6	☐	500.000	513.873	47595.59	0.0062	P	0.8
7	☐	1000.000	987.747	90996.23	0.0119	P	2.8
8	☐			72.22	0.0000	P	29.3

$$y = 1.2052\text{E-}005 * x + 1.1430\text{E-}006$$

$$R = 0.9997$$

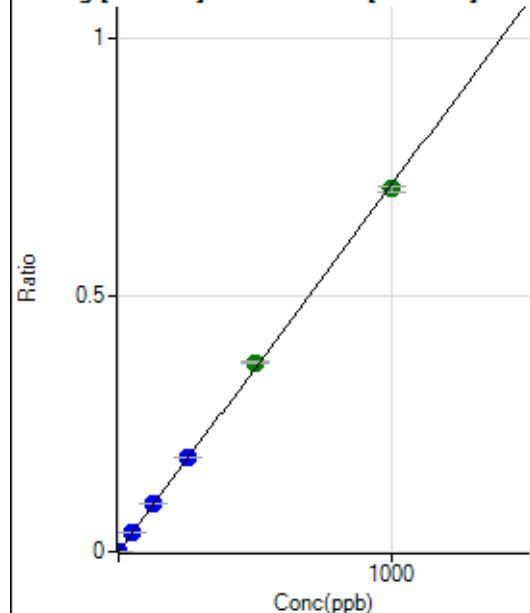
$$DL = 0.1621$$

$$BEC = 0.09484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.34	0.0000	P	49.1
2	☐	1.000	0.949	5367.71	0.0007	P	4.6
3	☐	50.000	54.889	305009.87	0.0393	P	0.2
4	☐	125.000	132.454	733696.50	0.0948	P	1.0
5	☐	250.000	258.023	1433413.76	0.1847	P	1.0
6	☐	500.000	515.919	2837142.01	0.3693	A	1.4
7	☐	1000.000	988.859	5409995.20	0.7078	A	1.6
8	☐			1251.18	0.0002	P	9.3

$$y = 7.1572\text{E-}004 * x + 3.0052\text{E-}006$$

$$R = 0.9998$$

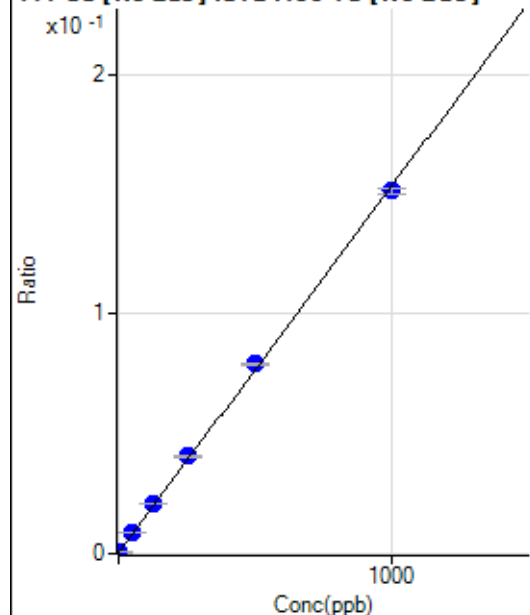
$$DL = 0.006182$$

$$BEC = 0.004199$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3095.95	0.0004	P	1.2
2	☐	1.000	1.004	4346.47	0.0006	P	2.6
3	☐	50.000	55.089	68459.45	0.0088	P	0.7
4	☐	125.000	133.993	161581.18	0.0209	P	1.1
5	☐	250.000	262.789	314836.03	0.0406	P	1.0
6	☐	500.000	515.832	608787.97	0.0792	P	1.3
7	☐	1000.000	987.508	1156646.84	0.1513	P	1.8
8	☐			3323.08	0.0005	P	1.6

$$y = 1.5283\text{E-}004 * x + 3.9912\text{E-}004$$

$$R = 0.9997$$

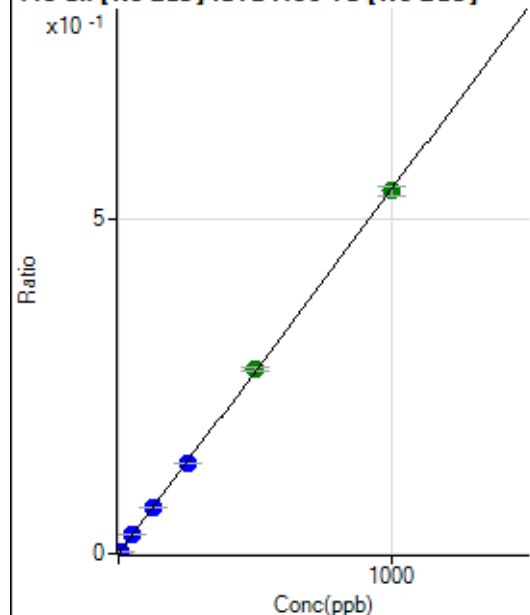
$$DL = 0.09766$$

$$BEC = 2.611$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	340.01	0.0000	P	14.5
2	☐	5.000	4.571	19912.72	0.0025	P	1.4
3	☐	50.000	51.261	216910.33	0.0279	P	0.6
4	☐	125.000	126.464	532959.91	0.0689	P	0.7
5	☐	250.000	248.184	1048613.85	0.1351	P	1.4
6	☐	500.000	508.255	2125421.55	0.2766	A	1.8
7	☐	1000.000	996.083	4143419.17	0.5421	A	2.4
8	☐			2379.11	0.0003	P	2.1

$$y = 5.4420\text{E-}004 * x + 4.3862\text{E-}005$$

$$R = 0.9999$$

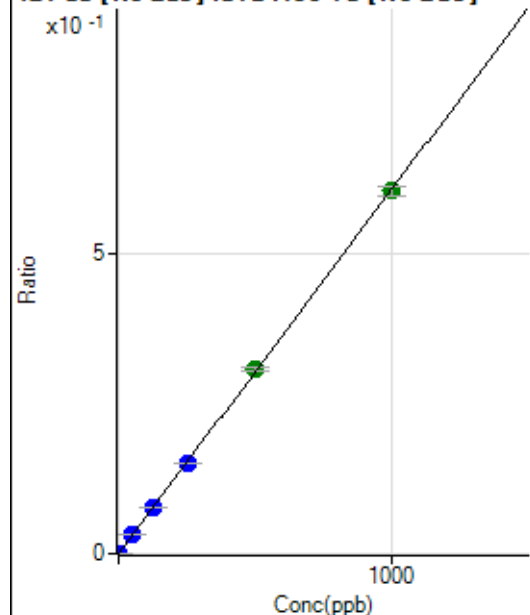
$$DL = 0.03504$$

$$BEC = 0.0806$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.22	0.0000	P	49.6
2	☐	2.000	1.799	8643.79	0.0011	P	1.9
3	☐	50.000	51.312	242402.29	0.0312	P	0.7
4	☐	125.000	125.542	591184.50	0.0764	P	0.8
5	☐	250.000	248.411	1173114.43	0.1511	P	1.5
6	☐	500.000	506.929	2369812.85	0.3084	A	1.6
7	☐	1000.000	996.800	4635546.94	0.6065	A	2.4
8	☐			3059.24	0.0004	P	3.6

$$y = 6.0844\text{E-}004 * x + 4.1635\text{E-}006$$

$$R = 1.0000$$

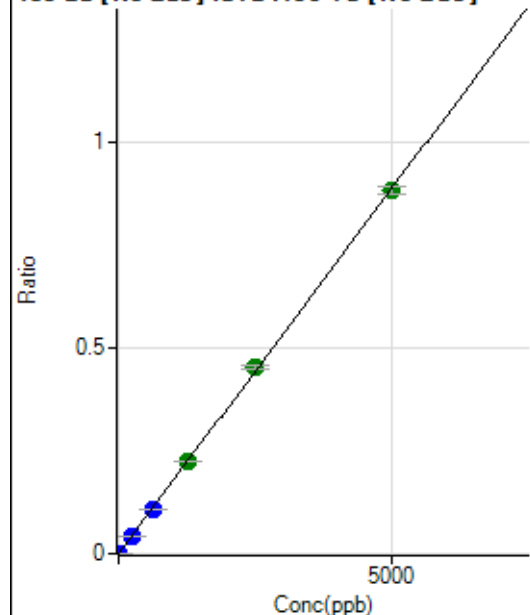
$$DL = 0.01018$$

$$BEC = 0.006843$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	39.9
2	☐	10.000	8.990	12595.67	0.0016	P	0.5
3	☐	250.000	246.719	340260.72	0.0438	P	0.2
4	☐	625.000	607.654	835395.34	0.1079	P	0.6
5	☐	1250.000	1265.622	1744890.67	0.2248	A	1.8
6	☐	2500.000	2553.060	3484308.73	0.4535	A	2.1
7	☐	5000.000	4971.899	6750367.12	0.8832	A	2.1
8	☐			3763.88	0.0005	P	7.0

$$y = 1.7763\text{E-}004 * x + 4.4349\text{E-}006$$

$$R = 0.9999$$

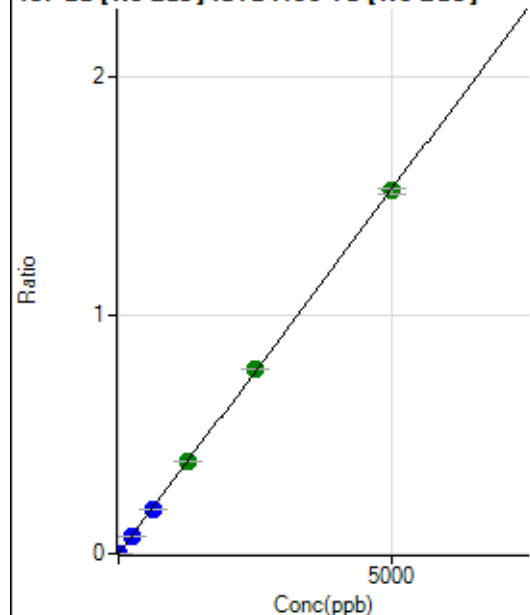
$$DL = 0.02985$$

$$BEC = 0.02497$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.55	0.0000	P	23.7
2	☐	10.000	8.882	21406.19	0.0027	P	0.2
3	☐	250.000	247.697	587940.62	0.0757	P	0.9
4	☐	625.000	609.685	1442628.47	0.1864	P	0.8
5	☐	1250.000	1267.180	3006959.95	0.3874	A	1.5
6	☐	2500.000	2535.973	5957348.94	0.7753	A	0.5
7	☐	5000.000	4979.750	11637328.16	1.5225	A	1.8
8	☐			6412.62	0.0009	P	3.0

$$y = 3.0573\text{E-}004 * x + 5.8751\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01365$$

$$BEC = 0.01922$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

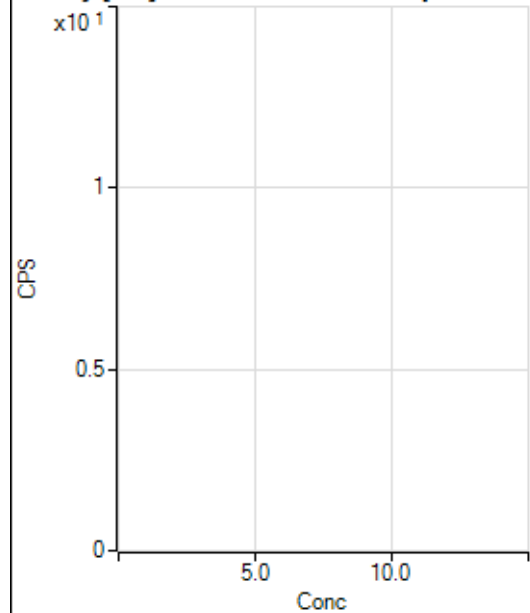
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			5.56		P	91.6
3	☐			50.00		P	24.0
4	☐			138.89		P	16.3
5	☐			250.01		P	6.1
6	☐			503.35		P	3.5
7	☐			1042.27		P	3.4
8	☐			202.23		P	11.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			8.89		P	21.6
4	☐			26.67		P	12.5
5	☐			35.55		P	19.5
6	☐			100.00		P	8.8
7	☐			174.45		P	19.5
8	☐			106.67		P	6.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			11.11		P	96.4
3	☐			23.33		P	42.9
4	☐			66.67		P	18.0
5	☐			118.89		P	6.5
6	☐			248.90		P	8.6
7	☐			421.12		P	10.8
8	☐			1085.61		P	5.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			5.56		P	34.7
3	☐			14.44		P	53.3
4	☐			55.56		P	13.9
5	☐			83.33		P	14.4
6	☐			177.78		P	14.1
7	☐			362.23		P	2.3
8	☐			648.91		P	13.2

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

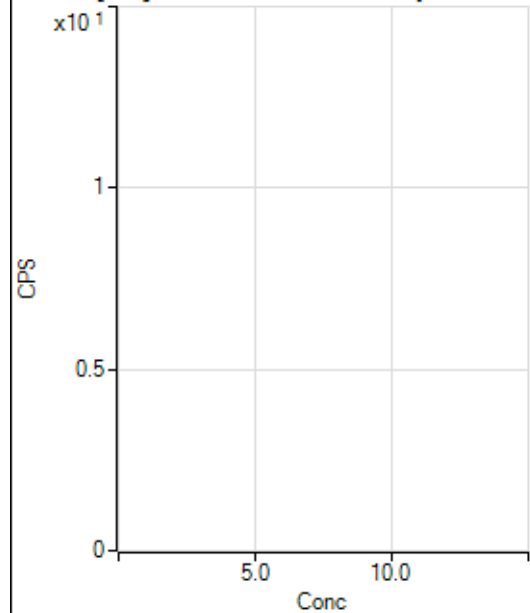
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	57.7
2	☐			25.56		P	19.9
3	☐			44.44		P	37.0
4	☐			61.11		P	11.4
5	☐			115.56		P	8.8
6	☐			143.34		P	12.9
7	☐			338.90		P	17.2
8	☐			1100.05		P	3.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			210.00		P	14.1
2	☐			163.34		P	20.7
3	☐			201.11		P	14.1
4	☐			193.34		P	10.8
5	☐			216.67		P	18.7
6	☐			261.12		P	10.3
7	☐			346.67		P	12.6
8	☐			818.92		P	3.6

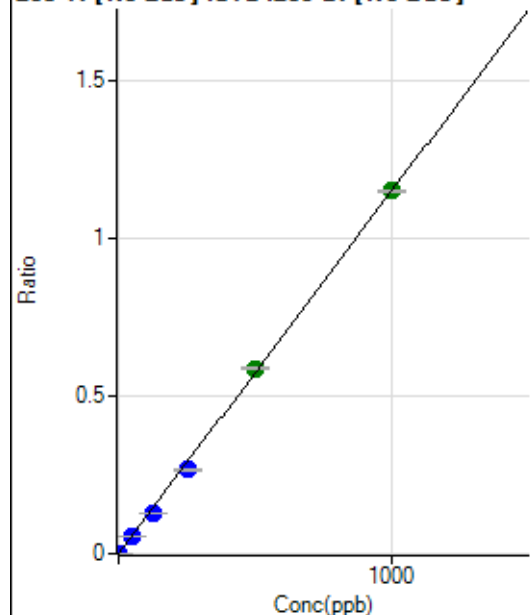
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	39.8
2	☐			43.33		P	20.3
3	☐			62.22		P	20.3
4	☐			68.89		P	20.1
5	☐			86.67		P	7.7
6	☐			101.11		P	21.2
7	☐			116.67		P	15.1
8	☐			178.89		P	3.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	27.9
2	☐			33.33		P	17.3
3	☐			44.45		P	30.3
4	☐			46.67		P	25.8
5	☐			47.78		P	22.4
6	☐			56.67		P	17.6
7	☐			74.44		P	22.1
8	☐			113.34		P	12.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51.11	0.0000	P	23.6
2	☐	1.000	0.822	4136.22	0.0010	P	3.4
3	☐	50.000	45.736	226977.33	0.0526	P	0.7
4	☐	125.000	113.658	558730.45	0.1306	P	0.6
5	☐	250.000	231.054	1122807.77	0.2656	P	1.6
6	☐	500.000	510.992	2437288.16	0.5873	A	0.5
7	☐	1000.000	1000.871	4747977.05	1.1503	A	0.8
8	☐			901.15	0.0003	P	20.1

$$y = 0.0011 * x + 1.1957E-005$$

$$R = 0.9997$$

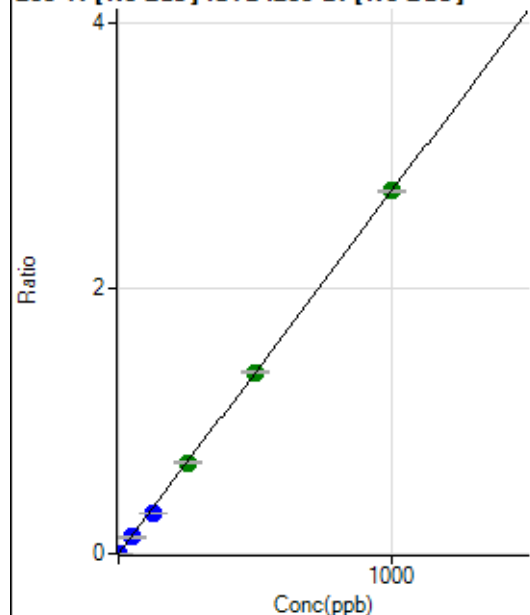
$$DL = 0.007358$$

$$BEC = 0.0104$$

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	151.12	0.0000	P	5.4
2	☐	1.000	0.800	9617.93	0.0022	P	0.1
3	☐	50.000	45.140	533193.09	0.1235	P	0.3
4	☐	125.000	112.532	1316602.21	0.3078	P	0.7
5	☐	250.000	249.918	2890364.99	0.6836	A	2.1
6	☐	500.000	501.425	5692069.50	1.3716	A	1.1
7	☐	1000.000	1001.110	11302903.30	2.7384	A	0.2
8	☐			2074.63	0.0006	P	11.4

$$y = 0.0027 * x + 3.5330E-005$$

$$R = 0.9999$$

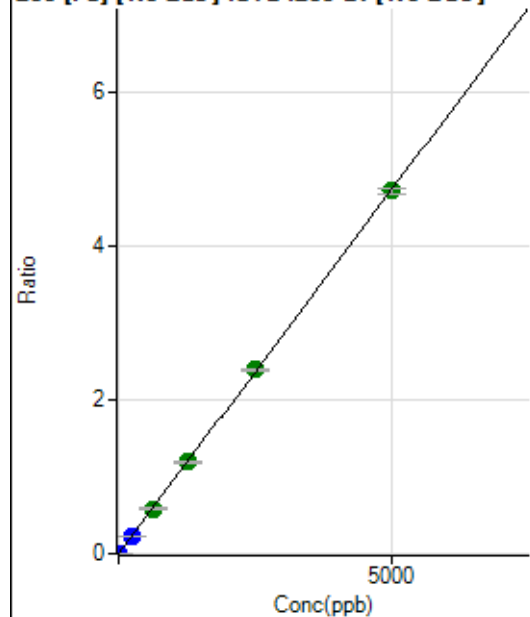
$$DL = 0.002077$$

$$BEC = 0.01292$$

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	130.00	0.0000	P	6.8
2	☐	1.000	0.772	3295.98	0.0008	P	2.5
3	☐	250.000	227.883	931825.40	0.2159	P	1.5
4	☐	625.000	618.809	2506697.69	0.5861	A	1.4
5	☐	1250.000	1261.094	5049943.53	1.1944	A	1.5
6	☐	2500.000	2525.500	9926292.42	2.3919	A	0.7
7	☐	5000.000	4986.356	19491623.18	4.7225	A	1.6
8	☐			7820.09	0.0022	P	0.7

$$y = 9.4708\text{E-}004 * x + 3.0387\text{E-}005$$

$$R = 1.0000$$

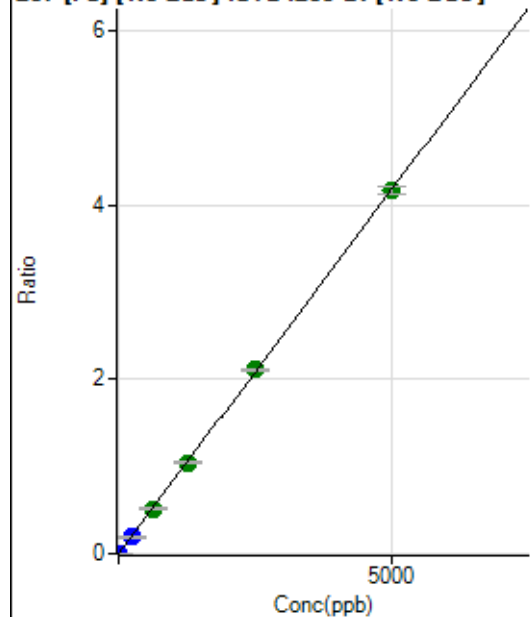
$$DL = 0.006548$$

$$BEC = 0.03208$$

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	123.34	0.0000	P	16.8
2	☐	1.000	0.781	2949.24	0.0007	P	2.4
3	☐	250.000	224.688	810653.43	0.1878	P	1.1
4	☐	625.000	618.203	2209486.84	0.5166	A	1.0
5	☐	1250.000	1248.708	4411901.39	1.0435	A	1.9
6	☐	2500.000	2532.402	8781952.65	2.1161	A	0.9
7	☐	5000.000	4986.237	17197182.24	4.1666	A	2.3
8	☐			6638.35	0.0019	P	6.3

$$y = 8.3561\text{E-}004 * x + 2.8845\text{E-}005$$

$$R = 1.0000$$

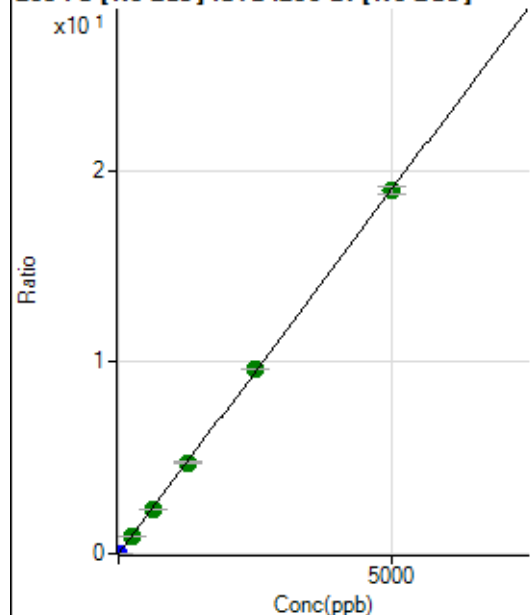
$$DL = 0.01742$$

$$BEC = 0.03452$$

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	536.68	0.0001	P	7.7
2	☐	1.000	0.792	13548.37	0.0031	P	0.7
3	☐	250.000	236.716	3878536.23	0.8984	A	0.9
4	☐	625.000	614.143	9968138.62	2.3306	A	0.7
5	☐	1250.000	1249.584	20049343.87	4.7420	A	1.8
6	☐	2500.000	2533.821	39903561.42	9.6153	A	0.5
7	☐	5000.000	4985.215	78080155.37	18.9177	A	2.2
8	☐			30938.54	0.0088	P	2.7

$$y = 0.0038 * x + 1.2549E-004$$

$$R = 1.0000$$

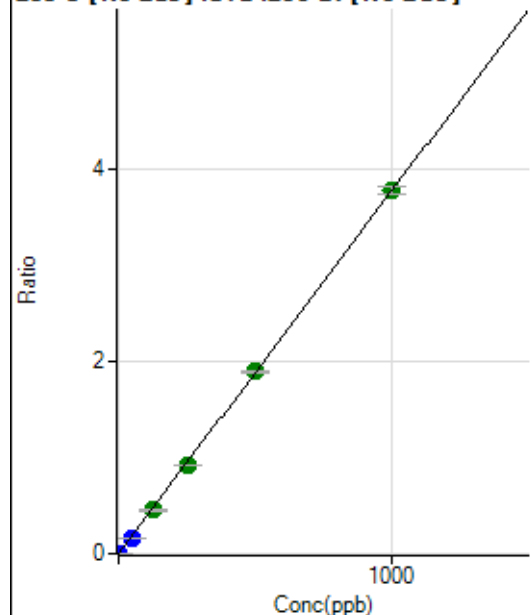
$$DL = 0.007657$$

$$BEC = 0.03307$$

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	17.78	0.0000	P	28.3
2	☐	1.000	0.759	12406.98	0.0029	P	0.9
3	☐	50.000	42.833	697397.67	0.1615	P	0.9
4	☐	125.000	119.902	1934073.39	0.4522	A	1.0
5	☐	250.000	245.580	3916331.78	0.9262	A	0.7
6	☐	500.000	502.295	7861562.73	1.8944	A	0.9
7	☐	1000.000	1000.953	15580562.55	3.7750	A	2.3
8	☐			3873.94	0.0011	P	1.0

$$y = 0.0038 * x + 4.1519E-006$$

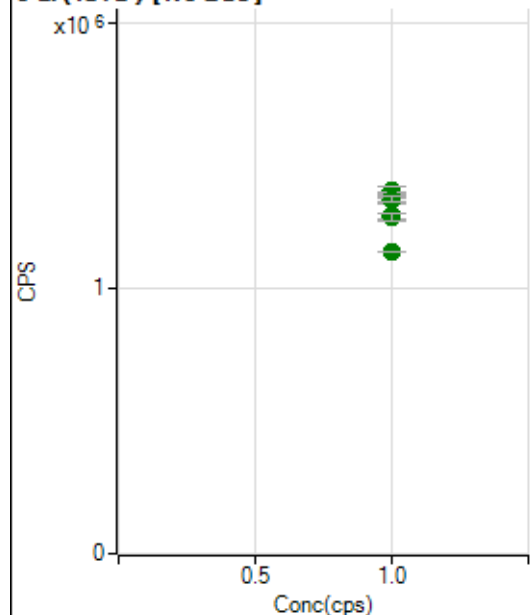
$$R = 1.0000$$

$$DL = 0.0009357$$

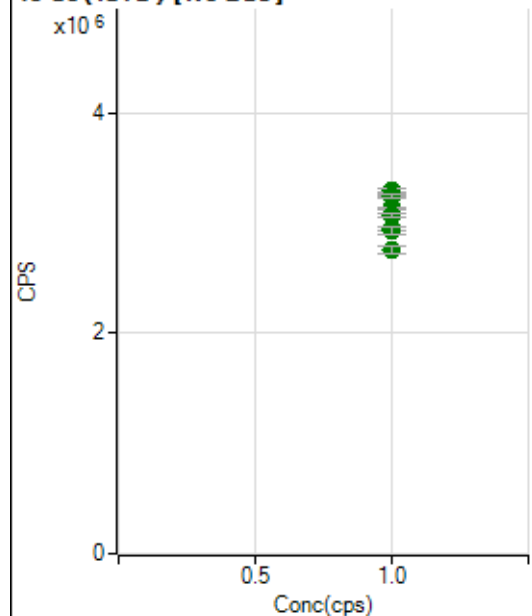
$$BEC = 0.001101$$

Weight: <None>

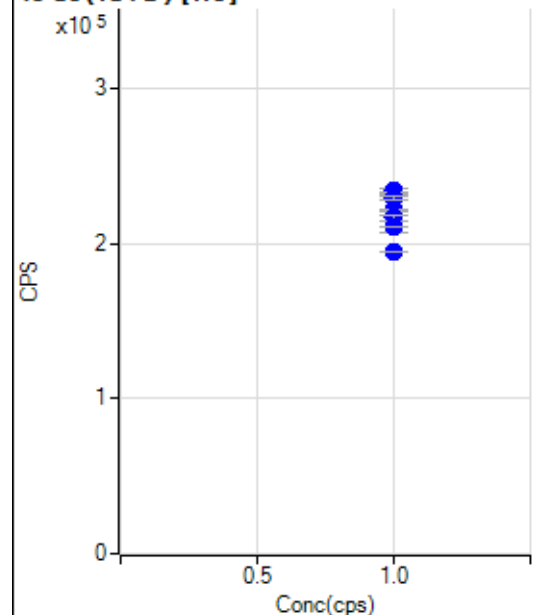
Min Conc: 0

6 Li (ISTD) [No Gas]

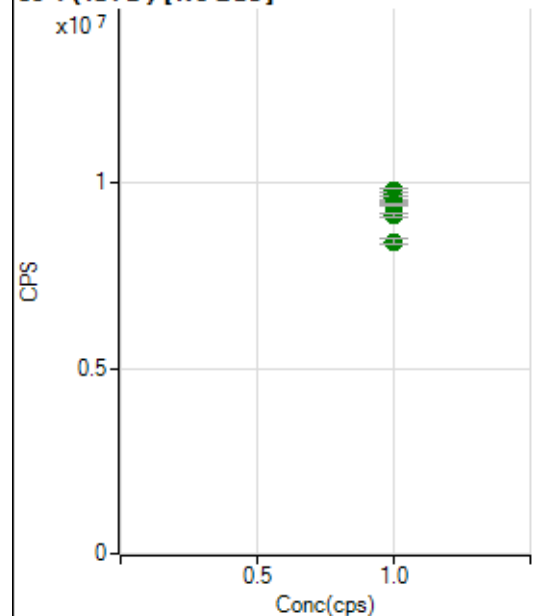
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1358963.73		A	0.4
2	☐	1.000		1367111.03		A	2.1
3	☐	1.000		1349822.32		A	1.4
4	☐	1.000		1334309.75		A	2.3
5	☐	1.000		1335558.94		A	1.9
6	☐	1.000		1273500.33		A	1.6
7	☐	1.000		1266322.58		A	2.2
8	☐	1.000		1137025.83		A	0.4

45 Sc (ISTD) [No Gas]

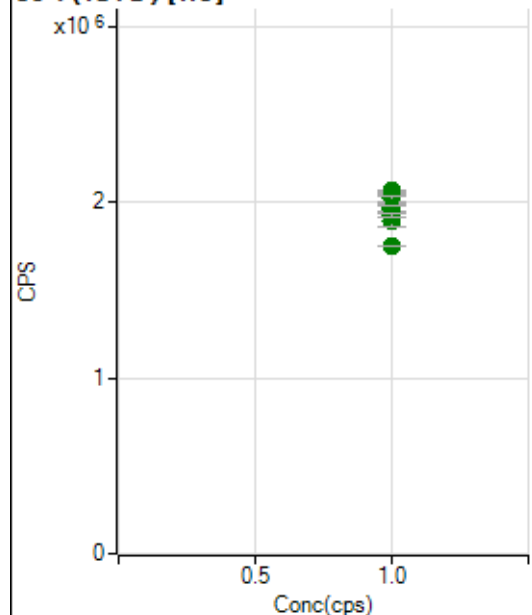
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3257166.55		A	0.5
2	☐	1.000		3290655.30		A	1.1
3	☐	1.000		3249435.47		A	0.9
4	☐	1.000		3131194.71		A	0.8
5	☐	1.000		3066379.96		A	1.2
6	☐	1.000		2951306.31		A	1.3
7	☐	1.000		2926814.50		A	2.2
8	☐	1.000		2762220.13		A	2.4

45 Sc (ISTD) [He]

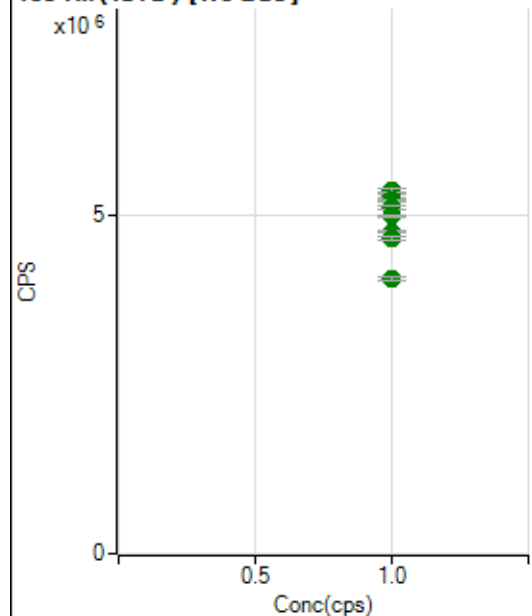
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		234070.11		P	0.9
2	☐	1.000		232638.52		P	0.6
3	☐	1.000		229902.12		P	1.0
4	☐	1.000		221831.90		P	0.5
5	☐	1.000		216713.82		P	2.0
6	☐	1.000		211018.94		P	3.6
7	☐	1.000		210822.87		P	0.4
8	☐	1.000		194519.06		P	0.2

89 Y (ISTD) [No Gas]

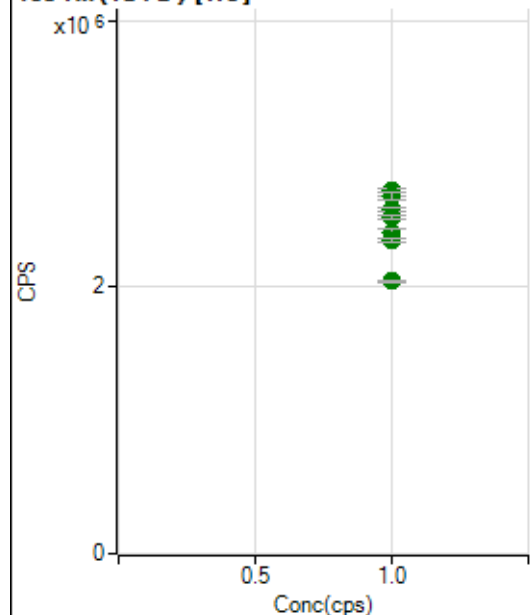
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9712541.24		A	1.1
2	☐	1.000		9781987.84		A	1.0
3	☐	1.000		9597720.83		A	0.8
4	☐	1.000		9434445.55		A	1.1
5	☐	1.000		9407878.68		A	0.5
6	☐	1.000		9116752.02		A	1.1
7	☐	1.000		9116991.25		A	1.3
8	☐	1.000		8408903.07		A	1.7

89 Y (ISTD) [He]

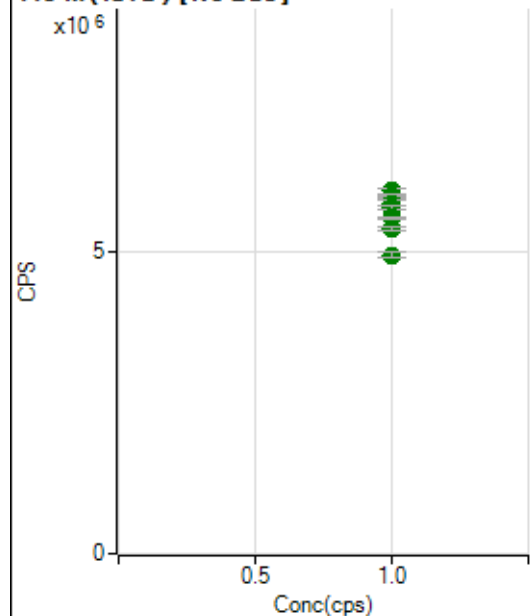
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2063108.98		A	0.3
2	☐	1.000		2042270.89		A	0.4
3	☐	1.000		2020511.67		A	1.8
4	☐	1.000		1968439.12		A	2.1
5	☐	1.000		1955250.51		A	2.4
6	☐	1.000		1886943.32		A	2.6
7	☐	1.000		1923195.96		A	1.3
8	☐	1.000		1748420.60		A	0.3

103 Rh (ISTD) [No Gas]

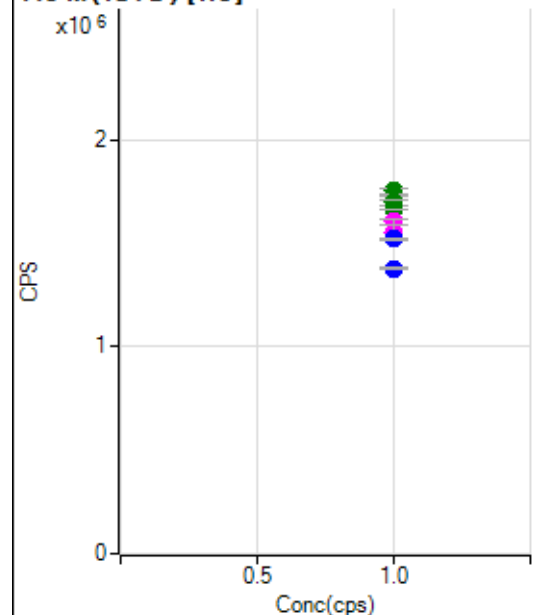
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5292238.67		A	1.2
2	☐	1.000		5374834.57		A	1.2
3	☐	1.000		5230912.94		A	0.6
4	☐	1.000		5122905.97		A	1.3
5	☐	1.000		5001067.70		A	0.3
6	☐	1.000		4770052.67		A	0.9
7	☐	1.000		4668607.50		A	1.5
8	☐	1.000		4066831.50		A	1.2

103 Rh (ISTD) [He]

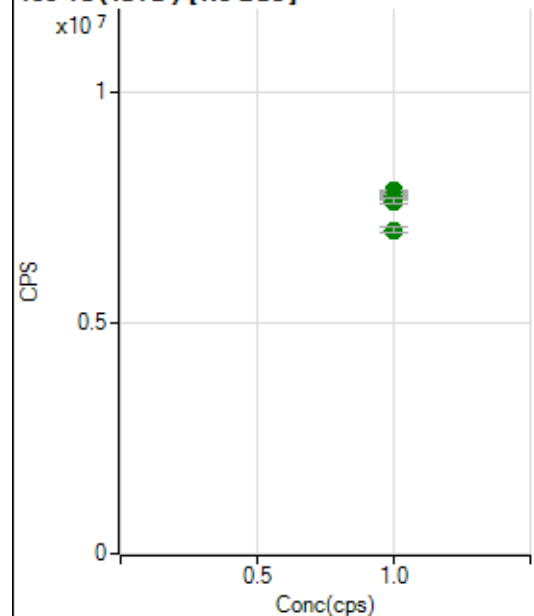
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2722083.29		A	1.2
2	☐	1.000		2680501.66		A	0.3
3	☐	1.000		2683472.62		A	1.9
4	☐	1.000		2579307.95		A	1.3
5	☐	1.000		2524719.60		A	1.4
6	☐	1.000		2404622.86		A	3.1
7	☐	1.000		2354375.21		A	1.2
8	☐	1.000		2047143.86		A	0.7

115 In (ISTD) [No Gas]

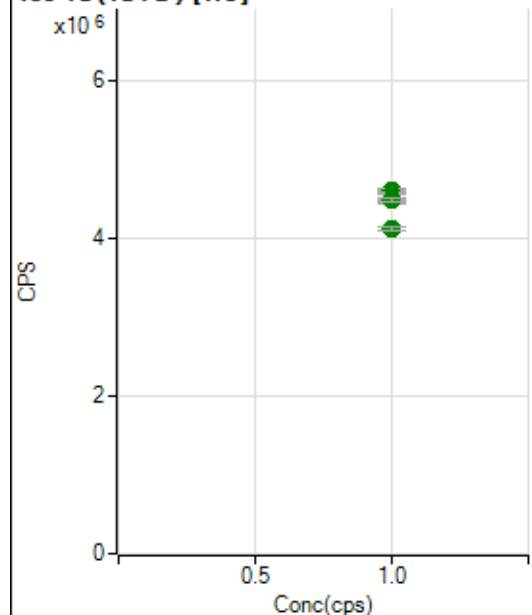
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5932886.67		A	0.8
2	☐	1.000		6020021.89		A	1.6
3	☐	1.000		5941167.12		A	0.7
4	☐	1.000		5822410.86		A	1.5
5	☐	1.000		5730362.65		A	1.1
6	☐	1.000		5576219.47		A	0.8
7	☐	1.000		5389790.11		A	1.3
8	☐	1.000		4958351.71		A	1.5

115 In (ISTD) [He]

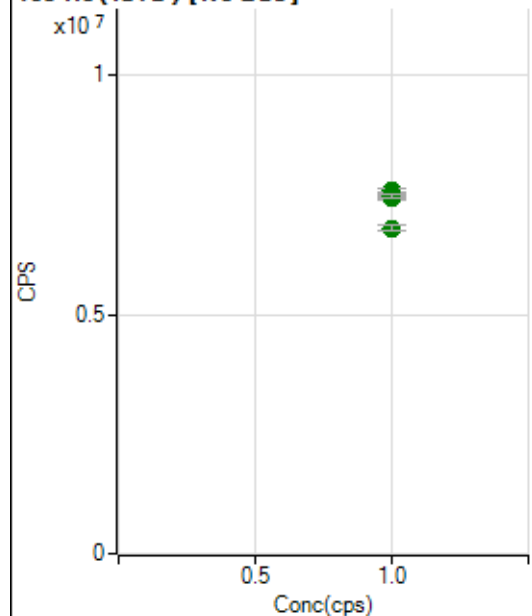
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1751243.44		A	1.4
2	☐	1.000		1731607.87		A	0.5
3	☐	1.000		1695056.16		A	2.0
4	☐	1.000		1662893.10		A	0.3
5	☐	1.000		1601543.84		M	1.8
6	☐	1.000		1553990.14		M	4.4
7	☐	1.000		1520246.65		P	0.7
8	☐	1.000		1374964.84		P	0.7

159 Tb (ISTD) [No Gas]

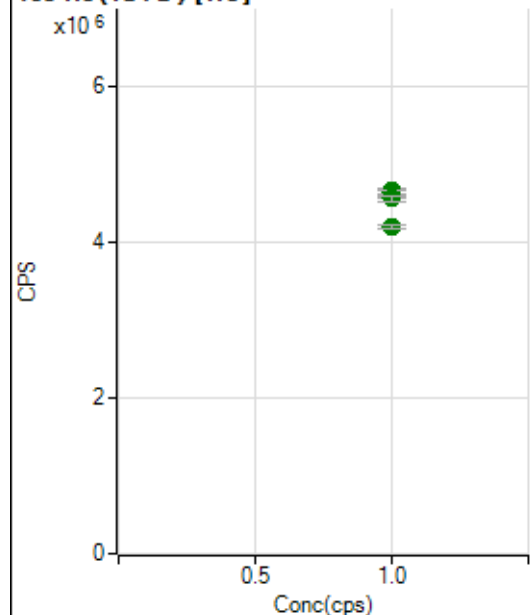
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7756521.97		A	0.7
2	☐	1.000		7865991.90		A	0.2
3	☐	1.000		7763419.40		A	0.6
4	☐	1.000		7739560.09		A	1.0
5	☐	1.000		7762374.12		A	1.3
6	☐	1.000		7683729.89		A	0.6
7	☐	1.000		7645024.12		A	1.6
8	☐	1.000		7013603.65		A	1.9

159 Tb (ISTD) [He]

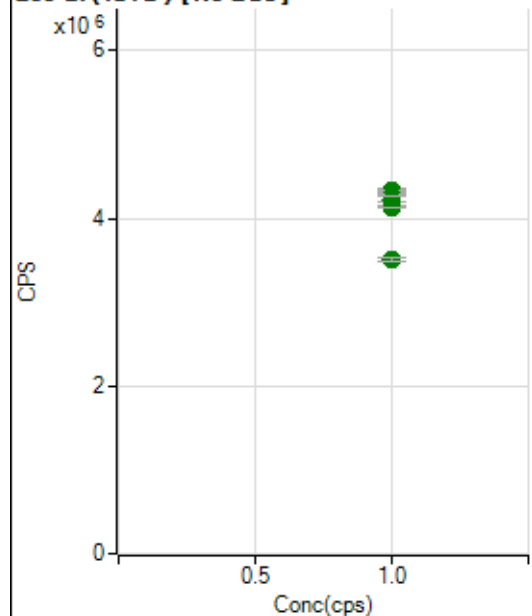
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4586250.90		A	0.8
2	☐	1.000		4596803.58		A	1.0
3	☐	1.000		4566084.41		A	0.8
4	☐	1.000		4473338.54		A	0.7
5	☐	1.000		4518384.55		A	1.9
6	☐	1.000		4493961.95		A	2.8
7	☐	1.000		4483121.32		A	0.9
8	☐	1.000		4115229.90		A	1.5

165 Ho (ISTD) [No Gas]

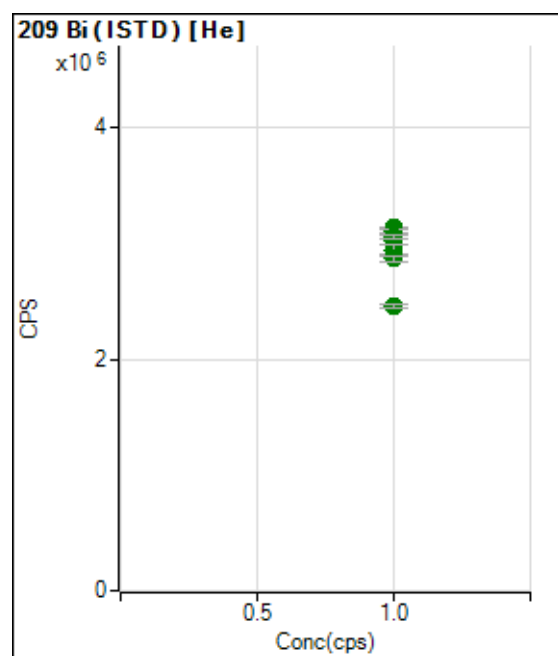
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7441127.53		A	1.3
2	☐	1.000		7584748.15		A	1.0
3	☐	1.000		7567280.23		A	1.4
4	☐	1.000		7478707.04		A	1.1
5	☐	1.000		7536118.43		A	0.3
6	☐	1.000		7437505.58		A	0.7
7	☐	1.000		7462706.90		A	1.1
8	☐	1.000		6812194.69		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4646758.65		A	1.5
2	☐	1.000		4640156.53		A	1.3
3	☐	1.000		4656970.07		A	1.4
4	☐	1.000		4575647.29		A	0.5
5	☐	1.000		4634494.86		A	0.8
6	☐	1.000		4583971.49		A	3.1
7	☐	1.000		4556825.80		A	1.4
8	☐	1.000		4193745.60		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4278468.41		A	0.8
2	☐	1.000		4326800.87		A	1.8
3	☐	1.000		4317130.18		A	0.4
4	☐	1.000		4276949.21		A	0.5
5	☐	1.000		4228720.84		A	1.6
6	☐	1.000		4150009.83		A	0.1
7	☐	1.000		4127623.06		A	0.5
8	☐	1.000		3511268.80		A	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3104761.83		A	1.1
2	☐	1.000		3131519.15		A	0.7
3	☐	1.000		3096194.22		A	2.1
4	☐	1.000		3014902.56		A	1.6
5	☐	1.000		3053494.96		A	1.1
6	☐	1.000		2941928.77		A	2.8
7	☐	1.000		2867553.60		A	1.8
8	☐	1.000		2459339.91		A	1.0

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7111623-MS2.b

Acq. Date-Time 2023-11-16 11:07:45

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		7150	71496.67			0.416	5.000
24		41167	411673.76			0.599	5.000
25		5253	52531.10			0.659	5.000
26		6074	60735.53			0.460	5.000
59		49786	497863.78			0.470	5.000
113		7674	76743.09			0.305	5.000
115		95382	953817.23			1.011	5.000
206		19202	192019.50			0.470	5.000
207		17177	171771.06			0.703	5.000
208		40933	409327.24			0.504	5.000
220		0	2.40			27.163	

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

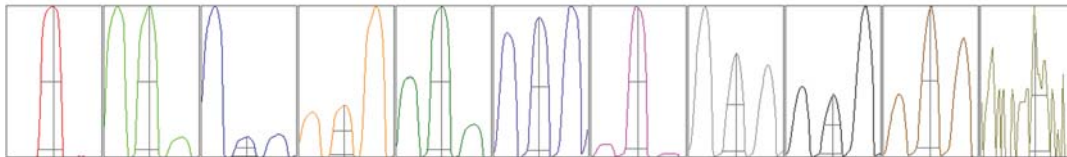
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7126	7174	7186	7145	7118
24	40782	41060	41336	41366	41292
25	5201	5247	5249	5286	5283
26	6029	6072	6082	6105	6080
59	49697	50039	50033	49546	49617
113	7689	7703	7666	7641	7672
115	95431	96043	96504	94053	94877
206	19165	19299	19278	19193	19075
207	17078	17342	17164	17051	17251
208	40765	41107	41202	40773	40817

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	11390.84	9.00	8.90 - 9.10	
24	69658.93	23.95	23.90 - 24.10	
25	9006.00	24.95	24.90 - 25.10	
26	10321.23	25.95	25.90 - 26.10	
59	83381.18	58.95	58.90 - 59.10	
113	14304.95	112.95	112.90 - 113.10	
115	178107.35	115.00	114.90 - 115.10	
206	38725.00	206.05	205.90 - 206.10	
207	34316.71	207.00	206.90 - 207.10	
208	81990.04	208.00	207.90 - 208.10	
220	0.45	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.781	0.900	
24	0.62	0.743	0.900	
25	0.61	0.748	0.900	
26	0.61	0.745	0.900	
59	0.61	0.745	0.900	
113	0.54	0.728	0.900	
115	0.54	0.709	0.900	
206	0.51	0.719	0.900	
207	0.51	0.727	0.900	
208	0.51	0.738	0.900	
220	0.49	0.635		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.1 V	Deflect	15.2 V
Extract 2	-100.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-55 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	190 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.8 mm
---------	---------	---------	--------

EM

Discriminator	4.6 mV	Analog HV	2296 V	Pulse HV	1351 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		14747	147467.19			1.274	
89		21541	215407.86			1.753	
205		19572	195722.07			0.886	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	14996	14848	14750	14626	14514
89	22108	21634	21546	21301	21114
205	19679	19788	19594	19436	19364

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	8.8 V	Deflect	2.4 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	160 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.8 mm
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EM

Discriminator	4.6 mV	Analog HV	2296 V	Pulse HV	1351 V
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LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 11:53:57	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.09	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-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	0.01	0.05	-0.06	0.00	N/A	ppb
Cadmium	106-1	0.08	0.42	-0.50	0.00	N/A	ppb
Cadmium	111-1	0.01	0.03	-0.04	0.00	N/A	ppb
Calcium	43-1	-2.49	-2.16	4.65	0.00	N/A	ppb
Calcium	44-1	-0.31	-0.88	1.19	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	-0.04	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.12	-0.05	0.17	0.00	N/A	ppb
Iron	57-2	1.91	-0.71	-1.19	0.00	N/A	ppb
Iron	54-2	0.50	-0.55	0.05	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 11:53:57	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.08	0.33	-0.25	0.00	N/A	ppb
Manganese	55-2	0.02	-0.03	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.03	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	-0.05	-0.04	0.09	0.00	N/A	ppb
Phosphorus	31-2	-17.97	-19.60	-3.28	-13.62		ppb
Potassium	39-2	-4.29	2.79	1.50	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.29	-0.32	0.03	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.31	-0.32	0.00	N/A	ppb
Silicon	28-1	0.02	0.05	-0.07	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	-0.14	0.02	0.12	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	50.27	38.38	4.18	30.94	77.34	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.01	0.01	0.00	N/A	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 11:53:57	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	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.18	0.15	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:00:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.66	21.33	21.50	21.16	2.09	ppb
Antimony	121-1	1.76	1.80	1.83	1.80	1.96	ppb
Arsenic	75-2	1.24	1.20	0.92	1.12	15.64	ppb
Barium	135-1	8.98	8.95	9.03	8.99	0.47	ppb
Barium	137-1	8.89	8.90	8.86	8.88	0.24	ppb
Beryllium	9-1	0.93	0.95	1.01	0.96	4.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	1.24	0.92	1.03	17.94	ppb
Cadmium	106-1	-0.41	-0.06	0.81	0.11	543.11	ppb
Cadmium	111-1	1.04	0.90	1.07	1.00	9.32	ppb
Calcium	43-1	479.44	466.42	491.67	479.18	2.64	ppb
Calcium	44-1	467.29	477.78	475.27	473.45	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.88	1.90	1.88	0.82	ppb
Cobalt	59-2	1.08	0.96	1.04	1.02	5.68	ppb
Copper	63-2	2.05	1.86	1.80	1.90	7.04	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				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	50.90	50.37	49.63	50.30	1.26	ppb
Iron	57-2	57.97	51.93	56.60	55.50	5.71	ppb
Iron	54-2	52.00	49.96	51.79	51.25	2.19	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:00:30	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.78	0.78	0.75	0.77	2.63	ppb
Lead	207-1	0.79	0.76	0.80	0.78	2.50	ppb
Lead	208-1	0.79	0.79	0.80	0.79	0.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	486.19	484.69	479.50	483.46	0.73	ppb
Manganese	55-2	0.99	1.00	0.95	0.98	2.52	ppb
Molybdenum	94-1	4.99	5.20	5.15	5.11	2.20	ppb
Molybdenum	95-1	4.29	4.28	4.24	4.27	0.60	ppb
Molybdenum	96-1	4.38	4.43	4.42	4.41	0.60	ppb
Molybdenum	97-1	4.34	4.32	4.44	4.37	1.47	ppb
Molybdenum	98-1	4.30	4.42	4.43	4.38	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.07	1.15	1.09	4.35	ppb
Phosphorus	31-2	11.27	15.53	14.05	13.62	15.88	ppb
Potassium	39-2	482.77	483.45	479.94	482.06	0.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	4.22	3.96	5.00	4.39	12.27	ppb
Selenium	77-2	3.93	7.85	5.08	5.62	35.88	ppb
Selenium	78-2	6.58	4.56	7.16	6.10	22.37	ppb
Silicon	28-1	0.68	0.52	0.60	0.60	13.52	ppb
Silver	107-1	0.97	0.95	0.93	0.95	2.13	ppb
Silver	109-1	0.91	0.95	0.99	0.95	4.61	ppb
Sodium	23-2	477.16	471.96	472.04	473.72	0.63	ppb
Strontium	86-1	0.88	0.84	0.88	0.87	2.63	ppb
Strontium	88-1	0.87	0.88	0.89	0.88	0.89	ppb
Sulfur	34-1	-101.47	47.10	-38.45	-30.94		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.80	0.81	0.85	0.82	3.49	ppb
Thallium	205-1	0.80	0.80	0.80	0.80	0.12	ppb
Tin	118-1	4.52	4.55	4.64	4.57	1.42	ppb
Titanium	47-1	5.05	4.68	4.95	4.89	3.90	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:00:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.77	0.76	0.76	0.90	ppb
Vanadium	51-2	4.87	4.82	4.66	4.78	2.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.50	2.46	2.54	2.50	1.66	ppb
Zirconium	90-1	0.85	0.88	0.88	0.87	1.88	ppb
Zirconium	91-1	0.87	0.85	0.93	0.88	4.64	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:03:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1033.13	1040.92	1041.15	1038.40	0.44	ppb
Antimony	121-1	51.33	50.94	51.67	51.31	0.71	ppb
Arsenic	75-2	52.15	51.12	52.26	51.84	1.22	ppb
Barium	135-1	246.53	246.28	247.35	246.72	0.23	ppb
Barium	137-1	247.12	245.86	250.11	247.70	0.88	ppb
Beryllium	9-1	54.84	55.23	53.83	54.63	1.32	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.63	52.66	53.49	53.26	0.98	ppb
Cadmium	106-1	54.58	56.03	54.14	54.92	1.79	ppb
Cadmium	111-1	54.91	54.80	55.55	55.09	0.73	ppb
Calcium	43-1	5751.74	5802.03	5748.43	5767.40	0.52	ppb
Calcium	44-1	5227.37	5353.42	5256.52	5279.10	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.95	51.23	52.29	51.49	1.38	ppb
Cobalt	59-2	51.26	52.04	52.13	51.81	0.92	ppb
Copper	63-2	527.76	526.81	533.20	529.26	0.65	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2608.57	2642.32	2621.66	2624.18	0.65	ppb
Iron	57-2	2799.72	2797.38	2805.48	2800.86	0.15	ppb
Iron	54-2	2764.99	2805.25	2814.30	2794.85	0.94	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:03:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	223.94	230.57	229.14	227.88	1.53	ppb
Lead	207-1	222.35	224.48	227.24	224.69	1.09	ppb
Lead	208-1	236.77	234.60	238.78	236.72	0.89	ppb
Lithium	6-1				99		%
Magnesium	24-2	5237.92	5201.76	5312.35	5250.68	1.07	ppb
Manganese	55-2	516.26	516.82	517.99	517.02	0.17	ppb
Molybdenum	94-1	500.06	508.09	510.53	506.23	1.08	ppb
Molybdenum	95-1	502.58	514.24	505.44	507.42	1.20	ppb
Molybdenum	96-1	508.25	518.84	507.61	511.56	1.23	ppb
Molybdenum	97-1	499.94	513.67	509.43	507.68	1.38	ppb
Molybdenum	98-1	512.25	506.70	518.86	512.60	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.02	53.81	53.40	53.41	0.74	ppb
Phosphorus	31-2	984.69	1008.37	1047.98	1013.68	3.15	ppb
Potassium	39-2	2659.88	2645.60	2707.78	2671.09	1.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	53.61	54.63	53.65	53.96	1.07	ppb
Selenium	77-2	52.48	52.15	63.27	55.97	11.30	ppb
Selenium	78-2	54.64	57.43	53.42	55.16	3.74	ppb
Silicon	28-1	56.49	55.88	56.46	56.28	0.61	ppb
Silver	107-1	54.56	54.89	55.09	54.84	0.49	ppb
Silver	109-1	55.02	54.76	54.89	54.89	0.23	ppb
Sodium	23-2	4980.55	5079.77	5174.30	5078.21	1.91	ppb
Strontium	86-1	1256.69	1284.54	1287.21	1276.15	1.32	ppb
Strontium	88-1	1272.86	1284.98	1291.15	1283.00	0.73	ppb
Sulfur	34-1	1148.87	1227.87	1101.51	1159.42	5.51	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	45.51	45.59	46.11	45.74	0.72	ppb
Thallium	205-1	44.98	45.16	45.28	45.14	0.33	ppb
Tin	118-1	51.11	51.61	51.06	51.26	0.60	ppb
Titanium	47-1	507.85	514.19	506.45	509.50	0.81	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:03:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.41	42.88	43.21	42.83	0.94	ppb
Vanadium	51-2	50.48	50.71	51.07	50.75	0.59	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	537.23	538.72	548.64	541.53	1.15	ppb
Zirconium	90-1	49.99	50.92	50.95	50.62	1.08	ppb
Zirconium	91-1	49.48	50.72	50.80	50.33	1.47	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:06:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2575.72	2556.97	2563.60	2565.43	0.37	ppb
Antimony	121-1	125.68	124.48	126.46	125.54	0.79	ppb
Arsenic	75-2	135.20	128.69	128.55	130.81	2.91	ppb
Barium	135-1	609.92	603.79	609.26	607.65	0.55	ppb
Barium	137-1	612.69	604.03	612.33	609.68	0.80	ppb
Beryllium	9-1	129.69	135.82	134.61	133.37	2.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.02	133.12	135.76	133.30	1.78	ppb
Cadmium	106-1	130.37	130.53	130.73	130.54	0.13	ppb
Cadmium	111-1	135.79	133.11	133.07	133.99	1.16	ppb
Calcium	43-1	14292.33	14413.06	14441.57	14382.32	0.55	ppb
Calcium	44-1	13102.06	13078.61	13219.88	13133.51	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.98	126.03	127.91	127.31	0.87	ppb
Cobalt	59-2	128.07	127.78	128.83	128.22	0.42	ppb
Copper	63-2	1344.43	1311.38	1330.21	1328.67	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	6596.24	6511.19	6540.80	6549.41	0.66	ppb
Iron	57-2	6908.63	6836.80	6914.22	6886.55	0.63	ppb
Iron	54-2	6918.34	6892.02	6848.39	6886.25	0.51	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:06:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	628.05	610.66	617.71	618.81	1.41	ppb
Lead	207-1	623.83	611.59	619.19	618.20	1.00	ppb
Lead	208-1	619.04	611.84	611.54	614.14	0.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	12892.79	12712.91	12944.97	12850.22	0.95	ppb
Manganese	55-2	1284.78	1270.35	1274.93	1276.69	0.58	ppb
Molybdenum	94-1	1263.51	1261.06	1271.99	1265.52	0.45	ppb
Molybdenum	95-1	1265.01	1265.52	1275.55	1268.69	0.47	ppb
Molybdenum	96-1	1282.84	1262.19	1271.28	1272.10	0.81	ppb
Molybdenum	97-1	1257.97	1265.65	1264.79	1262.81	0.33	ppb
Molybdenum	98-1	1265.79	1271.06	1253.61	1263.49	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.29	133.32	130.33	132.31	1.30	ppb
Phosphorus	31-2	2576.11	2615.83	2545.17	2579.04	1.37	ppb
Potassium	39-2	6338.63	6244.96	6468.25	6350.61	1.77	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	132.19	135.21	131.51	132.97	1.48	ppb
Selenium	77-2	138.03	125.90	132.38	132.10	4.59	ppb
Selenium	78-2	136.47	138.06	139.19	137.91	0.99	ppb
Silicon	28-1	134.29	133.58	134.69	134.19	0.42	ppb
Silver	107-1	133.05	130.41	132.89	132.12	1.12	ppb
Silver	109-1	133.59	130.93	132.84	132.45	1.03	ppb
Sodium	23-2	12685.65	12612.17	12435.35	12577.72	1.02	ppb
Strontium	86-1	3181.99	3136.23	3132.54	3150.25	0.87	ppb
Strontium	88-1	3120.69	3169.72	3212.57	3167.66	1.45	ppb
Sulfur	34-1	2684.05	2670.23	2702.54	2685.61	0.60	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	112.97	113.70	114.30	113.66	0.58	ppb
Thallium	205-1	112.54	111.79	113.26	112.53	0.65	ppb
Tin	118-1	126.68	125.50	127.21	126.46	0.69	ppb
Titanium	47-1	1262.80	1277.07	1272.56	1270.81	0.57	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:06:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	121.21	118.96	119.54	119.90	0.97	ppb
Vanadium	51-2	127.02	124.80	126.31	126.04	0.90	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	1322.25	1309.33	1333.06	1321.55	0.90	ppb
Zirconium	90-1	124.04	126.40	125.00	125.14	0.95	ppb
Zirconium	91-1	125.44	125.94	125.49	125.62	0.22	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:09:54	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5029.55	5225.57	5095.05	5116.72	1.95	ppb
Antimony	121-1	245.57	252.56	247.10	248.41	1.48	ppb
Arsenic	75-2	255.49	260.65	259.85	258.66	1.07	ppb
Barium	135-1	1257.15	1290.87	1248.85	1265.62	1.76	ppb
Barium	137-1	1246.30	1284.96	1270.28	1267.18	1.54	ppb
Beryllium	9-1	255.97	264.87	253.85	258.23	2.27	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	263.72	273.27	262.40	266.47	2.23	ppb
Cadmium	106-1	262.77	270.07	253.63	262.16	3.14	ppb
Cadmium	111-1	262.41	265.50	260.46	262.79	0.97	ppb
Calcium	43-1	28496.66	28817.57	28645.18	28653.14	0.56	ppb
Calcium	44-1	25954.82	26626.16	26169.93	26250.30	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.16	257.74	251.74	252.55	1.92	ppb
Cobalt	59-2	251.57	261.47	251.86	254.97	2.21	ppb
Copper	63-2	2580.45	2674.72	2625.12	2626.77	1.80	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				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	12988.60	13412.30	12888.34	13096.41	2.12	ppb
Iron	57-2	13498.51	13998.76	13671.62	13722.96	1.85	ppb
Iron	54-2	13619.31	13923.05	13638.96	13727.11	1.24	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:09:54	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1270.56	1273.78	1238.94	1261.09	1.53	ppb
Lead	207-1	1246.25	1273.96	1225.92	1248.71	1.93	ppb
Lead	208-1	1253.30	1269.81	1225.64	1249.58	1.79	ppb
Lithium	6-1				98		%
Magnesium	24-2	25416.44	25836.69	25707.82	25653.65	0.84	ppb
Manganese	55-2	2481.79	2625.02	2527.74	2544.85	2.87	ppb
Molybdenum	94-1	2482.01	2460.72	2466.95	2469.89	0.44	ppb
Molybdenum	95-1	2544.90	2488.12	2472.50	2501.84	1.52	ppb
Molybdenum	96-1	2532.51	2501.69	2478.44	2504.22	1.08	ppb
Molybdenum	97-1	2543.83	2527.21	2478.00	2516.34	1.36	ppb
Molybdenum	98-1	2547.33	2502.23	2503.68	2517.75	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.69	268.62	260.32	262.88	1.90	ppb
Phosphorus	31-2	4957.34	5256.68	5008.16	5074.06	3.16	ppb
Potassium	39-2	12377.31	12979.91	12667.67	12674.96	2.38	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	261.44	260.65	254.68	258.93	1.43	ppb
Selenium	77-2	270.39	296.79	248.58	271.92	8.88	ppb
Selenium	78-2	256.22	270.16	265.94	264.10	2.71	ppb
Silicon	28-1	265.75	269.67	263.42	266.28	1.19	ppb
Silver	107-1	255.11	261.15	255.63	257.29	1.30	ppb
Silver	109-1	256.46	260.87	256.74	258.02	0.96	ppb
Sodium	23-2	24964.22	26092.78	25078.24	25378.41	2.45	ppb
Strontium	86-1	6373.94	6237.39	6268.19	6293.17	1.14	ppb
Strontium	88-1	6250.94	6224.40	6181.58	6218.97	0.56	ppb
Sulfur	34-1	5116.72	5278.46	5028.77	5141.32	2.46	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	233.88	232.47	226.81	231.05	1.62	ppb
Thallium	205-1	255.70	248.40	245.66	249.92	2.08	ppb
Tin	118-1	244.70	251.50	248.35	248.18	1.37	ppb
Titanium	47-1	2501.92	2555.76	2462.68	2506.79	1.86	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:09:54	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	245.95	247.14	243.65	245.58	0.72	ppb
Vanadium	51-2	248.89	257.58	248.63	251.70	2.02	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	2580.01	2694.44	2595.59	2623.35	2.37	ppb
Zirconium	90-1	253.54	248.94	248.82	250.43	1.07	ppb
Zirconium	91-1	250.26	248.33	247.66	248.75	0.54	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:12:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9815.43	10543.74	10112.22	10157.13	3.61	ppb
Antimony	121-1	507.22	514.80	498.76	506.93	1.58	ppb
Arsenic	75-2	502.71	528.38	527.98	519.69	2.83	ppb
Barium	135-1	2556.25	2606.00	2496.93	2553.06	2.14	ppb
Barium	137-1	2535.52	2548.84	2523.55	2535.97	0.50	ppb
Beryllium	9-1	513.32	527.59	518.00	519.64	1.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.24	518.45	510.92	513.87	0.78	ppb
Cadmium	106-1	520.77	510.68	508.98	513.48	1.24	ppb
Cadmium	111-1	521.54	517.93	508.02	515.83	1.36	ppb
Calcium	43-1	57102.67	57409.33	56858.40	57123.46	0.48	ppb
Calcium	44-1	52449.61	52748.28	53196.71	52798.20	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.85	521.74	505.15	504.25	3.56	ppb
Cobalt	59-2	484.33	519.34	502.63	502.10	3.49	ppb
Copper	63-2	4987.46	5375.61	5134.06	5165.71	3.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	24966.67	26730.80	25954.91	25884.13	3.42	ppb
Iron	57-2	26220.11	28279.30	27339.39	27279.60	3.78	ppb
Iron	54-2	25761.00	27577.43	26372.12	26570.18	3.48	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:12:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2534.59	2506.46	2535.45	2525.50	0.65	ppb
Lead	207-1	2527.88	2557.89	2511.43	2532.40	0.93	ppb
Lead	208-1	2526.05	2549.79	2525.62	2533.82	0.55	ppb
Lithium	6-1				94		%
Magnesium	24-2	49136.61	52782.07	50780.02	50899.56	3.59	ppb
Manganese	55-2	4838.77	5126.96	5054.87	5006.86	3.00	ppb
Molybdenum	94-1	5012.29	5122.41	5056.21	5063.64	1.09	ppb
Molybdenum	95-1	5058.49	5126.54	5050.17	5078.40	0.83	ppb
Molybdenum	96-1	5061.16	5074.53	4995.37	5043.68	0.84	ppb
Molybdenum	97-1	5104.26	5093.10	5021.95	5073.10	0.88	ppb
Molybdenum	98-1	5026.76	5115.62	5092.56	5078.32	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.36	532.93	512.92	513.74	3.66	ppb
Phosphorus	31-2	9855.53	10469.68	10185.54	10170.25	3.02	ppb
Potassium	39-2	24395.28	26015.54	25117.22	25176.02	3.22	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	515.31	517.21	520.57	517.70	0.51	ppb
Selenium	77-2	509.06	542.17	531.54	527.59	3.20	ppb
Selenium	78-2	498.85	545.79	526.04	523.56	4.50	ppb
Silicon	28-1	521.45	529.38	518.19	523.01	1.10	ppb
Silver	107-1	526.54	524.56	510.47	520.52	1.68	ppb
Silver	109-1	521.92	517.60	508.24	515.92	1.36	ppb
Sodium	23-2	48679.51	52093.46	50222.57	50331.84	3.40	ppb
Strontium	86-1	12566.62	12660.91	12576.91	12601.48	0.41	ppb
Strontium	88-1	12493.30	12742.01	12802.43	12679.25	1.29	ppb
Sulfur	34-1	9994.58	10333.62	10249.83	10192.68	1.73	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	508.41	513.32	511.25	510.99	0.48	ppb
Thallium	205-1	505.89	495.32	503.06	501.43	1.09	ppb
Tin	118-1	513.50	513.69	497.58	508.26	1.82	ppb
Titanium	47-1	5050.48	5143.15	5083.56	5092.40	0.92	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:12:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.69	502.01	507.19	502.30	0.95	ppb
Vanadium	51-2	484.03	522.41	503.78	503.41	3.81	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	4978.04	5349.62	5152.53	5160.06	3.60	ppb
Zirconium	90-1	502.70	504.63	508.81	505.38	0.62	ppb
Zirconium	91-1	499.40	507.58	501.76	502.91	0.84	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:15:45	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19895.82	19458.40	19666.72	19673.65	1.11	ppb
Antimony	121-1	972.86	997.28	1020.27	996.80	2.38	ppb
Arsenic	75-2	979.93	988.95	992.63	987.17	0.66	ppb
Barium	135-1	4868.18	4972.37	5075.14	4971.90	2.08	ppb
Barium	137-1	4887.81	4989.07	5062.36	4979.75	1.76	ppb
Beryllium	9-1	954.81	1006.04	999.68	986.84	2.83	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	957.45	995.48	1010.31	987.75	2.76	ppb
Cadmium	106-1	961.85	992.42	1013.59	989.28	2.63	ppb
Cadmium	111-1	968.81	988.58	1005.14	987.51	1.84	ppb
Calcium	43-1	108622.62	111886.37	111313.58	110607.52	1.58	ppb
Calcium	44-1	100720.15	105874.91	103305.63	103300.23	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.16	1002.61	1000.85	996.88	0.85	ppb
Cobalt	59-2	1002.15	995.25	994.24	997.21	0.43	ppb
Copper	63-2	10013.13	9850.91	9758.43	9874.16	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	51095.44	50961.39	51069.45	51042.09	0.14	ppb
Iron	57-2	52776.73	50882.44	52368.48	52009.22	1.92	ppb
Iron	54-2	52336.31	51384.97	51532.30	51751.19	0.99	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:15:45	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4896.35	5044.08	5018.64	4986.36	1.58	ppb
Lead	207-1	4892.02	5111.88	4954.81	4986.24	2.27	ppb
Lead	208-1	4873.45	5091.74	4990.46	4985.22	2.19	ppb
Lithium	6-1				93		%
Magnesium	24-2	100735.90	99183.96	100137.48	100019.11	0.78	ppb
Manganese	55-2	10011.56	9913.10	10018.85	9981.17	0.59	ppb
Molybdenum	94-1	9769.82	10114.56	10035.99	9973.46	1.81	ppb
Molybdenum	95-1	9695.34	10095.10	10082.46	9957.63	2.28	ppb
Molybdenum	96-1	9746.52	10048.62	10126.15	9973.76	2.01	ppb
Molybdenum	97-1	9678.93	10123.35	10069.86	9957.38	2.44	ppb
Molybdenum	98-1	9714.58	10152.10	9995.59	9954.09	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.07	981.67	990.74	988.83	0.65	ppb
Phosphorus	31-2	19987.19	19775.75	19894.45	19885.80	0.53	ppb
Potassium	39-2	50199.14	49852.17	49460.27	49837.19	0.74	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	970.49	1000.20	992.49	987.73	1.56	ppb
Selenium	77-2	969.50	983.74	985.36	979.54	0.89	ppb
Selenium	78-2	969.27	976.95	1002.24	982.82	1.76	ppb
Silicon	28-1	976.29	1006.66	966.22	983.06	2.14	ppb
Silver	107-1	959.14	1006.94	994.28	986.78	2.51	ppb
Silver	109-1	970.67	994.76	1001.15	988.86	1.63	ppb
Sodium	23-2	99738.82	98640.19	97587.33	98655.45	1.09	ppb
Strontium	86-1	24293.99	25245.84	25262.18	24934.00	2.22	ppb
Strontium	88-1	24279.48	25428.99	25024.98	24911.15	2.34	ppb
Sulfur	34-1	19350.04	20385.06	19776.39	19837.16	2.62	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	992.79	1008.38	1001.44	1000.87	0.78	ppb
Thallium	205-1	1001.32	998.52	1003.49	1001.11	0.25	ppb
Tin	118-1	972.71	995.69	1019.85	996.08	2.37	ppb
Titanium	47-1	9636.70	10216.09	9994.29	9949.03	2.94	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:15:45	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	974.84	1016.41	1011.61	1000.95	2.27	ppb
Vanadium	51-2	1008.22	991.50	993.40	997.70	0.92	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	9979.05	9818.24	9837.05	9878.11	0.89	ppb
Zirconium	90-1	978.57	1008.06	1004.83	997.15	1.62	ppb
Zirconium	91-1	964.06	1026.95	1005.27	998.76	3.20	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:18:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100770.37	100034.57	99320.16	100041.70	0.72	ppb
Antimony	121-1	0.68	0.71	0.74	0.71	3.67	ppb
Arsenic	75-2	0.54	0.60	0.69	0.61	12.45	ppb
Barium	135-1	3.17	3.05	2.76	2.99	7.02	ppb
Barium	137-1	3.07	2.90	2.94	2.97	3.02	ppb
Beryllium	9-1	0.68	0.58	0.49	0.58	16.19	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	0.88	0.47	0.76	32.94	ppb
Cadmium	106-1	-1.61	-0.48	-1.11	-1.07		ppb
Cadmium	111-1	0.43	0.52	0.52	0.49	10.46	ppb
Calcium	43-1	485076.99	501603.35	504106.01	496928.78	2.08	ppb
Calcium	44-1	491007.80	505864.79	500064.46	498979.02	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.83	2.50	2.62	2.65	6.43	ppb
Cobalt	59-2	2.68	2.81	2.94	2.81	4.63	ppb
Copper	63-2	2.47	2.34	2.27	2.36	4.26	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				92		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				79		%
Iron	56-2	250524.10	248890.61	249579.15	249664.62	0.33	ppb
Iron	57-2	251536.81	249001.70	247331.86	249290.12	0.85	ppb
Iron	54-2	249906.34	248590.26	249741.00	249412.53	0.29	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:18:35	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.32	2.33	2.30	2.32	0.68	ppb
Lead	207-1	2.39	2.17	2.12	2.23	6.45	ppb
Lead	208-1	2.36	2.28	2.23	2.29	2.75	ppb
Lithium	6-1				84		%
Magnesium	24-2	499264.23	502801.44	497521.20	499862.29	0.54	ppb
Manganese	55-2	5.06	4.96	4.81	4.94	2.54	ppb
Molybdenum	94-1	3.07	2.80	2.78	2.88	5.62	ppb
Molybdenum	95-1	2.48	2.27	2.11	2.28	8.05	ppb
Molybdenum	96-1	5.23	4.92	4.88	5.01	3.87	ppb
Molybdenum	97-1	2.51	2.21	2.12	2.28	8.96	ppb
Molybdenum	98-1	2.38	2.01	1.92	2.10	11.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.72	3.41	3.34	3.49	5.82	ppb
Phosphorus	31-2	0.64	2.16	0.75	1.18	71.69	ppb
Potassium	39-2	250648.92	250049.05	249308.09	250002.02	0.27	ppb
Rhodium	103-1				77		%
Rhodium	103-2				75		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	82-1	6.15	5.58	6.98	6.24	11.28	ppb
Selenium	77-2	4.58	5.26	5.92	5.26	12.75	ppb
Selenium	78-2	5.30	6.12	7.51	6.31	17.75	ppb
Silicon	28-1	12.57	15.33	15.57	14.49	11.49	ppb
Silver	107-1	0.29	0.24	0.24	0.26	10.56	ppb
Silver	109-1	0.25	0.26	0.22	0.24	9.44	ppb
Sodium	23-2	506302.02	497608.87	496731.43	500214.11	1.06	ppb
Strontium	86-1	4.62	3.99	3.77	4.13	10.72	ppb
Strontium	88-1	4.55	4.01	3.65	4.07	11.17	ppb
Sulfur	34-1	26.66	342.08	461.08	276.60	81.16	ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.25	0.22	0.16	0.21	21.08	ppb
Thallium	205-1	0.22	0.21	0.18	0.20	12.07	ppb
Tin	118-1	0.55	0.53	0.55	0.54	2.40	ppb
Titanium	47-1	1.95	1.95	1.80	1.90	4.43	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:18:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.29	0.29	0.29	1.02	ppb
Vanadium	51-2	0.28	0.23	0.27	0.26	9.64	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%
Zinc	66-2	10.06	9.29	10.29	9.88	5.27	ppb
Zirconium	90-1	0.48	0.45	0.44	0.46	4.68	ppb
Zirconium	91-1	0.51	0.44	0.46	0.47	7.55	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P7
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:33:42	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.62	502.87	495.98	499.16	0.70	ppb
Antimony	121-1	178.35	184.96	203.54	188.95	6.91	ppb
Arsenic	75-2	207.93	197.12	199.51	201.52	2.82	ppb
Barium	135-1	89.40	89.95	100.49	93.28	6.70	ppb
Barium	137-1	88.38	91.37	100.28	93.34	6.63	ppb
Beryllium	9-1	96.19	99.23	107.82	101.08	5.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	83.25	84.10	89.44	85.60	3.92	ppb
Cadmium	106-1	76.79	76.02	87.30	80.04	7.88	ppb
Cadmium	111-1	97.80	99.13	111.45	102.79	7.32	ppb
Calcium	43-1	1748.22	1905.93	2029.32	1894.49	7.44	ppb
Calcium	44-1	1797.37	1885.36	2035.24	1905.99	6.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.04	96.95	95.70	96.56	0.78	ppb
Cobalt	59-2	98.48	96.82	97.69	97.66	0.85	ppb
Copper	63-2	97.09	96.80	97.21	97.03	0.22	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				97		%
Indium	115-2				96		%
Iron	56-2	1958.79	1967.51	1941.37	1955.89	0.68	ppb
Iron	57-2	2010.46	2018.96	2014.35	2014.59	0.21	ppb
Iron	54-2	2110.11	2066.13	2073.17	2083.14	1.13	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P7
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:33:42	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	186.39	191.14	206.95	194.83	5.53	ppb
Lead	207-1	179.24	182.35	203.36	188.32	6.97	ppb
Lead	208-1	181.60	187.47	204.66	191.24	6.27	ppb
Lithium	6-1				96		%
Magnesium	24-2	1112.89	1094.39	1119.10	1108.79	1.16	ppb
Manganese	55-2	97.41	97.10	96.20	96.90	0.65	ppb
Molybdenum	94-1	0.50	0.49	0.57	0.52	8.65	ppb
Molybdenum	95-1	0.53	0.62	0.56	0.57	7.72	ppb
Molybdenum	96-1	0.53	0.61	0.60	0.58	7.25	ppb
Molybdenum	97-1	0.57	0.56	0.63	0.59	6.57	ppb
Molybdenum	98-1	0.54	0.59	0.62	0.58	6.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.23	100.64	102.85	101.57	1.12	ppb
Phosphorus	31-2	-8.62	-12.45	-7.83	-9.63		ppb
Potassium	39-2	1906.76	1906.15	1931.93	1914.95	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	193.94	210.05	218.22	207.40	5.96	ppb
Selenium	77-2	199.50	216.68	201.56	205.91	4.56	ppb
Selenium	78-2	222.98	213.02	198.34	211.45	5.86	ppb
Silicon	28-1	-0.42	-0.56	0.23	-0.25		ppb
Silver	107-1	43.32	44.01	49.12	45.48	6.97	ppb
Silver	109-1	43.66	44.86	49.12	45.88	6.26	ppb
Sodium	23-2	1922.63	1903.99	1924.58	1917.07	0.59	ppb
Strontium	86-1	0.24	0.31	0.25	0.27	15.25	ppb
Strontium	88-1	0.27	0.27	0.30	0.28	5.33	ppb
Sulfur	34-1	-310.82	111.50	683.67	161.45	309.15	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	183.49	189.49	206.92	193.30	6.30	ppb
Thallium	205-1	200.86	207.32	223.08	210.42	5.43	ppb
Tin	118-1	0.03	0.02	0.03	0.03	15.27	ppb
Titanium	47-1	0.06	0.06	0.16	0.09	61.70	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P7
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:33:42	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.01	0.00	27.18	ppb
Vanadium	51-2	92.96	91.89	93.00	92.62	0.68	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	196.50	193.92	195.82	195.42	0.69	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	92.87	ppb
Zirconium	91-1	0.05	0.09	0.06	0.07	32.76	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P7
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:50:39	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.30	0.12	0.19	51.17	ppb
Antimony	121-1	0.04	0.06	0.06	0.05	15.85	ppb
Arsenic	75-2	0.04	-0.01	-0.01	0.01	485.13	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.00	0.00	204.00	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	31.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-4.60	-3.90	-1.78	-3.43		ppb
Cadmium	111-1	-0.36	-0.30	-0.13	-0.27		ppb
Calcium	43-1	-3.10	-9.07	-1.55	-4.57		ppb
Calcium	44-1	-2.51	-4.92	-4.92	-4.11		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.07	-0.01	0.01	548.94	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.69	ppb
Copper	63-2	0.02	0.00	0.10	0.04	122.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.52	0.57	0.35	0.48	23.25	ppb
Iron	57-2	0.03	1.21	3.08	1.44	106.96	ppb
Iron	54-2	-1.60	0.51	0.09	-0.33		ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P7
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:50:39	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	0.00	0.00	205.67	ppb
Lead	207-1	0.00	0.00	0.00	0.00	204.06	ppb
Lead	208-1	0.00	0.01	0.00	0.00	150.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.39	0.40	0.04	0.28	74.78	ppb
Manganese	55-2	-0.04	-0.01	-0.01	-0.02		ppb
Molybdenum	94-1	0.03	0.00	0.02	0.02	79.42	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	15.14	ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	135.48	ppb
Molybdenum	97-1	0.01	0.04	0.00	0.01	151.69	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	80.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.33	-0.19	-0.26		ppb
Phosphorus	31-2	-19.67	-1.63	-9.31	-10.21		ppb
Potassium	39-2	-0.28	2.38	5.20	2.44	112.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-0.36	-0.79	-0.37	-0.51		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.89	1.15	1.85	1.30	38.31	ppb
Silicon	28-1	-0.06	-0.32	-0.43	-0.27		ppb
Silver	107-1	0.01	0.00	0.00	0.00	37.75	ppb
Silver	109-1	0.01	0.01	0.00	0.01	29.85	ppb
Sodium	23-2	11.62	9.78	10.69	10.70	8.63	ppb
Strontium	86-1	0.01	-0.02	0.03	0.01	295.37	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	115.50	ppb
Sulfur	34-1	183.02	32.08	43.93	86.35	97.21	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.01	43.70	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	28.38	ppb
Tin	118-1	-0.02	0.01	-0.01	0.00		ppb
Titanium	47-1	0.02	-0.01	0.00	0.00	681.33	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P7
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:50:39	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	-0.35	-0.40	-0.33	-0.36		ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:27:36	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.13	20.69	21.91	21.24	2.90	ppb
Antimony	121-1	1.86	1.86	1.95	1.89	2.77	ppb
Arsenic	75-2	0.99	0.85	0.94	0.92	7.84	ppb
Barium	135-1	9.27	8.98	9.20	9.15	1.66	ppb
Barium	137-1	9.32	9.25	9.29	9.29	0.36	ppb
Beryllium	9-1	0.98	0.99	1.09	1.02	5.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.06	0.78	0.96	0.93	15.06	ppb
Cadmium	106-1	-0.54	0.34	-2.88	-1.03		ppb
Cadmium	111-1	0.87	1.08	0.79	0.91	16.43	ppb
Calcium	43-1	466.63	460.26	495.31	474.07	3.94	ppb
Calcium	44-1	480.01	484.60	481.52	482.04	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.91	1.82	1.88	2.93	ppb
Cobalt	59-2	0.99	1.03	1.04	1.02	2.79	ppb
Copper	63-2	1.77	1.87	1.66	1.76	6.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	51.41	51.48	50.99	51.29	0.51	ppb
Iron	57-2	53.57	51.07	53.54	52.73	2.73	ppb
Iron	54-2	56.22	50.77	49.11	52.03	7.15	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:27:36	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.77	0.82	0.88	0.82	6.79	ppb
Lead	207-1	0.83	0.76	0.84	0.81	5.29	ppb
Lead	208-1	0.79	0.81	0.83	0.81	2.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	490.47	492.22	487.26	489.98	0.51	ppb
Manganese	55-2	1.03	1.01	1.00	1.01	1.80	ppb
Molybdenum	94-1	5.17	5.18	5.40	5.25	2.52	ppb
Molybdenum	95-1	4.42	4.51	4.42	4.45	1.19	ppb
Molybdenum	96-1	4.51	4.62	4.61	4.58	1.40	ppb
Molybdenum	97-1	4.59	4.58	4.57	4.58	0.27	ppb
Molybdenum	98-1	4.58	4.59	4.49	4.55	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.89	0.78	0.81	8.02	ppb
Phosphorus	31-2	3.98	22.58	17.45	14.67	65.45	ppb
Potassium	39-2	497.07	496.80	499.37	497.75	0.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	4.23	4.21	4.89	4.45	8.69	ppb
Selenium	77-2	5.99	5.97	4.44	5.47	16.33	ppb
Selenium	78-2	6.71	3.75	6.60	5.69	29.48	ppb
Silicon	28-1	0.72	0.25	0.25	0.41	66.62	ppb
Silver	107-1	0.99	0.99	0.98	0.98	0.30	ppb
Silver	109-1	0.99	1.03	0.99	1.00	2.12	ppb
Sodium	23-2	482.67	486.13	483.82	484.21	0.36	ppb
Strontium	86-1	0.98	1.01	0.90	0.96	5.78	ppb
Strontium	88-1	0.92	0.91	0.88	0.90	2.62	ppb
Sulfur	34-1	311.75	347.42	322.82	327.33	5.58	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.78	0.86	0.83	0.82	4.80	ppb
Thallium	205-1	0.82	0.85	0.81	0.83	2.32	ppb
Tin	118-1	4.87	4.84	4.76	4.82	1.21	ppb
Titanium	47-1	4.94	4.80	4.78	4.84	1.81	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:27:36	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.79	0.78	2.12	ppb
Vanadium	51-2	4.79	4.75	4.90	4.81	1.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	1.56	1.59	1.78	1.64	7.23	ppb
Zirconium	90-1	0.91	0.86	0.93	0.90	4.13	ppb
Zirconium	91-1	0.95	0.93	0.93	0.94	1.35	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P7
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:36:41	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93005.40	95305.00	96004.97	94771.79	1.66	ppb
Antimony	121-1	1.01	1.07	1.11	1.06	5.07	ppb
Arsenic	75-2	0.34	0.36	0.30	0.33	8.19	ppb
Barium	135-1	1.28	1.27	1.44	1.33	7.25	ppb
Barium	137-1	1.28	1.40	1.33	1.34	4.53	ppb
Beryllium	9-1	0.28	0.30	0.36	0.31	14.69	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.41	11.78	10.90	11.36	3.88	ppb
Cadmium	106-1	-5.09	-5.33	-4.85	-5.09		ppb
Cadmium	111-1	0.05	0.00	0.10	0.05	92.62	ppb
Calcium	43-1	91899.19	97026.37	95571.77	94832.44	2.79	ppb
Calcium	44-1	89943.19	95522.04	95601.47	93688.90	3.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.49	19.52	19.57	19.53	0.21	ppb
Cobalt	59-2	1.14	1.21	1.23	1.19	3.73	ppb
Copper	63-2	7.30	7.25	7.36	7.30	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	99921.93	101299.08	99978.72	100399.91	0.78	ppb
Iron	57-2	100153.46	103142.72	99939.02	101078.40	1.77	ppb
Iron	54-2	100814.12	102583.61	100928.52	101442.08	0.98	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P7
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:36:41	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.12	4.35	4.17	4.21	2.88	ppb
Lead	207-1	3.67	3.82	3.77	3.75	2.08	ppb
Lead	208-1	3.81	4.02	3.91	3.91	2.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	90871.53	91882.73	93151.35	91968.53	1.24	ppb
Manganese	55-2	7.61	7.71	7.60	7.64	0.81	ppb
Molybdenum	94-1	1424.63	1479.35	1569.32	1491.10	4.90	ppb
Molybdenum	95-1	1715.22	1860.53	1889.04	1821.60	5.12	ppb
Molybdenum	96-1	1680.40	1809.72	1841.32	1777.15	4.80	ppb
Molybdenum	97-1	1730.84	1827.91	1866.41	1808.38	3.86	ppb
Molybdenum	98-1	1728.94	1813.77	1880.61	1807.78	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.22	5.16	5.21	5.20	0.60	ppb
Phosphorus	31-2	97503.06	97697.74	98293.77	97831.53	0.42	ppb
Potassium	39-2	96234.88	96593.39	97991.44	96939.90	0.96	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	-0.82	-0.37	-0.52	-0.57		ppb
Selenium	77-2	0.57	1.14	0.00	0.57	99.88	ppb
Selenium	78-2	2.90	-0.71	2.23	1.47	130.48	ppb
Silicon	28-1	2.33	2.68	2.49	2.50	7.06	ppb
Silver	107-1	0.04	0.04	0.02	0.04	28.20	ppb
Silver	109-1	0.04	0.04	0.03	0.04	12.02	ppb
Sodium	23-2	96558.02	97651.35	98883.35	97697.57	1.19	ppb
Strontium	86-1	29.84	32.10	32.51	31.48	4.57	ppb
Strontium	88-1	30.05	32.04	32.83	31.64	4.54	ppb
Sulfur	34-1	96243.55	101457.36	102549.70	100083.54	3.37	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.05	0.05	0.05	11.29	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	8.87	ppb
Tin	118-1	0.15	0.19	0.18	0.18	12.69	ppb
Titanium	47-1	1950.51	2038.68	2042.60	2010.60	2.59	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P7
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:36:41	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.01	17.55	ppb
Vanadium	51-2	0.23	0.21	0.23	0.22	6.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	10.82	10.91	11.29	11.01	2.28	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	84.97	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	77.84	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P7
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:39:49	DataFile Name :	025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93786.78	93121.25	92246.07	93051.37	0.83	ppb
Antimony	121-1	19.45	20.73	20.31	20.16	3.25	ppb
Arsenic	75-2	20.82	19.73	18.59	19.71	5.67	ppb
Barium	135-1	19.76	20.37	19.59	19.91	2.06	ppb
Barium	137-1	19.72	20.70	20.17	20.20	2.44	ppb
Beryllium	9-1	21.09	21.42	21.22	21.25	0.78	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.31	26.84	25.96	26.04	2.95	ppb
Cadmium	106-1	9.45	10.72	10.23	10.13	6.29	ppb
Cadmium	111-1	19.22	19.67	18.92	19.27	1.98	ppb
Calcium	43-1	94617.87	96852.07	100432.74	97300.90	3.01	ppb
Calcium	44-1	95256.26	96817.83	98532.53	96868.88	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.98	38.66	38.61	38.75	0.53	ppb
Cobalt	59-2	20.51	20.59	20.44	20.51	0.37	ppb
Copper	63-2	26.11	25.72	26.29	26.04	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	99232.36	99023.17	99047.94	99101.15	0.12	ppb
Iron	57-2	101097.76	100228.00	99696.26	100340.67	0.71	ppb
Iron	54-2	98733.36	98176.71	99382.46	98764.18	0.61	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P7
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:39:49	DataFile Name :	025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.74	28.05	28.39	28.06	1.15	ppb
Lead	207-1	27.26	27.29	27.33	27.30	0.13	ppb
Lead	208-1	27.04	27.49	27.58	27.37	1.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	92309.69	91321.43	89806.73	91145.95	1.38	ppb
Manganese	55-2	27.08	26.75	26.82	26.89	0.66	ppb
Molybdenum	94-1	1466.26	1530.65	1473.76	1490.22	2.36	ppb
Molybdenum	95-1	1780.38	1902.93	1817.88	1833.73	3.42	ppb
Molybdenum	96-1	1746.64	1845.05	1787.69	1793.13	2.76	ppb
Molybdenum	97-1	1803.40	1882.77	1817.14	1834.44	2.31	ppb
Molybdenum	98-1	1825.38	1900.51	1846.65	1857.51	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.07	24.30	24.94	24.77	1.67	ppb
Phosphorus	31-2	97848.36	96883.33	95762.54	96831.41	1.08	ppb
Potassium	39-2	95337.94	95207.94	94741.49	95095.79	0.33	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	19.06	19.51	19.93	19.50	2.24	ppb
Selenium	77-2	17.01	21.67	25.90	21.53	20.66	ppb
Selenium	78-2	21.42	19.54	20.23	20.39	4.68	ppb
Silicon	28-1	2.78	2.88	3.27	2.98	8.75	ppb
Silver	107-1	18.02	18.45	17.97	18.15	1.46	ppb
Silver	109-1	18.04	18.94	18.29	18.42	2.52	ppb
Sodium	23-2	96853.78	95563.83	95171.34	95862.98	0.92	ppb
Strontium	86-1	31.19	32.93	31.80	31.97	2.76	ppb
Strontium	88-1	31.59	33.12	32.41	32.37	2.36	ppb
Sulfur	34-1	98750.47	104078.80	103578.72	102135.99	2.88	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	21.39	21.91	21.72	21.67	1.23	ppb
Thallium	205-1	20.89	21.38	21.47	21.25	1.47	ppb
Tin	118-1	0.15	0.16	0.18	0.16	9.86	ppb
Titanium	47-1	2020.50	2076.18	2122.14	2072.94	2.46	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P7
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:39:49	DataFile Name :	025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.03	0.02	0.02	32.00	ppb
Vanadium	51-2	19.08	19.22	19.21	19.17	0.40	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	30.82	30.18	31.23	30.74	1.72	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	5.86	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	45.86	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV2	Instrumnet Name :	P7
Client Sample ID :	CCV2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:42:54	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51907.29	50988.20	49963.67	50953.05	1.91	ppb
Antimony	121-1	546.74	510.33	512.49	523.18	3.91	ppb
Arsenic	75-2	492.52	500.82	489.81	494.38	1.16	ppb
Barium	135-1	2726.65	2556.83	2549.85	2611.11	3.83	ppb
Barium	137-1	2771.06	2585.38	2545.74	2634.06	4.57	ppb
Beryllium	9-1	579.06	531.79	509.90	540.25	6.54	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	532.61	498.58	487.23	506.14	4.67	ppb
Cadmium	106-1	525.85	491.42	485.34	500.87	4.36	ppb
Cadmium	111-1	524.09	484.65	486.75	498.50	4.45	ppb
Calcium	43-1	284144.63	266928.51	258948.44	270007.19	4.77	ppb
Calcium	44-1	281136.95	265774.58	257691.47	268201.00	4.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.40	495.45	493.92	498.59	1.37	ppb
Cobalt	59-2	490.19	485.43	481.90	485.84	0.86	ppb
Copper	63-2	4899.12	4862.15	4782.18	4847.82	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	132148.08	129601.20	128349.98	130033.09	1.49	ppb
Iron	57-2	134342.88	130383.49	130917.01	131881.13	1.63	ppb
Iron	54-2	132673.72	129612.17	129914.13	130733.34	1.29	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV2	Instrumnet Name :	P7
Client Sample ID :	CCV2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:42:54	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2854.42	2557.62	2544.80	2652.28	6.60	ppb
Lead	207-1	2845.16	2602.71	2514.45	2654.11	6.45	ppb
Lead	208-1	2818.12	2569.55	2532.28	2639.98	5.89	ppb
Lithium	6-1				86		%
Magnesium	24-2	255789.06	255740.95	254633.11	255387.71	0.26	ppb
Manganese	55-2	5035.78	4939.51	4948.46	4974.59	1.07	ppb
Molybdenum	94-1	5521.19	5087.65	5052.49	5220.44	5.00	ppb
Molybdenum	95-1	5510.56	5133.52	5136.45	5260.18	4.12	ppb
Molybdenum	96-1	5547.05	5140.42	5084.19	5257.22	4.80	ppb
Molybdenum	97-1	5441.71	5100.05	5038.34	5193.37	4.18	ppb
Molybdenum	98-1	5489.09	5083.98	5077.33	5216.80	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.77	486.88	483.71	487.79	0.94	ppb
Phosphorus	31-2	10044.83	9967.54	9924.04	9978.81	0.61	ppb
Potassium	39-2	128797.07	127444.82	128725.41	128322.43	0.59	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	528.77	488.32	486.35	501.15	4.78	ppb
Selenium	77-2	483.04	495.39	496.39	491.61	1.51	ppb
Selenium	78-2	489.00	494.16	490.77	491.31	0.53	ppb
Silicon	28-1	567.53	531.07	517.01	538.54	4.84	ppb
Silver	107-1	534.61	489.65	486.47	503.58	5.35	ppb
Silver	109-1	527.96	489.88	486.73	501.52	4.58	ppb
Sodium	23-2	262120.08	254678.20	256058.14	257618.81	1.54	ppb
Strontium	86-1	13710.40	12722.64	12647.66	13026.90	4.55	ppb
Strontium	88-1	13801.73	12838.70	12595.43	13078.62	4.88	ppb
Sulfur	34-1	11757.68	10364.98	9913.61	10678.76	9.00	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	575.64	528.50	512.15	538.76	6.12	ppb
Thallium	205-1	569.27	513.88	518.47	533.87	5.76	ppb
Tin	118-1	551.94	510.68	510.46	524.36	4.56	ppb
Titanium	47-1	5606.69	5148.85	5085.69	5280.41	5.38	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV2	Instrumnet Name :	P7
Client Sample ID :	CCV2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:42:54	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	576.28	531.63	525.29	544.40	5.10	ppb
Vanadium	51-2	511.53	503.59	501.11	505.41	1.08	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	4767.42	4677.36	4667.38	4704.05	1.17	ppb
Zirconium	90-1	558.01	518.75	503.92	526.90	5.30	ppb
Zirconium	91-1	541.96	508.37	504.24	518.19	3.99	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB2	Instrumnet Name :	P7
Client Sample ID :	CCB2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:45:48	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.37	7.91	7.34	7.88	6.53	ppb
Antimony	121-1	0.24	0.26	0.27	0.26	6.15	ppb
Arsenic	75-2	0.10	0.04	0.06	0.07	47.24	ppb
Barium	135-1	0.16	0.13	0.07	0.12	35.99	ppb
Barium	137-1	0.16	0.15	0.09	0.13	28.75	ppb
Beryllium	9-1	0.29	0.17	0.15	0.20	35.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.01	0.12	0.07	78.56	ppb
Cadmium	106-1	-2.63	-1.17	-2.06	-1.95		ppb
Cadmium	111-1	-0.17	-0.06	-0.12	-0.12		ppb
Calcium	43-1	19.49	7.69	8.68	11.95	54.75	ppb
Calcium	44-1	19.02	12.77	6.71	12.83	47.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.09	-0.01	-0.03		ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	20.04	ppb
Copper	63-2	0.24	0.08	0.12	0.15	57.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	13.88	12.34	11.02	12.41	11.53	ppb
Iron	57-2	15.82	14.36	9.62	13.27	24.43	ppb
Iron	54-2	14.52	10.89	11.27	12.23	16.31	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB2	Instrumnet Name :	P7
Client Sample ID :	CCB2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:45:48	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.17	0.14	0.18	21.83	ppb
Lead	207-1	0.23	0.16	0.14	0.18	28.03	ppb
Lead	208-1	0.22	0.17	0.13	0.18	25.86	ppb
Lithium	6-1				96		%
Magnesium	24-2	18.12	16.34	13.42	15.96	14.89	ppb
Manganese	55-2	0.31	0.20	0.18	0.23	28.87	ppb
Molybdenum	94-1	0.68	0.58	0.41	0.55	24.83	ppb
Molybdenum	95-1	0.70	0.59	0.51	0.60	15.44	ppb
Molybdenum	96-1	0.68	0.53	0.45	0.55	20.57	ppb
Molybdenum	97-1	0.70	0.54	0.48	0.57	19.99	ppb
Molybdenum	98-1	0.66	0.56	0.46	0.56	18.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.37	-0.36	-0.46	-0.40		ppb
Phosphorus	31-2	-7.02	-12.91	-18.27	-12.73		ppb
Potassium	39-2	26.55	-14.74	18.05	9.95	219.03	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	82-1	-0.56	-0.72	-1.24	-0.84		ppb
Selenium	77-2	0.00	0.51	0.00	0.17	173.21	ppb
Selenium	78-2	0.22	1.60	0.49	0.77	94.24	ppb
Silicon	28-1	-0.77	-0.83	-1.03	-0.88		ppb
Silver	107-1	0.09	0.08	0.04	0.07	34.55	ppb
Silver	109-1	0.08	0.06	0.06	0.07	19.43	ppb
Sodium	23-2	65.12	50.07	54.72	56.63	13.60	ppb
Strontium	86-1	0.83	0.64	0.46	0.64	29.10	ppb
Strontium	88-1	0.95	0.70	0.48	0.71	32.93	ppb
Sulfur	34-1	-208.16	-64.04	-309.88	-194.03		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.06	0.05	0.06	26.04	ppb
Thallium	205-1	0.08	0.05	0.05	0.06	25.06	ppb
Tin	118-1	0.06	0.04	0.03	0.04	27.18	ppb
Titanium	47-1	0.50	0.47	0.38	0.45	14.34	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB2	Instrumnet Name :	P7
Client Sample ID :	CCB2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:45:48	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.02	0.02	0.03	34.33	ppb
Vanadium	51-2	0.03	0.01	0.02	0.02	41.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	-0.09	-0.08	-0.08		ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	25.91	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	23.08	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:13:53	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.91	21.42	20.32	21.55	6.05	ppb
Antimony	121-1	1.84	1.85	1.86	1.85	0.73	ppb
Arsenic	75-2	1.19	0.91	0.88	0.99	17.19	ppb
Barium	135-1	9.25	9.14	9.25	9.21	0.66	ppb
Barium	137-1	9.23	9.04	9.25	9.17	1.29	ppb
Beryllium	9-1	0.92	0.89	0.97	0.93	4.74	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.20	0.87	1.02	16.42	ppb
Cadmium	106-1	-0.88	-0.97	-2.18	-1.34		ppb
Cadmium	111-1	0.92	0.92	0.71	0.85	13.85	ppb
Calcium	43-1	472.52	501.63	473.30	482.48	3.44	ppb
Calcium	44-1	487.02	484.64	478.01	483.22	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.94	1.80	1.91	4.75	ppb
Cobalt	59-2	0.95	1.05	1.05	1.02	5.65	ppb
Copper	63-2	1.94	1.89	1.79	1.87	3.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	53.64	53.41	53.31	53.45	0.32	ppb
Iron	57-2	57.95	54.22	59.76	57.31	4.93	ppb
Iron	54-2	55.16	51.79	52.54	53.16	3.32	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:13:53	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	0.85	0.82	0.84	2.59	ppb
Lead	207-1	0.79	0.85	0.82	0.82	3.77	ppb
Lead	208-1	0.83	0.83	0.80	0.82	1.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	511.54	503.53	497.73	504.27	1.37	ppb
Manganese	55-2	1.04	1.12	1.03	1.06	4.46	ppb
Molybdenum	94-1	5.35	5.29	5.49	5.38	1.94	ppb
Molybdenum	95-1	4.48	4.68	4.62	4.59	2.27	ppb
Molybdenum	96-1	4.53	4.72	4.74	4.66	2.37	ppb
Molybdenum	97-1	4.36	4.45	4.65	4.49	3.29	ppb
Molybdenum	98-1	4.38	4.47	4.68	4.51	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.17	0.97	1.00	16.05	ppb
Phosphorus	31-2	4.82	21.04	4.77	10.21	91.86	ppb
Potassium	39-2	506.92	497.28	493.85	499.35	1.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	4.17	4.48	3.55	4.07	11.58	ppb
Selenium	77-2	6.67	5.59	7.05	6.44	11.73	ppb
Selenium	78-2	7.95	6.04	5.03	6.34	23.34	ppb
Silicon	28-1	0.14	-0.15	-0.19	-0.07		ppb
Silver	107-1	0.97	1.00	0.96	0.98	1.76	ppb
Silver	109-1	0.95	0.95	1.01	0.97	3.40	ppb
Sodium	23-2	504.99	505.54	492.50	501.01	1.47	ppb
Strontium	86-1	0.92	0.97	1.01	0.97	4.59	ppb
Strontium	88-1	0.91	0.93	1.11	0.98	11.13	ppb
Sulfur	34-1	191.70	220.09	126.51	179.43	26.74	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.82	0.80	0.83	4.23	ppb
Thallium	205-1	0.83	0.83	0.85	0.84	1.46	ppb
Tin	118-1	4.76	4.80	4.90	4.82	1.43	ppb
Titanium	47-1	5.14	5.09	4.99	5.07	1.45	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:13:53	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.78	0.80	0.79	1.66	ppb
Vanadium	51-2	5.00	4.97	4.61	4.86	4.53	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	1.99	1.97	1.49	1.82	15.70	ppb
Zirconium	90-1	0.89	0.97	0.95	0.93	4.46	ppb
Zirconium	91-1	0.86	0.96	0.96	0.93	6.45	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	PB157179BL	Instrumnet Name :	P7
Client Sample ID :	PB157179BL	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:17:09	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	0.23	0.51	0.41	39.37	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	52.50	ppb
Arsenic	75-2	0.02	-0.01	0.01	0.01	300.58	ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.03	-0.02	0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.11	0.18	0.11	61.97	ppb
Cadmium	106-1	-1.36	-2.19	-1.84	-1.80		ppb
Cadmium	111-1	-0.11	-0.18	-0.15	-0.15		ppb
Calcium	43-1	-7.19	-3.95	-4.99	-5.38		ppb
Calcium	44-1	-8.78	-8.57	-8.62	-8.66		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	-0.06	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.12	-0.10	-0.15	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	0.45	0.32	0.46	0.41	18.61	ppb
Iron	57-2	0.95	1.63	1.09	1.22	29.31	ppb
Iron	54-2	0.99	0.55	0.24	0.59	63.97	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	PB157179BL	Instrumnet Name :	P7
Client Sample ID :	PB157179BL	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:17:09	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.35	0.53	0.50	0.46	20.97	ppb
Manganese	55-2	-0.04	-0.03	-0.01	-0.02		ppb
Molybdenum	94-1	0.02	0.02	0.01	0.02	45.54	ppb
Molybdenum	95-1	0.00	0.02	-0.02	0.00	1714.25	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	69.58	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	388.03	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	86.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.29	-0.48	-0.36		ppb
Phosphorus	31-2	-22.79	-15.91	-18.55	-19.08		ppb
Potassium	39-2	6.00	4.00	5.31	5.10	19.91	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-1.24	-0.59	-0.21	-0.68		ppb
Selenium	77-2	0.00	0.55	0.00	0.18	173.21	ppb
Selenium	78-2	1.66	-0.85	0.63	0.48	261.34	ppb
Silicon	28-1	-0.56	-0.73	-0.53	-0.61		ppb
Silver	107-1	0.01	0.01	0.00	0.01	51.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.79	ppb
Sodium	23-2	6.02	5.01	5.99	5.67	10.16	ppb
Strontium	86-1	-0.01	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	225.62	340.45	520.17	362.08	41.00	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
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	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	-0.02	0.03	0.03	0.01	214.86	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	PB157179BL	Instrumnet Name :	P7
Client Sample ID :	PB157179BL	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:17:09	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	-0.18	-0.53	-0.38	-0.37		ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	1076.82	ppb
Zirconium	91-1	-0.02	0.00	0.01	0.00		ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04X5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:23:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139.76	135.12	146.20	140.36	3.96	ppb
Antimony	121-1	8.18	8.38	8.26	8.27	1.22	ppb
Arsenic	75-2	0.53	0.50	0.76	0.60	23.53	ppb
Barium	135-1	271.79	280.22	281.35	277.79	1.88	ppb
Barium	137-1	273.29	280.49	279.39	277.72	1.40	ppb
Beryllium	9-1	0.25	0.14	0.16	0.18	31.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	1.11	1.09	0.96	25.24	ppb
Cadmium	106-1	-0.99	-1.16	-1.53	-1.23		ppb
Cadmium	111-1	0.67	0.66	0.63	0.65	3.97	ppb
Calcium	43-1	12157.42	11978.29	12659.89	12265.20	2.88	ppb
Calcium	44-1	11636.26	11512.96	12003.83	11717.69	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.87	0.93	0.84	0.88	4.81	ppb
Cobalt	59-2	0.73	0.82	0.83	0.79	6.60	ppb
Copper	63-2	12.91	12.97	12.86	12.91	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	219.71	223.18	223.72	222.20	0.98	ppb
Iron	57-2	276.65	278.48	281.64	278.92	0.91	ppb
Iron	54-2	228.20	227.54	223.26	226.33	1.18	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04X5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:23:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.78	13.24	13.33	13.12	2.26	ppb
Lead	207-1	12.31	12.72	12.82	12.62	2.13	ppb
Lead	208-1	12.54	12.93	12.96	12.81	1.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	3641.99	3676.13	3719.36	3679.16	1.05	ppb
Manganese	55-2	55.19	55.67	56.94	55.93	1.62	ppb
Molybdenum	94-1	1.13	1.19	1.11	1.14	3.54	ppb
Molybdenum	95-1	1.12	1.17	1.15	1.15	2.23	ppb
Molybdenum	96-1	1.11	1.12	1.11	1.11	0.34	ppb
Molybdenum	97-1	1.06	1.10	1.10	1.09	2.12	ppb
Molybdenum	98-1	1.13	1.10	1.10	1.11	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.05	1.27	1.21	11.01	ppb
Phosphorus	31-2	622.48	624.19	675.00	640.56	4.66	ppb
Potassium	39-2	3061.59	3072.03	3088.20	3073.94	0.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.16	0.46	-0.09	0.07	486.37	ppb
Selenium	77-2	0.00	0.56	1.70	0.75	114.82	ppb
Selenium	78-2	0.58	-0.10	0.10	0.19	181.22	ppb
Silicon	28-1	89.19	88.57	91.69	89.81	1.84	ppb
Silver	107-1	0.04	0.05	0.04	0.04	18.22	ppb
Silver	109-1	0.04	0.04	0.03	0.04	10.06	ppb
Sodium	23-2	8047.19	8164.63	8195.52	8135.78	0.96	ppb
Strontium	86-1	51.74	53.06	52.82	52.54	1.34	ppb
Strontium	88-1	51.49	52.60	52.95	52.35	1.45	ppb
Sulfur	34-1	6812.39	6744.96	7174.37	6910.57	3.34	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.08	0.07	9.14	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.26	ppb
Tin	118-1	3.60	3.58	3.72	3.63	2.14	ppb
Titanium	47-1	1.58	1.53	1.97	1.70	14.05	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04X5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:23:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	9.96	ppb
Vanadium	51-2	4.90	4.90	5.12	4.97	2.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	247.16	251.88	248.38	249.14	0.98	ppb
Zirconium	90-1	0.13	0.14	0.14	0.13	6.76	ppb
Zirconium	91-1	0.10	0.11	0.15	0.12	20.31	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04DUPX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103DUI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:26:43	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	144.09	141.62	140.47	142.06	1.30	ppb
Antimony	121-1	6.06	6.20	6.13	6.13	1.21	ppb
Arsenic	75-2	0.63	0.53	0.72	0.63	14.87	ppb
Barium	135-1	282.57	285.12	287.43	285.04	0.85	ppb
Barium	137-1	283.51	285.02	287.88	285.47	0.78	ppb
Beryllium	9-1	0.13	0.12	0.06	0.10	38.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.85	0.93	0.80	19.22	ppb
Cadmium	106-1	-0.77	-1.25	-0.30	-0.77		ppb
Cadmium	111-1	0.73	0.71	0.74	0.73	2.29	ppb
Calcium	43-1	12698.47	12542.33	12797.12	12679.30	1.01	ppb
Calcium	44-1	12177.26	12042.91	12091.29	12103.82	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.91	0.79	0.77	0.82	8.68	ppb
Cobalt	59-2	0.88	0.86	0.84	0.86	2.81	ppb
Copper	63-2	12.93	12.86	12.70	12.83	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	224.00	221.58	219.14	221.57	1.10	ppb
Iron	57-2	277.77	275.75	279.29	277.60	0.64	ppb
Iron	54-2	221.00	230.37	221.44	224.27	2.36	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04DUPX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103DUI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:26:43	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.50	13.61	13.71	13.61	0.79	ppb
Lead	207-1	13.01	13.08	13.24	13.11	0.91	ppb
Lead	208-1	13.05	13.16	13.35	13.19	1.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	3697.26	3681.46	3652.28	3677.00	0.62	ppb
Manganese	55-2	55.03	54.93	54.43	54.80	0.58	ppb
Molybdenum	94-1	0.90	1.05	0.97	0.97	7.32	ppb
Molybdenum	95-1	1.01	1.04	1.06	1.04	2.39	ppb
Molybdenum	96-1	1.02	1.03	1.01	1.02	1.25	ppb
Molybdenum	97-1	0.99	0.97	0.92	0.96	3.87	ppb
Molybdenum	98-1	1.01	1.01	0.98	1.00	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.22	1.12	1.19	4.79	ppb
Phosphorus	31-2	609.36	610.51	618.94	612.94	0.85	ppb
Potassium	39-2	3082.67	3068.08	2984.21	3044.99	1.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.13	-0.16	-0.64	-0.31		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.66	0.88	0.76	0.77	14.18	ppb
Silicon	28-1	91.68	91.36	92.62	91.88	0.71	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.78	ppb
Silver	109-1	0.04	0.04	0.05	0.04	7.17	ppb
Sodium	23-2	8081.95	8279.56	8037.40	8132.97	1.58	ppb
Strontium	86-1	53.45	53.67	54.02	53.72	0.54	ppb
Strontium	88-1	53.52	53.44	54.34	53.77	0.93	ppb
Sulfur	34-1	7437.26	7100.64	7456.37	7331.42	2.73	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.04	0.05	8.55	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	20.45	ppb
Tin	118-1	3.65	3.71	3.72	3.69	1.06	ppb
Titanium	47-1	1.70	1.90	1.61	1.74	8.70	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04DUPX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103DUI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:26:43	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.03	0.03	4.47	ppb
Vanadium	51-2	5.06	5.32	4.71	5.03	6.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	250.44	251.73	250.70	250.96	0.27	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	8.72	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	8.81	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04LX25	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103L	Dilution Factor :	25
Date & Time Acquired :	2023-11-16 14:29:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.64	43.66	43.90	43.73	0.32	ppb
Antimony	121-1	1.47	1.46	1.39	1.44	2.95	ppb
Arsenic	75-2	0.10	0.12	0.08	0.10	19.12	ppb
Barium	135-1	55.66	54.52	55.18	55.12	1.04	ppb
Barium	137-1	56.27	54.72	55.92	55.64	1.47	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	11.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.14	0.18	0.17	12.51	ppb
Cadmium	106-1	-1.83	-1.88	-2.35	-2.02		ppb
Cadmium	111-1	0.03	0.00	-0.05	-0.01		ppb
Calcium	43-1	2522.43	2521.25	2524.21	2522.63	0.06	ppb
Calcium	44-1	2510.61	2520.64	2507.92	2513.06	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.27	0.18	0.21	22.45	ppb
Cobalt	59-2	0.17	0.18	0.17	0.18	3.58	ppb
Copper	63-2	2.52	2.30	2.37	2.40	4.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	44.67	44.72	45.25	44.88	0.72	ppb
Iron	57-2	58.92	60.80	58.99	59.57	1.79	ppb
Iron	54-2	44.44	40.08	46.92	43.81	7.90	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04LX25	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103L	Dilution Factor :	25
Date & Time Acquired :	2023-11-16 14:29:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.68	2.67	2.69	2.68	0.31	ppb
Lead	207-1	2.59	2.59	2.58	2.59	0.15	ppb
Lead	208-1	2.62	2.63	2.60	2.62	0.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	739.68	752.01	728.98	740.22	1.56	ppb
Manganese	55-2	11.36	11.26	11.15	11.26	0.94	ppb
Molybdenum	94-1	0.27	0.24	0.27	0.26	6.88	ppb
Molybdenum	95-1	0.29	0.24	0.22	0.25	15.54	ppb
Molybdenum	96-1	0.23	0.23	0.24	0.23	1.73	ppb
Molybdenum	97-1	0.22	0.29	0.25	0.25	13.51	ppb
Molybdenum	98-1	0.20	0.24	0.22	0.22	7.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	1.37	1.74	1.48	15.27	ppb
Phosphorus	31-2	100.82	117.08	108.02	108.64	7.50	ppb
Potassium	39-2	618.13	613.23	613.67	615.01	0.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.60	-0.17	-0.28	-0.35		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	-1.55	1.98	0.14	1275.51	ppb
Silicon	28-1	17.18	17.15	17.15	17.16	0.10	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.70	ppb
Sodium	23-2	1669.20	1668.76	1656.28	1664.75	0.44	ppb
Strontium	86-1	10.61	10.85	10.81	10.76	1.20	ppb
Strontium	88-1	10.52	10.74	10.64	10.64	1.01	ppb
Sulfur	34-1	1702.02	1596.28	1702.54	1666.95	3.67	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.01	0.02	41.44	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.02	ppb
Tin	118-1	0.72	0.92	0.77	0.80	12.77	ppb
Titanium	47-1	0.39	0.37	0.40	0.39	3.96	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04LX25	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103L	Dilution Factor :	25
Date & Time Acquired :	2023-11-16 14:29:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	15.80	ppb
Vanadium	51-2	1.06	1.06	0.93	1.02	7.45	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	49.99	48.63	49.09	49.24	1.41	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.59	ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	158.23	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MS	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:33:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2113.64	2090.65	2114.81	2106.36	0.65	ppb
Antimony	121-1	106.39	106.62	102.18	105.06	2.38	ppb
Arsenic	75-2	110.14	107.06	114.11	110.44	3.20	ppb
Barium	135-1	745.33	748.65	711.17	735.05	2.82	ppb
Barium	137-1	791.96	800.17	751.74	781.29	3.32	ppb
Beryllium	9-1	103.86	105.52	100.93	103.44	2.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	108.17	111.94	106.19	108.77	2.69	ppb
Cadmium	106-1	110.47	110.31	101.48	107.42	4.79	ppb
Cadmium	111-1	110.64	111.41	105.27	109.10	3.06	ppb
Calcium	43-1	24063.82	24001.82	23086.97	23717.54	2.31	ppb
Calcium	44-1	22753.03	22998.77	21843.44	22531.75	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.50	99.31	99.48	99.76	0.64	ppb
Cobalt	59-2	104.94	103.40	102.72	103.68	1.10	ppb
Copper	63-2	1046.27	1024.74	1019.36	1030.12	1.38	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				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	6668.45	6607.69	6611.75	6629.30	0.51	ppb
Iron	57-2	7071.94	7033.31	6927.23	7010.83	1.07	ppb
Iron	54-2	6980.60	6914.46	6879.86	6924.97	0.74	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MS	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:33:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1047.37	1055.68	1025.04	1042.70	1.52	ppb
Lead	207-1	1017.17	1031.65	982.60	1010.47	2.49	ppb
Lead	208-1	1015.97	1030.18	993.26	1013.14	1.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	15192.03	14841.48	15283.70	15105.74	1.55	ppb
Manganese	55-2	1018.77	1004.51	1003.60	1008.96	0.84	ppb
Molybdenum	94-1	641.22	635.12	608.03	628.12	2.81	ppb
Molybdenum	95-1	573.11	565.49	540.94	559.85	3.00	ppb
Molybdenum	96-1	581.23	581.65	548.27	570.38	3.36	ppb
Molybdenum	97-1	561.09	557.11	535.74	551.31	2.47	ppb
Molybdenum	98-1	562.28	563.56	539.02	554.95	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.52	109.15	107.56	108.75	0.96	ppb
Phosphorus	31-2	578.64	525.65	546.08	550.12	4.86	ppb
Potassium	39-2	7784.55	7608.83	7586.86	7660.08	1.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	105.51	107.43	102.59	105.18	2.32	ppb
Selenium	77-2	113.94	107.42	109.55	110.30	3.01	ppb
Selenium	78-2	101.68	103.27	103.84	102.93	1.09	ppb
Silicon	28-1	100.25	99.45	97.79	99.16	1.27	ppb
Silver	107-1	0.37	0.38	0.35	0.37	3.92	ppb
Silver	109-1	0.24	0.22	0.21	0.22	5.31	ppb
Sodium	23-2	19682.17	19095.89	19060.29	19279.45	1.81	ppb
Strontium	86-1	147.29	145.73	139.60	144.21	2.82	ppb
Strontium	88-1	151.99	150.23	142.18	148.13	3.53	ppb
Sulfur	34-1	6932.94	6871.41	6305.46	6703.27	5.16	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	89.61	90.49	87.78	89.29	1.55	ppb
Thallium	205-1	88.49	89.74	87.08	88.44	1.50	ppb
Tin	118-1	99.36	100.45	95.88	98.56	2.42	ppb
Titanium	47-1	392.07	395.00	376.59	387.89	2.55	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MS	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:33:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	86.84	87.76	85.63	86.74	1.23	ppb
Vanadium	51-2	106.04	105.96	104.52	105.51	0.81	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1238.08	1226.83	1218.60	1227.84	0.80	ppb
Zirconium	90-1	99.31	98.93	94.29	97.51	2.87	ppb
Zirconium	91-1	99.50	98.61	94.50	97.54	2.74	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSDX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MSI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:36:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2134.63	2140.32	2135.35	2136.77	0.15	ppb
Antimony	121-1	104.87	107.82	107.30	106.66	1.48	ppb
Arsenic	75-2	110.01	111.31	110.31	110.54	0.62	ppb
Barium	135-1	744.93	759.60	752.75	752.43	0.98	ppb
Barium	137-1	791.46	810.13	807.52	803.04	1.26	ppb
Beryllium	9-1	106.07	108.63	106.40	107.03	1.30	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	107.71	110.48	108.69	108.96	1.29	ppb
Cadmium	106-1	111.58	106.66	104.31	107.51	3.45	ppb
Cadmium	111-1	110.62	112.37	113.10	112.03	1.14	ppb
Calcium	43-1	23449.40	24396.29	24694.44	24180.04	2.69	ppb
Calcium	44-1	22257.03	23323.19	23821.46	23133.89	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.98	102.08	100.67	101.58	0.78	ppb
Cobalt	59-2	105.50	106.32	105.10	105.64	0.59	ppb
Copper	63-2	1027.46	1044.74	1047.47	1039.89	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	6727.40	6736.33	6709.88	6724.54	0.20	ppb
Iron	57-2	7210.41	7181.41	7089.75	7160.52	0.88	ppb
Iron	54-2	7055.76	7101.46	7067.40	7074.87	0.34	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSDX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MSI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:36:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1073.90	1066.02	1077.57	1072.50	0.55	ppb
Lead	207-1	1037.45	1041.93	1050.66	1043.34	0.64	ppb
Lead	208-1	1049.48	1036.29	1051.86	1045.87	0.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	15605.38	15670.95	15520.87	15599.07	0.48	ppb
Manganese	55-2	1028.94	1032.01	1029.37	1030.11	0.16	ppb
Molybdenum	94-1	634.72	644.59	647.59	642.30	1.05	ppb
Molybdenum	95-1	568.35	564.86	578.35	570.52	1.23	ppb
Molybdenum	96-1	576.37	585.40	591.39	584.38	1.29	ppb
Molybdenum	97-1	554.18	564.70	568.96	562.62	1.35	ppb
Molybdenum	98-1	575.13	578.49	581.36	578.33	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.44	110.38	110.15	110.66	0.62	ppb
Phosphorus	31-2	581.85	556.26	574.73	570.95	2.31	ppb
Potassium	39-2	7824.14	7811.10	7845.79	7827.01	0.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	105.63	107.50	108.71	107.28	1.44	ppb
Selenium	77-2	113.67	104.94	104.10	107.57	4.93	ppb
Selenium	78-2	107.13	109.51	106.81	107.82	1.37	ppb
Silicon	28-1	100.93	104.11	104.42	103.16	1.87	ppb
Silver	107-1	0.37	0.39	0.38	0.38	2.76	ppb
Silver	109-1	0.24	0.26	0.23	0.24	5.72	ppb
Sodium	23-2	19510.49	19814.70	19632.88	19652.69	0.78	ppb
Strontium	86-1	145.89	149.46	148.46	147.94	1.24	ppb
Strontium	88-1	147.45	148.85	153.64	149.98	2.16	ppb
Sulfur	34-1	6802.52	7264.59	7226.48	7097.86	3.61	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	91.75	91.61	92.24	91.86	0.36	ppb
Thallium	205-1	91.16	89.99	91.86	91.00	1.04	ppb
Tin	118-1	98.31	101.10	100.13	99.85	1.42	ppb
Titanium	47-1	382.88	397.26	400.62	393.59	2.39	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSDX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MSI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:36:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	89.07	88.91	91.17	89.72	1.40	ppb
Vanadium	51-2	106.83	108.70	107.63	107.72	0.87	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	1237.90	1257.93	1257.84	1251.22	0.92	ppb
Zirconium	90-1	98.69	101.04	101.14	100.29	1.38	ppb
Zirconium	91-1	98.67	100.66	101.31	100.22	1.37	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04AX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103A	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:39:30	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2137.06	2142.82	2135.73	2138.54	0.18	ppb
Antimony	121-1	104.85	106.83	105.61	105.77	0.94	ppb
Arsenic	75-2	108.77	109.25	106.88	108.30	1.16	ppb
Barium	135-1	737.35	752.79	744.24	744.79	1.04	ppb
Barium	137-1	794.08	797.28	794.67	795.34	0.21	ppb
Beryllium	9-1	102.55	104.14	105.18	103.96	1.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.93	110.22	105.15	105.77	3.95	ppb
Cadmium	106-1	106.31	109.42	104.72	106.82	2.24	ppb
Cadmium	111-1	109.72	111.15	110.04	110.30	0.68	ppb
Calcium	43-1	23422.21	24069.06	23965.29	23818.85	1.46	ppb
Calcium	44-1	22424.69	22811.31	22889.79	22708.60	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.39	101.22	100.67	101.09	0.38	ppb
Cobalt	59-2	105.09	103.68	104.66	104.48	0.69	ppb
Copper	63-2	1033.95	1033.89	1012.29	1026.71	1.22	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				99		%
Indium	115-2				95		%
Iron	56-2	6714.00	6755.19	6743.36	6737.52	0.31	ppb
Iron	57-2	7140.18	7139.46	7141.10	7140.25	0.01	ppb
Iron	54-2	7054.98	7061.25	7076.10	7064.11	0.15	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04AX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103A	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:39:30	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1072.23	1070.68	1081.34	1074.75	0.54	ppb
Lead	207-1	1034.55	1019.58	1038.95	1031.03	0.98	ppb
Lead	208-1	1037.40	1036.80	1046.58	1040.26	0.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	15487.83	15504.89	15667.93	15553.55	0.64	ppb
Manganese	55-2	1021.84	1026.03	1016.59	1021.49	0.46	ppb
Molybdenum	94-1	624.77	640.26	638.69	634.57	1.34	ppb
Molybdenum	95-1	563.70	558.27	556.73	559.56	0.65	ppb
Molybdenum	96-1	567.68	573.03	586.19	575.63	1.66	ppb
Molybdenum	97-1	548.36	562.15	556.73	555.75	1.25	ppb
Molybdenum	98-1	570.55	574.88	578.52	574.65	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.17	109.40	109.80	109.79	0.35	ppb
Phosphorus	31-2	578.24	561.90	594.66	578.27	2.83	ppb
Potassium	39-2	7757.22	7711.99	7766.30	7745.17	0.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	106.67	110.31	106.57	107.85	1.98	ppb
Selenium	77-2	91.30	99.35	99.59	96.75	4.88	ppb
Selenium	78-2	107.75	111.54	109.13	109.48	1.75	ppb
Silicon	28-1	98.58	101.33	101.15	100.35	1.53	ppb
Silver	107-1	0.35	0.38	0.39	0.38	6.11	ppb
Silver	109-1	0.26	0.25	0.24	0.25	3.61	ppb
Sodium	23-2	19607.41	19497.17	19499.40	19534.66	0.32	ppb
Strontium	86-1	144.86	147.05	147.14	146.35	0.88	ppb
Strontium	88-1	149.11	148.37	150.10	149.20	0.58	ppb
Sulfur	34-1	6381.16	6850.31	6605.44	6612.30	3.55	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	91.95	90.99	92.40	91.78	0.79	ppb
Thallium	205-1	91.05	90.19	91.32	90.85	0.65	ppb
Tin	118-1	98.17	99.62	98.70	98.83	0.74	ppb
Titanium	47-1	380.61	391.45	389.93	387.33	1.51	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04AX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103A	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:39:30	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	88.83	88.87	90.31	89.34	0.94	ppb
Vanadium	51-2	107.38	107.55	106.59	107.18	0.48	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1246.57	1243.33	1249.35	1246.42	0.24	ppb
Zirconium	90-1	97.30	99.54	99.54	98.79	1.31	ppb
Zirconium	91-1	98.25	99.75	99.16	99.06	0.76	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV3	Instrumnet Name :	P7
Client Sample ID :	CCV3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:22:35	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51217.13	50827.27	51247.62	51097.34	0.46	ppb
Antimony	121-1	484.91	501.01	489.70	491.87	1.68	ppb
Arsenic	75-2	486.40	495.03	496.81	492.74	1.13	ppb
Barium	135-1	2460.17	2546.09	2482.85	2496.37	1.78	ppb
Barium	137-1	2419.44	2520.47	2470.67	2470.19	2.04	ppb
Beryllium	9-1	487.88	509.39	504.64	500.63	2.26	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	466.78	484.18	477.54	476.16	1.84	ppb
Cadmium	106-1	474.53	480.44	491.35	482.10	1.77	ppb
Cadmium	111-1	464.89	476.89	470.27	470.68	1.28	ppb
Calcium	43-1	251932.98	255230.92	261501.56	256221.82	1.90	ppb
Calcium	44-1	251050.79	249783.45	256034.84	252289.69	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.49	489.34	490.89	491.24	0.43	ppb
Cobalt	59-2	479.96	477.83	478.24	478.68	0.24	ppb
Copper	63-2	4794.35	4838.27	4801.33	4811.32	0.49	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				101		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				85		%
Iron	56-2	128897.77	128673.30	128284.47	128618.51	0.24	ppb
Iron	57-2	130148.98	129757.32	129915.55	129940.62	0.15	ppb
Iron	54-2	130069.67	126818.85	127687.21	128191.91	1.31	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV3	Instrumnet Name :	P7
Client Sample ID :	CCV3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:22:35	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2492.21	2580.32	2572.03	2548.19	1.91	ppb
Lead	207-1	2475.72	2615.98	2589.57	2560.42	2.91	ppb
Lead	208-1	2483.98	2593.54	2580.29	2552.61	2.34	ppb
Lithium	6-1				94		%
Magnesium	24-2	260481.87	260111.90	258000.89	259531.56	0.52	ppb
Manganese	55-2	4915.03	4863.24	4892.81	4890.36	0.53	ppb
Molybdenum	94-1	4825.07	5028.35	4970.94	4941.45	2.12	ppb
Molybdenum	95-1	4831.91	5033.79	5015.09	4960.26	2.25	ppb
Molybdenum	96-1	4814.65	5011.99	5003.85	4943.50	2.26	ppb
Molybdenum	97-1	4865.81	5030.15	4984.08	4960.01	1.71	ppb
Molybdenum	98-1	4845.36	5058.11	4995.09	4966.19	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.33	478.98	480.13	479.81	0.15	ppb
Phosphorus	31-2	10035.04	9949.67	10192.93	10059.21	1.23	ppb
Potassium	39-2	127775.70	127309.63	126946.02	127343.78	0.33	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	465.17	477.08	482.23	474.82	1.84	ppb
Selenium	77-2	460.23	506.81	508.12	491.72	5.55	ppb
Selenium	78-2	466.74	479.76	484.28	476.93	1.91	ppb
Silicon	28-1	515.54	512.25	524.83	517.54	1.26	ppb
Silver	107-1	476.63	472.67	477.93	475.74	0.58	ppb
Silver	109-1	473.72	478.62	479.06	477.14	0.62	ppb
Sodium	23-2	259231.91	258304.79	258649.93	258728.88	0.18	ppb
Strontium	86-1	11919.00	12492.18	12341.54	12250.91	2.43	ppb
Strontium	88-1	11972.35	12560.78	12477.56	12336.90	2.58	ppb
Sulfur	34-1	10093.82	9903.07	10422.18	10139.69	2.59	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	512.34	524.16	521.32	519.27	1.19	ppb
Thallium	205-1	500.22	512.40	518.75	510.46	1.85	ppb
Tin	118-1	489.96	505.03	486.04	493.68	2.03	ppb
Titanium	47-1	5028.92	4953.52	5045.47	5009.30	0.98	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV3	Instrumnet Name :	P7
Client Sample ID :	CCV3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:22:35	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.41	519.96	527.11	520.16	1.32	ppb
Vanadium	51-2	500.53	495.88	497.94	498.12	0.47	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	4630.15	4661.21	4675.96	4655.77	0.50	ppb
Zirconium	90-1	489.94	507.63	510.55	502.71	2.22	ppb
Zirconium	91-1	476.76	499.66	494.19	490.20	2.44	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB3	Instrumnet Name :	P7
Client Sample ID :	CCB3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:25:26	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.32	2.33	2.31	2.32	0.34	ppb
Antimony	121-1	0.31	0.34	0.36	0.34	8.34	ppb
Arsenic	75-2	0.01	0.10	0.04	0.05	93.09	ppb
Barium	135-1	0.16	0.21	0.16	0.18	16.44	ppb
Barium	137-1	0.24	0.19	0.13	0.19	28.35	ppb
Beryllium	9-1	0.37	0.31	0.22	0.30	25.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.05	0.15	0.10	53.80	ppb
Cadmium	106-1	-1.99	-2.79	-3.62	-2.80		ppb
Cadmium	111-1	-0.09	-0.14	-0.24	-0.16		ppb
Calcium	43-1	12.76	12.95	7.02	10.91	30.91	ppb
Calcium	44-1	14.71	13.55	7.96	12.07	29.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	0.02	0.00	1565.82	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	16.80	ppb
Copper	63-2	0.09	0.08	0.11	0.10	15.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	7.05	6.68	6.34	6.69	5.34	ppb
Iron	57-2	11.00	8.35	10.68	10.01	14.46	ppb
Iron	54-2	7.15	5.65	4.92	5.91	19.32	ppb
Krypton	83-1						cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB3	Instrumnet Name :	P7
Client Sample ID :	CCB3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:25:26	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.25	0.24	0.20	0.23	12.72	ppb
Lead	207-1	0.22	0.25	0.22	0.23	7.77	ppb
Lead	208-1	0.23	0.24	0.21	0.23	7.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	11.49	12.11	10.80	11.47	5.72	ppb
Manganese	55-2	0.29	0.28	0.26	0.28	6.59	ppb
Molybdenum	94-1	0.63	0.60	0.49	0.58	12.54	ppb
Molybdenum	95-1	0.64	0.62	0.51	0.59	11.92	ppb
Molybdenum	96-1	0.65	0.63	0.47	0.58	16.37	ppb
Molybdenum	97-1	0.55	0.72	0.46	0.58	22.67	ppb
Molybdenum	98-1	0.60	0.60	0.53	0.58	7.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.59	-0.55	-0.41	-0.51		ppb
Phosphorus	31-2	-12.93	-26.26	-19.84	-19.68		ppb
Potassium	39-2	9.93	9.29	9.44	9.56	3.49	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.67	-1.30	-1.10	-1.02		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.69	-0.71	1.44	0.80	163.94	ppb
Silicon	28-1	-0.84	-0.77	-1.08	-0.90		ppb
Silver	107-1	0.11	0.08	0.08	0.09	20.74	ppb
Silver	109-1	0.11	0.08	0.07	0.09	20.12	ppb
Sodium	23-2	49.68	50.13	46.17	48.66	4.45	ppb
Strontium	86-1	0.98	0.93	0.79	0.90	10.80	ppb
Strontium	88-1	1.04	1.04	0.75	0.94	17.72	ppb
Sulfur	34-1	80.30	195.50	123.84	133.21	43.67	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.07	0.06	0.07	16.83	ppb
Thallium	205-1	0.08	0.08	0.05	0.07	23.82	ppb
Tin	118-1	0.05	0.07	0.07	0.06	19.72	ppb
Titanium	47-1	0.49	0.45	0.34	0.43	17.56	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB3	Instrumnet Name :	P7
Client Sample ID :	CCB3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:25:26	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.03	0.03	15.92	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	26.02	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	-0.04	0.17	0.12	0.08	131.40	ppb
Zirconium	90-1	0.05	0.06	0.04	0.05	14.55	ppb
Zirconium	91-1	0.04	0.07	0.06	0.06	26.49	ppb

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 11:53:57	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	103	90	94	8.15	cps
Antimony	121-1	20	27	50	32	48.88	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	50	30	23	34	40.30	cps
Barium	137-1	53	33	50	46	23.52	cps
Beryllium	9-1	110	133	113	119	10.62	cps
Bismuth	209-1	4285107	4310831	4239467	4278468	0.84	cps
Bismuth	209-2	3141863	3098428	3073995	3104762	1.11	cps
Bromine	81-1	26143	26157	26334	26211	0.41	cps
Bromine	81-2	47	53	53	51	7.52	cps
Cadmium	108-1	10	13	3	9	57.30	cps
Cadmium	106-1	4457	4501	4327	4428	2.04	cps
Cadmium	111-1	3117	3141	3030	3096	1.88	cps
Calcium	43-1	493	500	593	529	10.57	cps
Calcium	44-1	10084	9987	10374	10148	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	820	837	730	796	7.21	cps
Cobalt	59-2	33	53	60	49	28.39	cps
Copper	63-2	1300	1323	1293	1306	1.21	cps
Dysprosium	156-1	7	10	7	8	24.71	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	43	30	67	47	39.77	cps
Erbium	164-2	40	23	40	34	27.94	cps
Gadolinium	160-1	50	20	20	30	57.74	cps
Gadolinium	160-2	177	233	220	210	14.11	cps
Holmium	165-1	7368517	7547461	7407405	7441128	1.26	cps
Holmium	165-2	4623769	4723335	4593173	4646759	1.46	cps
Indium	115-1	5932548	5983235	5882877	5932887	0.85	cps
Indium	115-2	1777929	1743110	1732691	1751243	1.35	cps
Iron	56-2	8236	8256	8496	8329	1.74	cps
Iron	57-2	483	387	367	412	15.13	cps
Iron	54-2	1213	1120	1157	1163	4.04	cps
Krypton	83-1	60	107	80	82	28.48	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 11:53:57	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	120	137	133	130	6.79	cps
Lead	207-1	103	123	143	123	16.22	cps
Lead	208-1	543	497	570	537	6.92	cps
Lithium	6-1	1354335	1358299	1364256	1358964	0.37	cps
Magnesium	24-2	443	507	407	452	11.19	cps
Manganese	55-2	227	157	197	193	18.16	cps
Molybdenum	94-1	217	190	197	201	6.90	cps
Molybdenum	95-1	577	603	513	564	8.19	cps
Molybdenum	96-1	103	77	80	87	16.77	cps
Molybdenum	97-1	153	83	143	127	29.89	cps
Molybdenum	98-1	67	53	47	56	18.33	cps
Neodymium	150-1	3	7	10	7	50.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	560	563	637	587	7.39	cps
Phosphorus	31-2	217	207	283	236	17.69	cps
Potassium	39-2	46508	47460	46808	46925	1.04	cps
Rhodium	103-1	5320644	5333768	5222304	5292239	1.15	cps
Rhodium	103-2	2754565	2721300	2690385	2722083	1.18	cps
Scandium	45-1	3259166	3271372	3240962	3257167	0.47	cps
Scandium	45-2	236270	233952	231988	234070	0.92	cps
Selenium	82-1	309	267	289	289	7.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	113	120	107	113	5.88	cps
Silicon	28-1	239474	241122	236093	238896	1.07	cps
Silver	107-1	87	87	77	83	6.93	cps
Silver	109-1	37	17	17	23	49.48	cps
Sodium	23-2	9453	9406	9353	9404	0.53	cps
Strontium	86-1	187	197	190	191	2.66	cps
Strontium	88-1	390	280	360	343	16.56	cps
Sulfur	34-1	170138	170516	168191	169615	0.74	cps
Terbium	159-1	7788380	7784831	7696354	7756522	0.67	cps
Terbium	159-2	4602487	4609716	4546550	4586251	0.75	cps
Thallium	203-1	40	50	63	51	22.90	cps
Thallium	205-1	153	143	157	151	4.59	cps
Tin	118-1	297	333	390	340	13.83	cps
Titanium	47-1	77	100	100	92	14.61	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 11:53:57	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	17	13	18	28.64	cps
Vanadium	51-2	27	30	17	24	28.38	cps
Yttrium	89-1	9650425	9838990	9648208	9712541	1.13	cps
Yttrium	89-2	2058713	2070439	2060175	2063109	0.31	cps
Zinc	66-2	387	323	410	373	12.01	cps
Zirconium	90-1	317	427	380	374	14.75	cps
Zirconium	91-1	77	63	103	81	25.11	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:00:30	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2020	2080	2117	2072	2.36	cps
Antimony	121-1	8483	8646	8803	8644	1.85	cps
Arsenic	75-2	230	223	170	208	15.83	cps
Barium	135-1	12612	12516	12659	12596	0.58	cps
Barium	137-1	21470	21400	21349	21406	0.28	cps
Beryllium	9-1	950	927	983	953	2.99	cps
Bismuth	209-1	4401259	4331976	4247167	4326801	1.78	cps
Bismuth	209-2	3156535	3124922	3113101	3131519	0.72	cps
Bromine	81-1	26243	25699	25412	25785	1.64	cps
Bromine	81-2	67	70	40	59	27.92	cps
Cadmium	108-1	97	127	97	107	16.24	cps
Cadmium	106-1	4444	4474	4601	4506	1.85	cps
Cadmium	111-1	4400	4210	4430	4346	2.74	cps
Calcium	43-1	7639	7319	7669	7542	2.57	cps
Calcium	44-1	121334	121707	120850	121297	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3784	3797	3867	3816	1.17	cps
Cobalt	59-2	2704	2417	2624	2581	5.73	cps
Copper	63-2	4764	4434	4367	4522	4.70	cps
Dysprosium	156-1	23	3	7	11	96.43	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	40	37	53	43	20.34	cps
Erbium	164-2	40	30	30	33	17.32	cps
Gadolinium	160-1	30	20	27	26	19.92	cps
Gadolinium	160-2	133	157	200	163	20.71	cps
Holmium	165-1	7657264	7586502	7510479	7584748	0.97	cps
Holmium	165-2	4649485	4694283	4576702	4640157	1.28	cps
Indium	115-1	6116584	6021115	5922367	6020022	1.61	cps
Indium	115-2	1727428	1725311	1742085	1731608	0.53	cps
Iron	56-2	80333	79491	79251	79692	0.71	cps
Iron	57-2	2427	2214	2400	2347	4.95	cps
Iron	54-2	5161	4998	5191	5116	2.03	cps
Krypton	83-1	110	93	107	103	8.54	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:00:30	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3397	3350	3140	3296	4.15	cps
Lead	207-1	3024	2874	2950	2949	2.54	cps
Lead	208-1	13703	13543	13399	13548	1.12	cps
Lithium	6-1	1400416	1347408	1353509	1367111	2.12	cps
Magnesium	24-2	81491	81139	81096	81242	0.27	cps
Manganese	55-2	1430	1430	1390	1417	1.63	cps
Molybdenum	94-1	9346	9617	9463	9475	1.43	cps
Molybdenum	95-1	11968	11788	11615	11790	1.50	cps
Molybdenum	96-1	12756	12729	12632	12706	0.51	cps
Molybdenum	97-1	7349	7222	7372	7314	1.10	cps
Molybdenum	98-1	18545	18822	18742	18703	0.76	cps
Neodymium	150-1	10	7	0	6	91.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1223	1220	1283	1242	2.87	cps
Phosphorus	31-2	353	373	370	366	2.93	cps
Potassium	39-2	141776	141732	142483	141997	0.30	cps
Rhodium	103-1	5434915	5383823	5305766	5374835	1.21	cps
Rhodium	103-2	2672367	2686350	2682788	2680502	0.27	cps
Scandium	45-1	3331100	3274119	3266747	3290655	1.07	cps
Scandium	45-2	232042	231752	234121	232639	0.56	cps
Selenium	82-1	623	596	671	630	6.07	cps
Selenium	77-2	23	47	30	33	36.07	cps
Selenium	78-2	243	203	253	233	11.34	cps
Silicon	28-1	259537	251526	252848	254637	1.69	cps
Silver	107-1	5875	5685	5631	5730	2.23	cps
Silver	109-1	5131	5358	5614	5368	4.51	cps
Sodium	23-2	140450	138849	140288	139862	0.63	cps
Strontium	86-1	1760	1673	1737	1723	2.60	cps
Strontium	88-1	14047	13903	14003	13985	0.53	cps
Sulfur	34-1	170519	170849	168599	169989	0.71	cps
Terbium	159-1	7880744	7850288	7866943	7865992	0.19	cps
Terbium	159-2	4544560	4614748	4631103	4596804	1.00	cps
Thallium	203-1	4101	4087	4221	4136	1.78	cps
Thallium	205-1	9780	9620	9453	9618	1.70	cps
Tin	118-1	19744	19764	20231	19913	1.38	cps
Titanium	47-1	3254	2970	3127	3117	4.55	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:00:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12506	12533	12182	12407	1.57	cps
Vanadium	51-2	6918	6835	6682	6812	1.76	cps
Yttrium	89-1	9887212	9759681	9699070	9781988	0.98	cps
Yttrium	89-2	2046433	2047511	2032869	2042271	0.40	cps
Zinc	66-2	1050	1037	1070	1052	1.59	cps
Zirconium	90-1	8089	8266	8146	8167	1.10	cps
Zirconium	91-1	1830	1770	1913	1838	3.92	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:03:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96273	96615	95193	96027	0.77	cps
Antimony	121-1	243173	241682	242352	242402	0.31	cps
Arsenic	75-2	9553	9423	9306	9428	1.31	cps
Barium	135-1	340986	341110	338686	340261	0.40	cps
Barium	137-1	588271	586103	589448	587941	0.29	cps
Beryllium	9-1	47807	46870	46202	46960	1.72	cps
Bismuth	209-1	4337575	4302257	4311560	4317130	0.42	cps
Bismuth	209-2	3138595	3127794	3022194	3096194	2.08	cps
Bromine	81-1	26250	25165	25285	25567	2.33	cps
Bromine	81-2	23	70	53	49	48.38	cps
Cadmium	108-1	5041	4958	4978	4992	0.87	cps
Cadmium	106-1	11772	11982	11595	11783	1.64	cps
Cadmium	111-1	68451	68415	68512	68459	0.07	cps
Calcium	43-1	84410	83615	83414	83813	0.63	cps
Calcium	44-1	1232895	1239724	1225790	1232803	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82343	82464	82910	82572	0.36	cps
Cobalt	59-2	126198	127613	125926	126579	0.72	cps
Copper	63-2	891691	886579	883908	887393	0.45	cps
Dysprosium	156-1	13	33	23	23	42.86	cps
Dysprosium	156-2	10	23	10	14	53.28	cps
Erbium	164-1	57	53	77	62	20.29	cps
Erbium	164-2	47	30	57	44	30.31	cps
Gadolinium	160-1	37	63	33	44	36.99	cps
Gadolinium	160-2	180	190	233	201	14.10	cps
Holmium	165-1	7643539	7448924	7609378	7567280	1.37	cps
Holmium	165-2	4728253	4647998	4594660	4656970	1.44	cps
Indium	115-1	5986852	5921526	5915123	5941167	0.67	cps
Indium	115-2	1719190	1709280	1656698	1695056	1.98	cps
Iron	56-2	3696215	3729152	3644784	3690050	1.15	cps
Iron	57-2	97728	97262	96085	97025	0.87	cps
Iron	54-2	213921	216162	213616	214566	0.65	cps
Krypton	83-1	103	100	107	103	3.23	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:03:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	920073	939614	935789	931825	1.11	cps
Lead	207-1	806025	807127	818808	810653	0.87	cps
Lead	208-1	3897754	3830517	3907338	3878536	1.08	cps
Lithium	6-1	1369046	1332761	1347660	1349822	1.35	cps
Magnesium	24-2	872116	862682	867852	867550	0.54	cps
Manganese	55-2	642075	640237	632095	638136	0.83	cps
Molybdenum	94-1	898379	898804	905592	900925	0.45	cps
Molybdenum	95-1	1308177	1317964	1299002	1308381	0.72	cps
Molybdenum	96-1	1440916	1448399	1420922	1436746	0.99	cps
Molybdenum	97-1	814449	823972	819416	819279	0.58	cps
Molybdenum	98-1	2158031	2101925	2158261	2139405	1.52	cps
Neodymium	150-1	63	47	40	50	24.03	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	32362	32709	31977	32349	1.13	cps
Phosphorus	31-2	5024	5118	5228	5123	1.99	cps
Potassium	39-2	570389	565338	568909	568212	0.46	cps
Rhodium	103-1	5262061	5203864	5226813	5230913	0.56	cps
Rhodium	103-2	2728756	2693263	2628399	2683473	1.90	cps
Scandium	45-1	3281350	3222463	3244493	3249435	0.92	cps
Scandium	45-2	231660	230747	227299	229902	1.00	cps
Selenium	82-1	4391	4401	4338	4377	0.77	cps
Selenium	77-2	310	310	363	328	9.39	cps
Selenium	78-2	1193	1257	1137	1196	5.02	cps
Silicon	28-1	1489993	1449904	1472406	1470768	1.37	cps
Silver	107-1	320389	322797	320259	321148	0.45	cps
Silver	109-1	306606	305616	302808	305010	0.65	cps
Sodium	23-2	1375755	1397443	1402011	1391736	1.01	cps
Strontium	86-1	2196759	2210995	2221681	2209812	0.57	cps
Strontium	88-1	19549132	19432462	19579495	19520363	0.40	cps
Sulfur	34-1	195362	193555	192142	193686	0.83	cps
Terbium	159-1	7785789	7796661	7707808	7763419	0.62	cps
Terbium	159-2	4596140	4574941	4527172	4566084	0.77	cps
Thallium	203-1	226924	225455	228553	226977	0.68	cps
Thallium	205-1	533878	531582	534119	533193	0.26	cps
Tin	118-1	216904	219324	214503	216910	1.11	cps
Titanium	47-1	313114	311334	308747	311065	0.71	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:03:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	693794	695776	702623	697398	0.66	cps
Vanadium	51-2	71331	71378	70808	71172	0.44	cps
Yttrium	89-1	9688050	9539457	9565655	9597721	0.83	cps
Yttrium	89-2	2035044	2048002	1978489	2020512	1.83	cps
Zinc	66-2	146231	146056	146517	146268	0.16	cps
Zirconium	90-1	442904	444257	445685	444282	0.31	cps
Zirconium	91-1	97756	98672	99101	98510	0.70	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:06:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	229587	229234	227528	228783	0.48	cps
Antimony	121-1	590676	592812	590066	591184	0.24	cps
Arsenic	75-2	23385	22924	23185	23165	1.00	cps
Barium	135-1	836836	839436	829914	835395	0.59	cps
Barium	137-1	1446885	1445378	1435623	1442628	0.42	cps
Beryllium	9-1	112983	113792	112573	113116	0.55	cps
Bismuth	209-1	4290352	4286481	4254014	4276949	0.47	cps
Bismuth	209-2	2985232	2988104	3071372	3014903	1.62	cps
Bromine	81-1	24918	25041	24647	24869	0.81	cps
Bromine	81-2	37	43	70	50	35.28	cps
Cadmium	108-1	12205	12566	12556	12442	1.65	cps
Cadmium	106-1	21770	22080	21660	21836	1.00	cps
Cadmium	111-1	163379	162347	159018	161581	1.41	cps
Calcium	43-1	201195	200577	200147	200640	0.26	cps
Calcium	44-1	2960575	2921605	2940921	2941034	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	196841	194969	195877	195896	0.48	cps
Cobalt	59-2	301726	302777	302210	302238	0.17	cps
Copper	63-2	2172132	2131025	2139961	2147706	1.01	cps
Dysprosium	156-1	63	80	57	67	18.03	cps
Dysprosium	156-2	47	60	60	56	13.85	cps
Erbium	164-1	73	80	53	69	20.15	cps
Erbium	164-2	60	43	37	47	25.75	cps
Gadolinium	160-1	63	67	53	61	11.36	cps
Gadolinium	160-2	177	187	217	193	10.77	cps
Holmium	165-1	7568297	7401267	7466558	7478707	1.13	cps
Holmium	165-2	4595498	4577465	4553979	4575647	0.45	cps
Indium	115-1	5925204	5770678	5771351	5822411	1.53	cps
Indium	115-2	1665508	1656651	1666520	1662893	0.33	cps
Iron	56-2	8933481	8869369	8820469	8874440	0.64	cps
Iron	57-2	230237	229164	229435	229612	0.24	cps
Iron	54-2	510636	511638	503316	508530	0.89	cps
Krypton	83-1	113	123	93	110	13.89	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:06:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2552095	2479190	2488808	2506698	1.58	cps
Lead	207-1	2236593	2190713	2201155	2209487	1.09	cps
Lead	208-1	10079015	9952835	9872566	9968139	1.04	cps
Lithium	6-1	1370042	1317661	1315226	1334310	2.32	cps
Magnesium	24-2	2053933	2036990	2053399	2048107	0.47	cps
Manganese	55-2	1529058	1520629	1510833	1520173	0.60	cps
Molybdenum	94-1	2238216	2189701	2213224	2213714	1.10	cps
Molybdenum	95-1	3246302	3183380	3215210	3214964	0.98	cps
Molybdenum	96-1	3586482	3458977	3491062	3512173	1.89	cps
Molybdenum	97-1	2020800	1992931	1995676	2003135	0.77	cps
Molybdenum	98-1	5258732	5176201	5115608	5183514	1.39	cps
Neodymium	150-1	113	157	147	139	16.34	cps
Neodymium	150-2	30	23	27	27	12.51	cps
Nickel	60-2	77023	77485	75003	76504	1.73	cps
Phosphorus	31-2	12118	12372	11925	12138	1.85	cps
Potassium	39-2	1239472	1228873	1258488	1242277	1.21	cps
Rhodium	103-1	5196531	5098138	5074049	5122906	1.27	cps
Rhodium	103-2	2541832	2596713	2599379	2579308	1.26	cps
Scandium	45-1	3159484	3123468	3110632	3131195	0.81	cps
Scandium	45-2	221722	223003	220771	221832	0.51	cps
Selenium	82-1	10261	10282	10029	10190	1.38	cps
Selenium	77-2	770	723	770	754	3.57	cps
Selenium	78-2	2657	2767	2824	2749	3.08	cps
Silicon	28-1	3091131	3040896	3051721	3061249	0.86	cps
Silver	107-1	775052	769737	768525	771104	0.45	cps
Silver	109-1	738518	733464	729107	733697	0.64	cps
Sodium	23-2	3339984	3339887	3260217	3313363	1.39	cps
Strontium	86-1	5485022	5299239	5303903	5362721	1.98	cps
Strontium	88-1	47265039	47058138	47792443	47371873	0.80	cps
Sulfur	34-1	220487	217685	217461	218544	0.77	cps
Terbium	159-1	7723862	7826516	7668302	7739560	1.04	cps
Terbium	159-2	4474578	4443126	4502311	4473339	0.66	cps
Thallium	203-1	557119	560188	558885	558730	0.28	cps
Thallium	205-1	1320905	1310848	1318053	1316602	0.39	cps
Tin	118-1	532809	534888	531183	532960	0.35	cps
Titanium	47-1	749535	749362	743645	747514	0.45	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:06:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1961210	1923065	1917945	1934073	1.22	cps
Vanadium	51-2	171756	169725	170066	170516	0.64	cps
Yttrium	89-1	9553983	9365042	9384312	9434446	1.10	cps
Yttrium	89-2	1921915	1979370	2004033	1968439	2.14	cps
Zinc	66-2	343950	342561	345271	343928	0.39	cps
Zirconium	90-1	1083221	1081975	1072216	1079137	0.56	cps
Zirconium	91-1	244283	240407	240031	241574	0.97	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:09:54	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	446255	445885	444603	445581	0.19	cps
Antimony	121-1	1172704	1176563	1170076	1173114	0.28	cps
Arsenic	75-2	46192	45386	44944	45507	1.39	cps
Barium	135-1	1752650	1755597	1726426	1744891	0.92	cps
Barium	137-1	2990580	3007826	3022474	3006960	0.53	cps
Beryllium	9-1	218939	220020	218401	219120	0.38	cps
Bismuth	209-1	4177156	4205897	4303110	4228721	1.56	cps
Bismuth	209-2	3079635	3013640	3067210	3053495	1.15	cps
Bromine	81-1	24878	23906	23789	24191	2.47	cps
Bromine	81-2	47	47	13	36	54.14	cps
Cadmium	108-1	24955	25225	24621	24934	1.21	cps
Cadmium	106-1	40035	40018	38471	39508	2.27	cps
Cadmium	111-1	317895	313719	312894	314836	0.85	cps
Calcium	43-1	393908	389057	389887	390951	0.66	cps
Calcium	44-1	5756758	5767808	5715383	5746650	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	379291	378814	378404	378837	0.12	cps
Cobalt	59-2	590040	589771	580978	586930	0.88	cps
Copper	63-2	4149665	4136475	4151791	4145977	0.20	cps
Dysprosium	156-1	123	110	123	119	6.48	cps
Dysprosium	156-2	73	80	97	83	14.43	cps
Erbium	164-1	93	80	87	87	7.69	cps
Erbium	164-2	60	40	43	48	22.43	cps
Gadolinium	160-1	113	127	107	116	8.81	cps
Gadolinium	160-2	223	253	173	217	18.65	cps
Holmium	165-1	7565552	7519610	7523194	7536118	0.34	cps
Holmium	165-2	4643842	4592315	4667328	4634495	0.83	cps
Indium	115-1	5715998	5676253	5798837	5730363	1.09	cps
Indium	115-2	1629063	1570664	1604904	1601544	1.83	cps
Iron	56-2	17505892	17384324	17084085	17324767	1.25	cps
Iron	57-2	447503	446298	445756	446519	0.20	cps
Iron	54-2	999745	982872	984659	989092	0.94	cps
Krypton	83-1	80	97	103	93	12.88	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:09:54	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5026562	5074001	5049268	5049944	0.47	cps
Lead	207-1	4350099	4477433	4408173	4411901	1.44	cps
Lead	208-1	19866740	20267031	20014261	20049344	1.01	cps
Lithium	6-1	1345871	1307060	1353746	1335559	1.87	cps
Magnesium	24-2	4030842	3940545	4009748	3993711	1.18	cps
Manganese	55-2	2940506	2991070	2945505	2959027	0.94	cps
Molybdenum	94-1	4315086	4315527	4293685	4308099	0.29	cps
Molybdenum	95-1	6409260	6321148	6233887	6321432	1.39	cps
Molybdenum	96-1	6949054	6924567	6808255	6893959	1.09	cps
Molybdenum	97-1	4010584	4019266	3911144	3980331	1.51	cps
Molybdenum	98-1	10386830	10292236	10220189	10299752	0.81	cps
Neodymium	150-1	233	263	253	250	6.11	cps
Neodymium	150-2	43	33	30	36	19.51	cps
Nickel	60-2	148884	148089	146780	147918	0.72	cps
Phosphorus	31-2	22954	23391	22804	23050	1.32	cps
Potassium	39-2	2367482	2385581	2382005	2378356	0.40	cps
Rhodium	103-1	5011291	4981885	5010027	5001068	0.33	cps
Rhodium	103-2	2563412	2513093	2497654	2524720	1.36	cps
Scandium	45-1	3106385	3034003	3058752	3066380	1.20	cps
Scandium	45-2	220747	212292	217103	216714	1.96	cps
Selenium	82-1	19645	19759	19166	19523	1.61	cps
Selenium	77-2	1577	1667	1387	1543	9.26	cps
Selenium	78-2	5118	5191	5078	5129	1.12	cps
Silicon	28-1	5791234	5736560	5654355	5727383	1.20	cps
Silver	107-1	1509912	1507797	1500246	1505985	0.34	cps
Silver	109-1	1440671	1429504	1430067	1433414	0.44	cps
Sodium	23-2	6535305	6568736	6456746	6520262	0.88	cps
Strontium	86-1	10783557	10644912	10616445	10681638	0.84	cps
Strontium	88-1	92921019	93336412	91992205	92749879	0.74	cps
Sulfur	34-1	267229	264278	261335	264281	1.12	cps
Terbium	159-1	7848467	7656247	7782409	7762374	1.26	cps
Terbium	159-2	4610843	4437230	4507081	4518385	1.93	cps
Thallium	203-1	1122859	1123780	1121784	1122808	0.09	cps
Thallium	205-1	2921735	2857780	2891580	2890365	1.11	cps
Tin	118-1	1045500	1048191	1052150	1048614	0.32	cps
Titanium	47-1	1459970	1456633	1415032	1443878	1.73	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:09:54	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3874652	3920149	3954195	3916332	1.02	cps
Vanadium	51-2	335045	333462	329163	332557	0.92	cps
Yttrium	89-1	9377041	9459121	9387474	9407879	0.47	cps
Yttrium	89-2	2008993	1934806	1921952	1955251	2.40	cps
Zinc	66-2	667837	670728	660778	666448	0.77	cps
Zirconium	90-1	2172751	2152003	2134721	2153158	0.88	cps
Zirconium	91-1	478254	478714	473813	476927	0.57	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:12:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	863951	865035	853085	860690	0.77	cps
Antimony	121-1	2365737	2395459	2348243	2369813	1.01	cps
Arsenic	75-2	87881	87935	88803	88206	0.59	cps
Barium	135-1	3480704	3540143	3432080	3484309	1.55	cps
Barium	137-1	5942320	5959548	5970179	5957349	0.24	cps
Beryllium	9-1	423054	421602	416549	420402	0.81	cps
Bismuth	209-1	4154075	4149788	4146167	4150010	0.10	cps
Bismuth	209-2	3026689	2861192	2937905	2941929	2.82	cps
Bromine	81-1	23903	23823	22928	23551	2.30	cps
Bromine	81-2	60	67	77	68	12.38	cps
Cadmium	108-1	47334	47795	47658	47596	0.50	cps
Cadmium	106-1	73197	71696	72316	72403	1.04	cps
Cadmium	111-1	614063	608414	603888	608788	0.84	cps
Calcium	43-1	760872	749757	738527	749718	1.49	cps
Calcium	44-1	11211559	11051327	11084570	11115819	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	736014	736668	733419	735367	0.23	cps
Cobalt	59-2	1126986	1126394	1120971	1124783	0.29	cps
Copper	63-2	7956147	7992981	7849651	7932926	0.94	cps
Dysprosium	156-1	233	240	273	249	8.61	cps
Dysprosium	156-2	153	177	203	178	14.07	cps
Erbium	164-1	110	77	117	101	21.19	cps
Erbium	164-2	67	57	47	57	17.65	cps
Gadolinium	160-1	163	140	127	143	12.95	cps
Gadolinium	160-2	290	237	257	261	10.32	cps
Holmium	165-1	7495629	7429918	7386970	7437506	0.74	cps
Holmium	165-2	4739081	4459693	4553140	4583971	3.10	cps
Indium	115-1	5622542	5536867	5569249	5576219	0.78	cps
Indium	115-2	1629302	1497452	1535216	1553990	4.37	cps
Iron	56-2	33377778	33309237	33256760	33314591	0.18	cps
Iron	57-2	862046	866588	861478	863371	0.32	cps
Iron	54-2	1875170	1871016	1839859	1862015	1.04	cps
Krypton	83-1	140	90	83	104	29.66	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:12:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9971782	9850939	9956157	9926292	0.66	cps
Lead	207-1	8774852	8869843	8701163	8781953	0.96	cps
Lead	208-1	39820146	40152980	39737558	39903561	0.55	cps
Lithium	6-1	1297133	1257722	1265646	1273500	1.64	cps
Magnesium	24-2	7730945	7740601	7657500	7709682	0.59	cps
Manganese	55-2	5687828	5617377	5694932	5666713	0.76	cps
Molybdenum	94-1	8579078	8588334	8507187	8558200	0.52	cps
Molybdenum	95-1	12542054	12450942	12308628	12433875	0.95	cps
Molybdenum	96-1	13672541	13428430	13265475	13455482	1.52	cps
Molybdenum	97-1	7922712	7743789	7662484	7776328	1.71	cps
Molybdenum	98-1	20179604	20116531	20096316	20130817	0.22	cps
Neodymium	150-1	523	497	490	503	3.50	cps
Neodymium	150-2	90	107	103	100	8.82	cps
Nickel	60-2	281265	282013	279116	280798	0.54	cps
Phosphorus	31-2	44996	44538	44561	44698	0.58	cps
Potassium	39-2	4586874	4556668	4525126	4556223	0.68	cps
Rhodium	103-1	4812330	4773608	4724219	4770053	0.93	cps
Rhodium	103-2	2488267	2344552	2381050	2404623	3.11	cps
Scandium	45-1	2996319	2936788	2920812	2951306	1.35	cps
Scandium	45-2	219009	204139	209909	211019	3.55	cps
Selenium	82-1	37857	37218	37590	37555	0.85	cps
Selenium	77-2	2870	2910	2884	2888	0.71	cps
Selenium	78-2	9533	9920	9667	9707	2.02	cps
Silicon	28-1	10749378	10692770	10414412	10618853	1.69	cps
Silver	107-1	3043736	3025182	2978733	3015884	1.11	cps
Silver	109-1	2863476	2833169	2814781	2837142	0.87	cps
Sodium	23-2	12635006	12602454	12493565	12577008	0.59	cps
Strontium	86-1	20931325	20657305	20592453	20727027	0.87	cps
Strontium	88-1	182840797	182668691	184180777	183230088	0.45	cps
Sulfur	34-1	355332	354919	351354	353868	0.62	cps
Terbium	159-1	7665560	7647609	7738021	7683730	0.62	cps
Terbium	159-2	4631028	4390795	4460063	4493962	2.75	cps
Thallium	203-1	2427343	2448272	2436249	2437288	0.43	cps
Thallium	205-1	5748417	5622415	5705376	5692069	1.13	cps
Tin	118-1	2142428	2138194	2095643	2125422	1.22	cps
Titanium	47-1	2842639	2837284	2789155	2823026	1.04	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:12:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7797103	7856683	7930901	7861563	0.85	cps
Vanadium	51-2	646431	650305	644844	647194	0.43	cps
Yttrium	89-1	9231953	9043241	9075062	9116752	1.11	cps
Yttrium	89-2	1942530	1849301	1868999	1886943	2.60	cps
Zinc	66-2	1278103	1280220	1267918	1275414	0.52	cps
Zirconium	90-1	4241040	4170280	4219618	4210313	0.86	cps
Zirconium	91-1	939520	935397	927918	934278	0.63	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:15:45	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1680180	1656989	1663234	1666801	0.72	cps
Antimony	121-1	4586425	4655591	4664626	4635547	0.92	cps
Arsenic	75-2	172072	169998	170456	170842	0.64	cps
Barium	135-1	6700251	6776770	6774080	6750367	0.64	cps
Barium	137-1	11578804	11703173	11630007	11637328	0.54	cps
Beryllium	9-1	787314	798181	795196	793564	0.71	cps
Bismuth	209-1	4152535	4118237	4112097	4127623	0.53	cps
Bismuth	209-2	2861712	2818070	2922879	2867554	1.84	cps
Bromine	81-1	23285	23395	23529	23403	0.52	cps
Bromine	81-2	43	37	87	56	48.87	cps
Cadmium	108-1	89420	92063	91506	90996	1.53	cps
Cadmium	106-1	132905	135649	135592	134715	1.16	cps
Cadmium	111-1	1150346	1162285	1157310	1156647	0.52	cps
Calcium	43-1	1444988	1425202	1446383	1438857	0.82	cps
Calcium	44-1	21492525	21632886	21532035	21552482	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1434129	1468747	1456106	1452994	1.21	cps
Cobalt	59-2	2237374	2240550	2222909	2233611	0.42	cps
Copper	63-2	15324861	15202736	14956674	15161424	1.24	cps
Dysprosium	156-1	390	473	400	421	10.81	cps
Dysprosium	156-2	370	363	353	362	2.32	cps
Erbium	164-1	130	97	123	117	15.12	cps
Erbium	164-2	63	67	93	74	22.09	cps
Gadolinium	160-1	280	397	340	339	17.22	cps
Gadolinium	160-2	397	317	327	347	12.58	cps
Holmium	165-1	7540198	7374769	7473154	7462707	1.11	cps
Holmium	165-2	4599216	4485486	4585776	4556826	1.36	cps
Indium	115-1	5472384	5347292	5349695	5389790	1.33	cps
Indium	115-2	1532301	1515593	1512846	1520247	0.69	cps
Iron	56-2	65533577	65908474	65594961	65679004	0.31	cps
Iron	57-2	1664475	1618171	1653991	1645546	1.48	cps
Iron	54-2	3654178	3617788	3603260	3625075	0.72	cps
Krypton	83-1	143	90	107	113	24.08	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:15:45	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19256316	19673490	19545064	19491623	1.10	cps
Lead	207-1	16974906	17591302	17025339	17197182	1.99	cps
Lead	208-1	76795109	79572180	77873177	78080155	1.79	cps
Lithium	6-1	1297958	1248886	1252124	1266323	2.17	cps
Magnesium	24-2	15206744	15097734	15138270	15147583	0.36	cps
Manganese	55-2	11291277	11273772	11315838	11293629	0.19	cps
Molybdenum	94-1	16763540	16983473	16818993	16855335	0.68	cps
Molybdenum	95-1	24097986	24554350	24476252	24376196	1.00	cps
Molybdenum	96-1	26395320	26630785	26784433	26603513	0.74	cps
Molybdenum	97-1	15060685	15414938	15303878	15259834	1.19	cps
Molybdenum	98-1	39095496	39981518	39289107	39455374	1.18	cps
Neodymium	150-1	1007	1077	1043	1042	3.36	cps
Neodymium	150-2	160	150	213	174	19.52	cps
Nickel	60-2	541029	538756	540000	539928	0.21	cps
Phosphorus	31-2	87277	87079	86999	87118	0.16	cps
Potassium	39-2	9011596	9024472	8892417	8976162	0.81	cps
Rhodium	103-1	4752063	4628283	4625476	4668608	1.55	cps
Rhodium	103-2	2350662	2384401	2328064	2354375	1.20	cps
Scandium	45-1	2992325	2865288	2922830	2926815	2.17	cps
Scandium	45-2	210136	211894	210439	210823	0.45	cps
Selenium	82-1	71230	71830	71141	71400	0.53	cps
Selenium	77-2	5491	5454	5458	5468	0.37	cps
Selenium	78-2	18505	18258	18709	18491	1.22	cps
Silicon	28-1	19907555	19648795	19246835	19601062	1.70	cps
Silver	107-1	5604185	5825967	5634015	5688055	2.12	cps
Silver	109-1	5382984	5462688	5384314	5409995	0.84	cps
Sodium	23-2	24829924	24761951	24329623	24640499	1.10	cps
Strontium	86-1	40565272	41252075	41199050	41005466	0.93	cps
Strontium	88-1	356216555	365093715	358599288	359969852	1.28	cps
Sulfur	34-1	541745	538543	537482	539257	0.41	cps
Terbium	159-1	7748291	7672564	7514217	7645024	1.56	cps
Terbium	159-2	4515437	4440498	4493430	4483121	0.86	cps
Thallium	203-1	4738190	4772819	4732922	4747977	0.46	cps
Thallium	205-1	11373536	11247994	11287180	11302903	0.57	cps
Tin	118-1	4101835	4157711	4170712	4143419	0.88	cps
Titanium	47-1	5416667	5498544	5487196	5467469	0.81	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:15:45	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15266826	15786434	15688429	15580563	1.77	cps
Vanadium	51-2	1291904	1281108	1274758	1282590	0.68	cps
Yttrium	89-1	9254922	9056772	9039280	9116991	1.31	cps
Yttrium	89-2	1951244	1910155	1908189	1923196	1.26	cps
Zinc	66-2	2457953	2438581	2426487	2441007	0.65	cps
Zirconium	90-1	8275842	8342713	8299980	8306178	0.41	cps
Zirconium	91-1	1818129	1895263	1851669	1855020	2.08	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:18:35	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7876202	7835089	7749513	7820268	0.83	cps
Antimony	121-1	2990	3087	3100	3059	1.96	cps
Arsenic	75-2	87	97	110	98	11.97	cps
Barium	135-1	4041	3854	3397	3764	8.80	cps
Barium	137-1	6728	6298	6211	6413	4.32	cps
Beryllium	9-1	593	517	453	521	13.45	cps
Bismuth	209-1	3561079	3517311	3455416	3511269	1.51	cps
Bismuth	209-2	2464079	2433463	2480478	2459340	0.97	cps
Bromine	81-1	24570	24183	24343	24366	0.80	cps
Bromine	81-2	307	310	323	313	2.81	cps
Cadmium	108-1	87	83	47	72	30.73	cps
Cadmium	106-1	3867	3971	3787	3875	2.37	cps
Cadmium	111-1	3310	3378	3282	3323	1.49	cps
Calcium	43-1	6109047	6134834	6052030	6098637	0.69	cps
Calcium	44-1	99184085	99235615	96293399	98237700	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4471	4027	4174	4224	5.35	cps
Cobalt	59-2	5574	5861	6101	5846	4.51	cps
Copper	63-2	4581	4404	4294	4426	3.27	cps
Dysprosium	156-1	1140	1020	1097	1086	5.60	cps
Dysprosium	156-2	743	577	627	649	13.18	cps
Erbium	164-1	173	177	187	179	3.88	cps
Erbium	164-2	97	120	123	113	12.82	cps
Gadolinium	160-1	1137	1053	1110	1100	3.87	cps
Gadolinium	160-2	853	803	800	819	3.65	cps
Holmium	165-1	6932164	6819883	6684536	6812195	1.82	cps
Holmium	165-2	4245997	4183051	4152188	4193746	1.14	cps
Indium	115-1	5035711	4945828	4893515	4958352	1.45	cps
Indium	115-2	1386835	1369250	1368809	1374965	0.75	cps
Iron	56-2	297371642	296052282	295740876	296388267	0.29	cps
Iron	57-2	7341214	7282469	7206091	7276591	0.93	cps
Iron	54-2	16146317	16094974	16107905	16116399	0.17	cps
Krypton	83-1	123	130	167	140	16.67	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:18:35	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7942	7879	7639	7820	2.05	cps
Lead	207-1	7212	6492	6211	6638	7.78	cps
Lead	208-1	32292	30814	29710	30939	4.19	cps
Lithium	6-1	1142333	1133897	1134847	1137026	0.41	cps
Magnesium	24-2	69755899	70397426	69392904	69848743	0.73	cps
Manganese	55-2	5448	5344	5178	5323	2.56	cps
Molybdenum	94-1	5038	4544	4427	4670	6.94	cps
Molybdenum	95-1	6178	5614	5161	5651	9.02	cps
Molybdenum	96-1	13159	12212	11858	12410	5.42	cps
Molybdenum	97-1	3714	3234	3050	3333	10.28	cps
Molybdenum	98-1	8909	7392	6938	7747	13.33	cps
Neodymium	150-1	217	213	177	202	10.98	cps
Neodymium	150-2	100	107	113	107	6.25	cps
Nickel	60-2	2360	2210	2164	2245	4.58	cps
Phosphorus	31-2	253	260	253	256	1.50	cps
Potassium	39-2	41490843	41478439	41198174	41389152	0.40	cps
Rhodium	103-1	4122338	4054614	4023542	4066832	1.24	cps
Rhodium	103-2	2052333	2058761	2030338	2047144	0.73	cps
Scandium	45-1	2833617	2751831	2701212	2762220	2.42	cps
Scandium	45-2	194495	194902	194160	194519	0.19	cps
Selenium	82-1	669	622	701	664	6.01	cps
Selenium	77-2	23	27	30	27	12.51	cps
Selenium	78-2	187	200	223	203	9.13	cps
Silicon	28-1	447939	486039	481616	471865	4.42	cps
Silver	107-1	1617	1350	1320	1429	11.43	cps
Silver	109-1	1320	1340	1093	1251	10.95	cps
Sodium	23-2	116629918	114867912	114228765	115242198	1.08	cps
Strontium	86-1	7295	6228	5785	6436	12.07	cps
Strontium	88-1	61940	53782	48068	54597	12.77	cps
Sulfur	34-1	147477	149015	148419	148304	0.52	cps
Terbium	159-1	7120051	7056528	6864233	7013604	1.90	cps
Terbium	159-2	4181507	4105328	4058855	4115230	1.50	cps
Thallium	203-1	1077	933	693	901	21.49	cps
Thallium	205-1	2294	2150	1780	2075	12.77	cps
Tin	118-1	2437	2337	2364	2379	2.18	cps
Titanium	47-1	1117	1083	990	1063	6.17	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:18:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3974	3851	3797	3874	2.34	cps
Vanadium	51-2	347	293	340	327	8.90	cps
Yttrium	89-1	8543764	8422331	8260614	8408903	1.69	cps
Yttrium	89-2	1753126	1747728	1744408	1748421	0.25	cps
Zinc	66-2	2604	2434	2650	2562	4.45	cps
Zirconium	90-1	4094	3807	3644	3848	5.92	cps
Zirconium	91-1	953	823	837	871	8.21	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P7
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:33:42	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44585	45156	44297	44679	0.98	cps
Antimony	121-1	852256	873750	869811	865272	1.32	cps
Arsenic	75-2	36411	34978	35295	35561	2.12	cps
Barium	135-1	124754	124081	125396	124744	0.53	cps
Barium	137-1	212249	216939	215368	214852	1.11	cps
Beryllium	9-1	83184	84253	83888	83775	0.65	cps
Bismuth	209-1	4436973	4352726	3975633	4255110	5.77	cps
Bismuth	209-2	3103902	3075660	3056097	3078553	0.78	cps
Bromine	81-1	24350	24347	24400	24366	0.12	cps
Bromine	81-2	37	57	40	44	24.11	cps
Cadmium	108-1	7889	7879	7579	7782	2.27	cps
Cadmium	106-1	14881	14607	14581	14690	1.13	cps
Cadmium	111-1	120528	120723	122431	121227	0.86	cps
Calcium	43-1	25535	26653	26236	26141	2.16	cps
Calcium	44-1	422483	424552	423473	423503	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149651	150165	147422	149079	0.98	cps
Cobalt	59-2	232379	229441	230249	230690	0.66	cps
Copper	63-2	158253	158453	158257	158321	0.07	cps
Dysprosium	156-1	13	13	10	12	15.73	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	33	50	53	46	23.52	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	27	43	30	33	26.45	cps
Gadolinium	160-2	173	210	160	181	14.30	cps
Holmium	165-1	7707647	7445341	6967927	7373638	5.09	cps
Holmium	165-2	4617611	4608118	4578323	4601351	0.45	cps
Indium	115-1	6012706	5772634	5413163	5732834	5.26	cps
Indium	115-2	1686855	1693836	1643055	1674582	1.64	cps
Iron	56-2	2662458	2685719	2635731	2661303	0.94	cps
Iron	57-2	67380	67953	67430	67588	0.47	cps
Iron	54-2	156750	154163	153843	154918	1.03	cps
Krypton	83-1	87	103	83	91	11.76	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P7
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:33:42	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	783384	788097	779348	783610	0.56	cps
Lead	207-1	664673	663353	675691	667906	1.01	cps
Lead	208-1	3058133	3097091	3088119	3081114	0.66	cps
Lithium	6-1	1359489	1334900	1223325	1305904	5.56	cps
Magnesium	24-2	177956	175754	178735	177482	0.87	cps
Manganese	55-2	116278	116406	114700	115795	0.82	cps
Molybdenum	94-1	1100	1023	1110	1078	4.40	cps
Molybdenum	95-1	1957	2064	1820	1947	6.27	cps
Molybdenum	96-1	1600	1720	1623	1648	3.86	cps
Molybdenum	97-1	1063	990	1050	1034	3.78	cps
Molybdenum	98-1	2350	2414	2397	2387	1.38	cps
Neodymium	150-1	27	23	30	27	12.51	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	58724	58634	59581	58980	0.89	cps
Phosphorus	31-2	247	230	250	242	4.43	cps
Potassium	39-2	404551	406166	408821	406512	0.53	cps
Rhodium	103-1	5266763	5039503	4788785	5031684	4.75	cps
Rhodium	103-2	2614749	2613661	2603152	2610521	0.25	cps
Scandium	45-1	3219310	3087508	2857637	3054818	5.99	cps
Scandium	45-2	222060	223010	221798	222290	0.29	cps
Selenium	82-1	15172	15543	15384	15366	1.21	cps
Selenium	77-2	1127	1240	1150	1172	5.11	cps
Selenium	78-2	4327	4194	3901	4141	5.27	cps
Silicon	28-1	227001	214779	214025	218602	3.33	cps
Silver	107-1	256628	257746	260243	258206	0.72	cps
Silver	109-1	245435	249321	246966	247241	0.79	cps
Sodium	23-2	514549	511828	514455	513611	0.30	cps
Strontium	86-1	607	700	567	624	10.96	cps
Strontium	88-1	4451	4324	4417	4397	1.49	cps
Sulfur	34-1	160297	162439	161261	161332	0.66	cps
Terbium	159-1	7853612	7764008	7023518	7547046	6.04	cps
Terbium	159-2	4526083	4522253	4530064	4526133	0.09	cps
Thallium	203-1	935743	947982	945512	943079	0.69	cps
Thallium	205-1	2437861	2468541	2426022	2444141	0.90	cps
Tin	118-1	477	437	410	441	7.61	cps
Titanium	47-1	130	120	167	139	17.69	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P7
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:33:42	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	117	73	97	96	22.70	cps
Vanadium	51-2	125896	124975	125802	125558	0.40	cps
Yttrium	89-1	9714459	9202381	8772889	9229910	5.11	cps
Yttrium	89-2	1945749	1971653	1965712	1961038	0.69	cps
Zinc	66-2	51495	51040	51257	51264	0.44	cps
Zirconium	90-1	380	523	423	442	16.62	cps
Zirconium	91-1	180	253	187	207	19.62	cps

LB Number : LB128354 Operator : Jaswal
 Lab Sample ID : ICB45 Instrumnet Name : P7
 Client Sample ID : ICB45 Dilution Factor : 1
 Date & Time Acquired : 2023-11-16 12:50:39 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	120	103	110	8.02	cps
Antimony	121-1	240	307	303	283	13.26	cps
Arsenic	75-2	10	0	0	3	173.21	cps
Barium	135-1	30	23	20	24	20.83	cps
Barium	137-1	50	60	40	50	20.00	cps
Beryllium	9-1	140	133	147	140	4.76	cps
Bismuth	209-1	4355785	4265960	4327106	4316284	1.06	cps
Bismuth	209-2	3094932	3137222	3110374	3114176	0.69	cps
Bromine	81-1	26157	25869	25352	25793	1.58	cps
Bromine	81-2	47	57	43	49	14.20	cps
Cadmium	108-1	7	10	7	8	24.71	cps
Cadmium	106-1	3811	3847	4121	3926	4.32	cps
Cadmium	111-1	2666	2696	2890	2751	4.42	cps
Calcium	43-1	470	387	497	451	12.72	cps
Calcium	44-1	9286	8756	8829	8957	3.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	743	880	753	792	9.62	cps
Cobalt	59-2	73	80	73	76	5.10	cps
Copper	63-2	1323	1280	1443	1349	6.27	cps
Dysprosium	156-1	3	10	0	4	114.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	53	30	57	47	31.14	cps
Erbium	164-2	33	47	20	33	40.01	cps
Gadolinium	160-1	37	40	20	32	33.25	cps
Gadolinium	160-2	180	167	183	177	4.99	cps
Holmium	165-1	7551960	7324939	7347547	7408149	1.69	cps
Holmium	165-2	4542503	4613970	4599806	4585427	0.83	cps
Indium	115-1	5925271	5864273	5920929	5903491	0.58	cps
Indium	115-2	1731664	1705752	1720823	1719413	0.76	cps
Iron	56-2	8933	8919	8609	8820	2.08	cps
Iron	57-2	407	443	507	452	11.19	cps
Iron	54-2	1023	1173	1140	1112	7.08	cps
Krypton	83-1	100	113	97	103	8.54	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P7
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:50:39	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	117	163	150	143	16.77	cps
Lead	207-1	120	140	130	130	7.69	cps
Lead	208-1	520	633	597	583	9.91	cps
Lithium	6-1	1323275	1354025	1348421	1341907	1.22	cps
Magnesium	24-2	510	507	447	488	7.31	cps
Manganese	55-2	143	173	173	163	10.60	cps
Molybdenum	94-1	260	210	227	232	10.96	cps
Molybdenum	95-1	673	690	650	671	2.99	cps
Molybdenum	96-1	100	140	83	108	27.02	cps
Molybdenum	97-1	140	187	120	149	22.98	cps
Molybdenum	98-1	93	90	57	80	25.34	cps
Neodymium	150-1	17	0	3	7	132.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	423	377	460	420	9.95	cps
Phosphorus	31-2	203	287	250	247	16.93	cps
Potassium	39-2	46177	46243	46728	46383	0.65	cps
Rhodium	103-1	5220146	5281413	5237428	5246329	0.60	cps
Rhodium	103-2	2660032	2668261	2691210	2673168	0.60	cps
Scandium	45-1	3161727	3166421	3192754	3173634	0.53	cps
Scandium	45-2	230591	228341	228034	228989	0.61	cps
Selenium	82-1	262	229	258	249	7.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	133	147	136	7.51	cps
Silicon	28-1	230548	225402	224935	226962	1.37	cps
Silver	107-1	117	107	97	107	9.37	cps
Silver	109-1	63	73	50	62	18.81	cps
Sodium	23-2	12438	11818	12048	12101	2.59	cps
Strontium	86-1	207	163	243	204	19.59	cps
Strontium	88-1	407	337	377	373	9.41	cps
Sulfur	34-1	167854	164912	166536	166434	0.89	cps
Terbium	159-1	7752422	7639629	7628813	7673621	0.89	cps
Terbium	159-2	4507907	4530364	4612157	4550143	1.21	cps
Thallium	203-1	93	70	73	79	16.00	cps
Thallium	205-1	187	197	180	188	4.47	cps
Tin	118-1	260	390	310	320	20.49	cps
Titanium	47-1	100	83	90	91	9.21	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P7
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 12:50:39	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	13	3	10	57.75	cps
Vanadium	51-2	30	27	10	22	48.22	cps
Yttrium	89-1	9731772	9721502	9615653	9689642	0.66	cps
Yttrium	89-2	1993185	2016288	2012009	2007161	0.61	cps
Zinc	66-2	273	257	277	269	3.99	cps
Zirconium	90-1	327	390	303	340	13.19	cps
Zirconium	91-1	60	60	50	57	10.19	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:27:36	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2140	2100	2194	2145	2.18	cps
Antimony	121-1	8983	8946	9366	9099	2.56	cps
Arsenic	75-2	190	163	177	177	7.55	cps
Barium	135-1	13059	12616	12893	12856	1.74	cps
Barium	137-1	22571	22351	22381	22434	0.53	cps
Beryllium	9-1	990	1010	1083	1028	4.78	cps
Bismuth	209-1	4411894	4350832	4271684	4344803	1.62	cps
Bismuth	209-2	3089937	3045108	3113662	3082902	1.13	cps
Bromine	81-1	27759	27462	27943	27722	0.88	cps
Bromine	81-2	20	60	43	41	48.87	cps
Cadmium	108-1	110	83	100	98	13.78	cps
Cadmium	106-1	4441	4547	4101	4363	5.35	cps
Cadmium	111-1	4202	4445	4087	4245	4.30	cps
Calcium	43-1	7465	7389	7922	7592	3.80	cps
Calcium	44-1	124623	126022	125480	125375	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4001	3997	3801	3933	2.91	cps
Cobalt	59-2	2577	2677	2694	2649	2.38	cps
Copper	63-2	4434	4627	4207	4423	4.75	cps
Dysprosium	156-1	13	3	3	7	86.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	37	43	57	46	22.36	cps
Erbium	164-2	40	23	30	31	26.97	cps
Gadolinium	160-1	20	33	57	37	50.62	cps
Gadolinium	160-2	187	213	180	193	9.12	cps
Holmium	165-1	7544316	7579392	7559547	7561085	0.23	cps
Holmium	165-2	4640258	4674438	4588941	4634546	0.93	cps
Indium	115-1	6134333	6063641	5962223	6053399	1.43	cps
Indium	115-2	1730427	1730593	1739234	1733418	0.29	cps
Iron	56-2	84036	84268	82629	83644	1.06	cps
Iron	57-2	2357	2270	2334	2320	1.93	cps
Iron	54-2	5688	5261	5071	5340	5.92	cps
Krypton	83-1	90	117	90	99	15.57	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:27:36	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3347	3494	3691	3510	4.91	cps
Lead	207-1	3180	2890	3120	3064	5.00	cps
Lead	208-1	13796	13886	13983	13888	0.67	cps
Lithium	6-1	1397845	1404380	1389702	1397309	0.53	cps
Magnesium	24-2	85221	85660	83857	84913	1.11	cps
Manganese	55-2	1530	1500	1470	1500	2.00	cps
Molybdenum	94-1	9663	9670	10087	9807	2.47	cps
Molybdenum	95-1	12285	12502	12275	12354	1.04	cps
Molybdenum	96-1	13099	13410	13393	13301	1.31	cps
Molybdenum	97-1	7752	7715	7705	7724	0.32	cps
Molybdenum	98-1	19720	19710	19320	19583	1.17	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1080	1157	1080	1106	4.00	cps
Phosphorus	31-2	330	423	393	382	12.47	cps
Potassium	39-2	149902	150088	148937	149642	0.41	cps
Rhodium	103-1	5430441	5437301	5394473	5420738	0.42	cps
Rhodium	103-2	2751810	2758986	2700737	2737178	1.16	cps
Scandium	45-1	3338317	3346431	3351602	3345450	0.20	cps
Scandium	45-2	240556	240942	238258	239919	0.60	cps
Selenium	82-1	624	620	674	639	4.72	cps
Selenium	77-2	37	37	27	33	17.32	cps
Selenium	78-2	253	193	247	231	14.23	cps
Silicon	28-1	261151	251081	251555	254596	2.23	cps
Silver	107-1	5965	5955	5908	5942	0.51	cps
Silver	109-1	5644	5815	5578	5679	2.15	cps
Sodium	23-2	147175	148397	146091	147221	0.78	cps
Strontium	86-1	1943	1983	1797	1908	5.15	cps
Strontium	88-1	14771	14594	14057	14474	2.57	cps
Sulfur	34-1	180097	181332	181062	180830	0.36	cps
Terbium	159-1	7906337	7885420	7867225	7886327	0.25	cps
Terbium	159-2	4660733	4636849	4605022	4634201	0.60	cps
Thallium	203-1	4001	4334	4121	4152	4.07	cps
Thallium	205-1	10087	10247	9620	9985	3.26	cps
Tin	118-1	21292	21129	20712	21044	1.42	cps
Titanium	47-1	3194	3110	3107	3137	1.57	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:27:36	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12676	12866	12793	12778	0.75	cps
Vanadium	51-2	7048	7008	7142	7066	0.97	cps
Yttrium	89-1	9869964	9850271	9862563	9860933	0.10	cps
Yttrium	89-2	2107800	2114761	2070680	2097747	1.13	cps
Zinc	66-2	823	833	877	844	3.36	cps
Zirconium	90-1	8619	8126	8783	8509	4.02	cps
Zirconium	91-1	2000	1953	1953	1969	1.37	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P7
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:36:41	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8342891	8387176	8533161	8421076	1.18	cps
Antimony	121-1	5021	5071	5384	5159	3.82	cps
Arsenic	75-2	63	67	57	62	8.18	cps
Barium	135-1	1893	1783	2060	1912	7.29	cps
Barium	137-1	3227	3360	3270	3286	2.07	cps
Beryllium	9-1	370	363	413	382	7.10	cps
Bismuth	209-1	4216803	4045437	4106769	4123003	2.11	cps
Bismuth	209-2	2946688	2907249	2878050	2910662	1.18	cps
Bromine	81-1	27987	26200	26587	26925	3.49	cps
Bromine	81-2	83	100	87	90	9.80	cps
Cadmium	108-1	1130	1110	1047	1096	3.97	cps
Cadmium	106-1	3937	3717	3851	3835	2.89	cps
Cadmium	111-1	3315	3102	3273	3230	3.50	cps
Calcium	43-1	1360700	1363276	1324226	1349400	1.62	cps
Calcium	44-1	21362010	21528685	21247814	21379503	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30828	30280	30668	30592	0.92	cps
Cobalt	59-2	2760	2864	2934	2853	3.06	cps
Copper	63-2	13116	12789	13082	12996	1.38	cps
Dysprosium	156-1	40	23	60	41	44.66	cps
Dysprosium	156-2	27	17	17	20	28.86	cps
Erbium	164-1	80	63	40	61	32.88	cps
Erbium	164-2	83	57	47	62	30.46	cps
Gadolinium	160-1	73	57	53	61	17.53	cps
Gadolinium	160-2	180	137	197	171	18.10	cps
Holmium	165-1	8062562	7596453	7709611	7789542	3.12	cps
Holmium	165-2	4742188	4671197	4629087	4680824	1.22	cps
Indium	115-1	6118588	5773448	5732756	5874931	3.61	cps
Indium	115-2	1631381	1632094	1620794	1628089	0.39	cps
Iron	56-2	136128831	135389908	134959935	135492891	0.44	cps
Iron	57-2	3354957	3389611	3317143	3353904	1.08	cps
Iron	54-2	7476185	7463239	7416185	7451870	0.42	cps
Krypton	83-1	130	110	113	118	9.10	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P7
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:36:41	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16600	16797	16327	16575	1.43	cps
Lead	207-1	13040	13026	13060	13042	0.13	cps
Lead	208-1	61511	62182	61481	61724	0.64	cps
Lithium	6-1	1406630	1314985	1296202	1339272	4.41	cps
Magnesium	24-2	14571788	14454749	14800687	14609075	1.20	cps
Manganese	55-2	9296	9240	9200	9245	0.53	cps
Molybdenum	94-1	2698471	2642186	2738351	2693003	1.79	cps
Molybdenum	95-1	4706438	4813710	4774981	4765043	1.14	cps
Molybdenum	96-1	5023483	5101293	5070898	5065225	0.77	cps
Molybdenum	97-1	2973017	2960544	2953323	2962295	0.34	cps
Molybdenum	98-1	7680578	7597537	7696223	7658112	0.69	cps
Neodymium	150-1	37	17	30	28	36.66	cps
Neodymium	150-2	17	10	17	14	26.66	cps
Nickel	60-2	3574	3474	3537	3528	1.43	cps
Phosphorus	31-2	451154	443488	450649	448430	0.96	cps
Potassium	39-2	18310381	18030183	18473195	18271253	1.23	cps
Rhodium	103-1	5167108	4932338	4789557	4963001	3.84	cps
Rhodium	103-2	2489372	2507145	2521883	2506134	0.65	cps
Scandium	45-1	3330343	3160395	3116573	3202437	3.53	cps
Scandium	45-2	223219	218989	221177	221128	0.96	cps
Selenium	82-1	238	258	241	246	4.38	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	167	97	153	139	26.76	cps
Silicon	28-1	296565	288944	280925	288811	2.71	cps
Silver	107-1	337	343	233	304	20.26	cps
Silver	109-1	243	260	213	239	9.90	cps
Sodium	23-2	25535017	25334723	25910475	25593405	1.14	cps
Strontium	86-1	55196	55982	55384	55521	0.74	cps
Strontium	88-1	486952	489657	490168	488926	0.35	cps
Sulfur	34-1	2312496	2304491	2295264	2304084	0.37	cps
Terbium	159-1	8148073	7759351	7901061	7936162	2.48	cps
Terbium	159-2	4529745	4625132	4611199	4588692	1.12	cps
Thallium	203-1	257	297	277	277	7.23	cps
Thallium	205-1	617	590	533	580	7.34	cps
Tin	118-1	1027	1157	1140	1108	6.39	cps
Titanium	47-1	1220276	1210352	1195861	1208830	1.02	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P7
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:36:41	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	193	250	253	232	14.52	cps
Vanadium	51-2	337	297	327	320	6.51	cps
Yttrium	89-1	10216007	9632917	9411210	9753378	4.26	cps
Yttrium	89-2	2003614	2013933	2001630	2006392	0.33	cps
Zinc	66-2	3187	3150	3280	3206	2.09	cps
Zirconium	90-1	410	430	490	443	9.39	cps
Zirconium	91-1	93	127	100	107	16.54	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P7
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:39:49	DataFile Name :	025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8419737	8408570	8378829	8402379	0.25	cps
Antimony	121-1	96518	98987	98927	98144	1.44	cps
Arsenic	75-2	3797	3577	3414	3596	5.35	cps
Barium	135-1	28655	28425	27894	28325	1.38	cps
Barium	137-1	49205	49693	49402	49433	0.50	cps
Beryllium	9-1	17467	17133	17036	17212	1.31	cps
Bismuth	209-1	4153992	4066248	4033698	4084646	1.52	cps
Bismuth	209-2	2967084	3013910	2941734	2974243	1.23	cps
Bromine	81-1	26738	27118	27429	27095	1.28	cps
Bromine	81-2	83	80	103	89	14.20	cps
Cadmium	108-1	2497	2547	2514	2519	1.01	cps
Cadmium	106-1	5985	5928	5981	5965	0.53	cps
Cadmium	111-1	27206	26721	26334	26754	1.63	cps
Calcium	43-1	1331729	1320290	1335951	1329323	0.61	cps
Calcium	44-1	21505654	21170575	21023945	21233391	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60936	60785	61066	60929	0.23	cps
Cobalt	59-2	48736	49194	49120	49016	0.50	cps
Copper	63-2	43727	43336	44543	43869	1.40	cps
Dysprosium	156-1	43	30	23	32	31.61	cps
Dysprosium	156-2	30	7	13	17	72.11	cps
Erbium	164-1	83	73	63	73	13.64	cps
Erbium	164-2	60	80	17	52	61.99	cps
Gadolinium	160-1	50	30	30	37	31.49	cps
Gadolinium	160-2	190	160	220	190	15.79	cps
Holmium	165-1	7933086	7630461	7698307	7753951	2.05	cps
Holmium	165-2	4760870	4777931	4729149	4755983	0.52	cps
Indium	115-1	5829724	5676034	5734416	5746724	1.35	cps
Indium	115-2	1626578	1653077	1651555	1643737	0.91	cps
Iron	56-2	135297995	135797358	136635008	135910120	0.50	cps
Iron	57-2	3389305	3379675	3381638	3383539	0.15	cps
Iron	54-2	7327782	7328817	7462707	7373102	1.05	cps
Krypton	83-1	90	107	93	97	9.13	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P7
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:39:49	DataFile Name :	025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	109262	108149	108573	108661	0.52	cps
Lead	207-1	94747	92844	92247	93279	1.40	cps
Lead	208-1	426746	424662	422697	424701	0.48	cps
Lithium	6-1	1295210	1251192	1255598	1267333	1.91	cps
Magnesium	24-2	14814285	14740853	14582133	14712424	0.81	cps
Manganese	55-2	32659	32445	32722	32609	0.45	cps
Molybdenum	94-1	2677544	2679389	2643100	2666678	0.77	cps
Molybdenum	95-1	4709683	4825413	4722860	4752652	1.33	cps
Molybdenum	96-1	5033889	5097354	5060082	5063775	0.63	cps
Molybdenum	97-1	2986360	2988707	2955309	2976792	0.63	cps
Molybdenum	98-1	7817654	7802403	7767316	7795791	0.33	cps
Neodymium	150-1	27	37	10	24	55.11	cps
Neodymium	150-2	7	20	17	14	48.02	cps
Nickel	60-2	15054	14691	15151	14965	1.62	cps
Phosphorus	31-2	453114	451255	448677	451015	0.49	cps
Potassium	39-2	18154706	18235365	18253613	18214561	0.29	cps
Rhodium	103-1	4993781	4771503	4816927	4860737	2.42	cps
Rhodium	103-2	2492478	2487495	2486302	2488758	0.13	cps
Scandium	45-1	3165819	3066249	2992045	3074704	2.84	cps
Scandium	45-2	223398	224697	226026	224707	0.58	cps
Selenium	82-1	1776	1735	1811	1774	2.12	cps
Selenium	77-2	100	127	153	127	21.05	cps
Selenium	78-2	533	493	513	513	3.90	cps
Silicon	28-1	291558	284390	285480	287143	1.34	cps
Silver	107-1	110909	109250	108555	109572	1.10	cps
Silver	109-1	105332	106376	104775	105495	0.77	cps
Sodium	23-2	25633770	25439461	25484918	25519383	0.40	cps
Strontium	86-1	55614	56274	55681	55857	0.65	cps
Strontium	88-1	493551	495970	497320	495614	0.39	cps
Sulfur	34-1	2251237	2289502	2224106	2254948	1.46	cps
Terbium	159-1	8154870	7844974	8003884	8001243	1.94	cps
Terbium	159-2	4716388	4668300	4608270	4664319	1.16	cps
Thallium	203-1	102156	102465	100725	101782	0.91	cps
Thallium	205-1	237483	237952	237004	237480	0.20	cps
Tin	118-1	1007	1030	1127	1054	6.03	cps
Titanium	47-1	1201616	1195895	1192783	1196764	0.37	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P7
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:39:49	DataFile Name :	025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	233	403	270	302	29.60	cps
Vanadium	51-2	26019	26363	26497	26293	0.94	cps
Yttrium	89-1	9848951	9441189	9672840	9654327	2.12	cps
Yttrium	89-2	2025487	2013984	2039751	2026408	0.64	cps
Zinc	66-2	8426	8306	8633	8455	1.96	cps
Zirconium	90-1	507	473	487	489	3.43	cps
Zirconium	91-1	103	93	117	104	11.21	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV2	Instrumnet Name :	P7
Client Sample ID :	CCV2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:42:54	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4343693	4318458	4239079	4300410	1.27	cps
Antimony	121-1	2366619	2375585	2368262	2370155	0.20	cps
Arsenic	75-2	84834	85682	84036	84850	0.97	cps
Barium	135-1	3445659	3474752	3440021	3453478	0.54	cps
Barium	137-1	6027167	6047435	5911330	5995311	1.22	cps
Beryllium	9-1	399977	400631	398370	399659	0.29	cps
Bismuth	209-1	3604285	3920897	3960087	3828423	5.10	cps
Bismuth	209-2	2678837	2719939	2746143	2714973	1.25	cps
Bromine	81-1	26898	25612	25205	25905	3.41	cps
Bromine	81-2	90	93	140	108	25.94	cps
Cadmium	108-1	45675	45982	44608	45422	1.59	cps
Cadmium	106-1	68554	69184	67884	68541	0.95	cps
Cadmium	111-1	572672	569738	568027	570146	0.41	cps
Calcium	43-1	3556683	3533369	3450686	3513579	1.59	cps
Calcium	44-1	56444314	56429247	55079429	55984330	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	729376	722256	721291	724307	0.61	cps
Cobalt	59-2	1084498	1086961	1080944	1084135	0.28	cps
Copper	63-2	7430709	7463954	7354026	7416229	0.76	cps
Dysprosium	156-1	607	697	680	661	7.24	cps
Dysprosium	156-2	430	380	437	416	7.45	cps
Erbium	164-1	133	143	157	144	8.10	cps
Erbium	164-2	90	110	60	87	29.04	cps
Gadolinium	160-1	627	700	647	658	5.76	cps
Gadolinium	160-2	577	510	700	596	16.19	cps
Holmium	165-1	6834352	7395624	7505541	7245173	4.97	cps
Holmium	165-2	4430451	4528187	4451782	4470140	1.15	cps
Indium	115-1	5015297	5425380	5422326	5287668	4.46	cps
Indium	115-2	1483433	1507353	1502825	1497870	0.85	cps
Iron	56-2	167943274	166701421	165380491	166675062	0.77	cps
Iron	57-2	4197989	4123619	4147724	4156444	0.91	cps
Iron	54-2	9177972	9074798	9111826	9121532	0.57	cps
Krypton	83-1	137	133	147	139	4.99	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV2	Instrumnet Name :	P7
Client Sample ID :	CCV2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:42:54	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9743757	9497539	9544393	9595230	1.36	cps
Lead	207-1	8569064	8527466	8320629	8472387	1.57	cps
Lead	208-1	38544654	38232126	38054178	38276986	0.65	cps
Lithium	6-1	1087176	1185724	1229633	1167511	6.25	cps
Magnesium	24-2	38262853	38718969	38618590	38533471	0.62	cps
Manganese	55-2	5628149	5587414	5607317	5607627	0.36	cps
Molybdenum	94-1	8814960	8713784	8625177	8717974	1.09	cps
Molybdenum	95-1	12744601	12736439	12701889	12727643	0.18	cps
Molybdenum	96-1	13978002	13895778	13698686	13857489	1.04	cps
Molybdenum	97-1	7878810	7921383	7799868	7866687	0.78	cps
Molybdenum	98-1	20554596	20422680	20329088	20435454	0.55	cps
Neodymium	150-1	757	683	657	699	7.41	cps
Neodymium	150-2	153	147	133	144	7.05	cps
Nickel	60-2	266030	266038	264772	265613	0.27	cps
Phosphorus	31-2	43599	43789	43675	43688	0.22	cps
Potassium	39-2	22846572	22880937	23150797	22959435	0.73	cps
Rhodium	103-1	4240591	4506960	4569876	4439142	3.94	cps
Rhodium	103-2	2325853	2284797	2293289	2301313	0.94	cps
Scandium	45-1	2816183	2978143	2998071	2930799	3.40	cps
Scandium	45-2	208233	210755	211123	210037	0.75	cps
Selenium	82-1	36227	35912	35651	35930	0.80	cps
Selenium	77-2	2684	2734	2747	2721	1.23	cps
Selenium	78-2	9210	9243	9206	9220	0.22	cps
Silicon	28-1	10977715	10877272	10666053	10840347	1.47	cps
Silver	107-1	2868109	2824995	2786228	2826444	1.45	cps
Silver	109-1	2688249	2682501	2645819	2672189	0.86	cps
Sodium	23-2	64650274	63575771	64031866	64085970	0.84	cps
Strontium	86-1	21301600	21205110	21010989	21172566	0.70	cps
Strontium	88-1	188414164	188019071	183851357	186761531	1.35	cps
Sulfur	34-1	367116	360540	353919	360525	1.83	cps
Terbium	159-1	7114155	7650707	7594977	7453280	3.96	cps
Terbium	159-2	4340829	4406887	4462072	4403263	1.38	cps
Thallium	203-1	2384605	2381610	2331009	2365741	1.27	cps
Thallium	205-1	5612440	5511374	5616233	5580016	1.07	cps
Tin	118-1	2137160	2126545	2110143	2124616	0.64	cps
Titanium	47-1	2965972	2880425	2864132	2903510	1.88	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV2	Instrumnet Name :	P7
Client Sample ID :	CCV2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:42:54	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7833534	7861371	7845314	7846740	0.18	cps
Vanadium	51-2	649544	647203	645136	647295	0.34	cps
Yttrium	89-1	8611482	9238017	9207712	9019070	3.92	cps
Yttrium	89-2	1913978	1901066	1906468	1907171	0.34	cps
Zinc	66-2	1163812	1155663	1155213	1158229	0.42	cps
Zirconium	90-1	4391240	4379251	4240173	4336888	1.94	cps
Zirconium	91-1	951066	957032	946140	951413	0.57	cps

LB Number : LB128354 Operator : Jaswal
 Lab Sample ID : CCB2 Instrumnet Name : P7
 Client Sample ID : CCB2 Dilution Factor : 1
 Date & Time Acquired : 2023-11-16 13:45:48 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	823	900	737	820	9.97	cps
Antimony	121-1	1197	1300	1320	1272	5.20	cps
Arsenic	75-2	20	10	13	14	35.26	cps
Barium	135-1	260	217	137	204	30.60	cps
Barium	137-1	440	403	260	368	25.86	cps
Beryllium	9-1	347	257	240	281	20.41	cps
Bismuth	209-1	4489190	4400406	4409480	4433025	1.10	cps
Bismuth	209-2	3133850	3553857	3147773	3278493	7.28	cps
Bromine	81-1	25743	24924	24908	25192	1.89	cps
Bromine	81-2	43	43	37	41	9.35	cps
Cadmium	108-1	17	10	20	16	32.73	cps
Cadmium	106-1	4171	4337	4174	4227	2.25	cps
Cadmium	111-1	2961	3069	2974	3002	1.96	cps
Calcium	43-1	763	600	617	660	13.62	cps
Calcium	44-1	13706	12285	11028	12340	10.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	753	703	737	731	3.48	cps
Cobalt	59-2	93	130	117	113	16.38	cps
Copper	63-2	1600	1550	1410	1520	6.48	cps
Dysprosium	156-1	10	10	7	9	21.63	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	37	60	60	52	25.79	cps
Erbium	164-2	27	67	27	40	57.73	cps
Gadolinium	160-1	27	23	17	22	22.91	cps
Gadolinium	160-2	160	233	193	196	18.78	cps
Holmium	165-1	7700880	7536938	7545707	7594508	1.21	cps
Holmium	165-2	4659016	5291355	4690222	4880198	7.30	cps
Indium	115-1	5975256	5855587	5831930	5887591	1.31	cps
Indium	115-2	1671939	1922753	1692043	1762245	7.91	cps
Iron	56-2	26287	27860	22577	25575	10.61	cps
Iron	57-2	903	983	703	863	16.71	cps
Iron	54-2	2140	2157	1913	2070	6.57	cps
Krypton	83-1	83	87	133	101	27.65	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB2	Instrumnet Name :	P7
Client Sample ID :	CCB2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:45:48	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1057	843	720	873	19.50	cps
Lead	207-1	1010	727	637	791	24.63	cps
Lead	208-1	4394	3370	2807	3524	22.83	cps
Lithium	6-1	1289355	1292371	1320383	1300703	1.32	cps
Magnesium	24-2	3267	3434	2540	3080	15.42	cps
Manganese	55-2	540	480	397	472	15.24	cps
Molybdenum	94-1	1390	1190	900	1160	21.24	cps
Molybdenum	95-1	2330	2024	1837	2064	12.07	cps
Molybdenum	96-1	1963	1537	1323	1608	20.27	cps
Molybdenum	97-1	1240	967	877	1028	18.41	cps
Molybdenum	98-1	2790	2330	1923	2348	18.47	cps
Neodymium	150-1	0	13	3	6	124.93	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	337	393	290	340	15.22	cps
Phosphorus	31-2	250	257	200	236	13.15	cps
Potassium	39-2	48751	47213	47394	47786	1.76	cps
Rhodium	103-1	5114385	5111069	5206163	5143872	1.05	cps
Rhodium	103-2	2618188	2991949	2610398	2740178	7.96	cps
Scandium	45-1	3065128	3051590	3068239	3061653	0.29	cps
Scandium	45-2	218552	251188	219575	229771	8.08	cps
Selenium	82-1	240	224	186	217	12.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	113	160	117	130	20.03	cps
Silicon	28-1	208835	206727	203734	206432	1.24	cps
Silver	107-1	630	540	340	503	29.49	cps
Silver	109-1	500	390	347	412	19.17	cps
Sodium	23-2	25635	24987	23051	24558	5.48	cps
Strontium	86-1	1603	1260	953	1272	25.56	cps
Strontium	88-1	14601	10627	7495	10908	32.65	cps
Sulfur	34-1	154721	156973	152794	154829	1.35	cps
Terbium	159-1	7935329	7876388	7796023	7869247	0.89	cps
Terbium	159-2	4543133	5185494	4643458	4790695	7.21	cps
Thallium	203-1	467	380	290	379	23.31	cps
Thallium	205-1	1097	777	757	877	21.76	cps
Tin	118-1	587	500	490	526	10.12	cps
Titanium	47-1	373	357	303	344	10.62	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB2	Instrumnet Name :	P7
Client Sample ID :	CCB2	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 13:45:48	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	627	403	330	453	34.09	cps
Vanadium	51-2	60	47	43	50	17.64	cps
Yttrium	89-1	9482449	9335161	9365320	9394310	0.83	cps
Yttrium	89-2	1984247	2270200	1953142	2069196	8.45	cps
Zinc	66-2	330	373	330	344	7.26	cps
Zirconium	90-1	853	783	643	760	14.07	cps
Zirconium	91-1	147	127	157	143	10.66	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:13:53	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2237	2107	2037	2127	4.77	cps
Antimony	121-1	9183	9153	9116	9151	0.37	cps
Arsenic	75-2	223	170	170	188	16.40	cps
Barium	135-1	13480	13193	13186	13286	1.26	cps
Barium	137-1	23136	22434	22701	22757	1.55	cps
Beryllium	9-1	933	920	980	944	3.34	cps
Bismuth	209-1	4467649	4498222	4447628	4471167	0.57	cps
Bismuth	209-2	3148772	3100655	3127128	3125518	0.77	cps
Bromine	81-1	27285	27840	27125	27417	1.37	cps
Bromine	81-2	37	47	60	48	24.50	cps
Cadmium	108-1	107	127	93	109	15.41	cps
Cadmium	106-1	4547	4491	4271	4436	3.30	cps
Cadmium	111-1	4412	4368	4068	4283	4.38	cps
Calcium	43-1	7512	7945	7539	7665	3.17	cps
Calcium	44-1	125612	125113	123729	124818	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3967	3927	3771	3888	2.67	cps
Cobalt	59-2	2400	2650	2710	2587	6.36	cps
Copper	63-2	4584	4521	4434	4513	1.67	cps
Dysprosium	156-1	3	7	10	7	50.03	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	57	53	60	57	5.89	cps
Erbium	164-2	33	40	13	29	48.05	cps
Gadolinium	160-1	57	40	17	38	53.18	cps
Gadolinium	160-2	137	207	197	180	21.03	cps
Holmium	165-1	7683437	7742876	7816840	7747718	0.86	cps
Holmium	165-2	4676211	4622587	4793220	4697339	1.86	cps
Indium	115-1	6162832	6171426	6109386	6147881	0.55	cps
Indium	115-2	1704258	1738143	1761618	1734673	1.66	cps
Iron	56-2	84482	84526	85810	84939	0.89	cps
Iron	57-2	2434	2314	2550	2432	4.87	cps
Iron	54-2	5421	5184	5331	5312	2.25	cps
Krypton	83-1	103	83	103	97	11.95	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:13:53	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3751	3774	3574	3699	2.96	cps
Lead	207-1	3087	3340	3170	3199	4.04	cps
Lead	208-1	14660	14740	14126	14509	2.30	cps
Lithium	6-1	1388856	1412534	1386992	1396127	1.02	cps
Magnesium	24-2	85978	85020	85465	85488	0.56	cps
Manganese	55-2	1493	1597	1513	1535	3.57	cps
Molybdenum	94-1	10224	9883	10194	10100	1.86	cps
Molybdenum	95-1	12729	12976	12749	12818	1.07	cps
Molybdenum	96-1	13490	13703	13680	13624	0.86	cps
Molybdenum	97-1	7542	7505	7799	7615	2.10	cps
Molybdenum	98-1	19289	19216	20010	19505	2.25	cps
Neodymium	150-1	17	10	3	10	66.70	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1100	1297	1193	1197	8.22	cps
Phosphorus	31-2	323	403	330	352	12.60	cps
Potassium	39-2	146988	145733	147499	146740	0.62	cps
Rhodium	103-1	5508885	5465074	5469970	5481309	0.44	cps
Rhodium	103-2	2723300	2717194	2751196	2730563	0.66	cps
Scandium	45-1	3320323	3322047	3327078	3323149	0.11	cps
Scandium	45-2	232753	233799	237746	234766	1.12	cps
Selenium	82-1	632	643	567	614	6.68	cps
Selenium	77-2	40	33	43	39	13.09	cps
Selenium	78-2	273	233	220	242	11.46	cps
Silicon	28-1	246659	240292	239705	242219	1.59	cps
Silver	107-1	6095	6185	5911	6064	2.30	cps
Silver	109-1	5611	5554	5818	5661	2.45	cps
Sodium	23-2	148551	149373	148222	148715	0.40	cps
Strontium	86-1	1877	1917	1980	1925	2.71	cps
Strontium	88-1	14858	14891	17540	15763	9.76	cps
Sulfur	34-1	176466	177187	175377	176343	0.52	cps
Terbium	159-1	8183186	8102182	8006456	8097274	1.09	cps
Terbium	159-2	4581381	4632398	4651570	4621783	0.78	cps
Thallium	203-1	4504	4281	4137	4307	4.29	cps
Thallium	205-1	10304	10407	10531	10414	1.09	cps
Tin	118-1	21573	21509	21686	21590	0.42	cps
Titanium	47-1	3297	3270	3214	3260	1.31	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:13:53	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13133	13210	13447	13263	1.23	cps
Vanadium	51-2	7118	7115	6702	6978	3.44	cps
Yttrium	89-1	10097638	9868041	9809728	9925136	1.53	cps
Yttrium	89-2	2067229	2053010	2117606	2079282	1.63	cps
Zinc	66-2	913	913	793	873	7.93	cps
Zirconium	90-1	8563	9090	8853	8835	2.99	cps
Zirconium	91-1	1850	2010	2010	1957	4.72	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	PB157179BL	Instrumnet Name :	P7
Client Sample ID :	PB157179BL	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:17:09	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	117	143	134	11.45	cps
Antimony	121-1	57	57	87	67	25.98	cps
Arsenic	75-2	7	0	3	3	100.05	cps
Barium	135-1	23	13	13	17	34.65	cps
Barium	137-1	53	30	13	32	62.36	cps
Beryllium	9-1	97	103	130	110	16.03	cps
Bismuth	209-1	4400781	4431582	4407753	4413372	0.37	cps
Bismuth	209-2	3123174	3196453	3108314	3142647	1.50	cps
Bromine	81-1	27088	27062	27259	27136	0.39	cps
Bromine	81-2	57	57	53	56	3.47	cps
Cadmium	108-1	13	20	27	20	33.35	cps
Cadmium	106-1	4394	4261	4297	4317	1.60	cps
Cadmium	111-1	3073	2975	2993	3014	1.73	cps
Calcium	43-1	437	480	457	458	4.74	cps
Calcium	44-1	8332	8299	8146	8259	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	823	773	703	767	7.86	cps
Cobalt	59-2	53	47	40	47	14.28	cps
Copper	63-2	1110	1143	1063	1106	3.64	cps
Dysprosium	156-1	10	10	13	11	17.30	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	73	40	60	58	29.04	cps
Erbium	164-2	37	57	37	43	26.64	cps
Gadolinium	160-1	30	40	27	32	21.53	cps
Gadolinium	160-2	170	173	223	189	15.82	cps
Holmium	165-1	7857006	7711288	7656482	7741592	1.34	cps
Holmium	165-2	4705435	4698991	4679814	4694747	0.28	cps
Indium	115-1	6181885	6147503	6150076	6159821	0.31	cps
Indium	115-2	1766648	1744799	1751744	1754397	0.64	cps
Iron	56-2	9066	8873	9056	8998	1.21	cps
Iron	57-2	450	473	453	459	2.75	cps
Iron	54-2	1253	1217	1190	1220	2.61	cps
Krypton	83-1	123	100	63	96	31.66	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	PB157179BL	Instrumnet Name :	P7
Client Sample ID :	PB157179BL	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:17:09	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	83	143	97	108	29.24	cps
Lead	207-1	93	127	120	113	15.57	cps
Lead	208-1	427	517	470	471	9.55	cps
Lithium	6-1	1395884	1367064	1378493	1380480	1.05	cps
Magnesium	24-2	517	547	540	534	2.95	cps
Manganese	55-2	150	160	180	163	9.35	cps
Molybdenum	94-1	247	250	223	240	6.05	cps
Molybdenum	95-1	600	653	520	591	11.35	cps
Molybdenum	96-1	100	97	113	103	8.53	cps
Molybdenum	97-1	127	127	157	137	12.67	cps
Molybdenum	98-1	60	77	67	68	12.38	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	397	417	300	371	16.81	cps
Phosphorus	31-2	193	227	213	211	7.95	cps
Potassium	39-2	48637	48159	48326	48374	0.50	cps
Rhodium	103-1	5557554	5458846	5438599	5485000	1.16	cps
Rhodium	103-2	2801287	2754056	2789795	2781713	0.89	cps
Scandium	45-1	3346529	3312924	3256153	3305202	1.38	cps
Scandium	45-2	236571	236199	235728	236166	0.18	cps
Selenium	82-1	203	253	282	246	16.40	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	147	97	127	123	20.40	cps
Silicon	28-1	232824	226633	227198	228885	1.50	cps
Silver	107-1	160	123	113	132	18.58	cps
Silver	109-1	83	80	73	79	6.45	cps
Sodium	23-2	11191	10891	11144	11075	1.46	cps
Strontium	86-1	190	167	203	187	9.94	cps
Strontium	88-1	327	333	280	313	9.27	cps
Sulfur	34-1	178616	179362	180195	179391	0.44	cps
Terbium	159-1	8027487	7990947	7969372	7995935	0.37	cps
Terbium	159-2	4685012	4658048	4602881	4648647	0.90	cps
Thallium	203-1	57	40	43	47	18.90	cps
Thallium	205-1	100	113	153	122	22.71	cps
Tin	118-1	337	337	320	331	2.90	cps
Titanium	47-1	83	110	110	101	15.23	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	PB157179BL	Instrumnet Name :	P7
Client Sample ID :	PB157179BL	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 14:17:09	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	10	13	12	15.73	cps
Vanadium	51-2	13	10	23	16	44.60	cps
Yttrium	89-1	10165405	10087123	10069615	10107381	0.50	cps
Yttrium	89-2	2062562	2070729	2073663	2068985	0.28	cps
Zinc	66-2	327	230	270	276	17.63	cps
Zirconium	90-1	450	340	393	394	13.95	cps
Zirconium	91-1	37	87	100	74	44.85	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04X5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:23:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13056	12478	13429	12988	3.69	cps
Antimony	121-1	40888	40898	40076	40621	1.16	cps
Arsenic	75-2	100	93	140	111	22.72	cps
Barium	135-1	396199	398848	398371	397806	0.36	cps
Barium	137-1	685695	687140	680854	684563	0.48	cps
Beryllium	9-1	340	247	250	279	18.99	cps
Bismuth	209-1	4601700	4416348	4416598	4478215	2.39	cps
Bismuth	209-2	3160760	3110790	3159886	3143812	0.91	cps
Bromine	81-1	41288	44152	45446	43629	4.88	cps
Bromine	81-2	3120	3044	3200	3121	2.51	cps
Cadmium	108-1	77	117	113	102	21.71	cps
Cadmium	106-1	4544	4414	4341	4433	2.32	cps
Cadmium	111-1	4121	4012	3943	4025	2.23	cps
Calcium	43-1	178507	177211	180912	178877	1.05	cps
Calcium	44-1	2742435	2733952	2753390	2743259	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2170	2237	2097	2168	3.23	cps
Cobalt	59-2	1840	2023	2040	1968	5.64	cps
Copper	63-2	22994	22821	22527	22781	1.04	cps
Dysprosium	156-1	70	60	93	74	22.98	cps
Dysprosium	156-2	57	40	53	50	17.64	cps
Erbium	164-1	80	133	87	100	29.06	cps
Erbium	164-2	50	73	40	54	31.42	cps
Gadolinium	160-1	83	53	90	76	25.85	cps
Gadolinium	160-2	230	183	213	209	11.32	cps
Holmium	165-1	7916463	7775207	7682237	7791302	1.51	cps
Holmium	165-2	4711935	4643060	4738376	4697790	1.05	cps
Indium	115-1	6140992	6016082	6014915	6057330	1.20	cps
Indium	115-2	1682622	1680570	1707203	1690131	0.88	cps
Iron	56-2	317677	318811	318027	318172	0.18	cps
Iron	57-2	9987	9933	9993	9971	0.33	cps
Iron	54-2	18642	18375	17964	18327	1.86	cps
Krypton	83-1	83	63	90	79	17.59	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04X5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:23:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	55831	55519	55898	55749	0.36	cps
Lead	207-1	47476	47078	47429	47328	0.46	cps
Lead	208-1	219539	217320	217706	218188	0.54	cps
Lithium	6-1	1390120	1380970	1340611	1370567	1.92	cps
Magnesium	24-2	604270	602832	606994	604699	0.35	cps
Manganese	55-2	68548	68348	69559	68818	0.94	cps
Molybdenum	94-1	2287	2340	2204	2277	3.03	cps
Molybdenum	95-1	3554	3617	3570	3580	0.92	cps
Molybdenum	96-1	3307	3264	3257	3276	0.83	cps
Molybdenum	97-1	1897	1930	1923	1917	0.92	cps
Molybdenum	98-1	4918	4691	4697	4769	2.71	cps
Neodymium	150-1	127	180	143	150	18.19	cps
Neodymium	150-2	67	57	33	52	32.76	cps
Nickel	60-2	1350	1193	1317	1287	6.41	cps
Phosphorus	31-2	3274	3244	3467	3328	3.64	cps
Potassium	39-2	647099	641592	641640	643443	0.49	cps
Rhodium	103-1	5403965	5320767	5332382	5352371	0.84	cps
Rhodium	103-2	2659225	2690263	2648119	2665869	0.82	cps
Scandium	45-1	3293977	3318823	3206235	3273012	1.81	cps
Scandium	45-2	230797	228111	227018	228642	0.85	cps
Selenium	82-1	282	324	283	296	8.15	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	123	110	113	116	6.01	cps
Silicon	28-1	2221538	2224324	2216325	2220729	0.18	cps
Silver	107-1	320	400	323	348	13.01	cps
Silver	109-1	263	237	213	238	10.52	cps
Sodium	23-2	2208850	2214870	2212562	2212094	0.14	cps
Strontium	86-1	92746	93263	93068	93026	0.28	cps
Strontium	88-1	809701	810983	818451	813045	0.58	cps
Sulfur	34-1	320654	321579	319861	320698	0.27	cps
Terbium	159-1	8205962	8012315	7970386	8062888	1.56	cps
Terbium	159-2	4639008	4554605	4639571	4611061	1.06	cps
Thallium	203-1	453	383	447	428	9.03	cps
Thallium	205-1	933	930	913	926	1.16	cps
Tin	118-1	16416	15979	16503	16299	1.72	cps
Titanium	47-1	1073	1050	1277	1133	11.00	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04X5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:23:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	780	630	750	720	11.02	cps
Vanadium	51-2	6918	6835	7112	6955	2.04	cps
Yttrium	89-1	9914632	9721600	9746379	9794204	1.07	cps
Yttrium	89-2	2037798	2039075	2027162	2034678	0.32	cps
Zinc	66-2	67224	67703	66447	67124	0.94	cps
Zirconium	90-1	1520	1577	1657	1585	4.33	cps
Zirconium	91-1	283	300	370	318	14.47	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04DUPX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103DUI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:26:43	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13329	13052	13162	13181	1.06	cps
Antimony	121-1	29500	29941	29196	29546	1.27	cps
Arsenic	75-2	117	100	133	117	14.29	cps
Barium	135-1	401488	401400	399565	400818	0.27	cps
Barium	137-1	693322	690619	688772	690904	0.33	cps
Beryllium	9-1	230	230	170	210	16.50	cps
Bismuth	209-1	4402862	4360593	4292079	4351845	1.28	cps
Bismuth	209-2	3124818	3114703	3147295	3128938	0.53	cps
Bromine	81-1	43280	44624	46272	44725	3.35	cps
Bromine	81-2	2914	3250	3180	3115	5.70	cps
Cadmium	108-1	70	90	97	86	16.22	cps
Cadmium	106-1	4461	4354	4427	4414	1.24	cps
Cadmium	111-1	4087	4018	4005	4037	1.09	cps
Calcium	43-1	181504	181990	181852	181782	0.14	cps
Calcium	44-1	2793684	2804760	2757982	2785476	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2207	2020	2023	2084	5.13	cps
Cobalt	59-2	2194	2117	2104	2138	2.27	cps
Copper	63-2	22801	22601	22711	22704	0.44	cps
Dysprosium	156-1	77	57	37	57	35.29	cps
Dysprosium	156-2	30	53	43	42	27.72	cps
Erbium	164-1	130	73	133	112	30.05	cps
Erbium	164-2	57	60	43	53	16.54	cps
Gadolinium	160-1	93	70	103	89	19.25	cps
Gadolinium	160-2	163	200	183	182	10.07	cps
Holmium	165-1	7710183	7676880	7669636	7685566	0.28	cps
Holmium	165-2	4709095	4696589	4644490	4683391	0.73	cps
Indium	115-1	6080424	6033470	5987675	6033856	0.77	cps
Indium	115-2	1679064	1701518	1709786	1696789	0.94	cps
Iron	56-2	320639	316047	317871	318186	0.73	cps
Iron	57-2	9930	9823	10110	9954	1.46	cps
Iron	54-2	17917	18558	18181	18219	1.77	cps
Krypton	83-1	100	70	110	93	22.30	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04DUPX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103DUI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:26:43	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	56420	56346	55878	56215	0.52	cps
Lead	207-1	48008	47787	47626	47807	0.40	cps
Lead	208-1	218632	218305	217938	218292	0.16	cps
Lithium	6-1	1375274	1388727	1373749	1379250	0.60	cps
Magnesium	24-2	607589	602684	607885	606053	0.48	cps
Manganese	55-2	67705	67320	67829	67618	0.39	cps
Molybdenum	94-1	1843	2087	1927	1952	6.33	cps
Molybdenum	95-1	3237	3284	3300	3274	1.00	cps
Molybdenum	96-1	3017	3024	2914	2985	2.07	cps
Molybdenum	97-1	1760	1720	1610	1697	4.58	cps
Molybdenum	98-1	4371	4307	4134	4271	2.87	cps
Neodymium	150-1	180	150	120	150	20.00	cps
Neodymium	150-2	37	40	50	42	16.43	cps
Nickel	60-2	1297	1290	1253	1280	1.82	cps
Phosphorus	31-2	3180	3174	3267	3207	1.62	cps
Potassium	39-2	645032	639743	633904	639560	0.87	cps
Rhodium	103-1	5284010	5153388	5219708	5219035	1.25	cps
Rhodium	103-2	2641365	2680613	2655646	2659208	0.75	cps
Scandium	45-1	3206992	3255494	3188437	3216974	1.08	cps
Scandium	45-2	228598	227726	231525	229283	0.87	cps
Selenium	82-1	281	277	237	265	9.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	123	130	127	127	2.63	cps
Silicon	28-1	2216605	2243149	2223951	2227902	0.62	cps
Silver	107-1	343	340	303	329	6.75	cps
Silver	109-1	257	260	283	267	5.45	cps
Sodium	23-2	2197214	2242122	2213123	2217487	1.03	cps
Strontium	86-1	94678	94383	93779	94280	0.49	cps
Strontium	88-1	831670	824306	827557	827844	0.45	cps
Sulfur	34-1	325565	323173	324088	324275	0.37	cps
Terbium	159-1	7998307	7924833	7825183	7916108	1.10	cps
Terbium	159-2	4617602	4689199	4583935	4630245	1.16	cps
Thallium	203-1	310	307	267	294	8.19	cps
Thallium	205-1	740	707	533	660	16.81	cps
Tin	118-1	16233	16343	16196	16257	0.47	cps
Titanium	47-1	1117	1257	1053	1142	9.11	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04DUPX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103DUI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:26:43	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	570	607	553	577	4.73	cps
Vanadium	51-2	7078	7415	6675	7056	5.25	cps
Yttrium	89-1	9797779	9726865	9602269	9708971	1.02	cps
Yttrium	89-2	2009692	2048080	2033598	2030457	0.95	cps
Zinc	66-2	67461	67549	68395	67802	0.76	cps
Zirconium	90-1	1097	1203	1077	1126	6.05	cps
Zirconium	91-1	253	240	267	253	5.26	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04LX25	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103L	Dilution Factor :	25
Date & Time Acquired :	2023-11-16 14:29:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4107	4107	4144	4119	0.51	cps
Antimony	121-1	7172	7222	6835	7076	2.97	cps
Arsenic	75-2	20	23	17	20	16.65	cps
Barium	135-1	79185	78407	78887	78826	0.50	cps
Barium	137-1	137762	135427	137608	136932	0.95	cps
Beryllium	9-1	157	160	170	162	4.28	cps
Bismuth	209-1	4454954	4423757	4467983	4448898	0.51	cps
Bismuth	209-2	3136139	3099802	3070498	3102146	1.06	cps
Bromine	81-1	30335	30445	30328	30369	0.22	cps
Bromine	81-2	760	747	710	739	3.50	cps
Cadmium	108-1	27	23	27	26	7.55	cps
Cadmium	106-1	4317	4357	4267	4314	1.05	cps
Cadmium	111-1	3233	3227	3155	3205	1.36	cps
Calcium	43-1	36681	36587	36457	36575	0.31	cps
Calcium	44-1	587266	588340	582662	586089	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1083	1203	1067	1118	6.67	cps
Cobalt	59-2	460	490	473	474	3.17	cps
Copper	63-2	5478	5111	5238	5275	3.53	cps
Dysprosium	156-1	27	17	27	23	24.74	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	53	77	73	68	18.62	cps
Erbium	164-2	40	43	23	36	30.14	cps
Gadolinium	160-1	43	53	43	47	12.37	cps
Gadolinium	160-2	173	177	250	200	21.67	cps
Holmium	165-1	7748576	7750997	7708009	7735861	0.31	cps
Holmium	165-2	4704539	4606326	4667785	4659550	1.06	cps
Indium	115-1	6065718	6032016	6031674	6043136	0.32	cps
Indium	115-2	1738850	1694800	1716888	1716846	1.28	cps
Iron	56-2	70564	70588	71596	70916	0.83	cps
Iron	57-2	2427	2490	2437	2451	1.39	cps
Iron	54-2	4517	4184	4721	4474	6.06	cps
Krypton	83-1	87	77	80	81	6.28	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04LX25	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103L	Dilution Factor :	25
Date & Time Acquired :	2023-11-16 14:29:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11432	11321	11505	11419	0.81	cps
Lead	207-1	9764	9700	9770	9745	0.40	cps
Lead	208-1	44926	44639	44655	44740	0.36	cps
Lithium	6-1	1368660	1371606	1401509	1380592	1.32	cps
Magnesium	24-2	122093	124055	120712	122287	1.37	cps
Manganese	55-2	14153	14023	13937	14038	0.78	cps
Molybdenum	94-1	700	633	683	672	5.16	cps
Molybdenum	95-1	1340	1187	1133	1220	8.79	cps
Molybdenum	96-1	750	750	767	756	1.27	cps
Molybdenum	97-1	490	597	533	540	9.93	cps
Molybdenum	98-1	927	1063	987	992	6.90	cps
Neodymium	150-1	47	30	47	41	23.41	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	1363	1383	1610	1452	9.43	cps
Phosphorus	31-2	773	850	810	811	4.73	cps
Potassium	39-2	166233	165192	165886	165770	0.32	cps
Rhodium	103-1	5345698	5324556	5306976	5325744	0.36	cps
Rhodium	103-2	2704562	2677999	2672139	2684900	0.64	cps
Scandium	45-1	3225406	3218665	3203502	3215858	0.35	cps
Scandium	45-2	228944	228824	229666	229145	0.20	cps
Selenium	82-1	244	275	267	262	6.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	80	150	113	30.99	cps
Silicon	28-1	609976	608148	605123	607749	0.40	cps
Silver	107-1	117	130	150	132	12.69	cps
Silver	109-1	83	107	97	96	12.25	cps
Sodium	23-2	461783	461425	459728	460979	0.24	cps
Strontium	86-1	18912	19169	19126	19069	0.72	cps
Strontium	88-1	163517	165443	164121	164360	0.60	cps
Sulfur	34-1	203942	201243	202568	202584	0.67	cps
Terbium	159-1	8005104	8092680	8045381	8047722	0.54	cps
Terbium	159-2	4580837	4558774	4588573	4576061	0.34	cps
Thallium	203-1	113	180	127	140	25.19	cps
Thallium	205-1	277	300	327	301	8.31	cps
Tin	118-1	3487	4396	3731	3871	12.15	cps
Titanium	47-1	330	317	333	327	2.70	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04LX25	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103L	Dilution Factor :	25
Date & Time Acquired :	2023-11-16 14:29:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	200	163	220	194	14.78	cps
Vanadium	51-2	1500	1503	1323	1442	7.14	cps
Yttrium	89-1	9780988	9698190	9706602	9728593	0.47	cps
Yttrium	89-2	2007873	2005633	2022817	2012108	0.46	cps
Zinc	66-2	13780	13406	13580	13588	1.38	cps
Zirconium	90-1	540	540	583	554	4.51	cps
Zirconium	91-1	113	70	103	96	23.74	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MS	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:33:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190979	190051	192764	191265	0.72	cps
Antimony	121-1	514825	511537	510003	512122	0.48	cps
Arsenic	75-2	19783	19676	20347	19936	1.81	cps
Barium	135-1	1052939	1048595	1036219	1045918	0.83	cps
Barium	137-1	1925652	1929024	1885243	1913306	1.27	cps
Beryllium	9-1	91651	91393	91225	91423	0.23	cps
Bismuth	209-1	4426400	4350457	4488899	4421919	1.57	cps
Bismuth	209-2	3043859	3059197	3028333	3043797	0.51	cps
Bromine	81-1	41094	42608	44126	42609	3.56	cps
Bromine	81-2	2857	2974	3080	2970	3.76	cps
Cadmium	108-1	10377	10647	10507	10511	1.29	cps
Cadmium	106-1	19687	19497	19033	19405	1.73	cps
Cadmium	111-1	137647	137403	135242	136764	0.97	cps
Calcium	43-1	344960	342451	339857	342423	0.75	cps
Calcium	44-1	5233620	5265108	5159610	5219446	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156835	155932	156613	156460	0.30	cps
Cobalt	59-2	250602	248423	247455	248827	0.65	cps
Copper	63-2	1713689	1688658	1684320	1695556	0.93	cps
Dysprosium	156-1	73	110	100	94	20.07	cps
Dysprosium	156-2	63	80	83	76	14.18	cps
Erbium	164-1	103	90	77	90	14.81	cps
Erbium	164-2	60	43	87	63	34.52	cps
Gadolinium	160-1	90	87	90	89	2.16	cps
Gadolinium	160-2	253	227	223	234	7.01	cps
Holmium	165-1	7728292	7770555	7888326	7795725	1.06	cps
Holmium	165-2	4624379	4679261	4602170	4635270	0.86	cps
Indium	115-1	5882777	5973030	6058897	5971568	1.47	cps
Indium	115-2	1683027	1641905	1619452	1648128	1.96	cps
Iron	56-2	9154045	9125877	9156054	9145325	0.18	cps
Iron	57-2	238876	239019	236053	237983	0.70	cps
Iron	54-2	522230	520438	519233	520633	0.29	cps
Krypton	83-1	70	93	103	89	19.24	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MS	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:33:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4390847	4349779	4357905	4366177	0.50	cps
Lead	207-1	3762372	3750451	3685829	3732884	1.10	cps
Lead	208-1	17065803	17007592	16919992	16997796	0.43	cps
Lithium	6-1	1387442	1361728	1420972	1390047	2.14	cps
Magnesium	24-2	2453068	2411049	2489556	2451224	1.60	cps
Manganese	55-2	1229009	1219173	1221342	1223175	0.42	cps
Molybdenum	94-1	1141016	1134528	1123786	1133110	0.77	cps
Molybdenum	95-1	1477560	1463558	1448543	1463220	0.99	cps
Molybdenum	96-1	1632227	1639731	1599187	1623715	1.33	cps
Molybdenum	97-1	905407	902451	897910	901923	0.42	cps
Molybdenum	98-1	2346397	2360826	2336257	2347827	0.53	cps
Neodymium	150-1	273	290	237	267	10.23	cps
Neodymium	150-2	63	60	67	63	5.27	cps
Nickel	60-2	64250	64428	63667	64115	0.62	cps
Phosphorus	31-2	2984	2754	2857	2865	4.02	cps
Potassium	39-2	1532639	1508176	1507998	1516271	0.93	cps
Rhodium	103-1	5110648	5180021	5209725	5166798	0.98	cps
Rhodium	103-2	2579378	2619732	2606871	2601994	0.79	cps
Scandium	45-1	3220740	3205562	3307150	3244484	1.69	cps
Scandium	45-2	224738	226105	226713	225852	0.45	cps
Selenium	82-1	8284	8462	8374	8374	1.06	cps
Selenium	77-2	660	637	630	642	2.45	cps
Selenium	78-2	2084	2164	2110	2119	1.92	cps
Silicon	28-1	2412225	2383602	2421984	2405937	0.83	cps
Silver	107-1	2324	2317	2250	2297	1.77	cps
Silver	109-1	1363	1290	1267	1307	3.86	cps
Sodium	23-2	5247601	5122522	5126747	5165624	1.37	cps
Strontium	86-1	255209	253476	251231	253306	0.79	cps
Strontium	88-1	2312501	2294585	2246918	2284668	1.48	cps
Sulfur	34-1	316117	313311	310745	313391	0.86	cps
Terbium	159-1	7952886	7884988	8202526	8013466	2.09	cps
Terbium	159-2	4571749	4606392	4516864	4565002	0.99	cps
Thallium	203-1	455944	452490	452929	453788	0.41	cps
Thallium	205-1	1071591	1067988	1069334	1069638	0.17	cps
Tin	118-1	430377	431376	428350	430034	0.36	cps
Titanium	47-1	237289	237935	234035	236420	0.88	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MS	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:33:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1449624	1439962	1449700	1446429	0.39	cps
Vanadium	51-2	145345	146116	144521	145327	0.55	cps
Yttrium	89-1	9596417	9633504	9967238	9732386	2.10	cps
Yttrium	89-2	1995692	2042036	1981215	2006314	1.58	cps
Zinc	66-2	326459	325463	324152	325358	0.36	cps
Zirconium	90-1	871227	871193	859099	867173	0.81	cps
Zirconium	91-1	194650	193656	192005	193437	0.69	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSDX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MSI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:36:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193414	191654	191738	192269	0.52	cps
Antimony	121-1	510968	514463	512463	512631	0.34	cps
Arsenic	75-2	19706	20064	19603	19791	1.22	cps
Barium	135-1	1059579	1058100	1049523	1055734	0.51	cps
Barium	137-1	1937637	1942312	1937831	1939260	0.14	cps
Beryllium	9-1	92191	92228	92442	92287	0.15	cps
Bismuth	209-1	4318636	4333579	4308396	4320203	0.29	cps
Bismuth	209-2	3047335	3033869	3068334	3049846	0.57	cps
Bromine	81-1	42611	43671	44179	43487	1.84	cps
Bromine	81-2	2927	2877	2934	2913	1.06	cps
Cadmium	108-1	10404	10451	10290	10382	0.79	cps
Cadmium	106-1	19974	18896	18595	19155	3.78	cps
Cadmium	111-1	138573	137806	138804	138394	0.38	cps
Calcium	43-1	339793	341624	342285	341234	0.38	cps
Calcium	44-1	5174996	5240361	5297797	5237718	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159584	157866	156125	157858	1.10	cps
Cobalt	59-2	252639	251635	249417	251230	0.66	cps
Copper	63-2	1687610	1695827	1704958	1696132	0.51	cps
Dysprosium	156-1	123	107	97	109	12.37	cps
Dysprosium	156-2	93	100	50	81	33.47	cps
Erbium	164-1	83	97	103	94	10.78	cps
Erbium	164-2	37	27	57	40	38.18	cps
Gadolinium	160-1	97	127	77	100	25.17	cps
Gadolinium	160-2	223	243	233	233	4.29	cps
Holmium	165-1	7708848	7559547	7599427	7622607	1.01	cps
Holmium	165-2	4657606	4636789	4641021	4645138	0.24	cps
Indium	115-1	6000644	6045410	5803987	5950014	2.16	cps
Indium	115-2	1670395	1694739	1664191	1676442	0.96	cps
Iron	56-2	9260739	9164181	9153493	9192804	0.64	cps
Iron	57-2	244227	240391	237985	240868	1.31	cps
Iron	54-2	529318	526485	525416	527073	0.38	cps
Krypton	83-1	93	103	93	97	5.97	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSDX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MSI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:36:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4392455	4375326	4397030	4388271	0.26	cps
Lead	207-1	3743965	3773118	3782625	3766569	0.53	cps
Lead	208-1	17199426	17042061	17197624	17146371	0.53	cps
Lithium	6-1	1366560	1334943	1366035	1355846	1.34	cps
Magnesium	24-2	2526851	2507683	2490545	2508360	0.72	cps
Manganese	55-2	1244749	1233798	1234057	1237535	0.50	cps
Molybdenum	94-1	1142021	1149357	1143353	1144910	0.34	cps
Molybdenum	95-1	1481591	1459261	1479407	1473420	0.84	cps
Molybdenum	96-1	1636597	1647293	1647775	1643888	0.38	cps
Molybdenum	97-1	904214	913094	910932	909413	0.51	cps
Molybdenum	98-1	2426743	2418970	2407039	2417584	0.41	cps
Neodymium	150-1	237	193	233	221	10.91	cps
Neodymium	150-2	47	60	67	58	17.62	cps
Nickel	60-2	65552	64170	64213	64645	1.22	cps
Phosphorus	31-2	3007	2854	2947	2936	2.63	cps
Potassium	39-2	1544514	1523916	1534721	1534383	0.67	cps
Rhodium	103-1	5160862	5134228	5105051	5133380	0.54	cps
Rhodium	103-2	2608450	2555605	2575694	2579916	1.03	cps
Scandium	45-1	3255494	3146199	3114275	3171989	2.33	cps
Scandium	45-2	225367	222721	223338	223809	0.62	cps
Selenium	82-1	8386	8452	8460	8433	0.48	cps
Selenium	77-2	657	610	597	621	5.07	cps
Selenium	78-2	2184	2244	2160	2196	1.96	cps
Silicon	28-1	2453248	2438289	2420025	2437187	0.68	cps
Silver	107-1	2337	2414	2347	2366	1.76	cps
Silver	109-1	1410	1483	1330	1408	5.45	cps
Sodium	23-2	5216466	5235477	5201875	5217939	0.32	cps
Strontium	86-1	255595	259484	255222	256767	0.92	cps
Strontium	88-1	2268483	2269322	2319379	2285728	1.28	cps
Sulfur	34-1	316694	315767	311770	314743	0.83	cps
Terbium	159-1	8007358	7841744	7848898	7899333	1.19	cps
Terbium	159-2	4575373	4668263	4525370	4589668	1.58	cps
Thallium	203-1	455433	456312	456787	456178	0.15	cps
Thallium	205-1	1077038	1066806	1082676	1075507	0.75	cps
Tin	118-1	428723	431803	428039	429522	0.47	cps
Titanium	47-1	234229	234865	234446	234513	0.14	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04MSDX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103MSI	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:36:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1450803	1453187	1481353	1461781	1.16	cps
Vanadium	51-2	146836	147644	146597	147026	0.37	cps
Yttrium	89-1	9703211	9615995	9521411	9613539	0.95	cps
Yttrium	89-2	1990325	2002714	1974612	1989217	0.71	cps
Zinc	66-2	327323	328711	329598	328544	0.35	cps
Zirconium	90-1	875374	888181	880319	881291	0.73	cps
Zirconium	91-1	195178	197317	196642	196379	0.56	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04AX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103A	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:39:30	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190621	189255	189740	189872	0.36	cps
Antimony	121-1	506417	509144	504617	506726	0.45	cps
Arsenic	75-2	19703	19323	19299	19442	1.17	cps
Barium	135-1	1039649	1047381	1038099	1041710	0.48	cps
Barium	137-1	1927074	1909236	1907809	1914706	0.56	cps
Beryllium	9-1	90837	90166	90799	90601	0.42	cps
Bismuth	209-1	4311560	4305170	4233681	4283470	1.01	cps
Bismuth	209-2	3066794	3016283	3065462	3049513	0.94	cps
Bromine	81-1	42247	42431	43206	42628	1.19	cps
Bromine	81-2	2850	2864	2940	2885	1.68	cps
Cadmium	108-1	9760	10414	9960	10045	3.33	cps
Cadmium	106-1	19079	19246	18659	18995	1.59	cps
Cadmium	111-1	136275	136173	135188	135879	0.44	cps
Calcium	43-1	339315	336955	337479	337916	0.37	cps
Calcium	44-1	5212602	5124125	5171983	5169570	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156196	154401	154461	155019	0.66	cps
Cobalt	59-2	247753	242026	245750	245177	1.19	cps
Copper	63-2	1671844	1655307	1630289	1652480	1.27	cps
Dysprosium	156-1	140	100	93	111	22.72	cps
Dysprosium	156-2	87	93	100	93	7.14	cps
Erbium	164-1	103	90	100	98	7.10	cps
Erbium	164-2	63	50	70	61	16.66	cps
Gadolinium	160-1	120	100	63	94	30.43	cps
Gadolinium	160-2	213	173	277	221	23.56	cps
Holmium	165-1	7744420	7604402	7621406	7656743	1.00	cps
Holmium	165-2	4638657	4601427	4655928	4632004	0.60	cps
Indium	115-1	5887687	5876723	5854714	5873041	0.29	cps
Indium	115-2	1698895	1619223	1651581	1656566	2.42	cps
Iron	56-2	9098505	9064249	9101649	9088135	0.23	cps
Iron	57-2	238089	235724	237166	236993	0.50	cps
Iron	54-2	521024	516358	520487	519290	0.49	cps
Krypton	83-1	90	107	80	92	14.61	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04AX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103A	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:39:30	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4378439	4365655	4335909	4360001	0.50	cps
Lead	207-1	3727385	3668010	3675607	3690334	0.88	cps
Lead	208-1	16973705	16938687	16814621	16909004	0.49	cps
Lithium	6-1	1392691	1361278	1357292	1370421	1.41	cps
Magnesium	24-2	2468800	2447212	2487500	2467837	0.82	cps
Manganese	55-2	1216926	1209897	1205823	1210882	0.46	cps
Molybdenum	94-1	1126682	1126085	1121954	1124907	0.23	cps
Molybdenum	95-1	1472831	1422604	1416953	1437463	2.14	cps
Molybdenum	96-1	1615586	1590523	1625074	1610394	1.11	cps
Molybdenum	97-1	896747	896586	886856	893396	0.63	cps
Molybdenum	98-1	2412889	2371141	2383242	2389091	0.90	cps
Neodymium	150-1	237	287	203	242	17.32	cps
Neodymium	150-2	37	60	47	48	24.50	cps
Nickel	60-2	63801	62734	63336	63290	0.85	cps
Phosphorus	31-2	2944	2840	3007	2930	2.87	cps
Potassium	39-2	1507857	1484578	1503524	1498653	0.83	cps
Rhodium	103-1	5152966	5089629	5043836	5095477	1.08	cps
Rhodium	103-2	2552850	2573816	2567991	2564886	0.42	cps
Scandium	45-1	3254681	3145316	3163829	3187942	1.84	cps
Scandium	45-2	221860	219678	220971	220837	0.50	cps
Selenium	82-1	8484	8548	8257	8430	1.81	cps
Selenium	77-2	533	567	580	560	4.29	cps
Selenium	78-2	2220	2240	2240	2234	0.52	cps
Silicon	28-1	2400907	2378589	2388708	2389401	0.47	cps
Silver	107-1	2180	2350	2417	2316	5.27	cps
Silver	109-1	1473	1427	1360	1420	4.01	cps
Sodium	23-2	5160764	5081326	5111826	5117972	0.78	cps
Strontium	86-1	254372	251821	251683	252625	0.60	cps
Strontium	88-1	2299249	2231255	2254594	2261699	1.53	cps
Sulfur	34-1	307459	306979	303614	306017	0.68	cps
Terbium	159-1	7937488	7832469	7852278	7874078	0.71	cps
Terbium	159-2	4504809	4527097	4545085	4525664	0.45	cps
Thallium	203-1	455670	450243	449666	451860	0.73	cps
Thallium	205-1	1073904	1062186	1057634	1064575	0.79	cps
Tin	118-1	424379	424958	422090	423809	0.36	cps
Titanium	47-1	232784	231364	231823	231990	0.31	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	O5415-04AX5	Instrumnet Name :	P7
Client Sample ID :	RD-SW-01-20231103A	Dilution Factor :	5
Date & Time Acquired :	2023-11-16 14:39:30	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1444516	1442891	1441913	1443107	0.09	cps
Vanadium	51-2	145298	144090	143649	144346	0.59	cps
Yttrium	89-1	9725317	9485041	9473451	9561270	1.49	cps
Yttrium	89-2	2012645	1965095	2006387	1994709	1.30	cps
Zinc	66-2	324486	320461	323906	322951	0.67	cps
Zirconium	90-1	865040	863062	861991	863364	0.18	cps
Zirconium	91-1	194790	192865	191502	193053	0.86	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV3	Instrumnet Name :	P7
Client Sample ID :	CCV3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:22:35	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4332185	4304609	4307564	4314786	0.35	cps
Antimony	121-1	2335694	2353021	2306127	2331614	1.02	cps
Arsenic	75-2	84328	83992	83674	83998	0.39	cps
Barium	135-1	3459515	3491040	3413544	3454700	1.13	cps
Barium	137-1	5855833	5948216	5846473	5883508	0.96	cps
Beryllium	9-1	406079	409712	403079	406290	0.82	cps
Bismuth	209-1	4022023	3932240	3885059	3946441	1.76	cps
Bismuth	209-2	2763938	2773386	2765644	2767656	0.18	cps
Bromine	81-1	25636	24931	24941	25169	1.60	cps
Bromine	81-2	103	93	107	101	6.87	cps
Cadmium	108-1	44545	45053	44555	44718	0.65	cps
Cadmium	106-1	69281	68340	69981	69200	1.19	cps
Cadmium	111-1	565617	565679	559369	563555	0.64	cps
Calcium	43-1	3451118	3504826	3449862	3468602	0.90	cps
Calcium	44-1	55161224	55016826	54178233	54785428	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	718456	713316	710193	713988	0.58	cps
Cobalt	59-2	1073332	1069894	1062770	1068665	0.50	cps
Copper	63-2	7350279	7426928	7314787	7363998	0.78	cps
Dysprosium	156-1	680	720	657	686	4.67	cps
Dysprosium	156-2	463	470	383	439	10.99	cps
Erbium	164-1	160	183	187	177	8.23	cps
Erbium	164-2	53	103	70	76	33.70	cps
Gadolinium	160-1	750	653	720	708	6.99	cps
Gadolinium	160-2	570	583	553	569	2.64	cps
Holmium	165-1	7605088	7466824	7386989	7486301	1.47	cps
Holmium	165-2	4519437	4502318	4427744	4483166	1.09	cps
Indium	115-1	5632179	5533139	5443952	5536423	1.70	cps
Indium	115-2	1489964	1481305	1484478	1485249	0.29	cps
Iron	56-2	165580274	165499531	163758398	164946068	0.62	cps
Iron	57-2	4110831	4103608	4077709	4097383	0.43	cps
Iron	54-2	9094940	8878794	8872343	8948692	1.42	cps
Krypton	83-1	130	163	100	131	24.17	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV3	Instrumnet Name :	P7
Client Sample ID :	CCV3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:22:35	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9493340	9609587	9463782	9522237	0.81	cps
Lead	207-1	8320588	8595719	8406848	8441052	1.67	cps
Lead	208-1	37912279	38700778	38041111	38218056	1.11	cps
Lithium	6-1	1310000	1265921	1257148	1277690	2.22	cps
Magnesium	24-2	39385263	39378719	38765350	39176444	0.91	cps
Manganese	55-2	5552467	5500866	5492679	5515337	0.59	cps
Molybdenum	94-1	8628083	8610910	8496740	8578578	0.83	cps
Molybdenum	95-1	12516207	12487099	12417539	12473615	0.41	cps
Molybdenum	96-1	13588446	13546546	13499329	13544774	0.33	cps
Molybdenum	97-1	7890463	7811620	7725654	7809245	1.06	cps
Molybdenum	98-1	20321496	20315694	20025173	20220788	0.84	cps
Neodymium	150-1	603	663	607	624	5.40	cps
Neodymium	150-2	123	150	133	136	9.94	cps
Nickel	60-2	262126	261717	260373	261405	0.35	cps
Phosphorus	31-2	44026	43709	44434	44057	0.83	cps
Potassium	39-2	22910291	22855549	22618975	22794938	0.68	cps
Rhodium	103-1	4706832	4642056	4490994	4613294	2.40	cps
Rhodium	103-2	2322923	2273717	2271639	2289426	1.27	cps
Scandium	45-1	3081931	3089456	2968095	3046494	2.23	cps
Scandium	45-2	210480	210744	209159	210128	0.40	cps
Selenium	82-1	35729	35086	35395	35403	0.91	cps
Selenium	77-2	2574	2774	2760	2703	4.14	cps
Selenium	78-2	8853	8903	8919	8892	0.39	cps
Silicon	28-1	10933813	10892110	10715808	10847244	1.07	cps
Silver	107-1	2845373	2751405	2789563	2795447	1.69	cps
Silver	109-1	2684109	2644266	2653857	2660744	0.78	cps
Sodium	23-2	64627909	64477682	64078209	64394600	0.44	cps
Strontium	86-1	20740711	20817842	20528473	20695675	0.72	cps
Strontium	88-1	183054644	183921184	182362117	183112648	0.43	cps
Sulfur	34-1	367526	364489	360457	364158	0.97	cps
Terbium	159-1	7916421	7718999	7739898	7791773	1.39	cps
Terbium	159-2	4476812	4444891	4364826	4428843	1.30	cps
Thallium	203-1	2368339	2368924	2327804	2355022	1.00	cps
Thallium	205-1	5503223	5511395	5512778	5509132	0.09	cps
Tin	118-1	2111137	2121780	2047565	2093494	1.92	cps
Titanium	47-1	2911382	2874730	2813071	2866394	1.73	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCV3	Instrumnet Name :	P7
Client Sample ID :	CCV3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:22:35	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7787770	7711002	7723338	7740703	0.53	cps
Vanadium	51-2	642434	637257	635100	638264	0.59	cps
Yttrium	89-1	9644932	9236615	9219400	9366982	2.57	cps
Yttrium	89-2	1926498	1885408	1871525	1894477	1.51	cps
Zinc	66-2	1142508	1151616	1146569	1146898	0.40	cps
Zirconium	90-1	4318278	4284802	4301371	4301483	0.39	cps
Zirconium	91-1	937048	940479	928465	935331	0.66	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB3	Instrumnet Name :	P7
Client Sample ID :	CCB3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:25:26	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297	293	293	294	0.65	cps
Antimony	121-1	1500	1567	1757	1608	8.28	cps
Arsenic	75-2	3	20	10	11	75.52	cps
Barium	135-1	257	310	253	273	11.63	cps
Barium	137-1	610	480	357	482	26.27	cps
Beryllium	9-1	427	363	290	360	19.00	cps
Bismuth	209-1	4462155	4161089	4337949	4320398	3.50	cps
Bismuth	209-2	3194829	3193456	3134058	3174114	1.09	cps
Bromine	81-1	25505	24788	24727	25007	1.73	cps
Bromine	81-2	53	63	47	54	15.40	cps
Cadmium	108-1	17	13	23	18	28.64	cps
Cadmium	106-1	4204	3904	3961	4023	3.96	cps
Cadmium	111-1	3014	2817	2823	2885	3.90	cps
Calcium	43-1	673	653	590	639	6.81	cps
Calcium	44-1	12796	12122	11224	12047	6.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	783	690	783	752	7.16	cps
Cobalt	59-2	127	110	137	124	10.83	cps
Copper	63-2	1383	1357	1407	1382	1.81	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	40	53	40	44	17.32	cps
Erbium	164-2	13	27	43	28	54.11	cps
Gadolinium	160-1	33	33	27	31	12.36	cps
Gadolinium	160-2	147	120	150	139	11.84	cps
Holmium	165-1	7630842	7262812	7530933	7474863	2.55	cps
Holmium	165-2	4655509	4664087	4588864	4636153	0.89	cps
Indium	115-1	5869173	5590266	5844875	5768105	2.68	cps
Indium	115-2	1707503	1689222	1676769	1691164	0.91	cps
Iron	56-2	17450	16726	16352	16843	3.31	cps
Iron	57-2	757	660	740	719	7.19	cps
Iron	54-2	1630	1500	1453	1528	5.99	cps
Krypton	83-1	67	113	123	101	29.91	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB3	Instrumnet Name :	P7
Client Sample ID :	CCB3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:25:26	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1177	1090	933	1067	11.56	cps
Lead	207-1	943	990	923	952	3.59	cps
Lead	208-1	4534	4270	3927	4244	7.17	cps
Lithium	6-1	1325097	1272304	1290458	1295953	2.07	cps
Magnesium	24-2	2260	2330	2134	2241	4.45	cps
Manganese	55-2	533	513	487	511	4.58	cps
Molybdenum	94-1	1310	1177	1050	1179	11.03	cps
Molybdenum	95-1	2177	1987	1813	1992	9.12	cps
Molybdenum	96-1	1893	1710	1380	1661	15.66	cps
Molybdenum	97-1	1003	1187	843	1011	16.99	cps
Molybdenum	98-1	2554	2380	2220	2385	6.99	cps
Neodymium	150-1	7	3	0	3	100.05	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	220	237	320	259	20.70	cps
Phosphorus	31-2	227	163	193	194	16.29	cps
Potassium	39-2	46364	45665	45902	45977	0.77	cps
Rhodium	103-1	5054451	4838279	5132948	5008559	3.05	cps
Rhodium	103-2	2615258	2601643	2639803	2618901	0.74	cps
Scandium	45-1	3072850	2969819	3047288	3029986	1.77	cps
Scandium	45-2	221903	219128	220132	220388	0.64	cps
Selenium	82-1	232	173	196	201	14.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	97	137	126	20.10	cps
Silicon	28-1	208075	202322	201306	203901	1.79	cps
Silver	107-1	720	517	527	588	19.50	cps
Silver	109-1	623	470	427	507	20.39	cps
Sodium	23-2	21972	21812	20881	21555	2.73	cps
Strontium	86-1	1867	1673	1520	1687	10.30	cps
Strontium	88-1	15962	14921	11411	14098	16.91	cps
Sulfur	34-1	161028	157913	160574	159838	1.05	cps
Terbium	159-1	7834909	7467012	7787948	7696623	2.60	cps
Terbium	159-2	4492097	4557028	4513540	4520888	0.73	cps
Thallium	203-1	463	370	337	390	16.84	cps
Thallium	205-1	1147	1050	760	986	20.42	cps
Tin	118-1	557	603	657	606	8.26	cps
Titanium	47-1	370	333	283	329	13.23	cps

LB Number :	LB128354	Operator :	Jaswal
Lab Sample ID :	CCB3	Instrumnet Name :	P7
Client Sample ID :	CCB3	Dilution Factor :	1
Date & Time Acquired :	2023-11-16 15:25:26	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	560	637	493	563	12.73	cps
Vanadium	51-2	70	50	60	60	16.67	cps
Yttrium	89-1	9503072	8887704	9341160	9243978	3.45	cps
Yttrium	89-2	2008452	2013705	1983713	2001956	0.80	cps
Zinc	66-2	343	393	383	373	7.09	cps
Zirconium	90-1	823	810	727	787	6.66	cps
Zirconium	91-1	160	203	183	182	11.90	cps