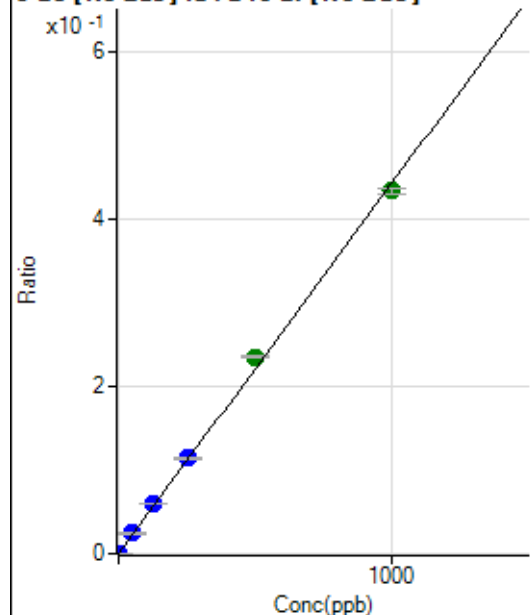


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8080922 MS.b\
 Analysis File: P8080922 MS.batch.bin
 DA Date-Time: 2022-08-19 13:13:18
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2022-08-09 13:41:37
2	007CALS.d	S02	2022-08-09 13:44:44
3	008CALS.d	S03	2022-08-09 13:47:53
4	009CALS.d	S04	2022-08-09 13:50:59
5	010CALS.d	S05	2022-08-09 13:54:08
6	011CALS.d	S06	2022-08-09 13:57:14
7	012CALS.d	S07	2022-08-09 14:00:22
8	013CALS.d	S08	2022-08-09 14:03:29

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.75	0.0000	P	18.1
2	☐	1.000	1.107	3965.89	0.0005	P	4.3
3	☐	50.000	55.179	192894.66	0.0244	P	3.3
4	☐	125.000	132.745	476018.87	0.0588	P	0.3
5	☐	250.000	258.303	922533.64	0.1143	P	1.0
6	☐	500.000	532.488	1824727.06	0.2357	A	1.3
7	☐	1000.000	980.453	3358477.57	0.4339	A	1.6
8	☐			423.71	0.0001	P	3.1

$$y = 4.4259\text{E-}004 * x + 4.3375\text{E-}006$$

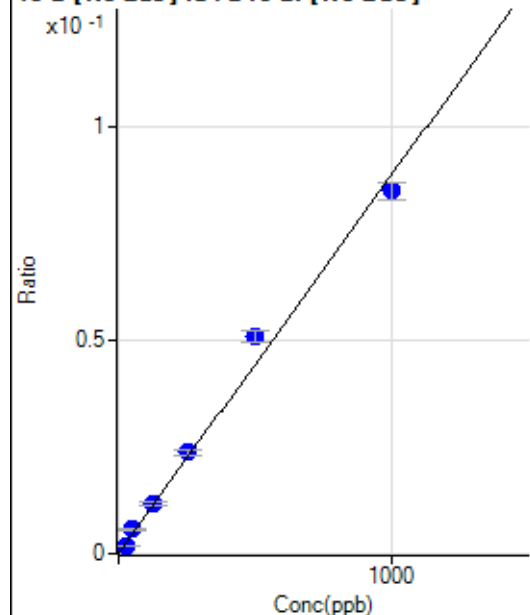
$$R = 0.9992$$

$$DL = 0.005313$$

$$BEC = 0.0098$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	956.51	0.0001	P	9.8
2	☐	25.000	17.539	13478.94	0.0017	P	8.0
3	☐	50.000	63.589	45477.11	0.0058	P	8.9
4	☐	125.000	130.609	94845.19	0.0117	P	5.1
5	☐	250.000	266.505	191752.94	0.0238	P	5.0
6	☐	500.000	572.584	394118.92	0.0509	P	5.5
7	☐	1000.000	958.388	658372.42	0.0851	P	5.1
8	☐			60688.04	0.0084	P	8.9

$$y = 8.8688\text{E-}005 * x + 1.2201\text{E-}004$$

$$R = 0.9956$$

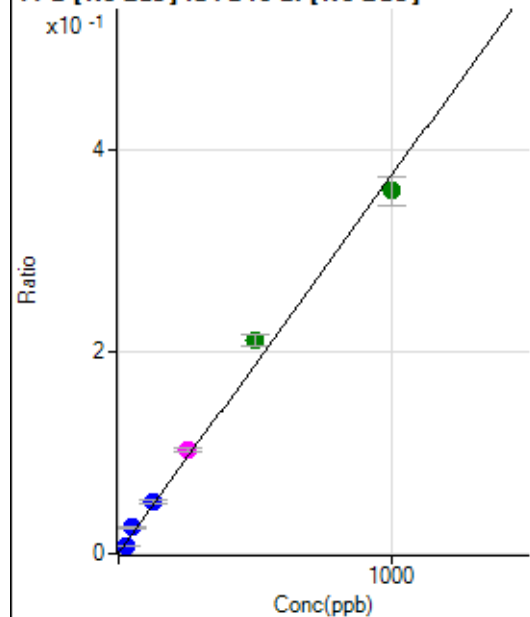
$$DL = 0.4064$$

$$BEC = 1.376$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4256.45	0.0005	P	11.8
2	☐	25.000	18.584	60047.33	0.0075	P	7.4
3	☐	50.000	67.494	203150.73	0.0257	P	7.8
4	☐	125.000	136.165	416103.26	0.0514	P	4.1
5	☐	250.000	273.674	828447.83	0.1027	M	4.2
6	☐	500.000	565.059	1636695.24	0.2114	A	5.6
7	☐	1000.000	959.442	2771576.55	0.3586	A	8.1
8	☐			276657.12	0.0383	P	8.3

$$y = 3.7316E-004 * x + 5.4481E-004$$

$$R = 0.9962$$

$$DL = 0.5157$$

$$BEC = 1.46$$

Weight: <None>

Min Conc: 0

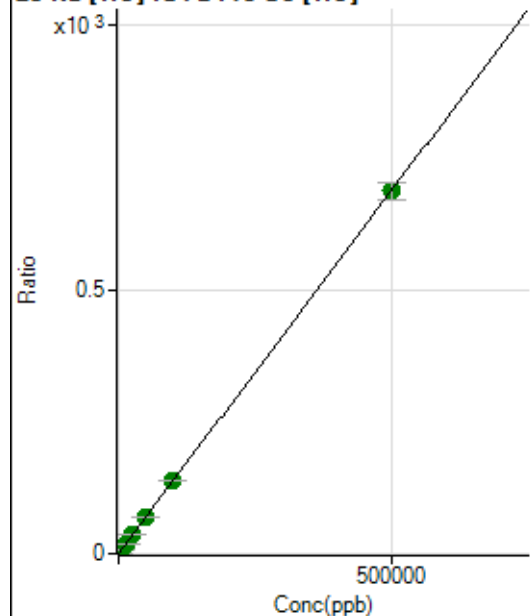
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5647111.76		A	1.5
2	☐			5608671.87		A	0.9
3	☐			6363795.98		A	1.4
4	☐			6537717.64		A	2.2
5	☐			6863107.84		A	3.0
6	☐			7903142.97		A	3.1
7	☐			9352704.03		A	4.4
8	☐			7677405.98		A	1.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63261.62		P	2.1
2	☐			63325.95		P	1.1
3	☐			75840.27		P	1.0
4	☐			76334.56		P	1.3
5	☐			81841.76		P	1.1
6	☐			97677.26		P	1.8
7	☐			114413.24		P	1.3
8	☐			93971.79		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32077.48	0.0945	P	3.7
2	☐	500.000	490.194	260053.78	0.7682	P	1.8
3	☐	5000.000	5313.604	2505972.78	7.3974	A	2.3
4	☐	12500.000	13720.970	6047008.43	18.9523	A	2.5
5	☐	25000.000	26325.291	11785527.00	36.2753	A	3.5
6	☐	50000.000	50342.606	23024518.92	69.2841	A	2.1
7	☐	100000.00	101287.93	45458452.75	139.3021	A	1.1
8	☐	500000.00	499608.23	214922424.2	686.7433	A	4.4

$$y = 0.0014 * x + 0.0945$$

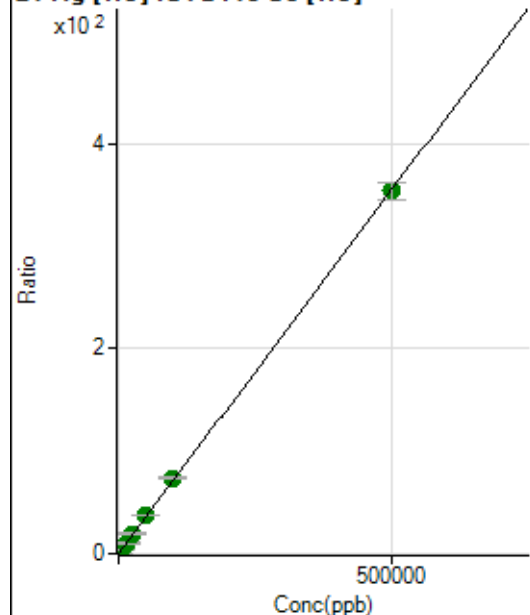
$$R = 1.0000$$

$$DL = 7.571$$

$$BEC = 68.76$$

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	372.24	0.0011	P	11.2
2	☐	500.000	521.169	125602.41	0.3711	P	3.2
3	☐	5000.000	5599.010	1346840.83	3.9758	A	2.3
4	☐	12500.000	14473.881	3278544.89	10.2759	A	2.8
5	☐	25000.000	27427.342	6326045.02	19.4714	A	3.6
6	☐	50000.000	52312.962	12342540.90	37.1373	A	1.0
7	☐	100000.00	103745.65	24031111.30	73.6487	A	2.5
8	☐	500000.00	498842.84	110825348.3	354.1228	A	4.5

$$y = 7.0989\text{E-}004 * x + 0.0011$$

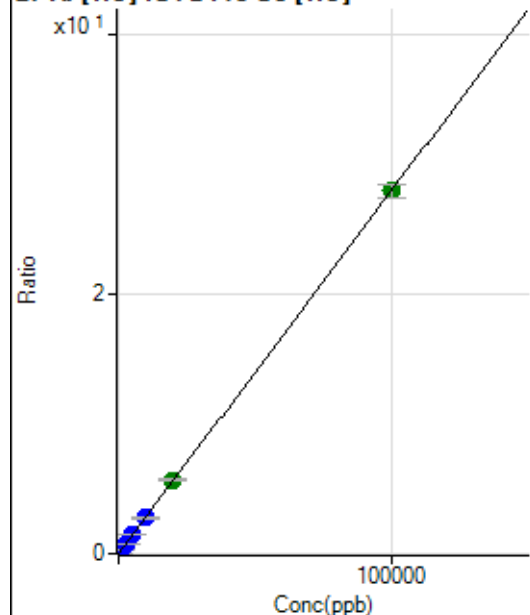
$$R = 1.0000$$

$$DL = 0.5177$$

$$BEC = 1.547$$

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	327.05	0.0010	P	10.1
2	☐	20.000	19.698	2186.98	0.0065	P	5.9
3	☐	1000.000	1022.912	97046.11	0.2865	P	1.2
4	☐	2500.000	2650.729	236467.48	0.7409	P	1.7
5	☐	5000.000	5111.002	463879.73	1.4277	P	2.4
6	☐	10000.000	9911.740	919779.86	2.7679	P	2.7
7	☐	20000.000	20277.628	1847721.62	5.6615	A	1.2
8	☐	100000.00	99943.753	8732530.74	27.9005	A	3.7

$$y = 2.7915\text{E-}004 * x + 9.6361\text{E-}004$$

$$R = 1.0000$$

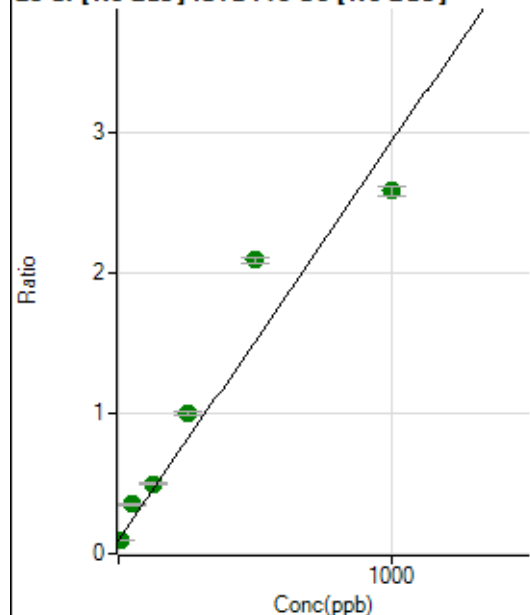
$$DL = 1.05$$

$$BEC = 3.452$$

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	861554.01	0.0948	M	8.0
2	☐	10.000	0.473	931939.49	0.0961	A	2.2
3	☐	50.000	90.560	3455760.88	0.3520	A	2.3
4	☐	125.000	141.179	4790670.24	0.4957	A	1.9
5	☐	250.000	318.974	9701329.12	1.0007	A	1.4
6	☐	500.000	703.005	19978734.30	2.0914	A	2.3
7	☐	1000.000	877.299	24171412.34	2.5865	A	2.7
8	☐			2209224.27	0.2423	A	2.7

$$y = 0.0028 * x + 0.0948$$

$$R = 0.9632$$

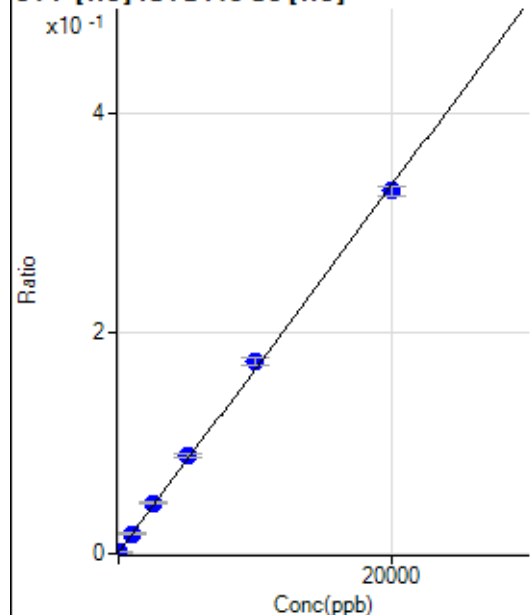
$$DL = 8.055$$

$$BEC = 33.36$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-11.167	283.34	0.0008	P	30.7
2	☐	0.000	11.167	408.35	0.0012	P	19.9
3	☐	1000.000	1022.369	6109.79	0.0180	P	4.4
4	☐	2500.000	2700.320	14693.91	0.0460	P	3.0
5	☐	5000.000	5274.738	28873.93	0.0889	P	2.6
6	☐	10000.000	10387.730	57821.50	0.1740	P	3.9
7	☐	20000.000	19711.292	107444.98	0.3293	P	2.7
8	☐			347.24	0.0011	P	21.4

$$y = 1.6653E-005 * x + 0.0010$$

$$R = 0.9996$$

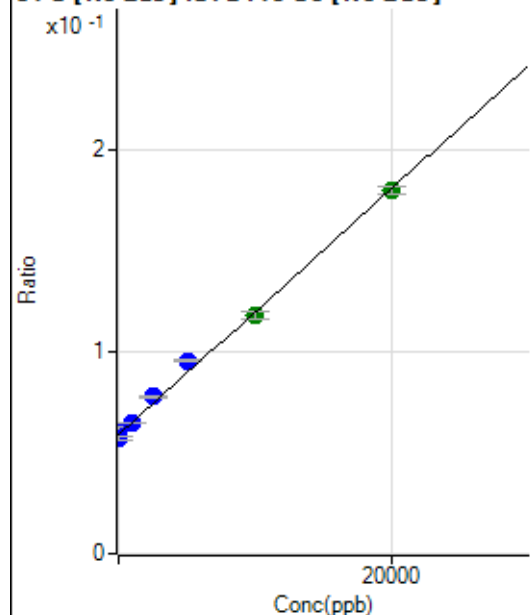
$$DL = 44.73$$

$$BEC = 61.29$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	278.696	550810.23	0.0606	P	8.2
2	☐	0.000	-278.696	554629.08	0.0572	P	2.3
3	☐	1000.000	984.652	637149.17	0.0649	P	0.9
4	☐	2500.000	3080.496	750417.06	0.0777	P	0.6
5	☐	5000.000	6033.382	927001.53	0.0956	P	1.9
6	☐	10000.000	9712.876	1127510.67	0.1180	A	2.6
7	☐	20000.000	19813.422	1678058.58	0.1795	A	2.1
8	☐			451618.14	0.0495	P	2.4

$$y = 6.0892E-006 * x + 0.0589$$

$$R = 0.9978$$

$$DL = 1551$$

$$BEC = 9672$$

Weight: <None>

Min Conc: 0

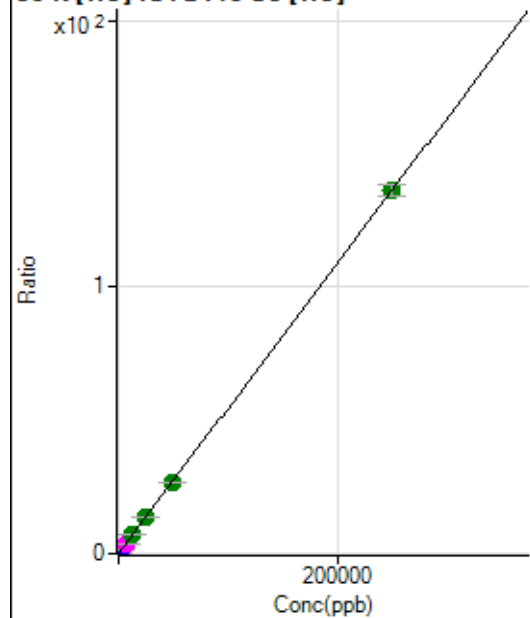
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			443364.99		P	0.7
2	☐			427883.60		P	1.1
3	☐			463598.77		P	1.2
4	☐			444434.52		P	0.9
5	☐			432038.12		P	0.6
6	☐			410360.05		P	0.7
7	☐			414896.05		P	1.4
8	☐			387982.04		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3350.46		P	3.3
2	☐			3128.18		P	3.2
3	☐			3578.34		P	1.6
4	☐			3256.02		P	0.4
5	☐			3294.91		P	3.6
6	☐			3303.24		P	9.2
7	☐			3194.88		P	1.9
8	☐			2911.48		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27267.95	0.0803	P	4.2
2	☐	500.000	476.071	114802.71	0.3391	P	0.3
3	☐	2500.000	2502.914	488002.96	1.4407	P	1.3
4	☐	6250.000	6507.834	1154941.10	3.6175	M	1.5
5	☐	12500.000	13058.995	2332183.11	7.1783	A	3.4
6	☐	25000.000	24831.277	4511657.09	13.5768	A	2.8
7	☐	50000.000	48795.998	8682883.01	26.6023	A	1.0
8	☐	250000.00	250223.29	42596467.27	136.0834	A	3.3

$$y = 5.4353\text{E-}004 * x + 0.0803$$

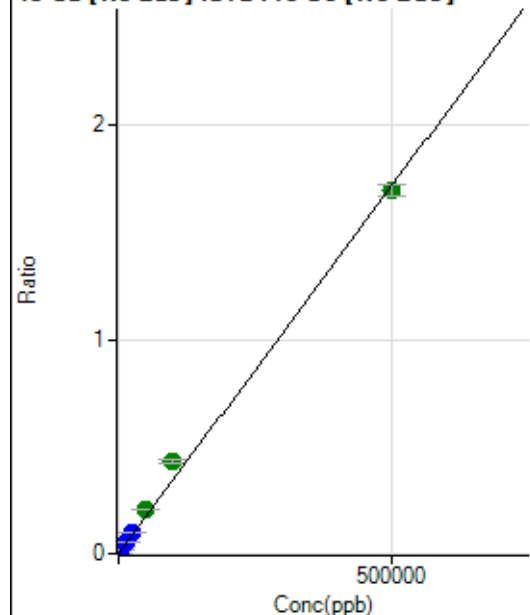
$$R = 1.0000$$

$$DL = 18.69$$

$$BEC = 147.8$$

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	612.44	0.0001	P	5.1
2	☐	500.000	495.664	17136.38	0.0018	P	2.0
3	☐	5000.000	6192.305	209180.78	0.0213	P	0.9
4	☐	12500.000	15247.967	505996.16	0.0524	P	1.6
5	☐	25000.000	29652.294	986399.83	0.1018	P	1.7
6	☐	50000.000	60951.401	1997670.28	0.2091	A	1.3
7	☐	100000.00	124983.19	4005778.19	0.4287	A	3.6
8	☐	500000.00	493594.98	15435435.91	1.6928	A	3.2

$$y = 3.4294\text{E-}006 * x + 6.7216\text{E-}005$$

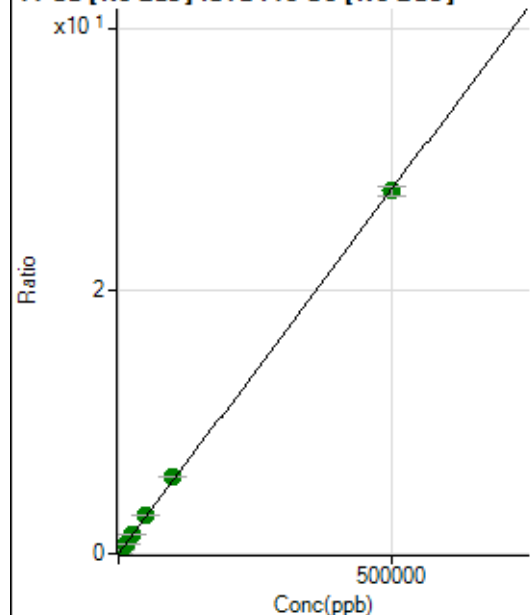
$$R = 0.9985$$

$$DL = 2.997$$

$$BEC = 19.6$$

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	21171.33	0.0023	P	7.5
2	☐	500.000	499.449	290739.18	0.0300	P	2.0
3	☐	5000.000	5591.255	3062821.25	0.3119	A	1.6
4	☐	12500.000	13706.617	7356299.49	0.7612	A	1.3
5	☐	25000.000	26185.850	14078079.41	1.4522	A	2.7
6	☐	50000.000	53112.695	28115358.02	2.9431	A	2.0
7	☐	100000.00	106356.65	55071078.59	5.8911	A	0.3
8	☐	500000.00	498322.03	251543247.9	27.5934	A	2.9

$$y = 5.5368\text{E-}005 * x + 0.0023$$

$$R = 0.9999$$

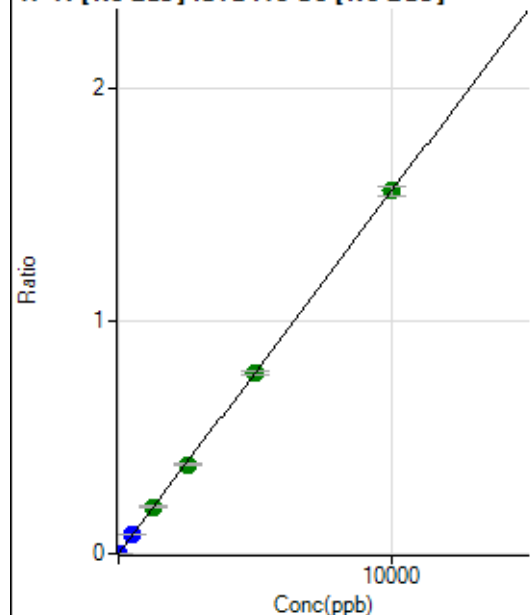
$$DL = 9.463$$

$$BEC = 42.04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.91	0.0000	P	6.3
2	☐	5.000	5.076	8071.94	0.0008	P	3.6
3	☐	500.000	528.326	807876.36	0.0823	P	0.5
4	☐	1250.000	1295.766	1949528.17	0.2017	A	2.8
5	☐	2500.000	2462.082	3714769.79	0.3832	A	2.8
6	☐	5000.000	4989.100	7417546.43	0.7766	A	3.0
7	☐	10000.000	10007.792	14557030.19	1.5577	A	2.8
8	☐			1680.70	0.0002	P	4.4

$$y = 1.5564\text{E-}004 * x + 4.2490\text{E-}005$$

$$R = 1.0000$$

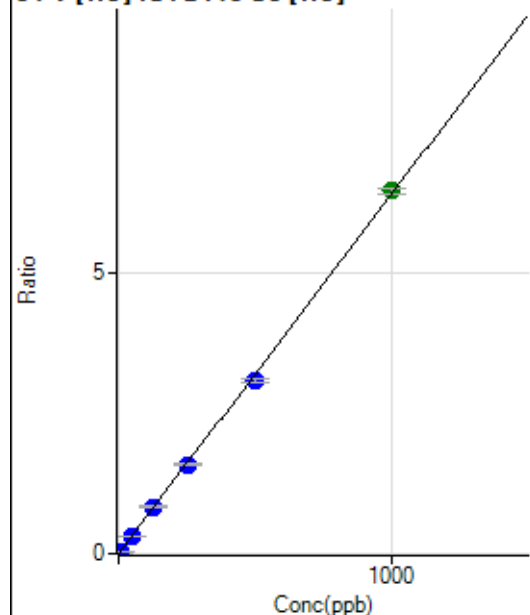
$$DL = 0.05187$$

$$BEC = 0.273$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	57.7
2	☐	5.000	4.812	10435.01	0.0308	P	3.1
3	☐	50.000	49.514	107368.88	0.3170	P	2.0
4	☐	125.000	129.954	265468.86	0.8319	P	2.1
5	☐	250.000	248.447	516769.85	1.5905	P	1.8
6	☐	500.000	481.126	1023478.22	3.0799	P	2.8
7	☐	1000.000	1009.231	2108656.01	6.4606	A	1.6
8	☐			417.79	0.0013	P	9.7

$$y = 0.0064 * x + 2.6309\text{E-}005$$

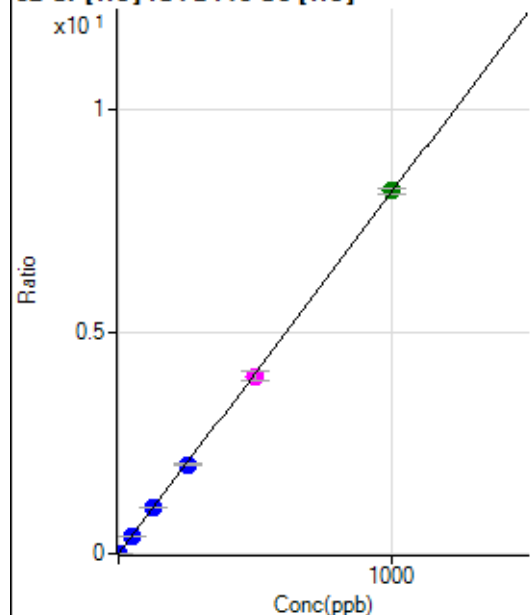
$$R = 0.9997$$

$$DL = 0.00711$$

$$BEC = 0.00411$$

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	800.03	0.0024	P	8.2
2	☐	2.000	1.815	5794.56	0.0171	P	1.3
3	☐	50.000	49.179	136298.39	0.4024	P	1.7
4	☐	125.000	127.978	332849.96	1.0433	P	3.0
5	☐	250.000	247.218	654117.95	2.0133	P	2.7
6	☐	500.000	491.972	1330386.75	4.0041	M	5.2
7	☐	1000.000	1004.379	2666644.30	8.1721	A	1.7
8	☐			5911.28	0.0189	P	4.4

$$y = 0.0081 * x + 0.0024$$

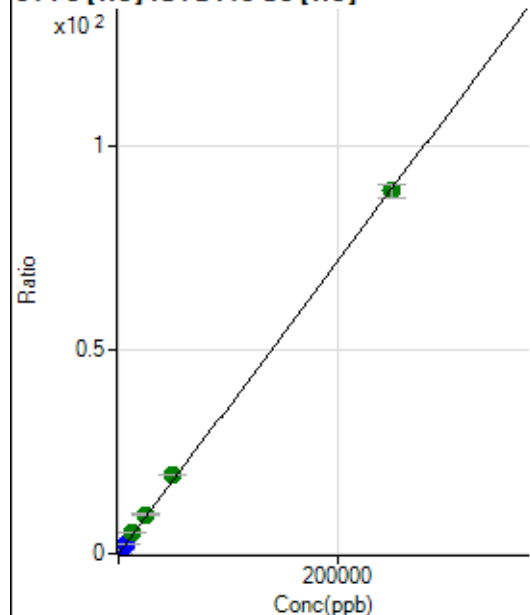
$$R = 0.9999$$

$$DL = 0.07144$$

$$BEC = 0.2895$$

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	1253.79	0.0037	P	3.1
2	☐	50.000	49.448	7227.87	0.0214	P	5.7
3	☐	2500.000	2710.986	329229.22	0.9720	P	1.5
4	☐	6250.000	6997.183	798470.81	2.5031	P	3.4
5	☐	12500.000	14453.755	1678784.21	5.1665	A	1.2
6	☐	25000.000	26955.432	3200664.39	9.6321	A	3.4
7	☐	50000.000	53818.802	6274735.27	19.2275	A	0.9
8	☐	250000.00	248922.21	27829632.80	88.9176	A	3.9

$$y = 3.5720E-004 * x + 0.0037$$

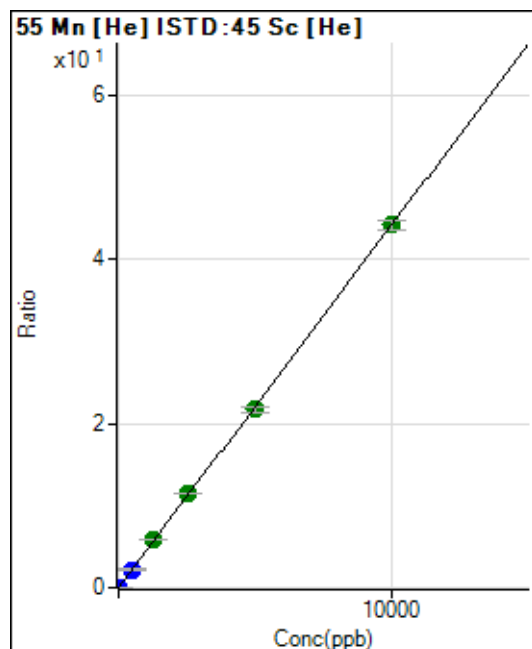
$$R = 0.9999$$

$$DL = 0.9652$$

$$BEC = 10.33$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.44	0.0002	P	22.0
2	☐	1.000	1.033	1631.22	0.0048	P	4.5
3	☐	500.000	503.199	753872.51	2.2257	P	1.4
4	☐	1250.000	1341.084	1893247.63	5.9313	A	1.4
5	☐	2500.000	2599.531	3735790.36	11.4969	A	1.4
6	☐	5000.000	4915.013	7223429.61	21.7372	A	2.7
7	☐	10000.000	10006.065	14439033.67	44.2528	A	2.4
8	☐			7128.51	0.0228	P	3.1

$$y = 0.0044 * x + 2.4924E-004$$

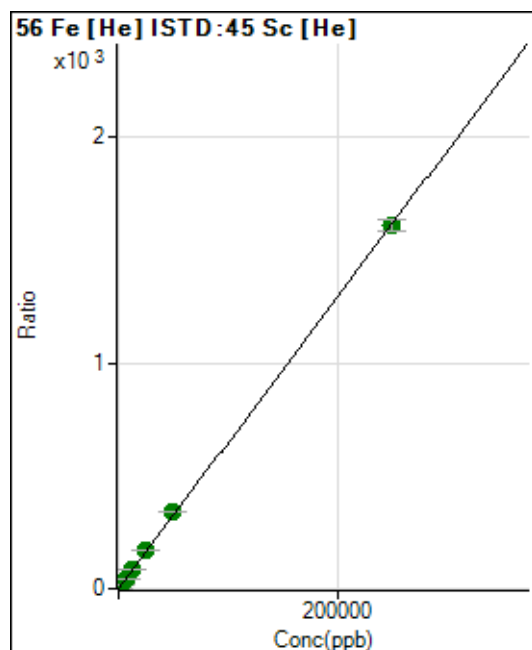
$$R = 0.9999$$

$$DL = 0.03718$$

$$BEC = 0.05636$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6786.90	0.0200	P	5.1
2	☐	50.000	50.767	117615.72	0.3474	P	1.9
3	☐	2500.000	2734.268	5980080.51	17.6566	A	1.6
4	☐	6250.000	7050.178	14518561.20	45.4951	A	2.3
5	☐	12500.000	13678.393	28674452.26	88.2484	A	1.7
6	☐	25000.000	26158.612	56077802.18	168.7483	A	2.3
7	☐	50000.000	53047.786	111674272.8	342.1888	A	0.4
8	☐	250000.00	249193.31	503129981.6	1,607.366	A	3.2

$$y = 0.0065 * x + 0.0200$$

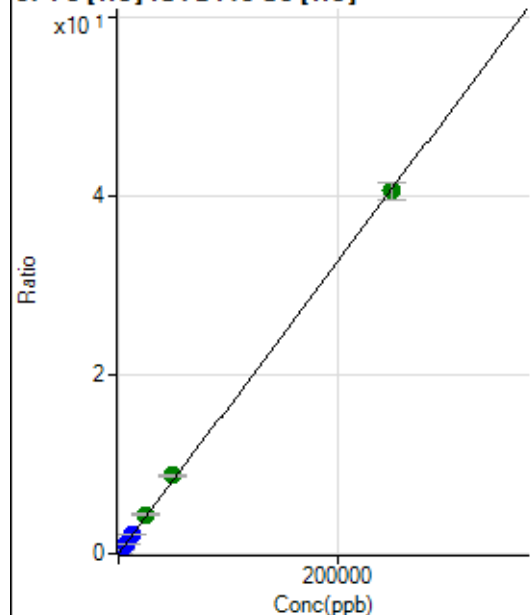
$$R = 0.9999$$

$$DL = 0.4729$$

$$BEC = 3.1$$

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	231.49	0.0007	P	15.5
2	☐	50.000	53.493	3176.34	0.0094	P	4.7
3	☐	2500.000	2647.097	146122.76	0.4313	P	0.9
4	☐	6250.000	6812.252	353873.86	1.1089	P	2.0
5	☐	12500.000	13258.114	701081.96	2.1576	P	0.9
6	☐	25000.000	26705.543	1443991.31	4.3453	A	2.7
7	☐	50000.000	53617.400	2846772.86	8.7235	A	0.9
8	☐	250000.00	249052.53	12679654.22	40.5181	A	4.5

$$y = 1.6269\text{E-}004 * x + 6.8054\text{E-}004$$

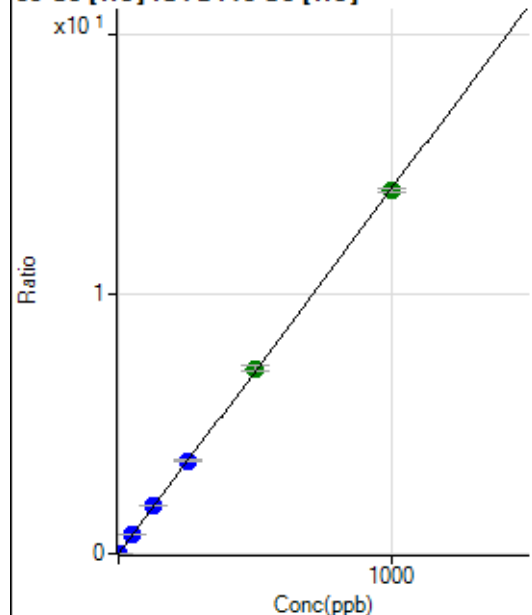
R = 0.9999

DL = 1.95

BEC = 4.183

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	61.11	0.0002	P	14.5
2	☐	1.000	0.996	4796.41	0.0142	P	1.0
3	☐	50.000	51.371	244471.94	0.7218	P	1.7
4	☐	125.000	132.381	593680.28	1.8598	P	0.9
5	☐	250.000	254.218	1160453.64	3.5714	P	1.3
6	☐	500.000	507.338	2368265.31	7.1271	A	3.5
7	☐	1000.000	994.285	4558055.24	13.9676	A	1.1
8	☐			6020.21	0.0192	P	3.7

$$y = 0.0140 * x + 1.8013\text{E-}004$$

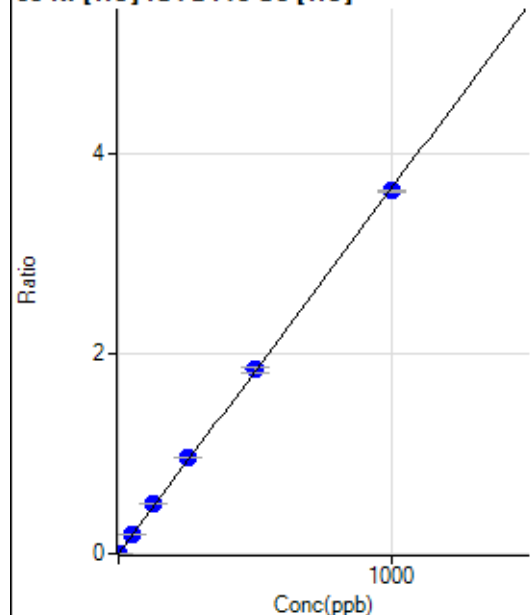
R = 0.9999

DL = 0.005573

BEC = 0.01282

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	48.89	0.0001	P	8.4
2	☐	1.000	1.082	1384.53	0.0041	P	3.3
3	☐	50.000	52.736	65197.80	0.1925	P	1.8
4	☐	125.000	137.585	160169.00	0.5020	P	2.4
5	☐	250.000	262.133	310725.96	0.9563	P	1.0
6	☐	500.000	504.441	611454.20	1.8401	P	3.1
7	☐	1000.000	993.036	1182145.16	3.6222	P	0.4
8	☐			2975.91	0.0095	P	6.4

$$y = 0.0036 * x + 1.4379E-004$$

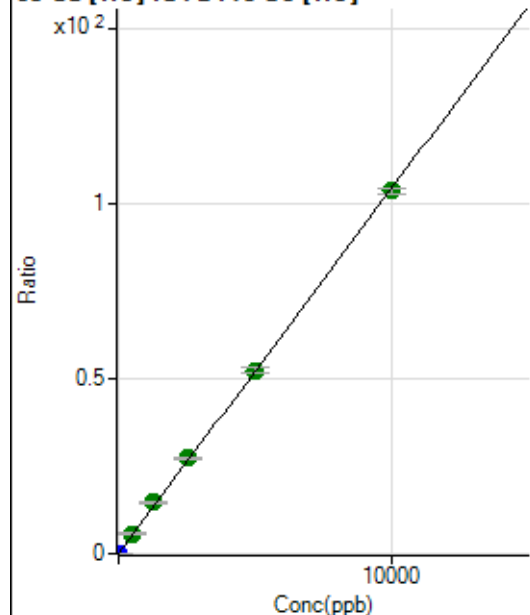
$$R = 0.9999$$

$$DL = 0.009952$$

$$BEC = 0.03942$$

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	2856.98	0.0084	P	4.0
2	☐	2.000	2.046	10071.42	0.0297	P	1.4
3	☐	500.000	544.453	1925302.86	5.6850	A	3.1
4	☐	1250.000	1401.184	4665786.94	14.6173	A	1.2
5	☐	2500.000	2617.669	8870565.28	27.3005	A	1.8
6	☐	5000.000	5027.921	17422520.57	52.4301	A	3.0
7	☐	10000.000	9935.501	33810758.94	103.5971	A	1.8
8	☐			7602.11	0.0243	P	4.2

$$y = 0.0104 * x + 0.0084$$

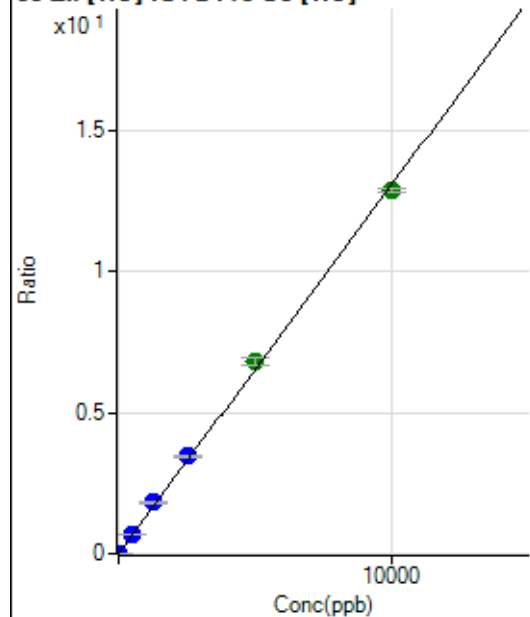
$$R = 0.9998$$

$$DL = 0.0962$$

$$BEC = 0.8074$$

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	238.89	0.0007	P	10.3
2	☐	2.000	2.287	1250.07	0.0037	P	9.9
3	☐	500.000	540.758	239740.67	0.7079	P	2.0
4	☐	1250.000	1392.219	581125.40	1.8214	P	2.6
5	☐	2500.000	2634.379	1119597.71	3.4458	P	1.9
6	☐	5000.000	5214.865	2266344.62	6.8204	A	3.5
7	☐	10000.000	9839.157	4199824.97	12.8677	A	1.0
8	☐			2904.78	0.0093	P	2.7

$$y = 0.0013 * x + 7.0373E-004$$

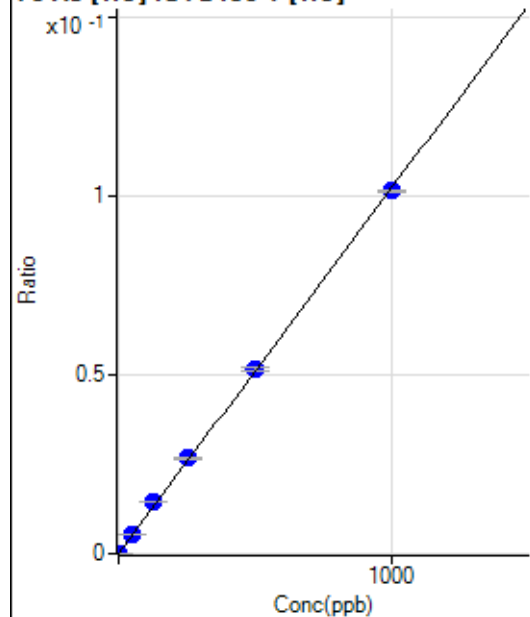
$$R = 0.9995$$

$$DL = 0.167$$

$$BEC = 0.5381$$

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	3.33	0.0000	P	35.0
2	☐	1.000	1.111	271.70	0.0001	P	12.3
3	☐	50.000	52.166	13057.33	0.0053	P	4.1
4	☐	125.000	142.389	32445.68	0.0145	P	3.1
5	☐	250.000	262.395	62166.05	0.0268	P	2.1
6	☐	500.000	503.809	122657.83	0.0514	P	1.8
7	☐	1000.000	992.715	236703.53	0.1013	P	0.6
8	☐			154.35	0.0001	P	4.2

$$y = 1.0206E-004 * x + 1.3970E-006$$

$$R = 0.9998$$

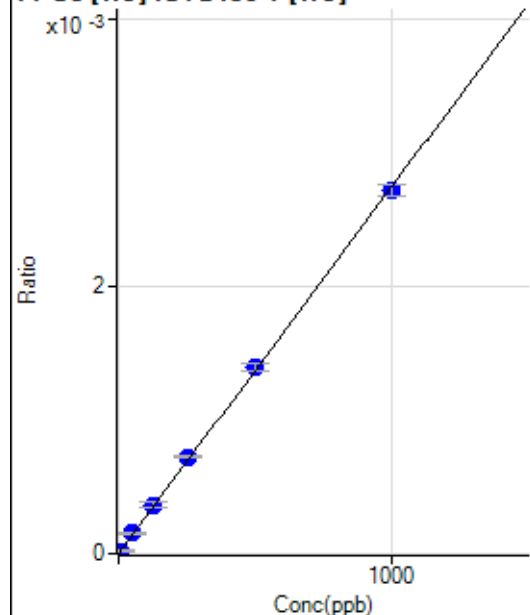
$$DL = 0.01437$$

$$BEC = 0.01369$$

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	7.169	46.67	0.0000	P	24.5
3	☐	50.000	55.834	374.45	0.0002	P	15.8
4	☐	125.000	133.732	816.70	0.0004	P	10.7
5	☐	250.000	263.477	1676.79	0.0007	P	2.4
6	☐	500.000	510.881	3340.43	0.0014	P	4.0
7	☐	1000.000	989.796	6337.05	0.0027	P	3.1
8	☐			6.66	0.0000	P	85.4

$$y = 2.7411\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

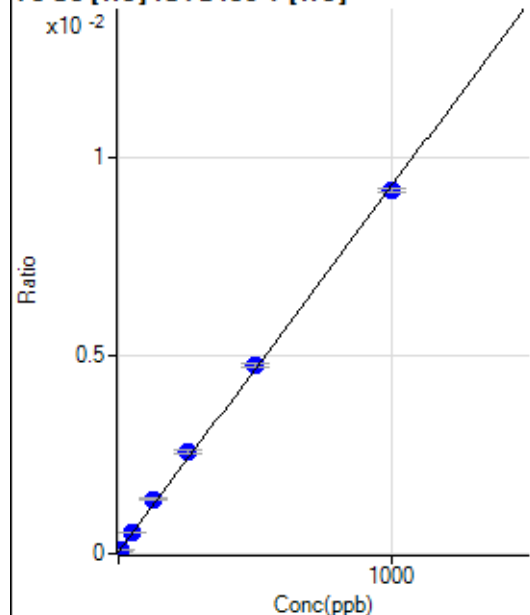
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	112.34	0.0000	P	6.8
2	☐	5.000	5.407	229.70	0.0001	P	0.6
3	☐	50.000	54.091	1339.20	0.0005	P	1.5
4	☐	125.000	144.058	3070.65	0.0014	P	3.3
5	☐	250.000	272.521	5941.86	0.0026	P	3.3
6	☐	500.000	509.761	11326.03	0.0047	P	1.5
7	☐	1000.000	986.900	21368.98	0.0091	P	1.0
8	☐			99.34	0.0000	P	6.0

$$y = 9.2206\text{E-}006 * x + 4.7106\text{E-}005$$

$$R = 0.9995$$

$$DL = 1.046$$

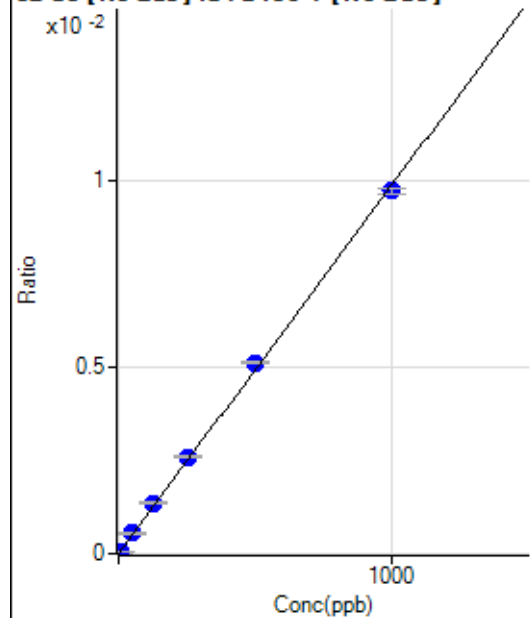
$$BEC = 5.109$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80048.79		P	1.0
2	☐			76484.17		P	4.5
3	☐			75989.34		P	2.0
4	☐			77005.39		P	1.7
5	☐			75201.94		P	3.4
6	☐			75579.68		P	2.9
7	☐			76015.87		P	3.4
8	☐			71640.48		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.08	0.0000	P	146.
2	☐	5.000	5.817	1126.21	0.0001	P	7.6
3	☐	50.000	54.864	10629.42	0.0005	P	3.7
4	☐	125.000	136.826	26026.86	0.0014	P	2.8
5	☐	250.000	262.613	49940.50	0.0026	P	2.8
6	☐	500.000	519.206	97443.82	0.0051	P	1.6
7	☐	1000.000	985.518	186802.39	0.0097	P	1.8
8	☐			241.65	0.0000	P	14.7

$$y = 9.8691E-006 * x + 1.3894E-006$$

$$R = 0.9996$$

$$DL = 0.6175$$

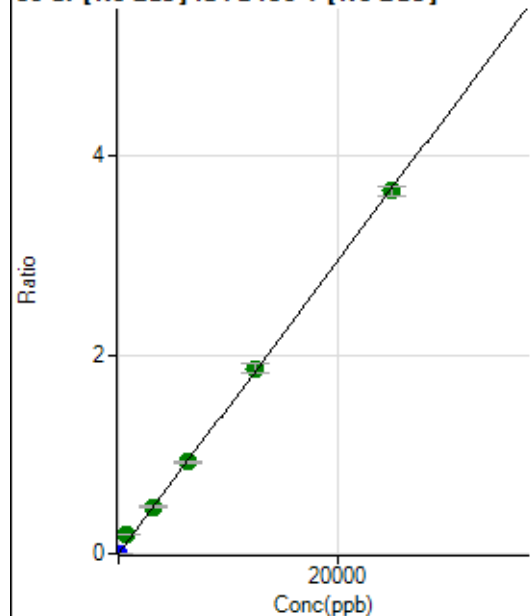
$$BEC = 0.1408$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			581.19		P	4.5
2	☐			567.44		P	3.2
3	☐			608.69		P	3.3
4	☐			565.78		P	5.1
5	☐			576.19		P	9.6
6	☐			585.77		P	6.9
7	☐			646.60		P	4.9
8	☐			606.19		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1077.86	0.0001	P	18.5
2	☐	1.000	1.092	4200.74	0.0002	P	3.7
3	☐	625.000	1301.264	3744080.47	0.1912	A	3.0
4	☐	3125.000	3178.483	8988171.12	0.4669	A	4.3
5	☐	6250.000	6307.792	17842708.04	0.9265	A	2.5
6	☐	12500.000	12711.087	35478097.32	1.8669	A	4.2
7	☐	25000.000	24856.417	70093357.82	3.6506	A	2.5
8	☐			21202.72	0.0012	P	2.0

$$y = 1.4687E-004 * x + 5.8804E-005$$

$$R = 0.9996$$

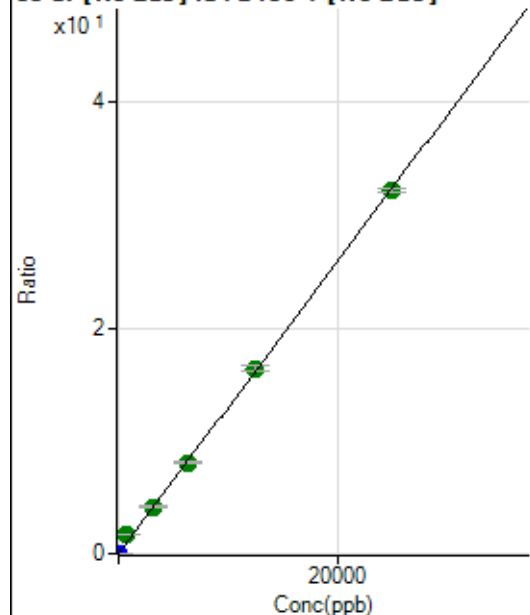
$$DL = 0.2221$$

$$BEC = 0.4004$$

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	1316.77	0.0001	P	2.2
2	☐	1.000	0.991	25907.98	0.0014	P	1.3
3	☐	625.000	1280.088	32391907.32	1.6536	A	1.9
4	☐	3125.000	3210.146	79843821.92	4.1468	A	2.9
5	☐	6250.000	6236.600	155163817.3	8.0563	A	2.1
6	☐	12500.000	12705.761	311914198.6	16.4128	A	3.7
7	☐	25000.000	24873.449	617094219.3	32.1306	A	0.9
8	☐			176222.53	0.0097	P	0.7

$$y = 0.0013 * x + 7.1295E-005$$

$$R = 0.9997$$

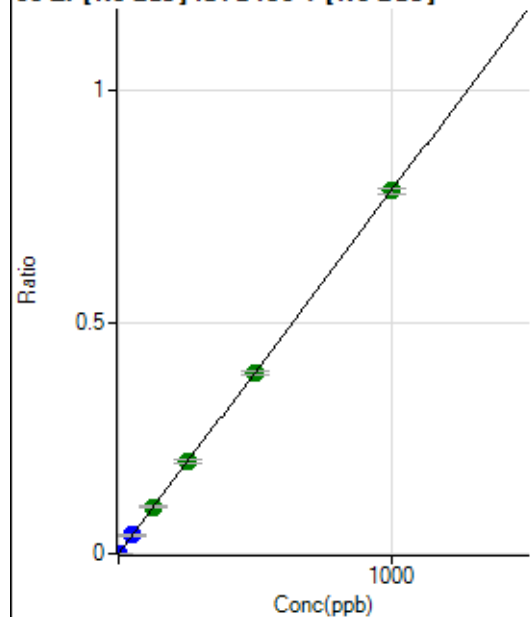
$$DL = 0.003626$$

$$BEC = 0.05519$$

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	783.38	0.0000	P	13.8
2	☐	1.000	0.968	15353.26	0.0008	P	1.3
3	☐	50.000	50.584	777787.25	0.0397	P	1.4
4	☐	125.000	128.277	1937197.54	0.1006	A	3.5
5	☐	250.000	253.350	3826168.75	0.1987	A	3.4
6	☐	500.000	499.055	7439212.40	0.3913	A	2.6
7	☐	1000.000	999.196	15045510.40	0.7835	A	1.9
8	☐			7138.11	0.0004	P	5.1

$$y = 7.8407E-004 * x + 4.2138E-005$$

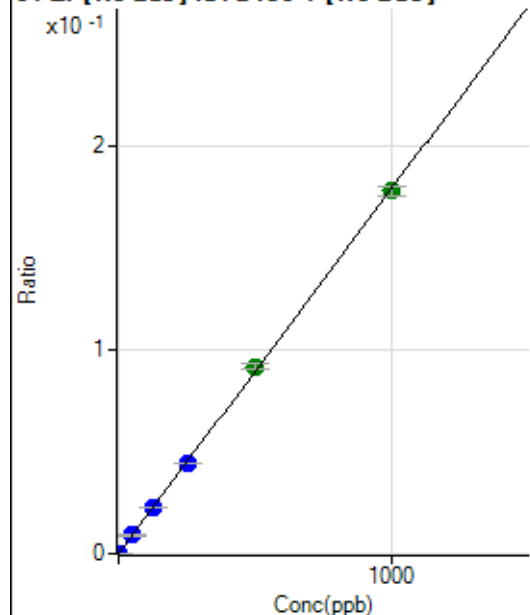
$$R = 1.0000$$

$$DL = 0.02226$$

$$BEC = 0.05374$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.56	0.0000	P	12.2
2	☐	1.000	0.937	3353.27	0.0002	P	6.7
3	☐	50.000	50.185	176217.00	0.0090	P	2.4
4	☐	125.000	125.467	432895.69	0.0225	P	2.5
5	☐	250.000	248.861	858921.69	0.0446	P	0.3
6	☐	500.000	512.036	1743465.97	0.0917	A	3.1
7	☐	1000.000	994.199	3419669.39	0.1781	A	2.4
8	☐			1519.57	0.0001	P	6.3

$$y = 1.7913E-004 * x + 7.0882E-006$$

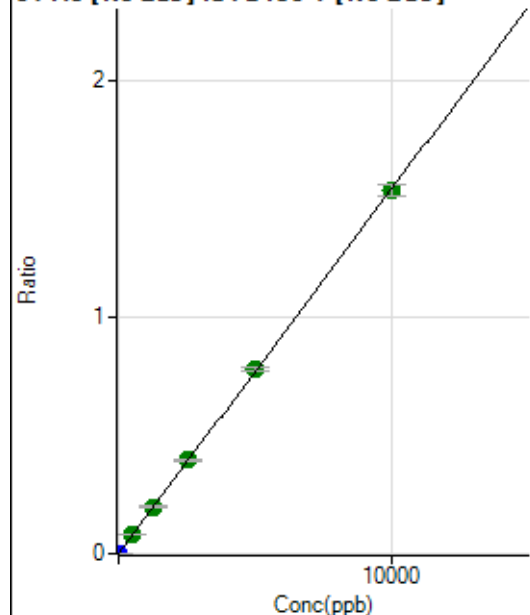
$$R = 0.9999$$

$$DL = 0.01446$$

$$BEC = 0.03957$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	222.23	0.0000	P	15.5
2	☐	5.000	5.742	17213.90	0.0009	P	2.6
3	☐	500.000	518.395	1566717.44	0.0800	A	2.6
4	☐	1250.000	1277.492	3794830.86	0.1971	A	4.0
5	☐	2500.000	2566.123	7625701.56	0.3959	A	2.2
6	☐	5000.000	5056.765	14833613.87	0.7802	A	1.8
7	☐	10000.000	9950.730	29474815.94	1.5352	A	3.1
8	☐			8547.35	0.0005	P	4.6

$$y = 1.5428E-004 * x + 1.2100E-005$$

$$R = 1.0000$$

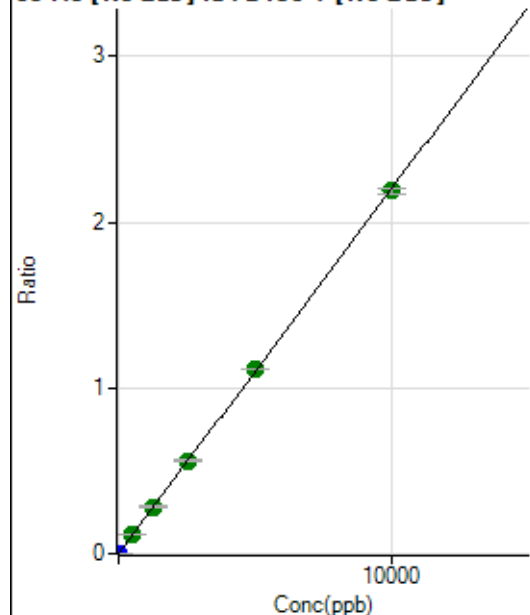
$$DL = 0.0364$$

$$BEC = 0.07843$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	90.4
2	☐	5.000	4.931	20827.23	0.0011	P	2.1
3	☐	500.000	520.504	2243899.40	0.1145	A	1.2
4	☐	1250.000	1284.031	5440454.38	0.2826	A	3.0
5	☐	2500.000	2551.554	10813818.91	0.5615	A	2.4
6	☐	5000.000	5071.482	21220630.16	1.1160	A	0.6
7	☐	10000.000	9946.092	42032684.62	2.1887	A	1.3
8	☐			8678.01	0.0005	P	7.6

$$y = 2.2005\text{E-}004 * x + 1.3878\text{E-}006$$

$$R = 0.9999$$

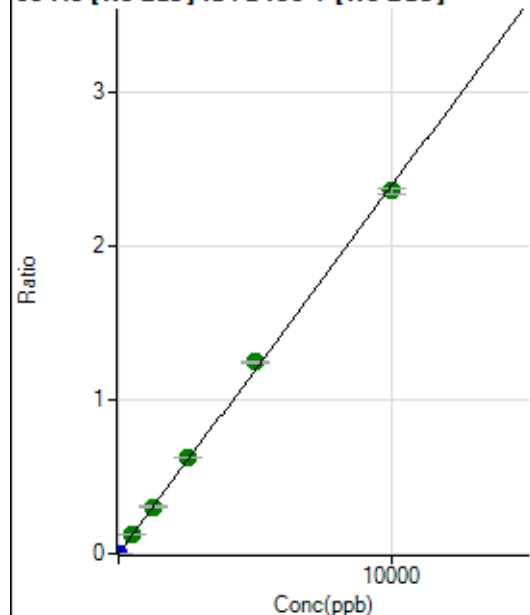
$$DL = 0.01711$$

$$BEC = 0.006307$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	308.35	0.0000	P	7.4
2	☐	5.000	5.073	23606.79	0.0012	P	4.1
3	☐	500.000	525.152	2464068.65	0.1258	A	2.4
4	☐	1250.000	1269.723	5857410.55	0.3042	A	3.8
5	☐	2500.000	2614.697	12064298.19	0.6263	A	2.0
6	☐	5000.000	5203.607	23698928.31	1.2465	A	1.3
7	☐	10000.000	9865.799	45390543.38	2.3632	A	1.6
8	☐			29034.07	0.0016	P	4.2

$$y = 2.3953\text{E-}004 * x + 1.6688\text{E-}005$$

$$R = 0.9996$$

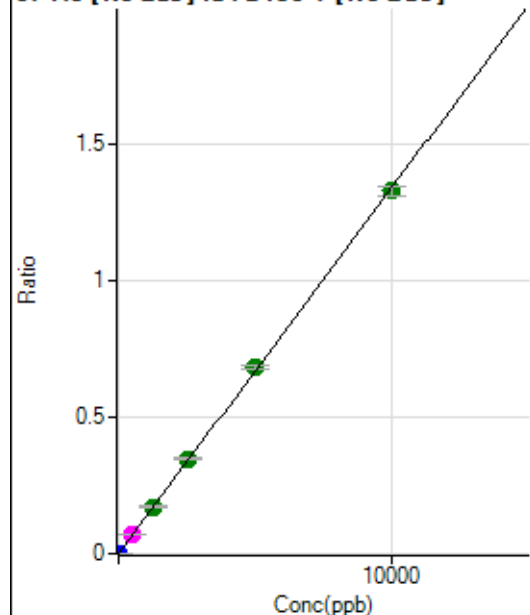
$$DL = 0.01551$$

$$BEC = 0.06967$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	113.
2	☐	5.000	5.088	13050.94	0.0007	P	4.5
3	☐	500.000	529.303	1386256.65	0.0708	M	3.0
4	☐	1250.000	1281.680	3299685.84	0.1714	A	3.5
5	☐	2500.000	2592.199	6676343.34	0.3466	A	1.8
6	☐	5000.000	5096.688	12954543.69	0.6815	A	2.7
7	☐	10000.000	9923.181	25477689.80	1.3269	A	2.7
8	☐			5740.25	0.0003	P	13.7

$$y = 1.3372\text{E-}004 * x + 5.7628\text{E-}007$$

$$R = 0.9999$$

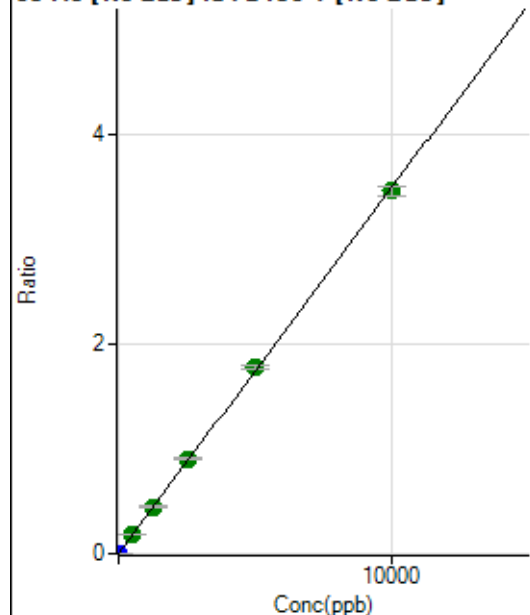
$$DL = 0.01473$$

$$BEC = 0.00431$$

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	80.56	0.0000	P	45.1
2	☐	5.000	4.866	32566.50	0.0017	P	1.1
3	☐	500.000	521.072	3554626.08	0.1814	A	1.4
4	☐	1250.000	1281.684	8594206.44	0.4463	A	1.9
5	☐	2500.000	2599.973	17435843.10	0.9053	A	2.2
6	☐	5000.000	5100.493	33765517.08	1.7760	A	1.3
7	☐	10000.000	9919.746	66320550.79	3.4540	A	2.4
8	☐			13301.18	0.0007	P	7.0

$$y = 3.4819\text{E-}004 * x + 4.3666\text{E-}006$$

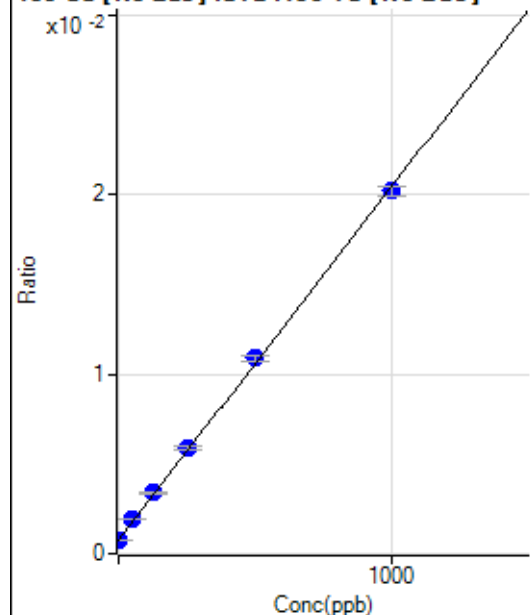
$$R = 0.9999$$

$$DL = 0.01696$$

$$BEC = 0.01254$$

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	8411.14	0.0008	P	2.2
2	☐	1.000	0.760	9033.75	0.0008	P	1.8
3	☐	50.000	59.463	22477.35	0.0019	P	3.8
4	☐	125.000	134.443	40686.23	0.0034	P	3.8
5	☐	250.000	259.283	71025.80	0.0058	P	3.3
6	☐	500.000	515.197	130312.94	0.0109	P	3.0
7	☐	1000.000	988.427	244035.59	0.0202	P	2.9
8	☐			8416.69	0.0007	P	2.0

$$y = 1.9653\text{E-}005 * x + 7.5423\text{E-}004$$

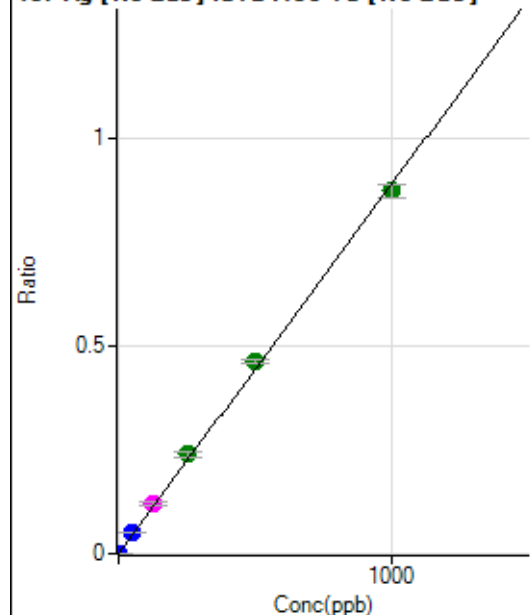
$$R = 0.9997$$

$$DL = 2.519$$

$$BEC = 38.38$$

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	166.67	0.0000	P	30.4
2	☐	1.000	1.095	11619.16	0.0010	P	2.4
3	☐	50.000	57.278	596073.56	0.0510	P	1.1
4	☐	125.000	135.744	1447178.26	0.1208	M	4.3
5	☐	250.000	268.495	2901632.86	0.2390	A	4.6
6	☐	500.000	522.018	5565076.12	0.4646	A	2.5
7	☐	1000.000	982.660	10574430.70	0.8745	A	3.6
8	☐			2361.39	0.0002	P	4.8

$$y = 8.8992\text{E-}004 * x + 1.5162\text{E-}005$$

$$R = 0.9994$$

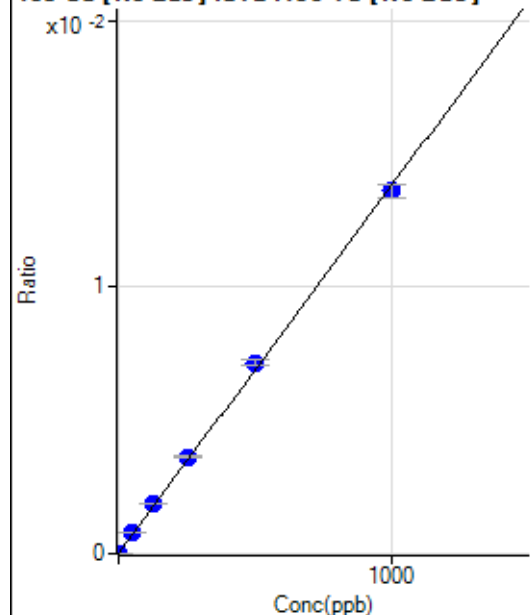
$$DL = 0.01552$$

$$BEC = 0.01704$$

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	55.56	0.0000	P	7.1
2	☐	1.000	1.241	259.73	0.0000	P	8.6
3	☐	50.000	57.299	9297.69	0.0008	P	1.0
4	☐	125.000	135.047	22375.26	0.0019	P	2.0
5	☐	250.000	263.351	44166.71	0.0036	P	3.3
6	☐	500.000	518.567	85744.57	0.0072	P	2.6
7	☐	1000.000	985.758	164465.91	0.0136	P	3.5
8	☐			205.56	0.0000	P	20.6

$$y = 1.3793\text{E-}005 * x + 4.9935\text{E-}006$$

$$R = 0.9996$$

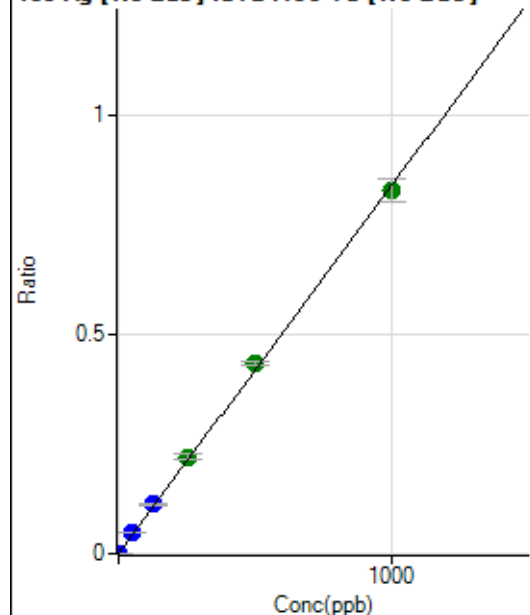
$$DL = 0.07739$$

$$BEC = 0.362$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0000	P	15.0
2	☐	1.000	1.071	10693.34	0.0009	P	1.9
3	☐	50.000	56.842	558129.75	0.0477	P	0.8
4	☐	125.000	133.970	1347855.57	0.1125	P	1.6
5	☐	250.000	263.761	2688328.97	0.2215	A	4.6
6	☐	500.000	517.518	5206607.71	0.4346	A	1.8
7	☐	1000.000	986.337	10008844.58	0.8282	A	6.3
8	☐			2041.89	0.0002	P	4.4

$$y = 8.3969\text{E-}004 * x + 1.1288\text{E-}005$$

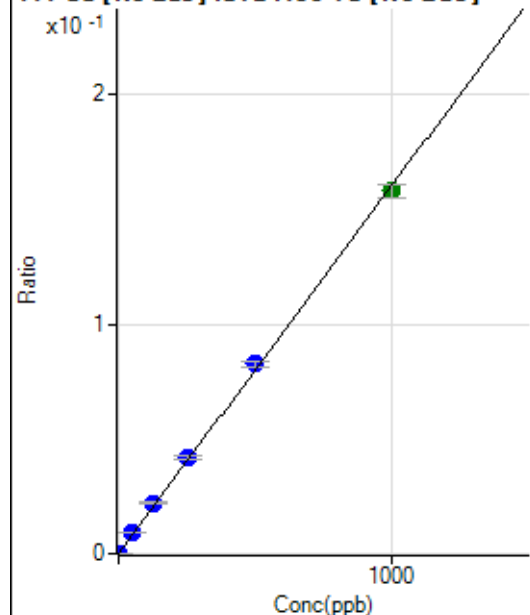
$$R = 0.9997$$

$$DL = 0.006045$$

$$BEC = 0.01344$$

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	88.27	0.0000	P	19.8
2	☐	1.000	1.092	2146.24	0.0002	P	4.4
3	☐	50.000	56.690	106149.40	0.0091	P	0.8
4	☐	125.000	138.092	264896.19	0.0221	P	1.7
5	☐	250.000	260.402	505945.79	0.0417	P	4.5
6	☐	500.000	517.486	991999.91	0.0828	P	3.0
7	☐	1000.000	986.685	1909252.85	0.1579	A	3.9
8	☐			231.94	0.0000	P	20.6

$$y = 1.6003\text{E-}004 * x + 7.9405\text{E-}006$$

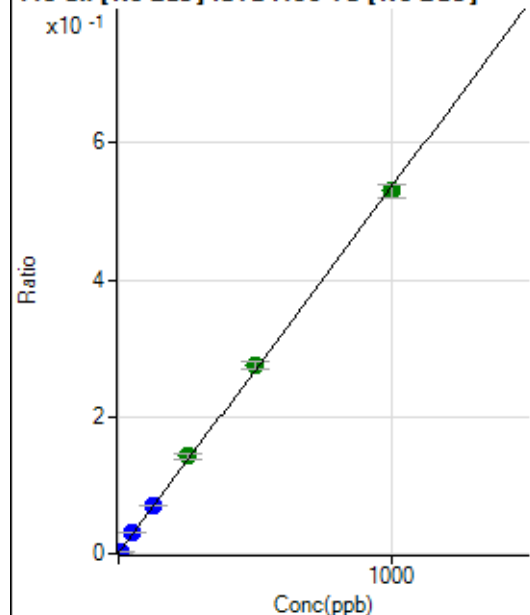
$$R = 0.9997$$

$$DL = 0.02955$$

$$BEC = 0.04962$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8113.83	0.0007	P	8.3
2	☐	5.000	5.003	39987.48	0.0034	P	3.3
3	☐	50.000	55.207	353602.03	0.0302	P	0.8
4	☐	125.000	131.606	851806.45	0.0711	P	0.3
5	☐	250.000	263.833	1720668.93	0.1418	A	5.9
6	☐	500.000	512.547	3290864.20	0.2748	A	3.3
7	☐	1000.000	989.182	6403561.38	0.5296	A	3.8
8	☐			6865.81	0.0006	P	2.6

$$y = 5.3465\text{E-}004 * x + 7.3008\text{E-}004$$

$$R = 0.9998$$

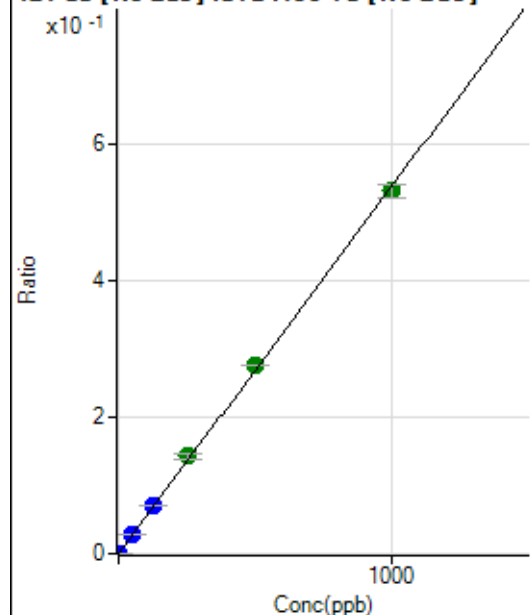
$$DL = 0.3385$$

$$BEC = 1.366$$

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	27.78	0.0000	P	40.0
2	☐	2.000	1.949	12333.66	0.0011	P	3.3
3	☐	50.000	54.538	342718.35	0.0293	P	0.3
4	☐	125.000	129.663	834974.62	0.0697	P	1.2
5	☐	250.000	265.050	1728783.37	0.1425	A	5.2
6	☐	500.000	513.685	3308915.14	0.2761	A	0.8
7	☐	1000.000	988.586	6423953.87	0.5313	A	4.1
8	☐			7174.31	0.0006	P	7.4

$$y = 5.3748\text{E-}004 * x + 2.4470\text{E-}006$$

$$R = 0.9997$$

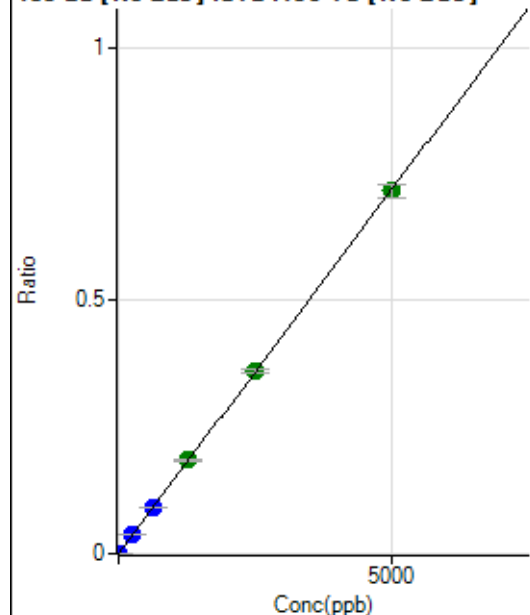
$$DL = 0.005458$$

$$BEC = 0.004553$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	73.8
2	☐	10.000	10.042	16989.01	0.0014	P	2.0
3	☐	250.000	261.618	440028.06	0.0376	P	2.3
4	☐	625.000	636.332	1096892.97	0.0916	P	0.9
5	☐	1250.000	1281.774	2238829.02	0.1844	A	4.0
6	☐	2500.000	2508.182	4323274.44	0.3609	A	2.0
7	☐	5000.000	4985.968	8675244.55	0.7173	A	3.7
8	☐			3700.60	0.0003	P	2.8

$$y = 1.4387\text{E-}004 * x + 1.8146\text{E-}006$$

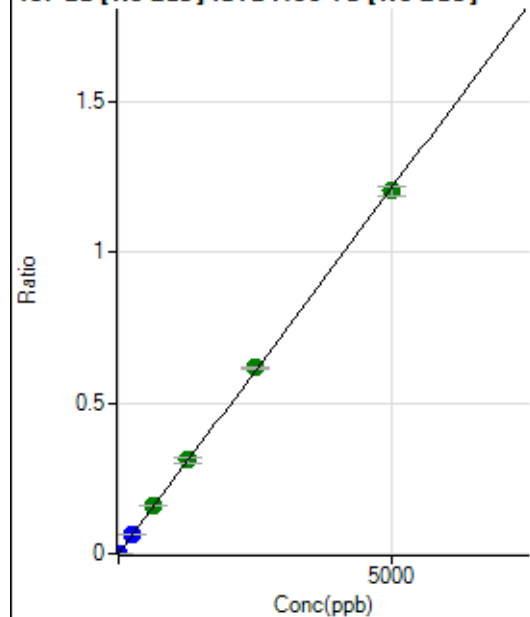
$$R = 1.0000$$

$$DL = 0.02792$$

$$BEC = 0.01261$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	27.3
2	☐	10.000	10.198	29143.51	0.0025	P	4.1
3	☐	250.000	269.517	764859.91	0.0654	P	1.4
4	☐	625.000	658.603	1915138.47	0.1599	A	3.5
5	☐	1250.000	1280.098	3770993.23	0.3107	A	5.2
6	☐	2500.000	2546.278	7410516.57	0.6181	A	1.5
7	☐	5000.000	4964.160	14574934.35	1.2050	A	2.8
8	☐			6687.94	0.0006	P	2.4

$$y = 2.4274\text{E-}004 * x + 6.2700\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02119$$

$$BEC = 0.02583$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	0.0
3	☐			51.11		P	19.9
4	☐			102.23		P	49.8
5	☐			186.67		P	27.9
6	☐			471.13		P	13.1
7	☐			835.60		P	9.1
8	☐			100.00		P	23.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.44		P	114.
3	☐			2.22		P	86.6
4	☐			4.44		P	43.4
5	☐			18.89		P	40.7
6	☐			27.78		P	6.9
7	☐			47.78		P	20.1
8	☐			30.00		P	11.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			5.55		P	86.6
3	☐			30.56		P	41.7
4	☐			61.11		P	47.9
5	☐			83.33		P	43.6
6	☐			188.90		P	5.1
7	☐			427.80		P	18.1
8	☐			833.38		P	6.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			3.33		P	100.
3	☐			5.55		P	69.3
4	☐			23.33		P	37.8
5	☐			34.44		P	55.0
6	☐			66.67		P	18.0
7	☐			131.12		P	15.5
8	☐			280.01		P	11.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	20.4
2	☐			144.45		P	17.6
3	☐			102.78		P	4.7
4	☐			144.45		P	3.3
5	☐			197.23		P	6.5
6	☐			230.57		P	25.6
7	☐			316.68		P	10.5
8	☐			591.70		P	6.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143.34		P	26.8
2	☐			162.23		P	3.1
3	☐			178.89		P	19.7
4	☐			154.45		P	7.6
5	☐			182.23		P	26.0
6	☐			157.78		P	16.9
7	☐			252.23		P	9.0
8	☐			451.12		P	8.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐			63.89		P	32.8
3	☐			52.78		P	65.7
4	☐			69.45		P	25.0
5	☐			52.78		P	81.0
6	☐			75.00		P	29.4
7	☐			102.78		P	20.4
8	☐			80.56		P	23.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	32.9
2	☐			28.89		P	24.0
3	☐			20.00		P	16.7
4	☐			27.78		P	27.7
5	☐			20.00		P	28.9
6	☐			44.44		P	18.9
7	☐			54.44		P	31.4
8	☐			52.22		P	25.8

172 Yb [No Gas] No available calibration points

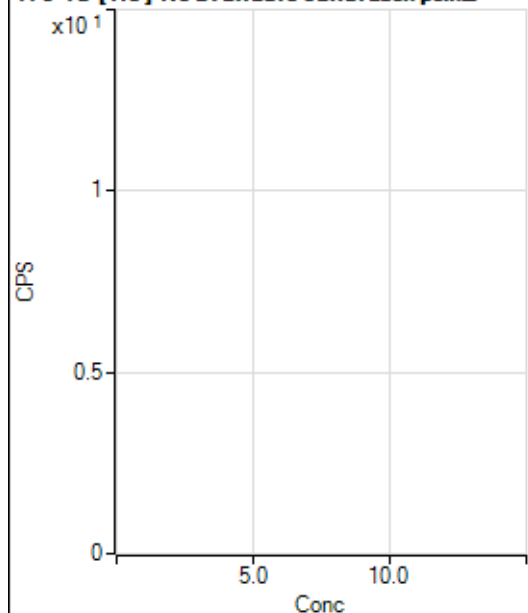
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	15.7
2	☐			80.56		P	26.0
3	☐			86.11		P	20.1
4	☐			66.67		P	33.1
5	☐			55.56		P	22.9
6	☐			119.45		P	24.5
7	☐			108.34		P	33.5
8	☐			163.90		P	10.6

172 Yb [He] No available calibration points

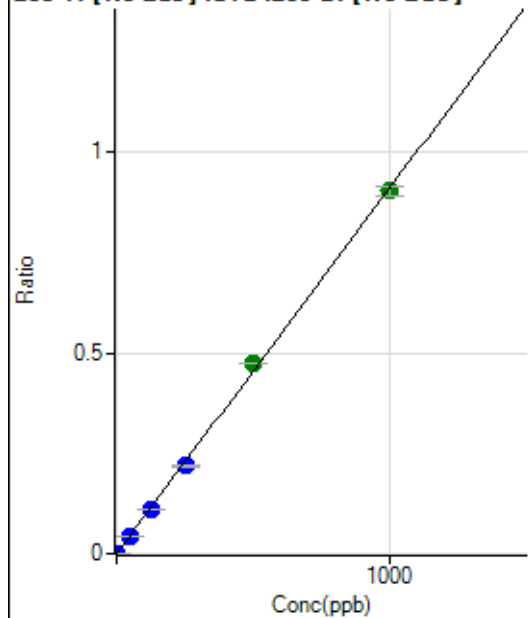
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	40.0
2	☐			37.04		P	31.2
3	☐			42.59		P	45.8
4	☐			42.59		P	49.4
5	☐			37.04		P	22.9
6	☐			72.22		P	40.0
7	☐			85.19		P	30.8
8	☐			87.04		P	42.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2636.45		P	5.4
2	☐			2986.53		P	0.9
3	☐			3367.20		P	3.7
4	☐			4259.16		P	3.6
5	☐			6143.29		P	1.0
6	☐			9125.63		P	1.0
7	☐			15679.17		P	3.3
8	☐			2447.52		P	4.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11179.00		P	2.6
2	☐			10943.59		P	1.3
3	☐			11277.23		P	2.2
4	☐			11017.78		P	1.9
5	☐			12281.86		P	3.3
6	☐			14452.59		P	1.1
7	☐			16660.79		P	1.3
8	☐			10041.04		P	4.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	419.46	0.0001	P	15.0
2	☐	1.000	0.954	5951.55	0.0009	P	0.9
3	☐	50.000	47.418	274589.70	0.0433	P	2.7
4	☐	125.000	121.250	699187.85	0.1105	P	2.1
5	☐	250.000	240.161	1363280.16	0.2189	P	1.9
6	☐	500.000	520.025	2889289.35	0.4738	A	0.5
7	☐	1000.000	993.045	5451300.34	0.9048	A	2.4
8	☐			1914.09	0.0004	P	4.5

$$y = 9.1103\text{E-}004 * x + 6.9309\text{E-}005$$

$$R = 0.9996$$

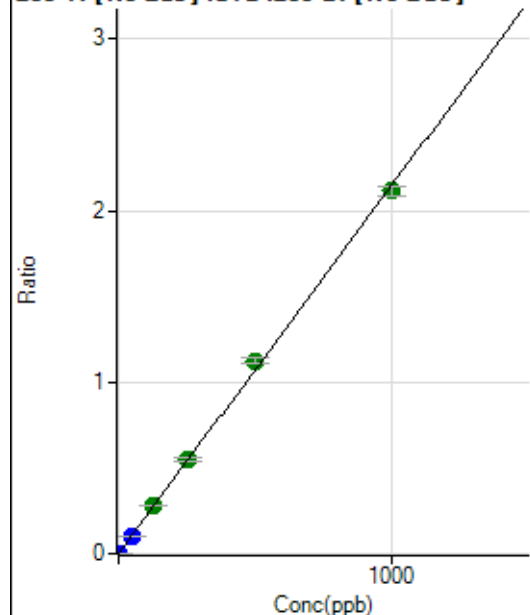
$$DL = 0.03415$$

$$BEC = 0.07608$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1100.08	0.0002	P	4.3
2	☐	1.000	0.902	13429.65	0.0021	P	4.6
3	☐	50.000	48.615	663238.68	0.1045	P	0.8
4	☐	125.000	128.453	1744522.91	0.2757	A	0.5
5	☐	250.000	257.502	3441304.81	0.5526	A	4.1
6	☐	500.000	523.819	6854566.95	1.1238	A	3.0
7	☐	1000.000	985.853	12740109.92	2.1150	A	2.4
8	☐			4756.57	0.0009	P	7.1

$$y = 0.0021 * x + 1.8258E-004$$

$$R = 0.9995$$

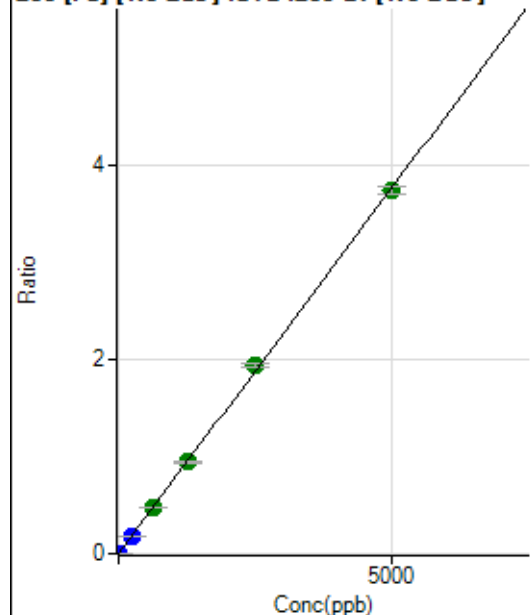
$$DL = 0.01094$$

$$BEC = 0.08511$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1022.28	0.0002	P	4.0
2	☐	1.000	0.918	5458.69	0.0009	P	3.4
3	☐	250.000	234.229	1121395.87	0.1767	P	3.4
4	☐	625.000	632.194	3015163.44	0.4767	A	2.3
5	☐	1250.000	1250.929	5873527.91	0.9430	A	2.8
6	☐	2500.000	2567.390	11803437.42	1.9352	A	2.1
7	☐	5000.000	4965.962	22547467.86	3.7431	A	2.2
8	☐			4465.68	0.0009	P	4.4

$$y = 7.5371E-004 * x + 1.6941E-004$$

$$R = 0.9999$$

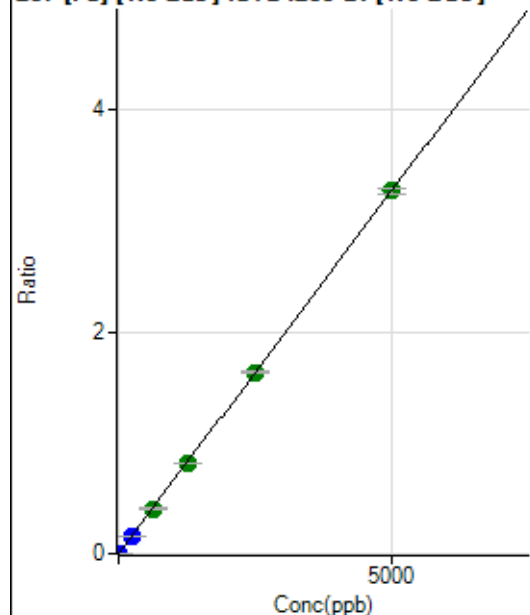
$$DL = 0.02699$$

$$BEC = 0.2248$$

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	851.90	0.0001	P	9.8
2	☐	1.000	0.891	4589.79	0.0007	P	3.6
3	☐	250.000	237.890	987311.57	0.1556	P	1.8
4	☐	625.000	621.175	2569035.65	0.4060	A	1.9
5	☐	1250.000	1237.479	5037434.32	0.8086	A	0.5
6	☐	2500.000	2504.652	9977819.67	1.6365	A	1.7
7	☐	5000.000	5001.888	19686970.81	3.2679	A	1.5
8	☐			3528.32	0.0007	P	10.7

$$y = 6.5331E-004 * x + 1.4176E-004$$

$$R = 1.0000$$

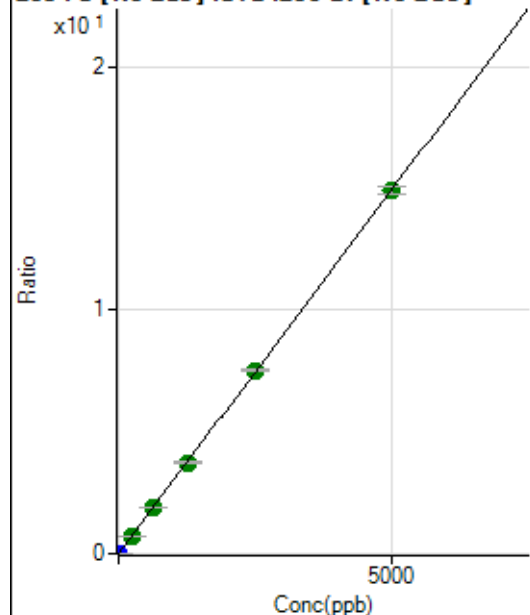
$$DL = 0.06352$$

$$BEC = 0.217$$

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	3961.42	0.0007	P	8.3
2	☐	1.000	0.911	21425.87	0.0034	P	3.9
3	☐	250.000	246.278	4671773.44	0.7361	A	2.2
4	☐	625.000	629.359	11895772.55	1.8801	A	1.1
5	☐	1250.000	1248.829	23236625.35	3.7300	A	1.2
6	☐	2500.000	2518.803	45869681.00	7.5224	A	0.9
7	☐	5000.000	4990.533	89776234.18	14.9036	A	2.3
8	☐			16774.91	0.0033	P	6.4

$$y = 0.0030 * x + 6.5925E-004$$

$$R = 1.0000$$

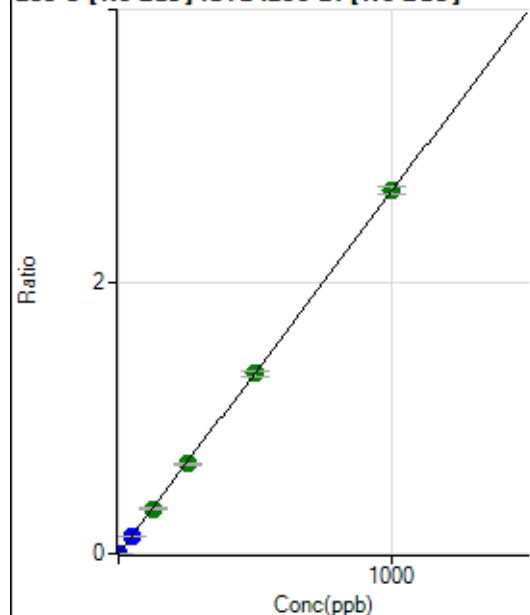
$$DL = 0.0551$$

$$BEC = 0.2208$$

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	13.89	0.0000	P	61.7
2	☐	1.000	0.909	15387.60	0.0024	P	4.4
3	☐	50.000	45.924	776998.75	0.1224	P	1.3
4	☐	125.000	122.837	2071005.95	0.3274	A	3.6
5	☐	250.000	248.897	4132313.46	0.6634	A	2.3
6	☐	500.000	497.931	8091330.74	1.3272	A	3.0
7	☐	1000.000	1001.784	16085927.27	2.6703	A	2.3
8	☐			930.62	0.0002	P	1.6

$$y = 0.0027 * x + 2.2383E-006$$

$$R = 1.0000$$

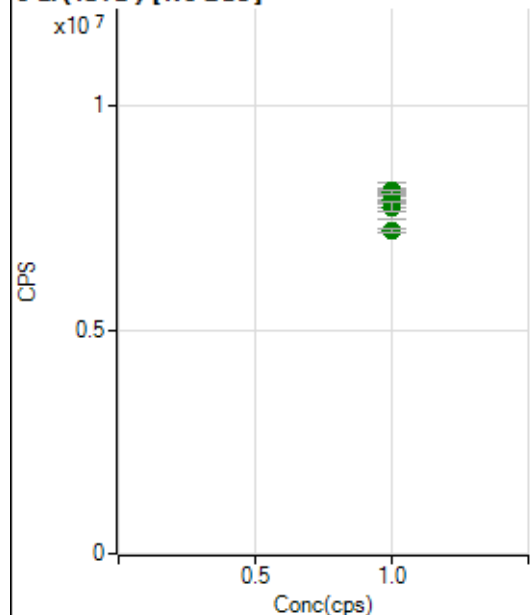
$$DL = 0.001554$$

$$BEC = 0.0008397$$

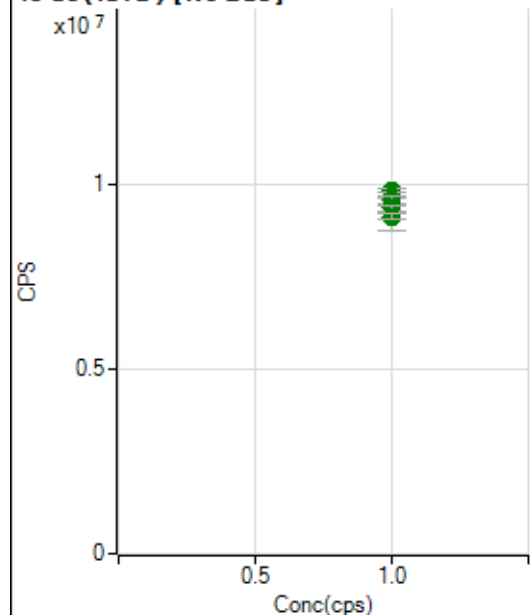
Weight: <None>

Min Conc: 0

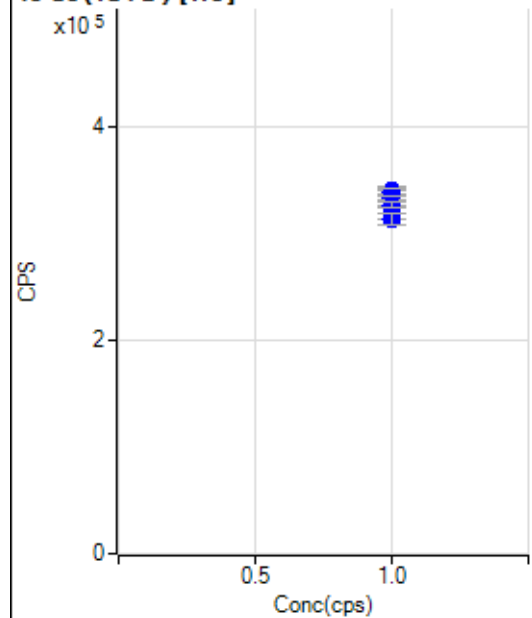
6 Li (ISTD) [No Gas]



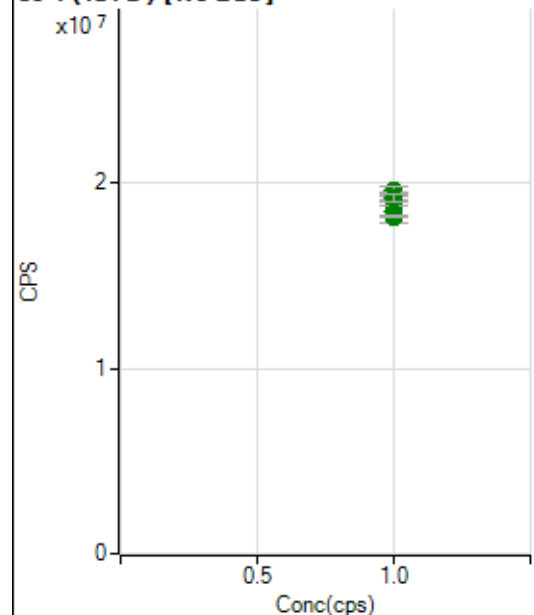
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7878284.50		A	10.6
2	☐	1.000		8030964.01		A	3.0
3	☐	1.000		7901161.48		A	2.4
4	☐	1.000		8101595.13		A	0.4
5	☐	1.000		8069640.84		A	0.8
6	☐	1.000		7742388.46		A	0.2
7	☐	1.000		7741682.56		A	2.9
8	☐	1.000		7214222.71		A	1.5

45 Sc (ISTD) [No Gas]

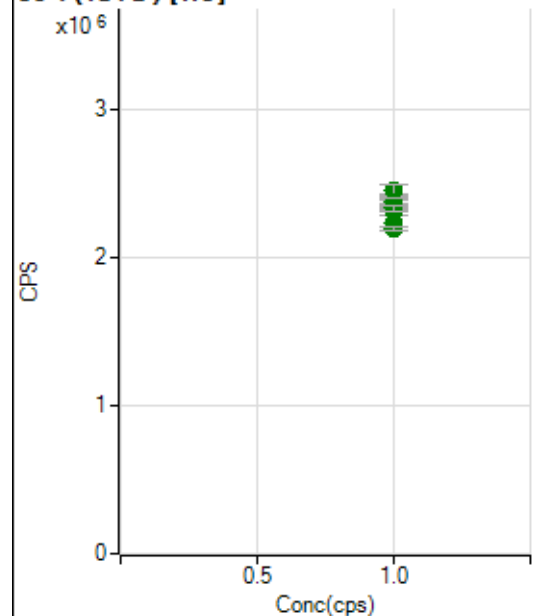
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9130772.36		A	8.0
2	☐	1.000		9699744.16		A	1.9
3	☐	1.000		9819797.08		A	1.0
4	☐	1.000		9664217.71		A	0.7
5	☐	1.000		9695187.63		A	1.3
6	☐	1.000		9555687.36		A	2.1
7	☐	1.000		9348352.36		A	1.8
8	☐	1.000		9119287.29		A	1.9

45 Sc (ISTD) [He]

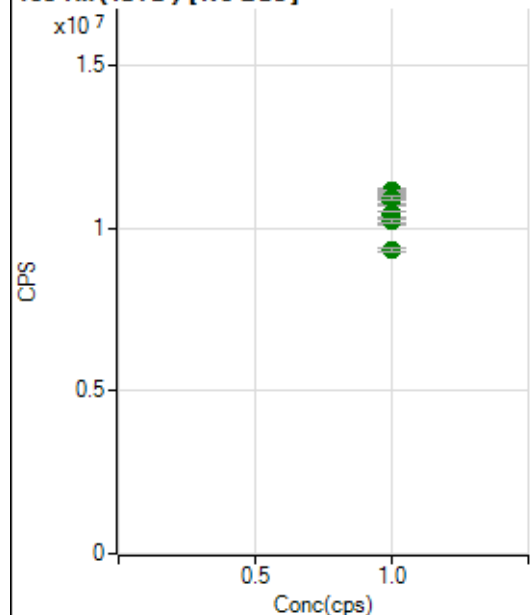
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		339586.87		P	2.1
2	☐	1.000		338557.75		P	1.1
3	☐	1.000		338769.91		P	2.3
4	☐	1.000		319277.90		P	4.0
5	☐	1.000		324952.10		P	0.8
6	☐	1.000		332363.74		P	0.9
7	☐	1.000		326364.26		P	1.5
8	☐	1.000		313210.30		P	2.9

89 Y (ISTD) [No Gas]

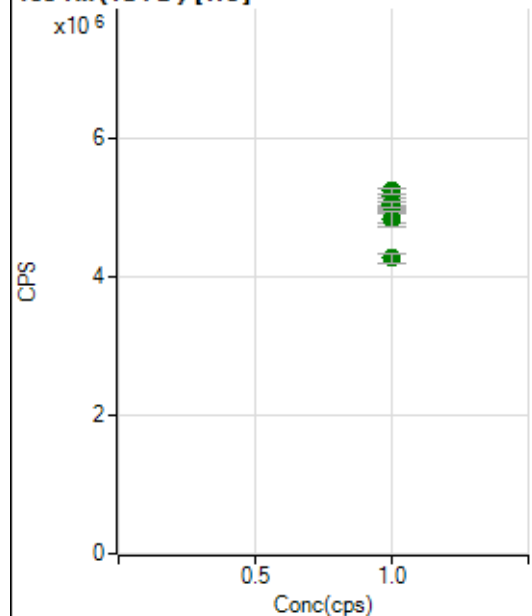
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18482564.58		A	6.7
2	☐	1.000		19173618.88		A	2.0
3	☐	1.000		19594925.82		A	2.9
4	☐	1.000		19263189.57		A	2.5
5	☐	1.000		19264494.15		A	1.7
6	☐	1.000		19016862.36		A	2.7
7	☐	1.000		19208283.74		A	2.4
8	☐	1.000		18208469.45		A	0.6

89 Y (ISTD) [He]

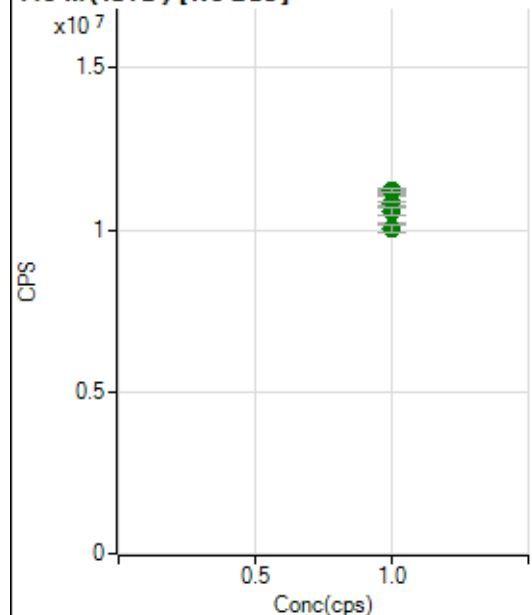
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2388816.63		A	4.1
2	☐	1.000		2369049.48		A	1.5
3	☐	1.000		2453787.72		A	3.1
4	☐	1.000		2234477.07		A	4.4
5	☐	1.000		2321446.41		A	0.7
6	☐	1.000		2385584.89		A	1.3
7	☐	1.000		2336361.58		A	1.5
8	☐	1.000		2201828.35		A	1.4

103 Rh (ISTD) [No Gas]

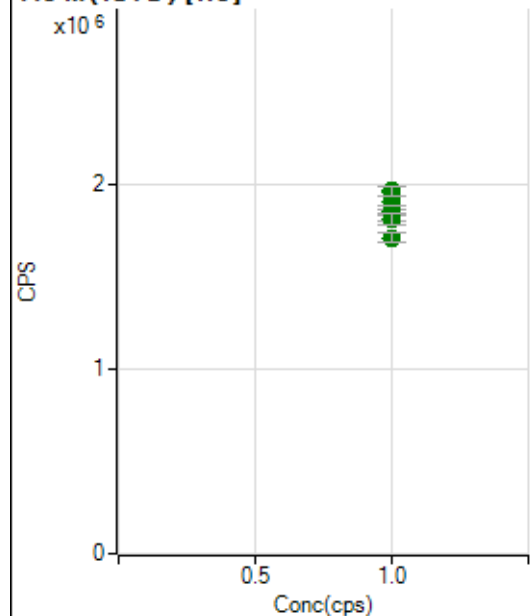
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10434832.87		A	5.8
2	☐	1.000		11146693.65		A	1.4
3	☐	1.000		11126029.15		A	0.8
4	☐	1.000		10814859.36		A	2.5
5	☐	1.000		10940146.60		A	1.3
6	☐	1.000		10424557.87		A	1.4
7	☐	1.000		10219631.13		A	1.1
8	☐	1.000		9314670.61		A	1.1

103 Rh (ISTD) [He]

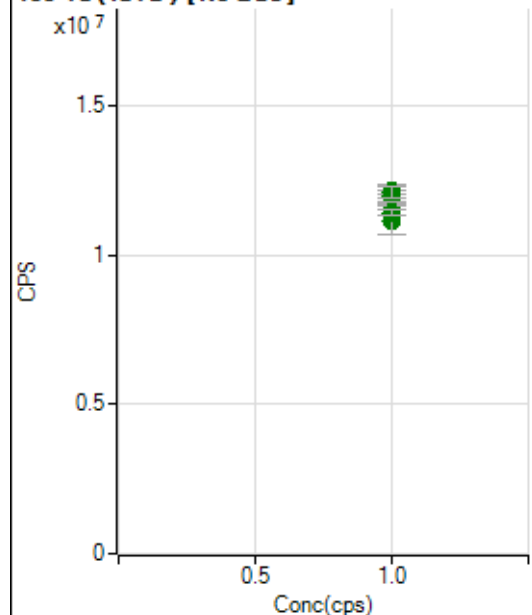
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5151139.61		A	1.3
2	☐	1.000		5037855.65		A	1.2
3	☐	1.000		5231816.00		A	1.9
4	☐	1.000		4838329.58		A	2.6
5	☐	1.000		4932062.88		A	0.8
6	☐	1.000		5031478.85		A	1.7
7	☐	1.000		4825890.90		A	4.2
8	☐	1.000		4258502.44		A	2.9

115 In (ISTD) [No Gas]

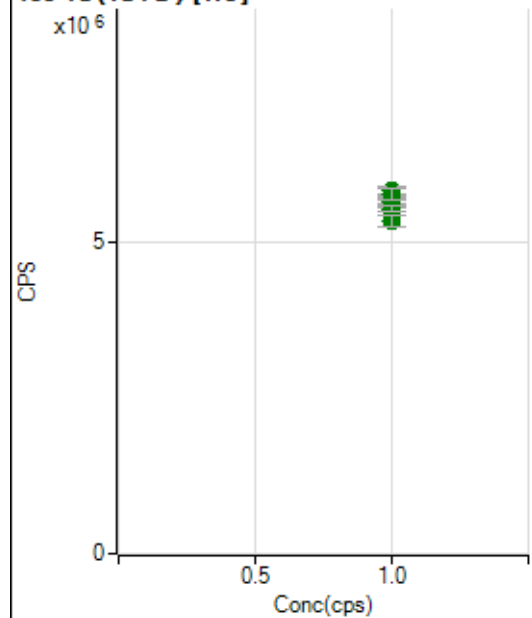
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10665391.06		A	8.6
2	☐	1.000		11135674.48		A	0.9
3	☐	1.000		11174101.35		A	0.5
4	☐	1.000		11143001.15		A	2.0
5	☐	1.000		11202583.00		A	1.0
6	☐	1.000		10811741.95		A	1.3
7	☐	1.000		10568424.16		A	1.8
8	☐	1.000		10017075.35		A	2.5

115 In (ISTD) [He]

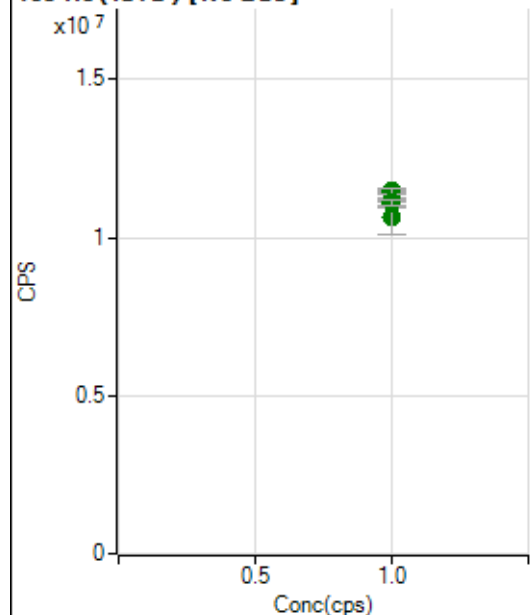
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1963258.60		A	2.8
2	☐	1.000		1914154.25		A	2.8
3	☐	1.000		1968288.92		A	2.7
4	☐	1.000		1840469.44		A	3.5
5	☐	1.000		1855145.86		A	1.7
6	☐	1.000		1891195.28		A	0.2
7	☐	1.000		1816344.00		A	3.6
8	☐	1.000		1716090.91		A	2.8

159 Tb (ISTD) [No Gas]

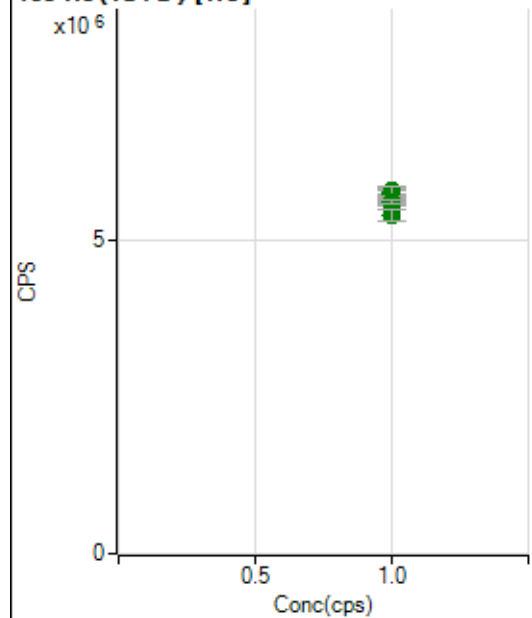
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11164443.79		A	8.3
2	☐	1.000		11745970.24		A	1.1
3	☐	1.000		11690569.41		A	0.4
4	☐	1.000		11981583.57		A	1.0
5	☐	1.000		12151714.40		A	4.0
6	☐	1.000		11985977.46		A	3.5
7	☐	1.000		12100556.35		A	3.2
8	☐	1.000		11432097.47		A	1.5

159 Tb (ISTD) [He]

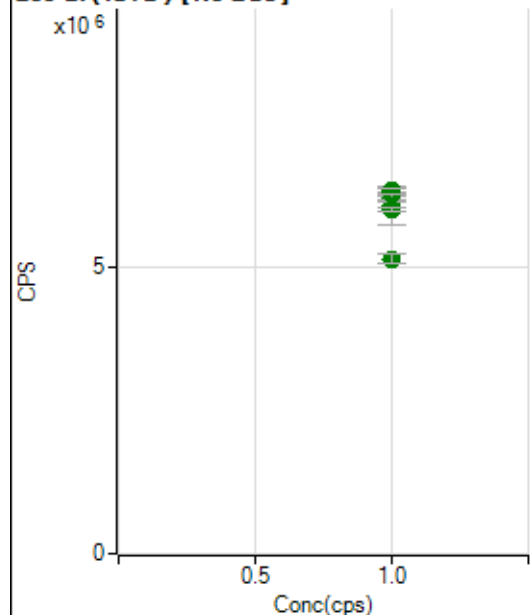
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5805987.13		A	2.9
2	☐	1.000		5716246.65		A	1.5
3	☐	1.000		5670801.72		A	2.4
4	☐	1.000		5511759.50		A	1.5
5	☐	1.000		5630770.54		A	1.9
6	☐	1.000		5759368.04		A	3.0
7	☐	1.000		5516175.47		A	1.7
8	☐	1.000		5329955.09		A	3.3

165 Ho (ISTD) [No Gas]

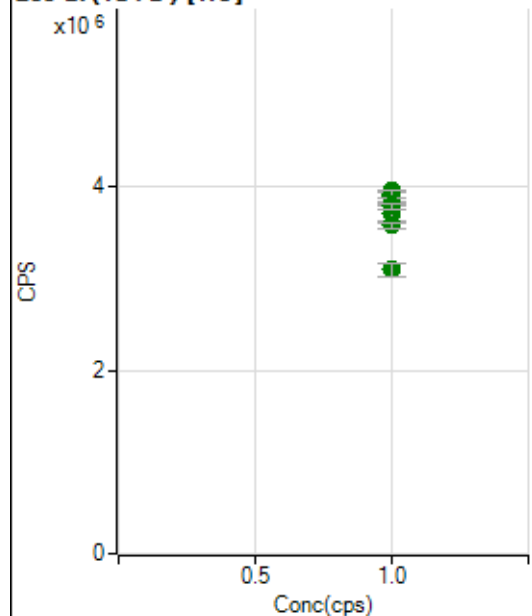
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10612107.10		A	9.5
2	☐	1.000		11083264.48		A	2.7
3	☐	1.000		11463373.87		A	0.4
4	☐	1.000		11393096.52		A	0.5
5	☐	1.000		11460142.10		A	1.9
6	☐	1.000		11407464.32		A	2.3
7	☐	1.000		11471073.26		A	1.8
8	☐	1.000		11098090.44		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5778941.17		A	1.9
2	☐	1.000		5739430.47		A	2.0
3	☐	1.000		5757169.50		A	2.0
4	☐	1.000		5535990.37		A	2.2
5	☐	1.000		5604095.26		A	1.7
6	☐	1.000		5763412.76		A	2.8
7	☐	1.000		5598744.57		A	1.0
8	☐	1.000		5395144.23		A	3.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6039740.61		A	9.2
2	☐	1.000		6343503.03		A	2.5
3	☐	1.000		6348330.53		A	1.9
4	☐	1.000		6327281.02		A	1.8
5	☐	1.000		6230085.60		A	1.5
6	☐	1.000		6097749.15		A	1.7
7	☐	1.000		6025121.30		A	1.5
8	☐	1.000		5164682.91		A	3.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3887762.41		A	3.0
2	☐	1.000		3951436.74		A	0.6
3	☐	1.000		3914970.64		A	2.2
4	☐	1.000		3709532.06		A	4.4
5	☐	1.000		3809173.07		A	3.5
6	☐	1.000		3784678.41		A	1.5
7	☐	1.000		3574561.54		A	1.8
8	☐	1.000		3094339.57		A	4.9

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8080922 MS.b

Acq. Date-Time 2022-08-09 12:55:55

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		27950	279495.22			1.598	5.000
24		173976	1739758.95			2.864	5.000
25		23171	231713.52			1.762	5.000
26		26596	265958.36			1.804	5.000
59		38158	381581.99			2.215	5.000
113		15506	155057.02			1.935	5.000
115		46294	462943.82			2.039	5.000
206		15041	150414.14			1.658	5.000
207		12587	125872.69			1.420	5.000
208		31166	311658.07			1.551	5.000
220		1	5.20			45.407	

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

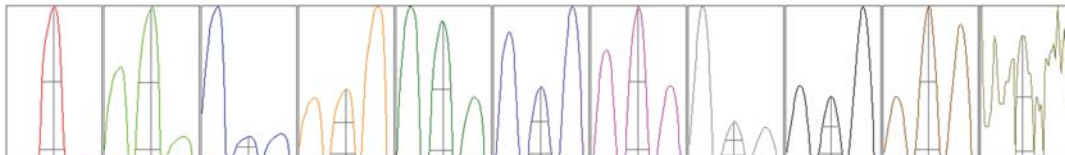
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	27771	28733	27606	27810	27827
24	170441	180847	169456	171530	177606
25	22918	23783	22852	22900	23403
26	26178	27374	26364	26332	26731
59	37051	39380	37971	37972	38417
113	15365	15880	15083	15561	15639
115	45989	47854	45293	46115	46222
206	14672	15224	15085	14931	15295
207	12380	12793	12527	12482	12754
208	30864	31132	30552	31556	31725

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	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	49067.76	9.00	8.90 - 9.10	
24	290531.80	24.00	23.90 - 24.10	
25	38864.45	25.00	24.90 - 25.10	
26	44821.92	26.00	25.90 - 26.10	
59	69166.68	59.00	58.90 - 59.10	
113	31155.95	113.00	112.90 - 113.10	
115	93419.02	115.00	114.90 - 115.10	
206	29952.39	205.95	205.90 - 206.10	
207	25313.59	206.95	206.90 - 207.10	
208	62942.34	207.95	207.90 - 208.10	
220	0.80	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.781	0.900	
24	0.63	0.788	0.900	
25	0.64	0.783	0.900	
26	0.63	0.787	0.900	
59	0.58	0.738	0.900	
113	0.52	0.725	0.900	
115	0.52	0.727	0.900	
206	0.52	0.754	0.900	
207	0.52	0.757	0.900	
208	0.51	0.771	0.900	
220	0.49	0.590		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.3 V	Deflect	15.4 V
Extract 2	-140.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.8 mm
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EM

Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8020	80203.62			1.471	
89		47918	479178.43			1.559	
205		37349	373487.73			0.824	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7825	8020	8117	8110	8030
89	47144	47566	48615	48815	47449
205	36931	37439	37697	37145	37531

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.3 V	Deflect	3.6 V
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US EPA Tune Check Report

Extract 2	-140.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.8 mm
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EM

Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V
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LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:41:37	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.37	-0.33	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.14	0.13	0.02	0.00	N/A	ppb
Boron	11-1	-0.08	0.20	-0.12	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.73	0.92	-0.19	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.03	0.00	0.00	N/A	ppb
Calcium	43-1	-1.08	0.88	0.20	0.00	N/A	ppb
Calcium	44-1	-1.80	3.64	-1.84	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.01	-0.04	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.36	0.24	0.12	0.00	N/A	ppb
Iron	56-2	0.02	0.15	-0.17	0.00	N/A	ppb
Iron	57-2	-0.28	-0.46	0.74	0.00	N/A	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:41:37	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.02	-0.02	0.00	N/A	ppb
Lead	208-1	-0.02	0.02	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.18	-0.03	-0.16	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-1.07	-28.89	-3.55	-11.17		ppb
Potassium	39-2	4.47	2.65	-7.12	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.23	-0.18	-0.05	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	0.21	-0.40	0.00	N/A	ppb
Silicon	28-1	-1.43	3.10	-1.66	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.88	0.99	-2.87	0.00	N/A	ppb
Strontium	86-1	-0.05	0.09	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-171.34	1225.79	-218.36	278.70	294.42	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.07	0.13	-0.06	0.00	N/A	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:41:37	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.06	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:44:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.28	18.81	19.00	19.70	6.98	ppb
Antimony	121-1	1.96	2.01	1.88	1.95	3.27	ppb
Arsenic	75-2	1.00	1.27	1.07	1.11	12.48	ppb
Barium	135-1	9.85	10.25	10.02	10.04	2.03	ppb
Barium	137-1	9.83	10.66	10.11	10.20	4.13	ppb
Beryllium	9-1	1.12	1.14	1.05	1.11	4.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	15.85	18.03	18.74	17.54	8.60	ppb
Boron	11-1	16.93	19.84	18.98	18.58	8.03	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.04	1.09	1.09	4.61	ppb
Cadmium	106-1	0.13	1.50	0.66	0.76	90.91	ppb
Cadmium	108-1	1.19	1.14	1.40	1.24	11.09	ppb
Calcium	43-1	491.61	507.36	488.03	495.66	2.07	ppb
Calcium	44-1	490.97	511.92	495.46	499.45	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.83	1.78	1.81	1.56	ppb
Cobalt	59-2	0.99	1.00	1.01	1.00	1.05	ppb
Copper	63-2	2.03	2.09	2.01	2.05	1.98	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				99		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	51.04	51.80	45.50	49.45	6.95	ppb
Iron	56-2	51.93	50.21	50.15	50.77	1.99	ppb
Iron	57-2	54.24	55.74	50.50	53.49	5.05	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:44:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.95	0.92	0.92	4.22	ppb
Lead	207-1	0.85	0.93	0.89	0.89	4.51	ppb
Lead	208-1	0.86	0.94	0.93	0.91	4.79	ppb
Lithium	6-1				102		%
Magnesium	24-2	537.39	522.36	503.75	521.17	3.23	ppb
Manganese	55-2	1.09	1.02	0.99	1.03	4.77	ppb
Molybdenum	94-1	5.61	5.72	5.90	5.74	2.59	ppb
Molybdenum	95-1	4.81	4.99	5.00	4.93	2.11	ppb
Molybdenum	96-1	4.83	5.21	5.18	5.07	4.12	ppb
Molybdenum	97-1	4.93	5.35	4.98	5.09	4.46	ppb
Molybdenum	98-1	4.81	4.89	4.90	4.87	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.12	1.05	1.08	3.46	ppb
Phosphorus	31-2	18.03	-5.41	20.88	11.17	129.16	ppb
Potassium	39-2	477.68	473.80	476.73	476.07	0.42	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	5.31	6.18	5.95	5.82	7.74	ppb
Selenium	77-2	8.65	5.23	7.63	7.17	24.54	ppb
Selenium	78-2	5.33	5.43	5.46	5.41	1.22	ppb
Silicon	28-1	-0.04	1.34	0.12	0.47	158.89	ppb
Silver	107-1	1.06	1.11	1.11	1.09	2.49	ppb
Silver	109-1	1.05	1.09	1.07	1.07	1.93	ppb
Sodium	23-2	500.69	489.83	480.06	490.19	2.11	ppb
Strontium	86-1	1.04	1.09	1.15	1.09	5.06	ppb
Strontium	88-1	1.00	1.00	0.97	0.99	1.40	ppb
Sulfur	34-1	-517.25	-105.49	-213.35	-278.70		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.94	0.95	0.96	0.95	0.99	ppb
Thallium	205-1	0.88	0.96	0.88	0.90	5.06	ppb
Tin	118-1	4.77	5.18	5.06	5.00	4.23	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:44:44	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.00	5.29	4.94	5.08	3.74	ppb
Uranium	238-1	0.93	0.93	0.86	0.91	4.42	ppb
Vanadium	51-2	4.98	4.77	4.69	4.81	3.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	2.49	2.41	1.97	2.29	12.28	ppb
Zirconium	90-1	0.95	0.98	0.97	0.97	1.38	ppb
Zirconium	91-1	0.89	0.92	1.01	0.94	7.01	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:47:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1029.15	1008.81	1030.78	1022.91	1.20	ppb
Antimony	121-1	54.42	54.73	54.46	54.54	0.31	ppb
Arsenic	75-2	54.39	50.17	51.93	52.17	4.06	ppb
Barium	135-1	268.21	256.58	260.06	261.62	2.28	ppb
Barium	137-1	273.83	267.28	267.45	269.52	1.39	ppb
Beryllium	9-1	55.59	53.18	56.77	55.18	3.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	59.86	60.68	70.23	63.59	9.07	ppb
Boron	11-1	63.33	65.58	73.57	67.49	7.98	ppb
Bromine	81-1						cps
Cadmium	111-1	56.73	57.12	56.23	56.69	0.79	ppb
Cadmium	106-1	63.57	58.51	56.31	59.46	6.25	ppb
Cadmium	108-1	57.71	57.56	56.62	57.30	1.04	ppb
Calcium	43-1	6230.17	6215.56	6131.19	6192.31	0.86	ppb
Calcium	44-1	5491.89	5668.00	5613.87	5591.25	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.00	48.33	49.21	49.18	1.69	ppb
Cobalt	59-2	51.62	50.41	52.08	51.37	1.68	ppb
Copper	63-2	558.90	525.84	548.63	544.45	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	2730.39	2663.29	2739.28	2710.99	1.53	ppb
Iron	56-2	2743.14	2687.12	2772.54	2734.27	1.59	ppb
Iron	57-2	2675.98	2633.74	2631.57	2647.10	0.95	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:47:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.88	225.11	239.69	234.23	3.39	ppb
Lead	207-1	241.00	232.89	239.78	237.89	1.84	ppb
Lead	208-1	250.89	240.26	247.68	246.28	2.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	5748.88	5509.87	5538.28	5599.01	2.33	ppb
Manganese	55-2	508.36	495.18	506.05	503.20	1.40	ppb
Molybdenum	94-1	509.30	511.75	534.13	518.39	2.64	ppb
Molybdenum	95-1	518.72	515.60	527.19	520.50	1.15	ppb
Molybdenum	96-1	521.16	515.12	539.17	525.15	2.38	ppb
Molybdenum	97-1	516.66	524.26	546.99	529.30	2.98	ppb
Molybdenum	98-1	513.79	520.67	528.76	521.07	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.33	51.65	53.23	52.74	1.78	ppb
Phosphorus	31-2	1039.26	968.89	1058.96	1022.37	4.63	ppb
Potassium	39-2	2477.40	2489.99	2541.35	2502.91	1.35	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	55.01	52.74	56.84	54.86	3.74	ppb
Selenium	77-2	65.60	48.35	53.55	55.83	15.85	ppb
Selenium	78-2	53.86	53.35	55.07	54.09	1.63	ppb
Silicon	28-1	90.81	93.23	87.64	90.56	3.10	ppb
Silver	107-1	57.80	57.48	56.55	57.28	1.13	ppb
Silver	109-1	56.32	57.12	57.08	56.84	0.79	ppb
Sodium	23-2	5454.47	5230.95	5255.38	5313.60	2.31	ppb
Strontium	86-1	1272.28	1285.69	1345.82	1301.26	3.01	ppb
Strontium	88-1	1288.95	1251.99	1299.32	1280.09	1.94	ppb
Sulfur	34-1	1020.72	1054.36	878.88	984.65	9.46	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	48.61	46.08	47.56	47.42	2.68	ppb
Thallium	205-1	48.17	48.82	48.86	48.61	0.80	ppb
Tin	118-1	54.99	55.70	54.93	55.21	0.77	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:47:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	528.40	531.15	525.43	528.33	0.54	ppb
Uranium	238-1	46.29	45.26	46.22	45.92	1.26	ppb
Vanadium	51-2	50.44	48.49	49.61	49.51	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	546.09	528.40	547.78	540.76	1.98	ppb
Zirconium	90-1	50.27	50.08	51.41	50.58	1.42	ppb
Zirconium	91-1	49.31	49.68	51.56	50.18	2.41	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:50:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2619.14	2630.95	2702.09	2650.73	1.69	ppb
Antimony	121-1	130.95	130.02	128.02	129.66	1.16	ppb
Arsenic	75-2	137.26	145.22	144.69	142.39	3.12	ppb
Barium	135-1	638.16	640.84	630.00	636.33	0.89	ppb
Barium	137-1	665.19	677.76	632.85	658.60	3.52	ppb
Beryllium	9-1	132.80	133.18	132.26	132.75	0.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	123.62	131.27	136.94	130.61	5.12	ppb
Boron	11-1	129.68	139.65	139.16	136.17	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	137.52	136.11	140.64	138.09	1.68	ppb
Cadmium	106-1	141.89	131.82	129.62	134.44	4.87	ppb
Cadmium	108-1	137.03	136.12	131.99	135.05	1.99	ppb
Calcium	43-1	14989.62	15266.11	15488.17	15247.97	1.64	ppb
Calcium	44-1	13554.03	13906.12	13659.70	13706.62	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.82	128.66	131.44	127.98	3.01	ppb
Cobalt	59-2	131.00	133.25	132.89	132.38	0.91	ppb
Copper	63-2	1382.65	1413.03	1407.88	1401.18	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	54-2	6724.85	7094.35	7172.35	6997.18	3.42	ppb
Iron	56-2	6868.88	7178.99	7102.65	7050.18	2.29	ppb
Iron	57-2	6659.05	6853.26	6924.44	6812.25	2.02	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:50:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	622.55	648.96	625.07	632.19	2.31	ppb
Lead	207-1	616.05	613.12	634.35	621.18	1.85	ppb
Lead	208-1	622.01	630.71	635.36	629.36	1.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	14019.07	14633.84	14768.73	14473.88	2.76	ppb
Manganese	55-2	1320.87	1359.11	1343.27	1341.08	1.43	ppb
Molybdenum	94-1	1250.09	1336.54	1245.84	1277.49	4.01	ppb
Molybdenum	95-1	1257.49	1328.56	1266.05	1284.03	3.02	ppb
Molybdenum	96-1	1271.88	1316.99	1220.30	1269.72	3.81	ppb
Molybdenum	97-1	1249.29	1332.95	1262.80	1281.68	3.50	ppb
Molybdenum	98-1	1254.94	1300.39	1289.72	1281.68	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.88	138.49	140.39	137.58	2.43	ppb
Phosphorus	31-2	2795.19	2646.57	2659.21	2700.32	3.05	ppb
Potassium	39-2	6542.39	6392.63	6588.48	6507.83	1.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	82-1	132.62	140.04	137.82	136.83	2.78	ppb
Selenium	77-2	118.11	146.20	136.89	133.73	10.70	ppb
Selenium	78-2	138.97	144.51	148.69	144.06	3.38	ppb
Silicon	28-1	137.30	143.17	143.07	141.18	2.38	ppb
Silver	107-1	138.69	139.59	128.95	135.74	4.35	ppb
Silver	109-1	135.26	135.08	131.57	133.97	1.55	ppb
Sodium	23-2	13373.80	13715.38	14073.73	13720.97	2.55	ppb
Strontium	86-1	3110.60	3335.60	3089.25	3178.48	4.29	ppb
Strontium	88-1	3135.14	3313.91	3181.39	3210.15	2.89	ppb
Sulfur	34-1	2999.10	3112.33	3130.06	3080.50	2.31	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	119.74	124.25	119.76	121.25	2.14	ppb
Thallium	205-1	127.82	129.20	128.34	128.45	0.54	ppb
Tin	118-1	132.01	131.29	131.51	131.61	0.28	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:50:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1270.98	1278.71	1337.61	1295.77	2.81	ppb
Uranium	238-1	118.48	127.30	122.73	122.84	3.59	ppb
Vanadium	51-2	127.29	129.83	132.74	129.95	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	1352.62	1401.62	1422.41	1392.22	2.57	ppb
Zirconium	90-1	123.11	131.52	130.19	128.28	3.52	ppb
Zirconium	91-1	122.47	128.69	125.25	125.47	2.49	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:54:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5221.39	5130.72	4980.89	5111.00	2.38	ppb
Antimony	121-1	270.53	249.49	275.13	265.05	5.16	ppb
Arsenic	75-2	265.28	265.94	255.96	262.39	2.13	ppb
Barium	135-1	1277.46	1233.27	1334.59	1281.77	3.96	ppb
Barium	137-1	1283.24	1211.96	1345.09	1280.10	5.20	ppb
Beryllium	9-1	260.67	258.85	255.38	258.30	1.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	251.01	272.54	275.96	266.51	5.08	ppb
Boron	11-1	266.93	286.95	267.14	273.67	4.20	ppb
Bromine	81-1						cps
Cadmium	111-1	258.76	249.65	272.80	260.40	4.48	ppb
Cadmium	106-1	262.14	248.45	267.26	259.28	3.75	ppb
Cadmium	108-1	262.52	255.16	272.37	263.35	3.28	ppb
Calcium	43-1	29732.46	29100.99	30123.43	29652.29	1.74	ppb
Calcium	44-1	26992.09	25744.52	25820.94	26185.85	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.26	246.31	241.09	247.22	2.68	ppb
Cobalt	59-2	258.04	252.41	252.21	254.22	1.30	ppb
Copper	63-2	2649.16	2640.23	2563.61	2617.67	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				108		%
Holmium	165-2				97		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	54-2	14660.33	14328.08	14372.85	14453.75	1.25	ppb
Iron	56-2	13946.71	13528.57	13559.90	13678.39	1.70	ppb
Iron	57-2	13359.85	13284.73	13129.76	13258.11	0.88	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:54:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1222.61	1240.39	1289.78	1250.93	2.78	ppb
Lead	207-1	1232.61	1236.13	1243.70	1237.48	0.46	ppb
Lead	208-1	1231.10	1254.89	1260.51	1248.83	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	28466.81	27345.33	26469.89	27427.34	3.65	ppb
Manganese	55-2	2636.95	2565.31	2596.33	2599.53	1.38	ppb
Molybdenum	94-1	2618.30	2506.44	2573.63	2566.12	2.19	ppb
Molybdenum	95-1	2594.46	2480.84	2579.37	2551.55	2.42	ppb
Molybdenum	96-1	2672.67	2572.85	2598.58	2614.70	1.98	ppb
Molybdenum	97-1	2618.09	2538.61	2619.90	2592.20	1.79	ppb
Molybdenum	98-1	2620.18	2534.49	2645.25	2599.97	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.03	261.01	260.36	262.13	0.97	ppb
Phosphorus	31-2	5274.34	5415.48	5134.39	5274.74	2.66	ppb
Potassium	39-2	13377.28	13251.74	12547.97	13059.00	3.42	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	266.65	254.25	266.95	262.61	2.76	ppb
Selenium	77-2	262.67	257.51	270.25	263.48	2.43	ppb
Selenium	78-2	278.88	276.56	262.12	272.52	3.33	ppb
Silicon	28-1	315.85	316.42	324.66	318.97	1.55	ppb
Silver	107-1	260.59	262.04	282.86	268.50	4.64	ppb
Silver	109-1	272.22	249.83	269.23	263.76	4.61	ppb
Sodium	23-2	27225.41	26370.97	25379.50	26325.29	3.51	ppb
Strontium	86-1	6356.87	6129.17	6437.34	6307.79	2.53	ppb
Strontium	88-1	6304.93	6086.40	6318.48	6236.60	2.09	ppb
Sulfur	34-1	6155.11	5692.92	6252.11	6033.38	4.95	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	237.36	237.81	245.31	240.16	1.86	ppb
Thallium	205-1	247.55	256.27	268.68	257.50	4.12	ppb
Tin	118-1	260.66	249.97	280.87	263.83	5.95	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:54:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2503.69	2381.46	2501.09	2462.08	2.84	ppb
Uranium	238-1	246.20	245.06	255.43	248.90	2.29	ppb
Vanadium	51-2	252.89	248.65	243.80	248.45	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	2684.04	2633.85	2585.25	2634.38	1.87	ppb
Zirconium	90-1	256.15	243.72	260.18	253.35	3.39	ppb
Zirconium	91-1	248.15	249.11	249.32	248.86	0.25	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:57:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10163.62	9948.16	9623.45	9911.74	2.74	ppb
Antimony	121-1	516.29	516.06	508.71	513.68	0.84	ppb
Arsenic	75-2	513.58	496.07	501.78	503.81	1.77	ppb
Barium	135-1	2565.85	2486.49	2472.21	2508.18	2.01	ppb
Barium	137-1	2506.49	2582.16	2550.19	2546.28	1.49	ppb
Beryllium	9-1	525.92	532.25	539.29	532.49	1.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	536.94	583.09	597.72	572.58	5.54	ppb
Boron	11-1	550.05	543.41	601.72	565.06	5.65	ppb
Bromine	81-1						cps
Cadmium	111-1	534.89	511.34	506.23	517.49	2.95	ppb
Cadmium	106-1	534.21	502.43	508.95	515.20	3.26	ppb
Cadmium	108-1	532.30	517.71	505.69	518.57	2.57	ppb
Calcium	43-1	61581.43	61221.98	60050.79	60951.40	1.31	ppb
Calcium	44-1	53541.87	53917.97	51878.24	53112.70	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.95	493.35	465.62	491.97	5.22	ppb
Cobalt	59-2	525.51	506.79	489.72	507.34	3.53	ppb
Copper	63-2	5187.97	5012.72	4883.07	5027.92	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	27931.42	26793.13	26141.75	26955.43	3.36	ppb
Iron	56-2	26822.84	25979.10	25673.90	26158.61	2.28	ppb
Iron	57-2	27336.69	26844.29	25935.65	26705.54	2.66	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:57:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2506.77	2583.02	2612.38	2567.39	2.12	ppb
Lead	207-1	2516.55	2540.46	2456.94	2504.65	1.72	ppb
Lead	208-1	2514.74	2542.14	2499.52	2518.80	0.86	ppb
Lithium	6-1				98		%
Magnesium	24-2	52570.96	52645.09	51722.83	52312.96	0.98	ppb
Manganese	55-2	5053.10	4904.83	4787.10	4915.01	2.71	ppb
Molybdenum	94-1	5050.46	5151.85	4967.98	5056.76	1.82	ppb
Molybdenum	95-1	5087.78	5089.99	5036.67	5071.48	0.59	ppb
Molybdenum	96-1	5282.02	5178.13	5150.68	5203.61	1.33	ppb
Molybdenum	97-1	5232.45	5099.29	4958.33	5096.69	2.69	ppb
Molybdenum	98-1	5151.10	5125.44	5024.94	5100.49	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.01	500.08	491.23	504.44	3.14	ppb
Phosphorus	31-2	10754.06	10468.04	9941.09	10387.73	3.97	ppb
Potassium	39-2	25632.21	24535.28	24326.35	24831.28	2.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	525.30	522.31	510.01	519.21	1.56	ppb
Selenium	77-2	534.75	498.49	499.40	510.88	4.05	ppb
Selenium	78-2	516.50	511.28	501.50	509.76	1.49	ppb
Silicon	28-1	715.80	709.43	683.79	703.00	2.41	ppb
Silver	107-1	537.10	516.66	512.29	522.02	2.54	ppb
Silver	109-1	528.01	512.81	511.74	517.52	1.76	ppb
Sodium	23-2	51327.49	50512.45	49187.88	50342.61	2.15	ppb
Strontium	86-1	12925.54	13108.36	12099.36	12711.09	4.23	ppb
Strontium	88-1	13051.51	12902.04	12163.73	12705.76	3.74	ppb
Sulfur	34-1	10166.54	9807.53	9164.56	9712.88	5.23	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	520.18	517.47	522.42	520.02	0.48	ppb
Thallium	205-1	508.48	539.63	523.34	523.82	2.97	ppb
Tin	118-1	531.98	500.36	505.31	512.55	3.32	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:57:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5107.63	5035.43	4824.24	4989.10	2.95	ppb
Uranium	238-1	506.13	507.02	480.64	497.93	3.01	ppb
Vanadium	51-2	495.84	477.99	469.55	481.13	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	5389.29	5233.65	5021.65	5214.86	3.54	ppb
Zirconium	90-1	501.44	510.92	484.81	499.06	2.65	ppb
Zirconium	91-1	520.32	522.03	493.75	512.04	3.10	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:00:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20094.22	20549.92	20188.75	20277.63	1.19	ppb
Antimony	121-1	1029.45	949.23	987.07	988.59	4.06	ppb
Arsenic	75-2	987.65	991.22	999.27	992.71	0.60	ppb
Barium	135-1	5066.78	4777.16	5113.96	4985.97	3.66	ppb
Barium	137-1	5015.28	4808.53	5068.67	4964.16	2.77	ppb
Beryllium	9-1	977.04	967.22	997.10	980.45	1.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	915.21	948.20	1011.75	958.39	5.12	ppb
Boron	11-1	913.17	916.12	1049.03	959.44	8.09	ppb
Bromine	81-1						cps
Cadmium	111-1	1031.51	963.70	964.84	986.69	3.93	ppb
Cadmium	106-1	1021.70	963.21	980.38	988.43	3.04	ppb
Cadmium	108-1	1017.37	948.24	991.66	985.76	3.54	ppb
Calcium	43-1	123917.94	121161.91	129869.73	124983.19	3.56	ppb
Calcium	44-1	106007.42	106461.20	106601.33	106356.65	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	986.95	1006.16	1020.03	1004.38	1.65	ppb
Cobalt	59-2	988.24	988.14	1006.47	994.29	1.06	ppb
Copper	63-2	9808.63	10135.24	9862.64	9935.50	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	53736.53	53382.62	54337.25	53818.80	0.90	ppb
Iron	56-2	52776.05	53169.26	53198.05	53047.79	0.44	ppb
Iron	57-2	53268.04	53392.18	54191.98	53617.40	0.94	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:00:22	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4997.00	4844.43	5056.45	4965.96	2.20	ppb
Lead	207-1	4983.53	4938.83	5083.30	5001.89	1.48	ppb
Lead	208-1	4998.48	4873.91	5099.21	4990.53	2.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	100867.24	104649.24	105720.49	103745.66	2.46	ppb
Manganese	55-2	9781.39	9979.54	10257.27	10006.07	2.39	ppb
Molybdenum	94-1	9602.69	10060.25	10189.24	9950.73	3.10	ppb
Molybdenum	95-1	9823.24	9936.18	10078.85	9946.09	1.29	ppb
Molybdenum	96-1	9797.50	10043.71	9756.19	9865.80	1.58	ppb
Molybdenum	97-1	9620.39	10118.72	10030.44	9923.18	2.68	ppb
Molybdenum	98-1	9659.37	9989.32	10110.54	9919.75	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.90	997.19	993.02	993.04	0.42	ppb
Phosphorus	31-2	19683.96	19196.03	20253.89	19711.29	2.69	ppb
Potassium	39-2	49206.54	48903.26	48278.19	48796.00	0.97	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	969.17	983.47	1003.91	985.52	1.77	ppb
Selenium	77-2	959.35	989.51	1020.53	989.80	3.09	ppb
Selenium	78-2	984.81	978.23	997.67	986.90	1.00	ppb
Silicon	28-1	867.61	858.61	905.68	877.30	2.85	ppb
Silver	107-1	1009.39	941.95	996.64	982.66	3.65	ppb
Silver	109-1	1056.39	938.61	964.02	986.34	6.28	ppb
Sodium	23-2	100111.49	101445.00	102307.32	101287.94	1.09	ppb
Strontium	86-1	24137.53	25115.75	25315.96	24856.42	2.54	ppb
Strontium	88-1	24624.51	25094.08	24901.76	24873.45	0.95	ppb
Sulfur	34-1	20109.83	19109.84	20220.60	19813.42	3.09	ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	965.46	1002.49	1011.19	993.05	2.45	ppb
Thallium	205-1	979.14	966.16	1012.25	985.85	2.41	ppb
Tin	118-1	1018.89	946.88	1001.77	989.18	3.80	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:00:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9915.38	9788.45	10319.55	10007.79	2.77	ppb
Uranium	238-1	988.36	989.13	1027.86	1001.78	2.25	ppb
Vanadium	51-2	1026.71	994.61	1006.38	1009.23	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	9835.50	9936.52	9745.46	9839.16	0.97	ppb
Zirconium	90-1	979.10	1016.40	1002.09	999.20	1.88	ppb
Zirconium	91-1	967.12	1008.02	1007.46	994.20	2.36	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:03:29	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100207.44	103500.43	96123.39	99943.75	3.70	ppb
Antimony	121-1	1.07	1.18	1.24	1.16	7.48	ppb
Arsenic	75-2	0.64	0.69	0.68	0.67	4.29	ppb
Barium	135-1	2.16	2.27	2.28	2.24	2.84	ppb
Barium	137-1	2.38	2.33	2.44	2.38	2.40	ppb
Beryllium	9-1	0.13	0.12	0.12	0.12	3.30	ppb
Bismuth	209-1				86		%
Bismuth	209-2				80		%
Boron	10-1	101.92	93.13	85.14	93.40	8.99	ppb
Boron	11-1	110.08	100.46	93.14	101.23	8.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.06	0.06	0.08	33.84	ppb
Cadmium	106-1	-1.75	-0.71	-0.27	-0.91		ppb
Cadmium	108-1	0.63	1.13	1.06	0.94	28.55	ppb
Calcium	43-1	490738.89	510829.66	479216.42	493594.99	3.24	ppb
Calcium	44-1	511294.96	500695.63	482975.49	498322.03	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.09	1.91	2.03	5.07	ppb
Cobalt	59-2	1.37	1.40	1.30	1.36	3.69	ppb
Copper	63-2	1.41	1.56	1.59	1.52	6.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	54-2	254916.61	254058.93	237791.11	248922.22	3.88	ppb
Iron	56-2	249888.17	256888.40	240803.37	249193.31	3.24	ppb
Iron	57-2	254231.96	256667.71	236257.92	249052.53	4.48	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:03:29	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.98	0.92	0.92	5.48	ppb
Lead	207-1	0.82	0.95	0.73	0.83	13.49	ppb
Lead	208-1	0.88	0.93	0.79	0.87	8.08	ppb
Lithium	6-1				92		%
Magnesium	24-2	514878.09	508247.52	473402.94	498842.85	4.47	ppb
Manganese	55-2	5.02	5.28	4.98	5.09	3.16	ppb
Molybdenum	94-1	3.09	3.00	2.81	2.96	4.76	ppb
Molybdenum	95-1	2.31	2.19	1.98	2.16	7.67	ppb
Molybdenum	96-1	6.85	6.63	6.29	6.59	4.25	ppb
Molybdenum	97-1	2.70	2.06	2.29	2.35	13.77	ppb
Molybdenum	98-1	2.24	2.06	1.95	2.09	7.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.65	2.68	2.38	2.57	6.53	ppb
Phosphorus	31-2	17.72	9.09	-10.25	5.52	259.50	ppb
Potassium	39-2	255828.42	254218.57	240622.90	250223.30	3.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				83		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	82-1	1.27	0.98	1.36	1.20	16.42	ppb
Selenium	77-2	0.56	0.55	2.18	1.10	85.43	ppb
Selenium	78-2	-0.32	0.12	-0.45	-0.21		ppb
Silicon	28-1	54.40	51.56	49.92	51.96	4.36	ppb
Silver	107-1	0.22	0.20	0.22	0.22	5.14	ppb
Silver	109-1	0.21	0.19	0.20	0.20	4.65	ppb
Sodium	23-2	515682.48	508896.03	474246.20	499608.24	4.45	ppb
Strontium	86-1	7.47	7.41	7.70	7.53	2.07	ppb
Strontium	88-1	7.50	7.43	7.39	7.44	0.74	ppb
Sulfur	34-1	-1405.83	-1447.74	-1755.93	-1536.50		ppb
Terbium	159-1				102		%
Terbium	159-2				92		%
Thallium	203-1	0.33	0.35	0.31	0.33	5.58	ppb
Thallium	205-1	0.34	0.38	0.32	0.35	8.79	ppb
Tin	118-1	-0.22	-0.28	-0.23	-0.24		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:03:29	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.93	0.95	0.85	0.91	5.78	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	1.64	ppb
Vanadium	51-2	0.22	0.21	0.18	0.20	9.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	6.76	6.51	6.40	6.56	2.88	ppb
Zirconium	90-1	0.42	0.44	0.47	0.45	5.75	ppb
Zirconium	91-1	0.45	0.43	0.40	0.43	6.87	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICV56	Instrumnet Name :	P8
Client Sample ID :	ICV56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:23:38	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	505.18	490.46	493.00	496.22	1.59	ppb
Antimony	121-1	198.01	200.22	204.26	200.83	1.58	ppb
Arsenic	75-2	219.02	206.56	208.37	211.32	3.18	ppb
Barium	135-1	95.51	99.54	103.01	99.35	3.78	ppb
Barium	137-1	100.23	101.36	106.98	102.86	3.52	ppb
Beryllium	9-1	105.10	105.92	103.03	104.68	1.42	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	538.84	540.14	514.15	531.04	2.76	ppb
Boron	11-1	534.12	515.66	530.69	526.82	1.86	ppb
Bromine	81-1						cps
Cadmium	111-1	106.49	107.59	111.88	108.65	2.62	ppb
Cadmium	106-1	198.91	187.59	200.91	195.80	3.67	ppb
Cadmium	108-1	182.92	180.17	191.18	184.76	3.10	ppb
Calcium	43-1	2380.90	2362.10	2429.40	2390.80	1.45	ppb
Calcium	44-1	2171.50	2126.15	2115.57	2137.74	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.21	95.55	95.63	96.46	1.57	ppb
Cobalt	59-2	103.81	100.93	99.82	101.52	2.03	ppb
Copper	63-2	101.13	96.70	98.22	98.69	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	2155.66	2077.75	2082.61	2105.34	2.07	ppb
Iron	56-2	2209.10	2161.91	2047.99	2139.67	3.87	ppb
Iron	57-2	2072.82	2014.14	1980.93	2022.63	2.30	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICV56	Instrumnet Name :	P8
Client Sample ID :	ICV56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:23:38	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	189.98	194.47	193.27	192.57	1.21	ppb
Lead	207-1	186.44	187.03	183.43	185.63	1.04	ppb
Lead	208-1	195.34	198.55	196.46	196.78	0.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	1227.58	1238.31	1228.73	1231.54	0.48	ppb
Manganese	55-2	101.85	96.63	96.08	98.19	3.24	ppb
Molybdenum	94-1	4742.18	4948.39	4651.46	4780.68	3.18	ppb
Molybdenum	95-1	4861.50	4870.04	4586.39	4772.64	3.38	ppb
Molybdenum	96-1	5026.08	4879.03	4696.77	4867.29	3.39	ppb
Molybdenum	97-1	4818.03	4882.59	4690.32	4796.98	2.04	ppb
Molybdenum	98-1	4771.68	4931.07	4632.47	4778.41	3.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.67	111.73	110.59	112.33	1.88	ppb
Phosphorus	31-2	2.25	23.69	-11.65	4.76	373.75	ppb
Potassium	39-2	1918.65	1865.83	1896.32	1893.60	1.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	215.38	220.79	210.71	215.63	2.34	ppb
Selenium	77-2	242.60	197.22	196.72	212.18	12.42	ppb
Selenium	78-2	224.85	206.28	211.74	214.29	4.45	ppb
Silicon	28-1	147.89	143.17	159.17	150.08	5.48	ppb
Silver	107-1	54.21	51.35	51.98	52.51	2.86	ppb
Silver	109-1	52.92	51.14	53.45	52.50	2.30	ppb
Sodium	23-2	2061.54	1987.93	1982.65	2010.70	2.19	ppb
Strontium	86-1	499.29	516.87	486.57	500.91	3.04	ppb
Strontium	88-1	484.17	486.50	464.50	478.39	2.53	ppb
Sulfur	34-1	-906.99	-1086.96	-685.06	-893.01		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	195.89	203.25	194.74	197.96	2.33	ppb
Thallium	205-1	210.39	210.03	211.30	210.57	0.31	ppb
Tin	118-1	504.61	511.93	513.42	509.98	0.92	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICV56	Instrumnet Name :	P8
Client Sample ID :	ICV56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:23:38	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4918.74	4814.46	4993.12	4908.77	1.83	ppb
Uranium	238-1	487.76	493.58	489.81	490.38	0.60	ppb
Vanadium	51-2	102.06	99.58	99.34	100.33	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	203.46	197.68	198.94	200.03	1.52	ppb
Zirconium	90-1	479.74	493.62	484.41	485.92	1.45	ppb
Zirconium	91-1	489.75	484.66	476.68	483.70	1.36	ppb

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : ICB56 Instrumnet Name : P8
 Client Sample ID : ICB56 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 14:27:54 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.10	-1.05	-1.29	-1.15		ppb
Antimony	121-1	0.06	0.09	0.09	0.08	24.67	ppb
Arsenic	75-2	0.04	0.01	0.04	0.03	44.86	ppb
Barium	135-1	0.02	0.01	0.00	0.01	66.01	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	40.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	11.52	11.70	12.11	11.77	2.56	ppb
Boron	11-1	12.60	12.65	12.35	12.53	1.30	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-5.89	-2.61	-5.41	-4.64		ppb
Cadmium	108-1	0.05	0.08	0.19	0.11	68.79	ppb
Calcium	43-1	-5.56	-7.44	-5.58	-6.19		ppb
Calcium	44-1	-8.34	-7.86	-8.65	-8.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.04	0.01	507.00	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	267.34	ppb
Copper	63-2	-0.12	-0.10	-0.06	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	0.21	-0.04	-0.36	-0.06		ppb
Iron	56-2	0.17	0.36	0.32	0.28	34.27	ppb
Iron	57-2	0.38	-1.68	0.15	-0.38		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICB56	Instrumnet Name :	P8
Client Sample ID :	ICB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:27:54	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.00	0.03	0.02	102.07	ppb
Lead	207-1	0.03	0.03	0.04	0.03	11.82	ppb
Lead	208-1	0.03	0.01	0.04	0.03	49.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.27	-0.07	0.27	0.16	124.52	ppb
Manganese	55-2	-0.02	0.03	0.02	0.01	246.32	ppb
Molybdenum	94-1	0.28	0.31	0.28	0.29	4.99	ppb
Molybdenum	95-1	0.35	0.29	0.26	0.30	15.48	ppb
Molybdenum	96-1	0.37	0.31	0.28	0.32	13.91	ppb
Molybdenum	97-1	0.39	0.34	0.28	0.34	16.82	ppb
Molybdenum	98-1	0.39	0.31	0.26	0.32	19.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.01	0.02	12.75	ppb
Phosphorus	31-2	-16.68	-5.62	-22.53	-14.94		ppb
Potassium	39-2	-0.28	-7.91	4.89	-1.10		ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	0.24	-0.44	0.26	0.02	1973.18	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	-0.56	-0.03	-0.09		ppb
Silicon	28-1	1.31	1.48	1.02	1.27	18.22	ppb
Silver	107-1	0.01	0.02	0.01	0.01	15.84	ppb
Silver	109-1	0.00	0.01	0.01	0.01	50.68	ppb
Sodium	23-2	-4.93	-6.32	-1.01	-4.09		ppb
Strontium	86-1	-0.07	-0.03	0.02	-0.03		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-880.32	-855.46	-858.63	-864.81		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	0.02	0.02	0.01	287.05	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	221.48	ppb
Tin	118-1	0.75	0.83	0.86	0.81	7.10	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICB56	Instrumnet Name :	P8
Client Sample ID :	ICB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:27:54	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.18	0.06	0.08	100.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.58	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	-0.07	-0.05	-0.02	-0.05		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	124.78	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSA56	Instrumnet Name :	P8
Client Sample ID :	ICSA56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:31:45	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96907.00	91578.10	93170.55	93885.22	2.91	ppb
Antimony	121-1	1.18	1.14	1.10	1.14	3.58	ppb
Arsenic	75-2	0.43	0.38	0.26	0.35	24.42	ppb
Barium	135-1	1.36	1.45	1.48	1.43	4.68	ppb
Barium	137-1	1.47	1.46	1.41	1.45	2.21	ppb
Beryllium	9-1	0.29	0.28	0.27	0.28	3.84	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	10.32	9.72	9.76	9.93	3.38	ppb
Boron	11-1	10.74	10.94	10.53	10.74	1.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.68	0.55	0.50	0.58	15.81	ppb
Cadmium	106-1	-5.04	-3.98	-6.22	-5.08		ppb
Cadmium	108-1	12.86	14.16	13.44	13.49	4.83	ppb
Calcium	43-1	105474.12	105616.74	100105.11	103731.99	3.03	ppb
Calcium	44-1	105193.30	104178.27	100688.75	103353.44	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.76	17.99	18.15	18.30	2.21	ppb
Cobalt	59-2	1.10	1.08	1.07	1.08	1.58	ppb
Copper	63-2	7.22	6.80	6.97	7.00	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	103284.72	98820.31	100825.53	100976.86	2.21	ppb
Iron	56-2	102842.24	100661.89	98433.09	100645.74	2.19	ppb
Iron	57-2	101967.51	97404.53	99483.59	99618.54	2.29	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSA56	Instrumnet Name :	P8
Client Sample ID :	ICSA56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:31:45	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.27	4.80	4.70	4.92	6.19	ppb
Lead	207-1	4.64	4.54	4.43	4.53	2.36	ppb
Lead	208-1	4.83	4.63	4.47	4.64	3.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	101612.04	96036.20	98735.91	98794.72	2.82	ppb
Manganese	55-2	7.35	7.18	7.30	7.28	1.22	ppb
Molybdenum	94-1	1656.58	1665.40	1495.59	1605.86	5.95	ppb
Molybdenum	95-1	2002.40	1958.15	1837.58	1932.71	4.41	ppb
Molybdenum	96-1	1967.98	1982.41	1755.65	1902.01	6.67	ppb
Molybdenum	97-1	2054.35	2051.97	1790.31	1965.54	7.72	ppb
Molybdenum	98-1	2031.24	1970.43	1857.28	1952.99	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.23	5.23	5.25	0.86	ppb
Phosphorus	31-2	97607.50	94891.23	95558.66	96019.13	1.47	ppb
Potassium	39-2	99054.28	93280.10	93313.90	95216.10	3.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.34	0.61	0.06	0.34	82.29	ppb
Selenium	77-2	0.49	0.00	0.50	0.33	86.60	ppb
Selenium	78-2	-0.75	-0.06	0.00	-0.27		ppb
Silicon	28-1	14.67	12.52	10.63	12.61	16.05	ppb
Silver	107-1	0.02	0.03	0.02	0.02	25.68	ppb
Silver	109-1	0.03	0.02	0.02	0.03	26.27	ppb
Sodium	23-2	101349.14	98850.99	99910.88	100037.00	1.25	ppb
Strontium	86-1	35.89	35.92	32.40	34.74	5.82	ppb
Strontium	88-1	35.33	35.09	31.97	34.13	5.50	ppb
Sulfur	34-1	103977.69	100784.37	98222.36	100994.81	2.86	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.10	0.13	0.11	12.96	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	3.83	ppb
Tin	118-1	-0.39	-0.36	-0.29	-0.35		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSA56	Instrumnet Name :	P8
Client Sample ID :	ICSA56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:31:45	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2156.38	2049.79	2002.58	2069.58	3.81	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.76	ppb
Vanadium	51-2	0.17	0.14	0.16	0.15	10.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	10.90	9.93	11.13	10.65	5.95	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	33.57	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	20.70	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSAB56	Instrumnet Name :	P8
Client Sample ID :	ICSAB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:34:42	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91177.13	93863.47	91428.27	92156.29	1.61	ppb
Antimony	121-1	20.29	20.63	20.03	20.32	1.50	ppb
Arsenic	75-2	20.93	19.68	20.56	20.39	3.14	ppb
Barium	135-1	21.37	20.88	21.04	21.09	1.19	ppb
Barium	137-1	22.04	21.03	21.02	21.37	2.75	ppb
Beryllium	9-1	18.56	19.00	19.30	18.95	1.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	54.91	57.69	56.52	56.37	2.48	ppb
Boron	11-1	60.03	60.06	62.80	60.96	2.60	ppb
Bromine	81-1						cps
Cadmium	111-1	19.95	19.42	19.34	19.57	1.69	ppb
Cadmium	106-1	19.31	22.89	23.41	21.87	10.20	ppb
Cadmium	108-1	34.69	34.68	34.20	34.52	0.81	ppb
Calcium	43-1	100164.00	96551.04	96623.54	97779.53	2.11	ppb
Calcium	44-1	97590.98	100564.46	97685.24	98613.56	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.87	37.22	35.73	36.61	2.14	ppb
Cobalt	59-2	19.59	20.54	19.72	19.95	2.58	ppb
Copper	63-2	25.13	26.40	24.94	25.49	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	100874.24	101615.37	97848.34	100112.65	1.99	ppb
Iron	56-2	99172.33	99219.26	94940.46	97777.35	2.51	ppb
Iron	57-2	100825.72	104758.87	96834.16	100806.25	3.93	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSAB56	Instrumnet Name :	P8
Client Sample ID :	ICSAB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:34:42	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.55	22.52	22.31	22.80	2.91	ppb
Lead	207-1	22.25	21.98	20.87	21.70	3.36	ppb
Lead	208-1	22.59	22.12	21.56	22.09	2.33	ppb
Lithium	6-1				111		%
Magnesium	24-2	94255.96	101254.06	97174.53	97561.52	3.60	ppb
Manganese	55-2	25.23	26.56	25.51	25.77	2.73	ppb
Molybdenum	94-1	1582.98	1643.17	1656.64	1627.60	2.41	ppb
Molybdenum	95-1	1858.77	1881.68	1879.01	1873.15	0.67	ppb
Molybdenum	96-1	1825.96	1889.09	1885.79	1866.94	1.90	ppb
Molybdenum	97-1	1879.38	1945.26	1960.32	1928.32	2.23	ppb
Molybdenum	98-1	1826.24	1905.11	1875.93	1869.09	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.85	25.11	24.02	24.33	2.80	ppb
Phosphorus	31-2	91178.91	96454.24	92761.02	93464.72	2.90	ppb
Potassium	39-2	92288.19	93274.58	92772.82	92778.53	0.53	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				114		%
Scandium	45-2				104		%
Selenium	82-1	19.61	20.92	19.67	20.07	3.69	ppb
Selenium	77-2	15.14	20.03	19.60	18.26	14.84	ppb
Selenium	78-2	18.15	17.54	18.38	18.03	2.42	ppb
Silicon	28-1	23.29	21.55	22.05	22.29	4.03	ppb
Silver	107-1	18.75	18.33	18.64	18.57	1.17	ppb
Silver	109-1	18.93	18.41	18.77	18.70	1.42	ppb
Sodium	23-2	94938.23	100032.82	96824.08	97265.04	2.65	ppb
Strontium	86-1	81.58	83.86	84.36	83.27	1.78	ppb
Strontium	88-1	82.58	84.95	85.72	84.42	1.93	ppb
Sulfur	34-1	95467.75	96168.69	93893.30	95176.58	1.22	ppb
Terbium	159-1				114		%
Terbium	159-2				101		%
Thallium	203-1	18.94	18.59	18.26	18.60	1.82	ppb
Thallium	205-1	19.99	19.14	18.66	19.27	3.50	ppb
Tin	118-1	49.76	48.79	49.74	49.43	1.12	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSAB56	Instrumnet Name :	P8
Client Sample ID :	ICSAB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:34:42	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1997.78	2041.35	2077.77	2038.96	1.96	ppb
Uranium	238-1	48.75	46.85	44.67	46.76	4.36	ppb
Vanadium	51-2	18.36	19.34	18.31	18.67	3.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	26.84	28.51	27.37	27.57	3.10	ppb
Zirconium	90-1	47.49	50.08	48.53	48.70	2.68	ppb
Zirconium	91-1	45.77	48.73	47.61	47.37	3.15	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:37:40	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51441.50	47851.60	47816.19	49036.43	4.25	ppb
Antimony	121-1	493.58	501.09	517.98	504.22	2.48	ppb
Arsenic	75-2	503.59	473.30	459.56	478.82	4.70	ppb
Barium	135-1	2602.12	2620.99	2541.40	2588.17	1.61	ppb
Barium	137-1	2546.67	2585.58	2616.55	2582.93	1.36	ppb
Beryllium	9-1	483.95	471.70	500.94	485.53	3.02	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	746.11	760.64	815.31	774.02	4.71	ppb
Boron	11-1	755.70	793.92	815.83	788.48	3.86	ppb
Bromine	81-1						cps
Cadmium	111-1	499.33	518.53	519.86	512.58	2.24	ppb
Cadmium	106-1	505.32	513.44	531.90	516.89	2.64	ppb
Cadmium	108-1	505.74	540.46	531.39	525.86	3.42	ppb
Calcium	43-1	251308.18	249883.13	245615.32	248935.54	1.19	ppb
Calcium	44-1	251279.30	240999.53	242912.61	245063.81	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.66	476.93	482.18	489.59	3.59	ppb
Cobalt	59-2	505.30	475.30	480.15	486.91	3.31	ppb
Copper	63-2	4987.68	4754.30	4943.88	4895.29	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	133887.93	125637.48	123730.88	127752.10	4.23	ppb
Iron	56-2	130060.20	121398.41	121142.94	124200.52	4.09	ppb
Iron	57-2	131243.55	120701.96	121632.28	124525.93	4.69	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:37:40	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2648.49	2696.52	2666.19	2670.40	0.91	ppb
Lead	207-1	2534.75	2565.29	2535.17	2545.07	0.69	ppb
Lead	208-1	2598.44	2617.48	2598.66	2604.86	0.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	261701.18	244137.78	245210.58	250349.85	3.93	ppb
Manganese	55-2	4981.25	4745.68	4833.03	4853.32	2.45	ppb
Molybdenum	94-1	4996.56	5087.87	4869.64	4984.69	2.20	ppb
Molybdenum	95-1	5064.71	5199.09	5158.79	5140.86	1.34	ppb
Molybdenum	96-1	4987.18	5236.49	5220.82	5148.17	2.71	ppb
Molybdenum	97-1	5033.64	5053.13	5053.80	5046.86	0.23	ppb
Molybdenum	98-1	5152.04	5017.18	5055.00	5074.74	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.55	496.28	498.27	510.03	4.34	ppb
Phosphorus	31-2	10188.93	9628.54	9482.41	9766.63	3.82	ppb
Potassium	39-2	122328.14	116671.43	118327.27	119108.95	2.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	511.53	516.82	519.92	516.09	0.82	ppb
Selenium	77-2	518.14	504.06	506.01	509.40	1.50	ppb
Selenium	78-2	542.74	499.60	494.54	512.29	5.17	ppb
Silicon	28-1	1445.46	1433.49	1408.94	1429.30	1.30	ppb
Silver	107-1	495.70	520.23	539.37	518.43	4.22	ppb
Silver	109-1	507.66	530.21	522.68	520.18	2.21	ppb
Sodium	23-2	258698.69	237167.53	249386.35	248417.52	4.35	ppb
Strontium	86-1	12592.95	12673.74	12375.75	12547.48	1.23	ppb
Strontium	88-1	12378.23	12827.17	12780.68	12662.03	1.95	ppb
Sulfur	34-1	9269.55	8805.89	8815.52	8963.65	2.96	ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	546.91	537.18	519.63	534.57	2.59	ppb
Thallium	205-1	555.27	529.73	524.11	536.37	3.10	ppb
Tin	118-1	487.70	531.95	513.99	511.21	4.35	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:37:40	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5093.79	5027.79	4902.69	5008.09	1.94	ppb
Uranium	238-1	513.13	519.31	529.95	520.80	1.63	ppb
Vanadium	51-2	509.15	479.80	484.24	491.06	3.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	5017.46	4649.07	4657.26	4774.60	4.41	ppb
Zirconium	90-1	513.52	508.09	517.47	513.03	0.92	ppb
Zirconium	91-1	516.79	518.88	521.54	519.07	0.46	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:50:06	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.01	19.13	26.74	22.29	17.79	ppb
Antimony	121-1	2.22	2.09	2.10	2.14	3.53	ppb
Arsenic	75-2	1.24	1.10	1.06	1.14	8.44	ppb
Barium	135-1	10.84	9.36	9.48	9.89	8.30	ppb
Barium	137-1	10.87	9.55	9.79	10.07	6.96	ppb
Beryllium	9-1	1.15	1.11	1.09	1.11	2.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	32.59	32.53	32.28	32.47	0.50	ppb
Boron	11-1	33.81	33.93	35.85	34.53	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	1.04	1.14	1.12	6.45	ppb
Cadmium	106-1	-4.35	-4.97	-6.98	-5.43		ppb
Cadmium	108-1	1.20	1.33	0.92	1.15	18.53	ppb
Calcium	43-1	543.76	510.43	499.79	517.99	4.43	ppb
Calcium	44-1	543.77	503.90	501.23	516.30	4.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.79	1.88	1.85	3.09	ppb
Cobalt	59-2	1.02	0.99	1.02	1.01	1.74	ppb
Copper	63-2	2.14	2.05	2.28	2.16	5.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	54.40	47.98	59.62	54.00	10.80	ppb
Iron	56-2	52.11	50.50	62.58	55.06	11.91	ppb
Iron	57-2	49.46	50.57	58.62	52.88	9.45	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:50:06	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	0.96	0.92	0.96	4.47	ppb
Lead	207-1	1.09	1.03	0.88	1.00	10.82	ppb
Lead	208-1	1.07	1.01	0.87	0.98	10.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	543.64	538.36	541.57	541.19	0.49	ppb
Manganese	55-2	1.03	1.01	1.05	1.03	1.87	ppb
Molybdenum	94-1	6.30	5.93	5.44	5.89	7.28	ppb
Molybdenum	95-1	5.43	5.25	4.89	5.19	5.35	ppb
Molybdenum	96-1	5.57	5.17	4.85	5.20	6.95	ppb
Molybdenum	97-1	5.60	5.41	5.09	5.37	4.73	ppb
Molybdenum	98-1	5.53	5.18	4.87	5.19	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.09	1.19	1.12	5.64	ppb
Phosphorus	31-2	33.63	28.17	34.86	32.22	11.05	ppb
Potassium	39-2	500.59	481.05	474.13	485.26	2.83	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	5.88	5.69	5.10	5.56	7.32	ppb
Selenium	77-2	5.07	3.56	4.96	4.53	18.66	ppb
Selenium	78-2	5.70	4.27	4.41	4.79	16.49	ppb
Silicon	28-1	3.52	0.80	1.37	1.90	75.38	ppb
Silver	107-1	1.12	1.03	1.09	1.08	3.89	ppb
Silver	109-1	1.20	1.07	1.02	1.10	8.48	ppb
Sodium	23-2	537.73	516.87	524.17	526.26	2.01	ppb
Strontium	86-1	1.04	1.36	0.89	1.10	21.86	ppb
Strontium	88-1	1.21	1.24	0.98	1.14	12.29	ppb
Sulfur	34-1	-226.55	-990.91	-1016.06	-744.51		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	1.05	0.98	0.93	0.99	5.93	ppb
Thallium	205-1	1.07	0.97	0.98	1.01	5.47	ppb
Tin	118-1	5.41	4.72	5.03	5.05	6.76	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:50:06	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.00	5.66	5.10	5.59	8.13	ppb
Uranium	238-1	0.94	0.87	0.79	0.86	8.59	ppb
Vanadium	51-2	5.03	4.91	4.71	4.88	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	2.44	2.25	2.36	2.35	4.07	ppb
Zirconium	90-1	1.05	1.00	0.92	0.99	6.79	ppb
Zirconium	91-1	0.99	0.95	0.98	0.97	2.03	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:53:12	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	-0.27	0.17	0.18	250.90	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	26.20	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	61.93	ppb
Barium	135-1	0.02	0.00	0.01	0.01	102.49	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	54.27	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	12.48	12.60	11.90	12.33	3.01	ppb
Boron	11-1	13.42	13.06	12.43	12.97	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-2.84	-3.90	-3.94	-3.56		ppb
Cadmium	108-1	0.01	-0.06	-0.04	-0.03		ppb
Calcium	43-1	0.37	-1.46	0.61	-0.16		ppb
Calcium	44-1	-3.82	-3.47	-2.13	-3.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.02	0.02	28.58	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.04	-0.02	0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				96		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	54-2	-0.19	-0.57	-1.55	-0.77		ppb
Iron	56-2	-0.14	-0.12	-0.01	-0.09		ppb
Iron	57-2	1.03	-0.42	0.46	0.35	206.40	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:53:12	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.00	0.02	96.25	ppb
Lead	207-1	0.01	-0.01	0.03	0.01	216.04	ppb
Lead	208-1	0.03	0.02	0.02	0.02	33.26	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.77	0.06	-0.09	0.25	185.95	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	677.21	ppb
Molybdenum	94-1	0.04	0.02	0.04	0.03	42.81	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	18.14	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	56.80	ppb
Molybdenum	97-1	0.06	0.04	0.07	0.05	25.46	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.04	36.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.01	0.01	33.52	ppb
Phosphorus	31-2	-4.39	-10.67	0.82	-4.75		ppb
Potassium	39-2	5.39	3.41	0.30	3.03	84.47	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	-0.28	-0.06	0.58	0.08	561.86	ppb
Selenium	77-2	0.52	0.00	0.00	0.17	173.21	ppb
Selenium	78-2	0.06	0.11	0.51	0.23	108.31	ppb
Silicon	28-1	-1.15	-1.55	-0.22	-0.97		ppb
Silver	107-1	0.02	0.02	0.02	0.02	2.77	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.25	ppb
Sodium	23-2	12.43	13.86	12.33	12.87	6.65	ppb
Strontium	86-1	0.04	-0.02	-0.02	0.00	9260.56	ppb
Strontium	88-1	0.01	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-722.44	-719.44	-395.45	-612.44		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.06	0.07	0.06	22.48	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	14.77	ppb
Tin	118-1	-0.60	-0.58	-0.62	-0.60		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:53:12	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.03	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	476.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.05	-0.06	-0.03		ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	90.74	ppb
Zirconium	91-1	0.00	-0.02	0.01	-0.01		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:59:15	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.34	19.80	19.48	19.87	2.19	ppb
Antimony	121-1	2.00	2.09	2.06	2.05	2.32	ppb
Arsenic	75-2	0.98	1.19	1.04	1.07	10.20	ppb
Barium	135-1	10.26	10.17	9.53	9.99	3.98	ppb
Barium	137-1	10.58	10.80	10.10	10.49	3.42	ppb
Beryllium	9-1	1.05	1.07	0.98	1.03	4.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	22.61	23.46	24.86	23.64	4.82	ppb
Boron	11-1	25.07	25.61	26.08	25.59	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	1.24	1.17	1.16	1.19	3.49	ppb
Cadmium	106-1	-4.71	-0.35	-4.01	-3.02		ppb
Cadmium	108-1	0.70	0.98	1.19	0.96	25.52	ppb
Calcium	43-1	503.83	493.32	495.26	497.47	1.12	ppb
Calcium	44-1	507.29	493.68	493.52	498.16	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.98	1.81	1.90	4.41	ppb
Cobalt	59-2	1.00	0.97	1.02	1.00	2.41	ppb
Copper	63-2	1.99	2.17	2.15	2.11	4.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	52.02	49.49	50.64	50.72	2.50	ppb
Iron	56-2	51.11	52.33	51.28	51.57	1.29	ppb
Iron	57-2	51.59	52.98	56.62	53.73	4.83	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:59:15	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.87	0.96	0.90	5.71	ppb
Lead	207-1	0.90	0.98	0.92	0.93	4.40	ppb
Lead	208-1	0.90	0.92	0.91	0.91	0.93	ppb
Lithium	6-1				112		%
Magnesium	24-2	534.10	531.58	534.60	533.43	0.30	ppb
Manganese	55-2	0.98	0.91	0.99	0.96	4.73	ppb
Molybdenum	94-1	5.66	5.74	5.86	5.75	1.74	ppb
Molybdenum	95-1	5.07	4.78	4.89	4.91	3.02	ppb
Molybdenum	96-1	5.17	5.03	5.11	5.10	1.43	ppb
Molybdenum	97-1	5.00	4.93	5.06	5.00	1.30	ppb
Molybdenum	98-1	4.80	5.00	4.93	4.91	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.18	1.07	1.09	7.87	ppb
Phosphorus	31-2	44.35	10.96	21.04	25.45	67.29	ppb
Potassium	39-2	479.95	491.79	489.89	487.21	1.30	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	82-1	6.18	5.14	5.47	5.60	9.54	ppb
Selenium	77-2	5.91	5.13	4.06	5.04	18.44	ppb
Selenium	78-2	6.05	4.24	4.81	5.03	18.45	ppb
Silicon	28-1	1.08	0.47	0.55	0.70	47.71	ppb
Silver	107-1	1.04	1.10	1.10	1.08	3.25	ppb
Silver	109-1	1.09	1.10	1.06	1.08	1.77	ppb
Sodium	23-2	509.60	506.28	500.63	505.50	0.90	ppb
Strontium	86-1	1.07	1.09	0.99	1.05	4.72	ppb
Strontium	88-1	0.96	0.97	1.02	0.98	3.48	ppb
Sulfur	34-1	-500.78	-644.09	-335.26	-493.38		ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.96	1.03	0.93	0.97	5.24	ppb
Thallium	205-1	0.99	0.96	0.99	0.98	1.87	ppb
Tin	118-1	4.98	5.36	5.13	5.15	3.71	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:59:15	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.39	5.04	5.07	5.16	3.73	ppb
Uranium	238-1	0.85	0.85	0.87	0.86	1.15	ppb
Vanadium	51-2	4.95	4.80	4.84	4.86	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	2.27	2.08	2.60	2.32	11.43	ppb
Zirconium	90-1	0.97	0.98	0.96	0.97	0.68	ppb
Zirconium	91-1	0.95	0.96	0.99	0.97	2.19	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:50:37	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.61	5.71	5.29	5.54	3.93	ppb
Antimony	121-1	0.27	0.27	0.28	0.27	2.45	ppb
Arsenic	75-2	0.28	0.30	0.31	0.29	4.74	ppb
Barium	135-1	1.13	1.34	1.36	1.28	9.94	ppb
Barium	137-1	1.20	1.27	1.21	1.23	3.37	ppb
Beryllium	9-1	0.23	0.24	0.24	0.24	3.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				96		%
Boron	10-1	0.33	0.54	0.47	0.45	24.54	ppb
Boron	11-1	0.31	0.52	0.42	0.42	25.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.29	0.25	0.26	8.31	ppb
Cadmium	106-1	-4.33	-1.75	-4.43	-3.50		ppb
Cadmium	108-1	0.29	0.41	0.39	0.36	17.24	ppb
Calcium	43-1	24.86	27.29	24.27	25.47	6.30	ppb
Calcium	44-1	15.10	18.10	17.52	16.91	9.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.23	0.21	0.23	6.40	ppb
Cobalt	59-2	0.30	0.26	0.26	0.27	6.88	ppb
Copper	63-2	0.33	0.36	0.31	0.33	7.79	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				110		%
Holmium	165-2				95		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	13.27	14.72	12.49	13.50	8.39	ppb
Iron	56-2	13.12	13.21	12.70	13.01	2.08	ppb
Iron	57-2	12.82	12.71	12.39	12.64	1.78	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:50:37	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.22	0.21	0.19	20.34	ppb
Lead	207-1	0.15	0.21	0.20	0.19	17.49	ppb
Lead	208-1	0.16	0.21	0.21	0.19	16.27	ppb
Lithium	6-1				119		%
Magnesium	24-2	31.70	28.28	27.36	29.11	7.86	ppb
Manganese	55-2	0.61	0.53	0.47	0.53	12.60	ppb
Molybdenum	94-1	1.29	1.37	1.30	1.32	3.47	ppb
Molybdenum	95-1	1.18	1.21	1.15	1.18	2.48	ppb
Molybdenum	96-1	1.18	1.13	1.13	1.15	2.52	ppb
Molybdenum	97-1	1.18	1.32	1.32	1.27	6.19	ppb
Molybdenum	98-1	1.17	1.30	1.13	1.20	7.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.30	0.24	0.27	9.75	ppb
Phosphorus	31-2	12.25	-8.46	-7.99	-1.40		ppb
Potassium	39-2	15.04	15.25	19.06	16.45	13.77	ppb
Rhodium	103-1				111		%
Rhodium	103-2				98		%
Scandium	45-1				113		%
Scandium	45-2				98		%
Selenium	82-1	2.55	2.90	2.62	2.69	6.78	ppb
Selenium	77-2	2.63	2.69	2.14	2.49	12.13	ppb
Selenium	78-2	3.01	2.33	2.06	2.47	19.83	ppb
Silicon	28-1	-2.68	-0.59	-1.03	-1.44		ppb
Silver	107-1	0.26	0.31	0.26	0.27	10.16	ppb
Silver	109-1	0.26	0.29	0.26	0.27	6.88	ppb
Sodium	23-2	23.88	27.57	23.36	24.94	9.21	ppb
Strontium	86-1	0.19	0.24	0.27	0.23	18.80	ppb
Strontium	88-1	0.22	0.24	0.22	0.22	5.32	ppb
Sulfur	34-1	-556.67	63.10	55.46	-146.04		ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	0.16	0.24	0.18	0.19	22.69	ppb
Thallium	205-1	0.19	0.20	0.23	0.21	9.38	ppb
Tin	118-1	0.04	-0.30	-0.30	-0.19		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:50:37	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.16	1.45	1.38	1.33	11.56	ppb
Uranium	238-1	0.19	0.22	0.20	0.20	8.29	ppb
Vanadium	51-2	0.27	0.23	0.22	0.24	10.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				95		%
Zinc	66-2	0.39	0.36	0.53	0.43	21.15	ppb
Zirconium	90-1	0.23	0.24	0.21	0.23	7.42	ppb
Zirconium	91-1	0.23	0.21	0.22	0.22	3.92	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:57:14	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.41	5.67	5.05	5.38	5.80	ppb
Antimony	121-1	0.28	0.25	0.29	0.27	6.92	ppb
Arsenic	75-2	0.28	0.29	0.29	0.29	1.70	ppb
Barium	135-1	1.52	1.12	1.20	1.28	16.60	ppb
Barium	137-1	1.37	1.25	1.17	1.26	7.99	ppb
Beryllium	9-1	0.25	0.26	0.24	0.25	3.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	1.69	1.74	1.40	1.61	11.61	ppb
Boron	11-1	1.67	1.74	1.59	1.67	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.22	0.26	0.25	14.18	ppb
Cadmium	106-1	-2.92	-4.86	-2.58	-3.45		ppb
Cadmium	108-1	0.18	0.23	0.25	0.22	15.75	ppb
Calcium	43-1	22.45	24.87	24.27	23.86	5.28	ppb
Calcium	44-1	17.47	16.73	16.99	17.07	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.22	0.22	0.23	7.91	ppb
Cobalt	59-2	0.24	0.22	0.25	0.24	5.69	ppb
Copper	63-2	0.31	0.31	0.34	0.32	5.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	12.81	12.97	12.72	12.83	0.98	ppb
Iron	56-2	12.51	12.37	12.66	12.51	1.18	ppb
Iron	57-2	10.77	13.75	11.85	12.12	12.47	ppb

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : N3214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 15:57:14 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.19	0.23	0.20	11.64	ppb
Lead	207-1	0.22	0.19	0.23	0.21	10.75	ppb
Lead	208-1	0.22	0.20	0.21	0.21	3.88	ppb
Lithium	6-1				116		%
Magnesium	24-2	26.54	26.19	29.20	27.31	6.02	ppb
Manganese	55-2	0.44	0.44	0.54	0.47	11.61	ppb
Molybdenum	94-1	1.34	1.42	1.39	1.39	2.66	ppb
Molybdenum	95-1	1.24	1.30	1.21	1.25	3.58	ppb
Molybdenum	96-1	1.27	1.21	1.32	1.27	4.07	ppb
Molybdenum	97-1	1.18	1.29	1.29	1.26	5.14	ppb
Molybdenum	98-1	1.24	1.30	1.27	1.27	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.30	0.23	0.27	14.19	ppb
Phosphorus	31-2	6.00	1.90	-2.54	1.79	238.89	ppb
Potassium	39-2	9.26	7.50	9.22	8.66	11.62	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	82-1	2.36	2.55	2.95	2.62	11.50	ppb
Selenium	77-2	4.17	2.51	3.58	3.42	24.54	ppb
Selenium	78-2	2.56	1.93	2.42	2.31	14.39	ppb
Silicon	28-1	-0.56	-1.72	-2.03	-1.44		ppb
Silver	107-1	0.29	0.28	0.30	0.29	3.58	ppb
Silver	109-1	0.26	0.29	0.23	0.26	13.03	ppb
Sodium	23-2	20.07	23.07	22.81	21.98	7.56	ppb
Strontium	86-1	0.16	0.27	0.18	0.20	28.22	ppb
Strontium	88-1	0.23	0.25	0.23	0.24	3.88	ppb
Sulfur	34-1	-47.62	-141.57	53.95	-45.08		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.19	0.21	0.16	0.19	13.09	ppb
Thallium	205-1	0.19	0.19	0.20	0.19	4.31	ppb
Tin	118-1	-0.30	-0.30	13.54	4.32	185.09	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:57:14	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.20	1.24	1.49	1.31	11.97	ppb
Uranium	238-1	0.20	0.21	0.22	0.21	6.45	ppb
Vanadium	51-2	0.22	0.23	0.28	0.24	12.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	0.44	0.41	0.54	0.46	15.07	ppb
Zirconium	90-1	0.25	0.22	0.23	0.23	6.11	ppb
Zirconium	91-1	0.23	0.26	0.31	0.27	15.49	ppb

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : N3214-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT2-2022 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 16:01:27 DataFile Name : 026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.07	20.29	20.00	20.12	0.75	ppb
Antimony	121-1	2.06	2.02	1.92	2.00	3.44	ppb
Arsenic	75-2	1.16	1.10	1.18	1.15	3.38	ppb
Barium	135-1	10.13	10.45	9.79	10.12	3.23	ppb
Barium	137-1	9.99	10.46	9.60	10.02	4.32	ppb
Beryllium	9-1	1.00	1.03	1.11	1.04	5.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	15.09	17.63	19.05	17.25	11.61	ppb
Boron	11-1	16.24	18.39	20.63	18.42	11.91	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.14	1.22	1.16	4.54	ppb
Cadmium	106-1	-1.77	-2.69	-4.04	-2.83		ppb
Cadmium	108-1	1.32	1.01	1.20	1.18	13.57	ppb
Calcium	43-1	507.10	491.61	498.09	498.94	1.56	ppb
Calcium	44-1	499.94	490.75	499.19	496.63	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	2.00	1.86	1.91	4.18	ppb
Cobalt	59-2	1.00	1.01	1.02	1.01	0.82	ppb
Copper	63-2	1.90	1.84	1.92	1.89	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	50.03	52.21	55.55	52.60	5.28	ppb
Iron	56-2	50.72	51.43	51.67	51.27	0.96	ppb
Iron	57-2	54.00	48.26	51.88	51.38	5.65	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:01:27	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.82	0.92	0.83	0.86	6.14	ppb
Lead	207-1	0.83	0.84	0.99	0.89	9.80	ppb
Lead	208-1	0.86	0.91	0.89	0.88	2.56	ppb
Lithium	6-1				115		%
Magnesium	24-2	536.26	538.99	529.83	535.03	0.88	ppb
Manganese	55-2	0.99	0.98	0.99	0.99	0.65	ppb
Molybdenum	94-1	5.95	6.02	5.78	5.92	2.14	ppb
Molybdenum	95-1	5.09	5.08	4.95	5.04	1.58	ppb
Molybdenum	96-1	5.12	4.99	5.06	5.06	1.29	ppb
Molybdenum	97-1	5.47	5.06	5.05	5.19	4.59	ppb
Molybdenum	98-1	5.24	5.00	5.07	5.10	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.15	1.10	1.11	2.88	ppb
Phosphorus	31-2	7.30	22.17	17.83	15.77	48.48	ppb
Potassium	39-2	480.69	476.04	470.66	475.80	1.06	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	5.61	5.50	5.73	5.61	2.07	ppb
Selenium	77-2	3.55	5.15	5.70	4.80	23.24	ppb
Selenium	78-2	4.67	8.30	4.46	5.81	37.21	ppb
Silicon	28-1	1.01	1.10	1.24	1.12	10.49	ppb
Silver	107-1	1.06	1.16	1.12	1.11	4.41	ppb
Silver	109-1	1.12	1.07	1.13	1.11	3.03	ppb
Sodium	23-2	491.42	493.92	499.23	494.85	0.81	ppb
Strontium	86-1	0.95	0.99	1.04	0.99	4.52	ppb
Strontium	88-1	1.00	1.01	0.96	0.99	2.80	ppb
Sulfur	34-1	-40.30	-211.31	90.40	-53.74		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.91	0.88	0.95	0.91	3.82	ppb
Thallium	205-1	0.92	0.91	0.91	0.91	0.34	ppb
Tin	118-1	5.04	5.23	4.92	5.06	3.07	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:01:27	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.14	5.17	5.09	5.14	0.82	ppb
Uranium	238-1	0.86	0.86	0.82	0.85	2.67	ppb
Vanadium	51-2	5.01	4.68	4.78	4.82	3.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	1.96	2.38	2.22	2.19	9.56	ppb
Zirconium	90-1	0.94	0.96	1.00	0.97	2.98	ppb
Zirconium	91-1	0.90	0.95	0.94	0.93	3.25	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:04:34	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.75	20.00	19.32	20.02	3.57	ppb
Antimony	121-1	1.96	1.88	1.91	1.91	2.06	ppb
Arsenic	75-2	1.17	1.15	1.10	1.14	3.20	ppb
Barium	135-1	9.33	9.34	9.45	9.37	0.70	ppb
Barium	137-1	9.64	9.78	9.73	9.72	0.72	ppb
Beryllium	9-1	1.05	1.06	1.02	1.04	2.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	17.09	18.31	19.53	18.31	6.67	ppb
Boron	11-1	18.17	19.76	21.10	19.68	7.44	ppb
Bromine	81-1						cps
Cadmium	111-1	1.07	1.13	1.04	1.08	4.14	ppb
Cadmium	106-1	-1.68	-6.23	-5.86	-4.59		ppb
Cadmium	108-1	1.13	1.06	1.02	1.07	5.48	ppb
Calcium	43-1	486.81	493.40	488.50	489.57	0.70	ppb
Calcium	44-1	489.28	488.49	476.01	484.59	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.92	1.78	1.89	5.13	ppb
Cobalt	59-2	1.00	1.02	1.00	1.01	1.01	ppb
Copper	63-2	1.89	1.88	1.86	1.88	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				97		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	53.60	57.53	49.84	53.65	7.17	ppb
Iron	56-2	51.24	52.02	49.69	50.98	2.33	ppb
Iron	57-2	55.54	54.41	46.78	52.24	9.11	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:04:34	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	0.82	0.97	0.90	7.99	ppb
Lead	207-1	0.93	0.89	0.90	0.91	2.21	ppb
Lead	208-1	0.94	0.87	0.90	0.90	4.02	ppb
Lithium	6-1				115		%
Magnesium	24-2	547.50	546.74	499.27	531.17	5.20	ppb
Manganese	55-2	1.04	0.99	1.03	1.02	2.55	ppb
Molybdenum	94-1	5.49	5.49	5.37	5.45	1.21	ppb
Molybdenum	95-1	4.89	4.57	4.86	4.77	3.73	ppb
Molybdenum	96-1	4.91	4.92	4.83	4.89	0.93	ppb
Molybdenum	97-1	5.18	4.67	4.73	4.86	5.68	ppb
Molybdenum	98-1	4.86	4.78	4.55	4.73	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.08	0.96	1.03	6.11	ppb
Phosphorus	31-2	15.62	27.77	-7.14	12.08	146.61	ppb
Potassium	39-2	485.57	492.77	462.58	480.31	3.28	ppb
Rhodium	103-1				112		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				102		%
Selenium	82-1	4.99	4.89	4.87	4.92	1.31	ppb
Selenium	77-2	5.16	5.99	5.03	5.39	9.69	ppb
Selenium	78-2	5.94	4.87	4.85	5.22	11.98	ppb
Silicon	28-1	0.34	0.35	-0.49	0.07	717.74	ppb
Silver	107-1	1.08	1.08	1.07	1.08	0.52	ppb
Silver	109-1	1.06	1.04	1.04	1.05	0.85	ppb
Sodium	23-2	505.33	502.31	473.05	493.56	3.61	ppb
Strontium	86-1	0.87	0.91	0.99	0.92	6.33	ppb
Strontium	88-1	0.95	0.94	0.95	0.95	0.55	ppb
Sulfur	34-1	14.05	-209.46	-292.21	-162.54		ppb
Terbium	159-1				112		%
Terbium	159-2				97		%
Thallium	203-1	0.90	0.82	0.83	0.85	5.17	ppb
Thallium	205-1	0.88	0.87	0.88	0.88	0.82	ppb
Tin	118-1	4.92	4.62	4.74	4.76	3.24	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:04:34	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.94	4.83	4.97	4.91	1.43	ppb
Uranium	238-1	0.87	0.85	0.85	0.86	1.29	ppb
Vanadium	51-2	4.81	4.85	4.75	4.81	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	2.27	2.33	2.32	2.31	1.32	ppb
Zirconium	90-1	0.93	0.95	0.91	0.93	1.85	ppb
Zirconium	91-1	0.97	0.91	0.89	0.92	4.38	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:07:42	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.03	21.42	20.41	20.62	3.47	ppb
Antimony	121-1	2.01	2.07	1.88	1.99	4.78	ppb
Arsenic	75-2	1.13	1.27	1.08	1.16	8.40	ppb
Barium	135-1	9.85	9.73	9.48	9.69	1.92	ppb
Barium	137-1	10.04	10.45	9.30	9.93	5.83	ppb
Beryllium	9-1	1.05	1.02	1.07	1.05	2.52	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	18.44	19.93	20.22	19.53	4.90	ppb
Boron	11-1	18.90	20.65	21.45	20.33	6.42	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.23	1.01	1.12	9.71	ppb
Cadmium	106-1	-3.00	-0.74	-4.72	-2.82		ppb
Cadmium	108-1	1.35	1.46	1.05	1.29	16.39	ppb
Calcium	43-1	493.39	477.04	497.05	489.16	2.18	ppb
Calcium	44-1	489.37	475.82	493.54	486.24	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.96	1.87	1.90	2.75	ppb
Cobalt	59-2	0.99	1.07	0.98	1.01	4.66	ppb
Copper	63-2	1.98	2.01	1.92	1.97	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	54.73	54.98	53.76	54.49	1.18	ppb
Iron	56-2	52.58	53.32	50.57	52.16	2.73	ppb
Iron	57-2	51.45	53.65	48.64	51.25	4.90	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:07:42	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	1.03	0.89	0.92	9.94	ppb
Lead	207-1	0.86	0.89	0.93	0.89	4.05	ppb
Lead	208-1	0.86	0.94	0.91	0.90	4.12	ppb
Lithium	6-1				115		%
Magnesium	24-2	543.11	540.22	524.06	535.79	1.92	ppb
Manganese	55-2	1.03	1.02	0.98	1.01	2.60	ppb
Molybdenum	94-1	6.01	5.74	5.53	5.76	4.13	ppb
Molybdenum	95-1	4.93	4.78	4.63	4.78	3.10	ppb
Molybdenum	96-1	5.17	5.01	4.63	4.94	5.72	ppb
Molybdenum	97-1	4.89	4.72	4.92	4.84	2.16	ppb
Molybdenum	98-1	5.15	4.96	4.80	4.97	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.15	1.16	1.13	3.91	ppb
Phosphorus	31-2	13.85	10.05	19.27	14.39	32.21	ppb
Potassium	39-2	472.86	478.27	468.72	473.28	1.01	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				103		%
Selenium	82-1	6.05	5.62	5.27	5.65	6.89	ppb
Selenium	77-2	4.52	4.08	6.15	4.92	22.15	ppb
Selenium	78-2	6.36	6.40	6.13	6.30	2.30	ppb
Silicon	28-1	-0.28	-0.39	-0.01	-0.23		ppb
Silver	107-1	0.95	1.11	1.11	1.06	8.87	ppb
Silver	109-1	1.10	1.11	1.09	1.10	0.60	ppb
Sodium	23-2	488.88	493.86	486.23	489.66	0.79	ppb
Strontium	86-1	0.94	1.16	1.03	1.04	10.60	ppb
Strontium	88-1	0.97	0.97	0.97	0.97	0.30	ppb
Sulfur	34-1	75.62	-282.07	-319.50	-175.32		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.87	0.83	0.94	0.88	6.72	ppb
Thallium	205-1	0.83	0.91	0.93	0.89	5.96	ppb
Tin	118-1	5.03	5.15	4.76	4.98	4.00	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:07:42	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.13	5.32	5.06	5.17	2.63	ppb
Uranium	238-1	0.84	0.85	0.87	0.85	1.97	ppb
Vanadium	51-2	5.11	4.93	4.78	4.94	3.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	2.01	2.19	2.05	2.08	4.55	ppb
Zirconium	90-1	0.99	0.99	0.92	0.97	4.38	ppb
Zirconium	91-1	0.98	0.91	0.88	0.92	5.68	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:13:57	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	20.81	20.71	20.44	2.78	ppb
Antimony	121-1	2.15	1.97	2.04	2.05	4.38	ppb
Arsenic	75-2	1.16	1.04	1.03	1.07	6.55	ppb
Barium	135-1	9.71	9.22	9.88	9.60	3.55	ppb
Barium	137-1	9.97	9.96	9.84	9.92	0.73	ppb
Beryllium	9-1	1.06	1.06	1.06	1.06	0.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	18.84	19.43	19.47	19.25	1.83	ppb
Boron	11-1	20.18	21.21	20.98	20.79	2.60	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.06	1.04	1.06	2.48	ppb
Cadmium	106-1	-3.94	-5.39	-0.99	-3.44		ppb
Cadmium	108-1	1.49	1.11	1.24	1.28	14.93	ppb
Calcium	43-1	520.87	500.13	480.54	500.51	4.03	ppb
Calcium	44-1	494.68	496.96	476.13	489.26	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.90	1.93	1.91	1.28	ppb
Cobalt	59-2	1.00	0.96	1.05	1.00	4.45	ppb
Copper	63-2	1.86	1.83	1.88	1.86	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	54-2	51.48	53.16	49.57	51.40	3.50	ppb
Iron	56-2	51.20	51.80	50.98	51.32	0.82	ppb
Iron	57-2	47.68	50.41	52.07	50.05	4.43	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:13:57	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.83	0.85	0.84	1.25	ppb
Lead	207-1	0.91	0.85	0.87	0.88	3.25	ppb
Lead	208-1	0.87	0.87	0.86	0.87	0.50	ppb
Lithium	6-1				116		%
Magnesium	24-2	528.91	517.09	526.32	524.11	1.19	ppb
Manganese	55-2	1.05	1.14	0.97	1.06	7.82	ppb
Molybdenum	94-1	5.66	5.68	5.64	5.66	0.34	ppb
Molybdenum	95-1	4.70	4.82	4.72	4.75	1.39	ppb
Molybdenum	96-1	5.13	4.96	4.74	4.94	3.90	ppb
Molybdenum	97-1	4.88	4.70	4.95	4.85	2.64	ppb
Molybdenum	98-1	4.80	4.64	4.92	4.78	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.05	1.03	1.02	2.39	ppb
Phosphorus	31-2	32.65	19.71	15.08	22.48	40.52	ppb
Potassium	39-2	460.35	466.93	471.51	466.27	1.20	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	82-1	5.77	5.14	5.56	5.49	5.88	ppb
Selenium	77-2	5.22	6.04	4.08	5.11	19.25	ppb
Selenium	78-2	5.04	4.63	5.25	4.97	6.43	ppb
Silicon	28-1	1.21	0.58	-0.26	0.51	143.90	ppb
Silver	107-1	1.15	1.05	1.06	1.09	5.09	ppb
Silver	109-1	1.05	1.09	1.09	1.08	1.70	ppb
Sodium	23-2	479.59	479.96	486.79	482.11	0.84	ppb
Strontium	86-1	0.98	0.86	1.03	0.96	9.32	ppb
Strontium	88-1	0.94	0.96	0.98	0.96	2.07	ppb
Sulfur	34-1	217.25	99.07	-425.95	-36.54		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.94	0.83	0.87	0.88	6.11	ppb
Thallium	205-1	0.85	0.93	0.93	0.90	5.28	ppb
Tin	118-1	4.94	4.59	4.98	4.84	4.39	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:13:57	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.20	5.36	4.90	5.15	4.48	ppb
Uranium	238-1	0.85	0.81	0.85	0.84	2.90	ppb
Vanadium	51-2	4.81	5.00	4.91	4.91	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	2.10	2.08	2.10	2.10	0.54	ppb
Zirconium	90-1	0.96	0.91	0.96	0.94	3.25	ppb
Zirconium	91-1	0.86	0.93	0.95	0.91	5.03	ppb

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : N3214-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 16:17:04 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.75	5.26	4.94	5.32	7.69	ppb
Antimony	121-1	0.25	0.26	0.32	0.28	13.69	ppb
Arsenic	75-2	0.26	0.24	0.33	0.27	16.96	ppb
Barium	135-1	1.15	1.42	1.25	1.27	11.07	ppb
Barium	137-1	1.25	1.21	1.24	1.23	1.85	ppb
Beryllium	9-1	0.25	0.24	0.25	0.25	0.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	3.44	3.12	3.28	3.28	4.80	ppb
Boron	11-1	3.51	3.33	3.37	3.40	2.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.24	0.21	0.24	11.88	ppb
Cadmium	106-1	-1.82	-2.65	-5.99	-3.49		ppb
Cadmium	108-1	0.28	0.21	0.35	0.28	24.21	ppb
Calcium	43-1	22.79	22.72	22.29	22.60	1.20	ppb
Calcium	44-1	16.89	17.50	15.69	16.69	5.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.23	0.24	0.24	4.77	ppb
Cobalt	59-2	0.25	0.27	0.25	0.26	3.81	ppb
Copper	63-2	0.29	0.30	0.30	0.30	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	54-2	12.41	13.52	11.98	12.64	6.32	ppb
Iron	56-2	12.68	12.90	12.96	12.85	1.12	ppb
Iron	57-2	13.64	12.59	13.55	13.26	4.40	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:17:04	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.23	0.24	0.23	5.14	ppb
Lead	207-1	0.22	0.24	0.22	0.23	5.03	ppb
Lead	208-1	0.21	0.24	0.21	0.22	7.07	ppb
Lithium	6-1				117		%
Magnesium	24-2	27.60	28.23	27.52	27.79	1.40	ppb
Manganese	55-2	0.48	0.50	0.51	0.49	3.22	ppb
Molybdenum	94-1	1.31	1.37	1.42	1.37	3.90	ppb
Molybdenum	95-1	1.22	1.24	1.25	1.24	1.28	ppb
Molybdenum	96-1	1.30	1.26	1.27	1.28	1.62	ppb
Molybdenum	97-1	1.29	1.30	1.24	1.28	2.55	ppb
Molybdenum	98-1	1.22	1.18	1.23	1.21	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.27	0.31	0.28	10.89	ppb
Phosphorus	31-2	-19.45	-19.38	15.03	-7.93		ppb
Potassium	39-2	12.25	7.91	7.09	9.08	30.52	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				101		%
Selenium	82-1	2.36	2.19	2.45	2.33	5.56	ppb
Selenium	77-2	2.94	3.09	4.07	3.37	18.20	ppb
Selenium	78-2	1.70	1.98	2.06	1.91	9.78	ppb
Silicon	28-1	-1.06	-1.92	-2.20	-1.73		ppb
Silver	107-1	0.26	0.27	0.27	0.27	2.89	ppb
Silver	109-1	0.24	0.28	0.24	0.25	7.19	ppb
Sodium	23-2	21.74	20.62	17.85	20.07	9.98	ppb
Strontium	86-1	0.25	0.24	0.11	0.20	39.20	ppb
Strontium	88-1	0.26	0.23	0.25	0.25	5.52	ppb
Sulfur	34-1	-178.11	-326.14	-195.73	-233.33		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.20	0.18	0.20	0.19	5.45	ppb
Thallium	205-1	0.18	0.20	0.20	0.19	5.86	ppb
Tin	118-1	-0.28	-0.27	-0.43	-0.33		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:17:04	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.11	1.35	1.27	1.24	9.68	ppb
Uranium	238-1	0.20	0.22	0.22	0.22	4.57	ppb
Vanadium	51-2	0.23	0.22	0.23	0.23	3.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	0.40	0.45	0.49	0.45	9.39	ppb
Zirconium	90-1	0.26	0.24	0.22	0.24	7.91	ppb
Zirconium	91-1	0.23	0.24	0.26	0.25	6.68	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:20:13	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.70	20.15	19.17	20.01	3.88	ppb
Antimony	121-1	1.94	1.92	1.85	1.90	2.38	ppb
Arsenic	75-2	1.06	1.09	1.03	1.06	2.90	ppb
Barium	135-1	9.28	9.59	9.25	9.37	2.00	ppb
Barium	137-1	9.74	9.71	9.78	9.74	0.36	ppb
Beryllium	9-1	0.99	1.06	1.01	1.02	3.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	17.04	19.80	18.78	18.54	7.52	ppb
Boron	11-1	18.01	20.24	20.27	19.51	6.67	ppb
Bromine	81-1						cps
Cadmium	111-1	1.19	1.17	1.07	1.14	5.46	ppb
Cadmium	106-1	-2.64	-5.61	-3.15	-3.80		ppb
Cadmium	108-1	0.92	1.11	1.07	1.03	9.72	ppb
Calcium	43-1	454.36	495.83	474.89	475.03	4.36	ppb
Calcium	44-1	465.78	491.48	481.40	479.55	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.86	1.88	1.89	2.02	ppb
Cobalt	59-2	1.00	0.97	1.01	0.99	2.19	ppb
Copper	63-2	1.84	1.82	1.83	1.83	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				107		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	52.74	50.02	54.62	52.46	4.41	ppb
Iron	56-2	49.79	49.91	51.69	50.46	2.11	ppb
Iron	57-2	53.13	53.59	52.99	53.24	0.58	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:20:13	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.83	0.87	0.87	0.86	2.92	ppb
Lead	207-1	0.84	0.84	0.86	0.85	1.54	ppb
Lead	208-1	0.86	0.85	0.89	0.87	2.32	ppb
Lithium	6-1				115		%
Magnesium	24-2	546.49	529.10	542.98	539.53	1.70	ppb
Manganese	55-2	0.99	0.92	1.02	0.98	5.16	ppb
Molybdenum	94-1	5.73	5.73	5.76	5.74	0.28	ppb
Molybdenum	95-1	4.93	4.92	4.91	4.92	0.27	ppb
Molybdenum	96-1	4.96	4.98	4.72	4.89	3.01	ppb
Molybdenum	97-1	4.77	4.93	4.96	4.89	2.05	ppb
Molybdenum	98-1	4.89	5.12	4.90	4.97	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	0.98	1.20	1.09	10.08	ppb
Phosphorus	31-2	23.84	5.50	6.92	12.08	84.44	ppb
Potassium	39-2	469.88	471.18	472.25	471.10	0.25	ppb
Rhodium	103-1				109		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				101		%
Selenium	82-1	4.94	5.41	5.71	5.35	7.24	ppb
Selenium	77-2	1.53	7.07	4.01	4.20	66.13	ppb
Selenium	78-2	4.91	3.99	5.13	4.68	12.88	ppb
Silicon	28-1	-1.59	-0.88	-0.04	-0.84		ppb
Silver	107-1	1.12	1.11	1.01	1.08	5.33	ppb
Silver	109-1	1.00	1.05	1.07	1.04	3.20	ppb
Sodium	23-2	505.14	481.27	505.61	497.34	2.80	ppb
Strontium	86-1	1.01	1.03	0.99	1.01	1.64	ppb
Strontium	88-1	0.93	0.93	0.97	0.94	2.26	ppb
Sulfur	34-1	-522.99	86.31	-172.05	-202.91		ppb
Terbium	159-1				110		%
Terbium	159-2				96		%
Thallium	203-1	0.81	0.86	0.82	0.83	3.00	ppb
Thallium	205-1	0.90	0.92	0.86	0.89	3.42	ppb
Tin	118-1	5.09	4.94	4.91	4.98	1.95	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:20:13	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	5.13	5.03	4.99	3.36	ppb
Uranium	238-1	0.83	0.85	0.86	0.85	2.00	ppb
Vanadium	51-2	4.65	4.84	4.82	4.77	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	2.04	2.28	2.26	2.19	5.99	ppb
Zirconium	90-1	0.95	0.97	0.95	0.96	1.32	ppb
Zirconium	91-1	0.83	0.97	0.93	0.91	8.01	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:26:28	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48912.84	52832.80	50957.27	50900.97	3.85	ppb
Antimony	121-1	494.95	516.93	508.05	506.64	2.18	ppb
Arsenic	75-2	471.36	479.46	477.00	475.94	0.87	ppb
Barium	135-1	2550.33	2739.70	2511.00	2600.34	4.70	ppb
Barium	137-1	2655.67	2751.94	2626.22	2677.94	2.46	ppb
Beryllium	9-1	492.55	512.48	522.30	509.11	2.98	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	771.19	829.86	900.90	833.98	7.79	ppb
Boron	11-1	748.06	825.31	871.00	814.79	7.63	ppb
Bromine	81-1						cps
Cadmium	111-1	513.86	529.27	520.20	521.11	1.49	ppb
Cadmium	106-1	515.79	536.41	525.56	525.92	1.96	ppb
Cadmium	108-1	520.85	546.78	529.49	532.38	2.48	ppb
Calcium	43-1	260053.33	278577.74	274487.75	271039.61	3.59	ppb
Calcium	44-1	247735.40	266472.60	272827.31	262345.11	4.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.67	481.56	497.07	485.43	2.11	ppb
Cobalt	59-2	489.84	503.54	507.76	500.38	1.87	ppb
Copper	63-2	4972.50	4988.10	5207.55	5056.05	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	54-2	124848.38	129498.98	128295.98	127547.78	1.89	ppb
Iron	56-2	126109.03	130526.95	131379.93	129338.64	2.19	ppb
Iron	57-2	125066.62	126770.08	129607.20	127147.96	1.80	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:26:28	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2707.27	2692.48	2822.22	2740.65	2.59	ppb
Lead	207-1	2659.18	2648.83	2750.08	2686.03	2.07	ppb
Lead	208-1	2644.44	2656.46	2811.46	2704.12	3.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	255560.38	263335.98	255878.22	258258.19	1.70	ppb
Manganese	55-2	4807.51	5038.48	5012.55	4952.85	2.55	ppb
Molybdenum	94-1	5249.03	5304.33	5465.76	5339.71	2.11	ppb
Molybdenum	95-1	5085.58	5228.97	5327.68	5214.08	2.33	ppb
Molybdenum	96-1	5402.97	5433.86	5556.02	5464.28	1.48	ppb
Molybdenum	97-1	5359.59	5394.99	5513.49	5422.69	1.49	ppb
Molybdenum	98-1	5015.71	5293.65	5384.07	5231.14	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.19	518.56	517.87	514.21	1.35	ppb
Phosphorus	31-2	9677.80	10119.49	9991.16	9929.49	2.29	ppb
Potassium	39-2	120021.90	125462.71	121419.00	122301.20	2.31	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	533.12	546.41	552.38	543.97	1.81	ppb
Selenium	77-2	521.20	529.53	494.95	515.23	3.50	ppb
Selenium	78-2	512.74	528.16	501.54	514.15	2.60	ppb
Silicon	28-1	1482.13	1590.52	1578.31	1550.32	3.83	ppb
Silver	107-1	523.49	530.70	530.22	528.14	0.76	ppb
Silver	109-1	524.05	556.69	535.92	538.88	3.07	ppb
Sodium	23-2	247549.20	259995.98	257344.78	254963.32	2.57	ppb
Strontium	86-1	13304.21	13510.24	13670.64	13495.03	1.36	ppb
Strontium	88-1	12985.40	13262.72	13431.33	13226.48	1.70	ppb
Sulfur	34-1	10136.20	11516.16	11622.93	11091.76	7.48	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	555.77	559.07	587.02	567.29	3.03	ppb
Thallium	205-1	530.71	548.12	563.62	547.48	3.01	ppb
Tin	118-1	524.27	552.13	517.13	531.18	3.48	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:26:28	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5271.50	5428.15	5383.55	5361.07	1.51	ppb
Uranium	238-1	506.06	549.40	574.06	543.18	6.34	ppb
Vanadium	51-2	478.92	501.64	495.99	492.18	2.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4608.63	4833.09	4988.09	4809.94	3.97	ppb
Zirconium	90-1	507.65	514.99	550.83	524.49	4.40	ppb
Zirconium	91-1	523.67	529.59	535.86	529.70	1.15	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:31:40	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	0.61	0.22	0.50	49.36	ppb
Antimony	121-1	0.08	0.10	0.15	0.11	30.99	ppb
Arsenic	75-2	0.00	0.03	0.02	0.02	77.04	ppb
Barium	135-1	0.02	0.02	0.05	0.03	51.93	ppb
Barium	137-1	0.05	0.01	0.03	0.03	76.63	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	19.81	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	34.75	31.60	30.35	32.24	7.04	ppb
Boron	11-1	36.95	33.72	32.42	34.36	6.80	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.04	-0.02	-0.03		ppb
Cadmium	106-1	-3.88	-7.02	-8.23	-6.37		ppb
Cadmium	108-1	0.30	0.49	0.14	0.31	56.52	ppb
Calcium	43-1	2.46	-2.20	0.52	0.26	901.95	ppb
Calcium	44-1	-3.01	-7.03	-5.20	-5.08		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.03	0.01	256.95	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	50.61	ppb
Copper	63-2	-0.09	-0.14	-0.15	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				97		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	54-2	1.22	-0.47	-0.20	0.18	494.91	ppb
Iron	56-2	1.17	0.21	0.84	0.74	65.81	ppb
Iron	57-2	0.06	0.45	0.16	0.22	89.45	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:31:40	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.01	0.04	0.03	62.01	ppb
Lead	207-1	0.04	0.00	-0.01	0.01	233.24	ppb
Lead	208-1	0.06	0.01	0.02	0.03	102.34	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.50	1.23	2.17	1.97	33.55	ppb
Manganese	55-2	0.07	0.01	0.04	0.04	68.87	ppb
Molybdenum	94-1	0.22	0.13	0.12	0.16	33.85	ppb
Molybdenum	95-1	0.27	0.17	0.21	0.21	24.10	ppb
Molybdenum	96-1	0.27	0.14	0.15	0.19	39.29	ppb
Molybdenum	97-1	0.25	0.12	0.17	0.18	35.76	ppb
Molybdenum	98-1	0.26	0.16	0.19	0.20	24.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.00	0.01	86.55	ppb
Phosphorus	31-2	-28.63	-20.26	13.25	-11.88		ppb
Potassium	39-2	3.37	3.86	-3.80	1.14	375.29	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	82-1	0.39	0.27	-0.04	0.21	104.96	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.49	-1.39	-0.41	-1.10		ppb
Silicon	28-1	-0.54	-2.56	-1.04	-1.38		ppb
Silver	107-1	0.03	0.01	0.01	0.02	64.65	ppb
Silver	109-1	0.01	0.01	0.00	0.01	48.46	ppb
Sodium	23-2	12.53	7.12	8.93	9.53	28.90	ppb
Strontium	86-1	0.14	0.02	0.05	0.07	97.23	ppb
Strontium	88-1	0.19	0.03	0.09	0.10	79.58	ppb
Sulfur	34-1	-856.69	-1324.31	-1203.90	-1128.30		ppb
Terbium	159-1				109		%
Terbium	159-2				95		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.03	-0.02	-0.01	-0.02		ppb
Tin	118-1	-0.59	-0.57	-0.54	-0.57		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:31:40	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.05	-0.03	-0.03		ppb
Uranium	238-1	0.01	0.00	0.00	0.01	99.34	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	269.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	0.16	0.05	0.03	0.08	86.82	ppb
Zirconium	90-1	0.01	-0.01	0.01	0.01	183.27	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	110.97	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BL	Instrumnet Name :	P8
Client Sample ID :	PBW534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:14:21	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.28	-2.30	-2.38	-2.32		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.21	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	225.83	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	474.32	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	1.88	2.00	1.83	1.90	4.48	ppb
Boron	11-1	2.18	2.08	1.91	2.06	6.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.01	-0.04	-0.03		ppb
Cadmium	106-1	-4.33	-4.36	-4.82	-4.50		ppb
Cadmium	108-1	0.06	0.03	0.33	0.14	118.11	ppb
Calcium	43-1	-7.98	-9.10	-8.75	-8.61		ppb
Calcium	44-1	-16.26	-15.94	-16.04	-16.08		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	120.34	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	19.43	ppb
Copper	63-2	-0.27	-0.28	-0.28	-0.27		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	-0.44	-0.06	-0.82	-0.44		ppb
Iron	56-2	0.07	-0.26	0.03	-0.05		ppb
Iron	57-2	0.24	0.40	0.52	0.39	36.51	ppb

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : PB149534BL Instrumnet Name : P8
 Client Sample ID : PBW534 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 17:14:21 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.03	-0.02		ppb
Lead	207-1	0.00	-0.06	-0.01	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				113		%
Magnesium	24-2	-0.30	-0.17	-0.45	-0.30		ppb
Manganese	55-2	0.07	0.07	0.08	0.07	5.67	ppb
Molybdenum	94-1	0.00	-0.02	0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	455.88	ppb
Molybdenum	96-1	-0.02	0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	22.69	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.02	0.03	44.23	ppb
Phosphorus	31-2	-13.78	-17.89	-13.06	-14.91		ppb
Potassium	39-2	-12.19	-13.29	-15.16	-13.55		ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	-0.47	0.08	0.04	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	-0.95	-1.12	-0.82		ppb
Silicon	28-1	-3.44	-2.76	-3.22	-3.14		ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-31.43	-32.71	-34.08	-32.74		ppb
Strontium	86-1	-0.07	-0.08	-0.11	-0.09		ppb
Strontium	88-1	-0.04	-0.04	-0.04	-0.04		ppb
Sulfur	34-1	-551.92	-291.83	-281.56	-375.10		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	-0.04	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	2.20	1.47	1.49	1.72	24.42	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BL	Instrumnet Name :	P8
Client Sample ID :	PBW534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:14:21	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	-0.01	0.05	0.04	111.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	0.61	0.81	0.59	0.67	18.23	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BS	Instrumnet Name :	P8
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:17:27	DataFile Name :	043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.80	37.54	38.13	37.49	1.78	ppb
Antimony	121-1	3.57	3.88	3.49	3.64	5.66	ppb
Arsenic	75-2	2.07	2.13	2.16	2.12	2.36	ppb
Barium	135-1	18.15	19.34	17.46	18.32	5.20	ppb
Barium	137-1	17.68	18.85	18.33	18.29	3.22	ppb
Beryllium	9-1	1.82	1.87	1.84	1.84	1.27	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	29.85	34.30	32.82	32.32	7.00	ppb
Boron	11-1	32.08	36.48	35.84	34.80	6.82	ppb
Bromine	81-1						cps
Cadmium	111-1	2.04	2.17	2.06	2.09	3.26	ppb
Cadmium	106-1	-3.62	-3.29	-4.20	-3.70		ppb
Cadmium	108-1	2.27	2.43	2.32	2.34	3.51	ppb
Calcium	43-1	873.43	939.34	891.39	901.38	3.78	ppb
Calcium	44-1	859.94	941.08	904.74	901.92	4.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.64	3.88	3.99	3.84	4.62	ppb
Cobalt	59-2	1.90	2.07	2.07	2.01	4.80	ppb
Copper	63-2	3.53	3.80	3.74	3.69	3.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	54-2	374.67	395.40	387.96	386.01	2.72	ppb
Iron	56-2	378.19	395.81	397.74	390.58	2.76	ppb
Iron	57-2	374.01	400.99	390.02	388.34	3.49	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BS	Instrumnet Name :	P8
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:17:27	DataFile Name :	043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.57	1.88	1.74	1.73	8.94	ppb
Lead	207-1	1.54	1.88	1.69	1.70	9.87	ppb
Lead	208-1	1.56	1.88	1.71	1.71	9.38	ppb
Lithium	6-1				118		%
Magnesium	24-2	993.60	1049.65	1011.31	1018.19	2.81	ppb
Manganese	55-2	1.93	2.16	2.11	2.06	5.80	ppb
Molybdenum	94-1	5.04	5.37	4.99	5.13	3.98	ppb
Molybdenum	95-1	2.02	2.07	2.01	2.03	1.72	ppb
Molybdenum	96-1	2.35	2.39	2.40	2.38	0.98	ppb
Molybdenum	97-1	2.15	2.28	2.13	2.19	3.65	ppb
Molybdenum	98-1	2.05	2.12	2.01	2.06	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.16	2.20	2.15	2.96	ppb
Phosphorus	31-2	-8.58	14.11	-6.91	-0.46		ppb
Potassium	39-2	873.58	910.74	920.09	901.47	2.73	ppb
Rhodium	103-1				111		%
Rhodium	103-2				101		%
Scandium	45-1				114		%
Scandium	45-2				100		%
Selenium	82-1	10.20	10.94	10.05	10.40	4.57	ppb
Selenium	77-2	9.81	14.04	14.49	12.78	20.20	ppb
Selenium	78-2	10.99	7.42	9.39	9.26	19.32	ppb
Silicon	28-1	-0.37	1.60	1.48	0.90	122.53	ppb
Silver	107-1	2.01	2.03	1.92	1.98	2.89	ppb
Silver	109-1	1.89	2.10	1.94	1.98	5.52	ppb
Sodium	23-2	902.03	924.64	920.57	915.74	1.32	ppb
Strontium	86-1	1.89	2.03	1.77	1.90	6.67	ppb
Strontium	88-1	1.89	1.94	1.88	1.90	1.67	ppb
Sulfur	34-1	-1090.91	-176.29	-719.55	-662.25		ppb
Terbium	159-1				111		%
Terbium	159-2				99		%
Thallium	203-1	1.70	1.86	1.61	1.72	7.47	ppb
Thallium	205-1	1.57	1.82	1.74	1.71	7.43	ppb
Tin	118-1	1.39	1.47	1.81	1.56	14.53	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BS	Instrumnet Name :	P8
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:17:27	DataFile Name :	043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.61	9.51	9.09	9.07	4.96	ppb
Uranium	238-1	1.53	1.68	1.64	1.62	4.70	ppb
Vanadium	51-2	8.85	9.31	9.40	9.19	3.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	10.69	10.82	11.14	10.88	2.11	ppb
Zirconium	90-1	1.78	1.95	1.89	1.87	4.52	ppb
Zirconium	91-1	1.81	1.86	1.84	1.84	1.21	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BL	Instrumnet Name :	P8
Client Sample ID :	PBS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:20:36	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.26	-2.10	-2.47	-2.27		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	25.69	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.01	0.00	0.00	576.07	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	4.08	3.73	3.48	3.77	8.02	ppb
Boron	11-1	4.49	4.17	3.58	4.08	11.32	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-3.68	-5.85	-5.67	-5.06		ppb
Cadmium	108-1	-0.04	0.09	0.05	0.03	199.59	ppb
Calcium	43-1	-8.71	-9.05	-8.30	-8.68		ppb
Calcium	44-1	-15.97	-15.79	-16.51	-16.09		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	-0.01	0.01	363.54	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	172.11	ppb
Copper	63-2	-0.22	-0.24	-0.28	-0.25		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				109		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	-1.40	-0.11	-0.26	-0.59		ppb
Iron	56-2	0.07	0.03	0.10	0.06	55.68	ppb
Iron	57-2	-0.75	0.74	-0.53	-0.18		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BL	Instrumnet Name :	P8
Client Sample ID :	PBS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:20:36	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	-0.03	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1				117		%
Magnesium	24-2	-0.30	-0.36	-0.77	-0.47		ppb
Manganese	55-2	0.11	0.09	0.07	0.09	24.71	ppb
Molybdenum	94-1	0.03	0.01	0.00	0.01	87.51	ppb
Molybdenum	95-1	0.00	0.00	0.02	0.01	97.98	ppb
Molybdenum	96-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	52.99	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	508.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.01	0.02	55.00	ppb
Phosphorus	31-2	-16.85	-23.79	-26.57	-22.40		ppb
Potassium	39-2	-8.41	-11.74	-7.87	-9.34		ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	82-1	-0.19	0.02	0.21	0.01	1549.72	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.44	-1.18	-0.75		ppb
Silicon	28-1	-3.05	-3.79	-4.99	-3.94		ppb
Silver	107-1	0.00	0.01	0.00	0.01	65.06	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-33.55	-33.54	-33.91	-33.66		ppb
Strontium	86-1	-0.10	-0.10	-0.08	-0.09		ppb
Strontium	88-1	-0.04	-0.04	-0.03	-0.04		ppb
Sulfur	34-1	-517.11	-332.38	-657.24	-502.24		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	-0.03	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.06	-0.05	-0.05	-0.05		ppb
Tin	118-1	1.48	1.60	1.61	1.56	4.50	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BL	Instrumnet Name :	P8
Client Sample ID :	PBS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:20:36	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.01	-0.06	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	0.85	0.72	0.77	0.78	8.57	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	202.07	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:23:43	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.86	37.61	37.55	38.01	1.95	ppb
Antimony	121-1	3.66	3.94	3.69	3.76	4.09	ppb
Arsenic	75-2	2.06	2.30	2.22	2.19	5.71	ppb
Barium	135-1	17.28	19.15	18.10	18.17	5.16	ppb
Barium	137-1	18.48	19.06	18.04	18.53	2.75	ppb
Beryllium	9-1	1.91	1.92	1.85	1.89	2.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	32.85	34.95	35.71	34.51	4.30	ppb
Boron	11-1	34.34	38.05	36.69	36.36	5.16	ppb
Bromine	81-1						cps
Cadmium	111-1	2.01	2.28	1.90	2.06	9.52	ppb
Cadmium	106-1	-2.95	-1.62	-4.95	-3.17		ppb
Cadmium	108-1	2.01	1.90	1.80	1.90	5.60	ppb
Calcium	43-1	930.04	961.85	941.33	944.41	1.71	ppb
Calcium	44-1	943.53	943.39	927.92	938.28	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.93	3.78	3.82	3.84	2.00	ppb
Cobalt	59-2	1.97	1.90	1.93	1.93	1.65	ppb
Copper	63-2	3.67	3.87	3.69	3.75	2.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				98		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	401.15	386.62	393.05	393.61	1.85	ppb
Iron	56-2	401.94	387.80	390.24	393.33	1.92	ppb
Iron	57-2	405.47	371.59	383.33	386.80	4.45	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:23:43	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.63	1.75	1.77	1.72	4.48	ppb
Lead	207-1	1.74	1.79	1.67	1.73	3.38	ppb
Lead	208-1	1.70	1.78	1.72	1.73	2.35	ppb
Lithium	6-1				115		%
Magnesium	24-2	1067.68	1014.08	1022.19	1034.65	2.79	ppb
Manganese	55-2	2.01	1.90	2.12	2.01	5.40	ppb
Molybdenum	94-1	5.08	5.32	5.08	5.16	2.74	ppb
Molybdenum	95-1	2.23	2.19	2.12	2.18	2.44	ppb
Molybdenum	96-1	2.56	2.65	2.31	2.51	6.92	ppb
Molybdenum	97-1	2.16	2.40	2.05	2.20	8.00	ppb
Molybdenum	98-1	2.05	2.19	2.11	2.12	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.16	2.24	2.16	3.81	ppb
Phosphorus	31-2	24.04	-0.17	13.21	12.36	98.09	ppb
Potassium	39-2	938.14	903.00	905.47	915.54	2.14	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				100		%
Selenium	82-1	10.51	10.74	11.25	10.83	3.46	ppb
Selenium	77-2	8.52	11.32	10.16	10.00	14.05	ppb
Selenium	78-2	11.05	11.34	11.06	11.15	1.45	ppb
Silicon	28-1	1.69	2.32	1.94	1.98	15.85	ppb
Silver	107-1	1.82	2.17	1.88	1.96	9.48	ppb
Silver	109-1	1.96	2.07	1.96	2.00	3.17	ppb
Sodium	23-2	967.04	929.22	923.49	939.92	2.52	ppb
Strontium	86-1	1.84	1.98	1.84	1.89	4.24	ppb
Strontium	88-1	1.90	1.92	1.87	1.90	1.13	ppb
Sulfur	34-1	-406.66	-315.31	-205.00	-308.99		ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	1.68	1.69	1.68	1.68	0.39	ppb
Thallium	205-1	1.68	1.73	1.75	1.72	2.12	ppb
Tin	118-1	1.74	1.62	1.35	1.57	12.81	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:23:43	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.02	9.84	9.28	9.38	4.46	ppb
Uranium	238-1	1.55	1.57	1.63	1.58	2.70	ppb
Vanadium	51-2	9.58	9.15	9.19	9.31	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				95		%
Zinc	66-2	10.97	11.09	10.45	10.84	3.13	ppb
Zirconium	90-1	1.89	1.97	1.79	1.88	4.67	ppb
Zirconium	91-1	1.84	1.90	1.91	1.88	2.02	ppb

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : PB145583BL Instrumnet Name : P8
 Client Sample ID : PB145583BL Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 17:26:52 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.13	0.29	0.22	37.73	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.11	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.03	0.01	0.01	126.34	ppb
Barium	137-1	0.02	-0.01	0.00	0.00	478.13	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	4.25	3.85	3.80	3.97	6.30	ppb
Boron	11-1	4.44	4.13	4.03	4.20	5.09	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.02	-0.03		ppb
Cadmium	106-1	-7.38	-4.81	-4.44	-5.55		ppb
Cadmium	108-1	0.05	0.09	0.05	0.07	38.20	ppb
Calcium	43-1	-2.40	-1.53	-0.95	-1.63		ppb
Calcium	44-1	-8.80	-8.84	-9.35	-8.99		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	178.42	ppb
Copper	63-2	-0.19	-0.26	-0.19	-0.21		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	-0.31	-0.60	0.29	-0.20		ppb
Iron	56-2	-0.12	-0.26	-0.12	-0.17		ppb
Iron	57-2	-1.28	-0.62	-0.29	-0.73		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BL	Instrumnet Name :	P8
Client Sample ID :	PB145583BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:26:52	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.00	-0.03	-0.02		ppb
Lead	207-1	-0.04	-0.03	-0.01	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				117		%
Magnesium	24-2	0.00	0.09	0.25	0.11	112.18	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.04	0.02	0.03	34.36	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	49.10	ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	105.41	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	5380.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00		ppb
Phosphorus	31-2	4.67	-4.74	6.18	2.04	290.32	ppb
Potassium	39-2	-7.87	-7.65	-7.71	-7.75		ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				100		%
Selenium	82-1	-0.14	-0.03	0.31	0.04	532.36	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	-1.15	0.08	-0.43		ppb
Silicon	28-1	-1.44	-2.03	-2.71	-2.06		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	88.13	ppb
Sodium	23-2	-3.60	-8.49	-4.60	-5.56		ppb
Strontium	86-1	-0.04	-0.03	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-331.55	-281.53	-655.41	-422.83		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	-0.04	-0.05	-0.03	-0.04		ppb
Thallium	205-1	-0.06	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.68	-0.51	-0.47	-0.55		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BL	Instrumnet Name :	P8
Client Sample ID :	PB145583BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:26:52	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.04	0.02	0.00	3563.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	-0.09	-0.10	-0.16	-0.12		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	236.70	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BL	Instrumnet Name :	P8
Client Sample ID :	PB150006BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:29:58	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.72	-0.59	-0.76	-0.69		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	64.77	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	200.62	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	1.97	1.88	2.08	1.98	5.27	ppb
Boron	11-1	2.20	1.97	1.96	2.04	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.03	-0.01	-0.02		ppb
Cadmium	106-1	-5.73	-7.22	-4.78	-5.91		ppb
Cadmium	108-1	0.05	0.03	0.07	0.05	42.15	ppb
Calcium	43-1	-6.85	-8.01	-7.31	-7.39		ppb
Calcium	44-1	-14.84	-14.08	-13.85	-14.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	91.46	ppb
Copper	63-2	-0.27	-0.22	-0.26	-0.25		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				109		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	54-2	-0.22	-0.81	-1.97	-1.00		ppb
Iron	56-2	0.11	-0.08	-0.14	-0.03		ppb
Iron	57-2	-0.60	0.20	-1.04	-0.48		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BL	Instrumnet Name :	P8
Client Sample ID :	PB150006BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:29:58	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.03	-0.04	-0.02		ppb
Lead	207-1	-0.01	-0.03	-0.01	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				119		%
Magnesium	24-2	-0.42	-0.21	0.04	-0.20		ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.04	0.01	-0.01	0.01	169.27	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	55.20	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	77.65	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	70.55	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	59.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.01	50.79	ppb
Phosphorus	31-2	-13.13	-4.37	-13.79	-10.43		ppb
Potassium	39-2	-5.30	-7.95	-11.86	-8.37		ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	-0.42	-0.10	0.08	-0.15		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.58	-1.14	-0.23	-0.26		ppb
Silicon	28-1	-1.91	-2.28	-1.18	-1.79		ppb
Silver	107-1	-0.01	-0.01	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	-20.66	-19.05	-19.94	-19.88		ppb
Strontium	86-1	-0.06	-0.03	-0.07	-0.05		ppb
Strontium	88-1	-0.02	-0.03	-0.02	-0.02		ppb
Sulfur	34-1	-267.25	-567.53	-256.17	-363.65		ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	-0.04	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.06	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.74	0.85	0.73	0.77	8.10	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BL	Instrumnet Name :	P8
Client Sample ID :	PB150006BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:29:58	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	-0.01	0.07	0.04	102.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	0.12	0.00	0.02	343.06	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	994.01	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BS	Instrumnet Name :	P8
Client Sample ID :	PB150006BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:36:02	DataFile Name :	049LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10573.11	10276.68	10129.60	10326.47	2.19	ppb
Antimony	121-1	528.19	486.36	494.62	503.06	4.40	ppb
Arsenic	75-2	520.65	523.78	511.34	518.59	1.25	ppb
Barium	135-1	2600.93	2542.84	2423.65	2522.47	3.58	ppb
Barium	137-1	2645.46	2520.20	2464.12	2543.26	3.65	ppb
Beryllium	9-1	500.10	490.26	518.84	503.07	2.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	459.21	489.66	524.92	491.26	6.69	ppb
Boron	11-1	458.22	475.91	518.16	484.10	6.36	ppb
Bromine	81-1						cps
Cadmium	111-1	514.72	499.89	498.07	504.23	1.81	ppb
Cadmium	106-1	512.01	491.63	493.34	499.00	2.27	ppb
Cadmium	108-1	520.08	494.46	496.86	503.80	2.81	ppb
Calcium	43-1	60495.05	60338.38	63114.48	61315.97	2.54	ppb
Calcium	44-1	53700.63	53710.11	55186.69	54199.14	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	535.52	524.26	508.62	522.80	2.58	ppb
Cobalt	59-2	537.50	535.80	536.40	536.56	0.16	ppb
Copper	63-2	5543.82	5100.61	5142.95	5262.46	4.65	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				113		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	54-2	28759.89	27713.06	27798.87	28090.61	2.07	ppb
Iron	56-2	27853.12	27249.84	27586.78	27563.25	1.10	ppb
Iron	57-2	28604.75	27158.50	28232.60	27998.62	2.68	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BS	Instrumnet Name :	P8
Client Sample ID :	PB150006BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:36:02	DataFile Name :	049LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2497.75	2405.49	2487.89	2463.71	2.06	ppb
Lead	207-1	2490.02	2411.22	2461.74	2454.33	1.63	ppb
Lead	208-1	2490.50	2426.65	2523.12	2480.09	1.98	ppb
Lithium	6-1				112		%
Magnesium	24-2	57495.95	56753.70	54884.31	56377.99	2.39	ppb
Manganese	55-2	5193.57	5106.69	5097.18	5132.48	1.03	ppb
Molybdenum	94-1	4947.41	5024.82	5052.68	5008.30	1.09	ppb
Molybdenum	95-1	4942.29	4923.45	5052.27	4972.67	1.40	ppb
Molybdenum	96-1	5164.92	4928.60	5015.41	5036.31	2.37	ppb
Molybdenum	97-1	4924.77	5059.65	5111.19	5031.87	1.91	ppb
Molybdenum	98-1	4940.77	4956.82	5168.51	5022.04	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.76	525.93	521.95	524.88	0.49	ppb
Phosphorus	31-2	10328.73	10220.93	10401.94	10317.20	0.88	ppb
Potassium	39-2	25065.61	25458.13	25224.82	25249.52	0.78	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				96		%
Selenium	82-1	517.99	510.26	530.82	519.69	2.00	ppb
Selenium	77-2	509.91	531.13	530.09	523.71	2.28	ppb
Selenium	78-2	510.73	525.05	518.27	518.02	1.38	ppb
Silicon	28-1	447.62	442.78	466.90	452.43	2.82	ppb
Silver	107-1	528.78	500.89	496.19	508.62	3.46	ppb
Silver	109-1	529.55	506.56	527.76	521.29	2.45	ppb
Sodium	23-2	55909.08	55474.06	52690.21	54691.12	3.19	ppb
Strontium	86-1	12483.46	12957.19	13153.79	12864.81	2.68	ppb
Strontium	88-1	12581.80	12470.38	12841.01	12631.06	1.51	ppb
Sulfur	34-1	9970.48	8931.17	10185.41	9695.69	6.92	ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	508.31	484.56	497.55	496.81	2.39	ppb
Thallium	205-1	509.77	479.85	510.57	500.06	3.50	ppb
Tin	118-1	539.64	511.26	508.64	519.85	3.31	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BS	Instrumnet Name :	P8
Client Sample ID :	PB150006BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:36:02	DataFile Name :	049LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4898.69	5038.74	5115.65	5017.69	2.19	ppb
Uranium	238-1	471.52	489.90	498.16	486.53	2.80	ppb
Vanadium	51-2	513.86	504.15	499.05	505.69	1.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	5643.33	5248.71	5439.62	5443.89	3.63	ppb
Zirconium	90-1	495.04	504.16	506.15	501.78	1.18	ppb
Zirconium	91-1	501.58	480.32	502.19	494.70	2.52	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BS	Instrumnet Name :	P8
Client Sample ID :	PB145583BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:39:33	DataFile Name :	050LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10303.27	10185.20	10045.57	10178.01	1.27	ppb
Antimony	121-1	506.04	526.05	524.43	518.84	2.14	ppb
Arsenic	75-2	510.06	525.75	511.04	515.62	1.70	ppb
Barium	135-1	2522.63	2522.87	2527.39	2524.30	0.11	ppb
Barium	137-1	2571.06	2580.89	2613.01	2588.32	0.85	ppb
Beryllium	9-1	486.22	483.28	512.26	493.92	3.23	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	474.36	516.32	562.74	517.81	8.54	ppb
Boron	11-1	463.61	517.80	558.06	513.16	9.24	ppb
Bromine	81-1						cps
Cadmium	111-1	495.66	510.40	513.66	506.57	1.89	ppb
Cadmium	106-1	501.13	497.65	509.13	502.64	1.17	ppb
Cadmium	108-1	519.01	506.16	520.94	515.37	1.56	ppb
Calcium	43-1	62088.48	65776.73	62062.15	63309.12	3.38	ppb
Calcium	44-1	54635.57	55170.51	55634.82	55146.97	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.18	511.16	505.81	509.05	0.56	ppb
Cobalt	59-2	535.38	510.02	517.31	520.91	2.51	ppb
Copper	63-2	5285.53	5271.33	5220.52	5259.13	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				113		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	54-2	28441.61	27157.41	27232.13	27610.39	2.61	ppb
Iron	56-2	27774.92	27024.55	26982.13	27260.53	1.64	ppb
Iron	57-2	28560.00	27230.86	27559.09	27783.31	2.49	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BS	Instrumnet Name :	P8
Client Sample ID :	PB145583BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:39:33	DataFile Name :	050LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2422.97	2525.29	2455.93	2468.06	2.12	ppb
Lead	207-1	2475.66	2441.80	2495.52	2470.99	1.10	ppb
Lead	208-1	2460.73	2431.03	2500.17	2463.98	1.41	ppb
Lithium	6-1				111		%
Magnesium	24-2	56710.79	55290.04	53803.19	55268.01	2.63	ppb
Manganese	55-2	5081.88	5010.70	5005.07	5032.55	0.85	ppb
Molybdenum	94-1	4958.47	4882.50	4925.33	4922.10	0.77	ppb
Molybdenum	95-1	4968.95	5089.44	5026.10	5028.16	1.20	ppb
Molybdenum	96-1	4981.02	5130.08	4942.73	5017.94	1.97	ppb
Molybdenum	97-1	5008.20	4938.20	4973.44	4973.28	0.70	ppb
Molybdenum	98-1	4936.39	5037.83	5023.76	4999.33	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.38	514.98	509.01	515.79	1.40	ppb
Phosphorus	31-2	10284.53	10669.33	10264.84	10406.24	2.19	ppb
Potassium	39-2	25299.14	24377.55	24696.90	24791.20	1.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	82-1	501.59	522.35	509.62	511.19	2.05	ppb
Selenium	77-2	505.85	500.26	500.92	502.34	0.61	ppb
Selenium	78-2	516.17	531.49	526.87	524.84	1.50	ppb
Silicon	28-1	541.73	579.15	557.30	559.39	3.36	ppb
Silver	107-1	529.78	517.65	535.18	527.54	1.70	ppb
Silver	109-1	509.16	516.31	510.93	512.13	0.73	ppb
Sodium	23-2	54386.68	54017.55	53083.08	53829.10	1.25	ppb
Strontium	86-1	12714.56	12788.00	12802.69	12768.42	0.37	ppb
Strontium	88-1	12507.02	12364.53	12548.16	12473.24	0.77	ppb
Sulfur	34-1	9179.90	9967.98	9526.26	9558.05	4.13	ppb
Terbium	159-1				109		%
Terbium	159-2				95		%
Thallium	203-1	492.88	487.25	500.25	493.46	1.32	ppb
Thallium	205-1	498.86	483.95	516.66	499.82	3.28	ppb
Tin	118-1	517.31	513.74	520.56	517.20	0.66	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BS	Instrumnet Name :	P8
Client Sample ID :	PB145583BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:39:33	DataFile Name :	050LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4905.99	5090.96	5211.74	5069.56	3.04	ppb
Uranium	238-1	484.33	471.91	480.81	479.02	1.34	ppb
Vanadium	51-2	499.70	496.18	491.24	495.71	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	5472.69	5296.78	5460.80	5410.09	1.82	ppb
Zirconium	90-1	494.20	492.11	503.29	496.53	1.20	ppb
Zirconium	91-1	483.97	498.69	478.18	486.95	2.17	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BS	Instrumnet Name :	P8
Client Sample ID :	PB150007BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:48:40	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9666.85	9786.50	9318.60	9590.65	2.53	ppb
Antimony	121-1	480.42	463.01	471.09	471.51	1.85	ppb
Arsenic	75-2	489.73	500.95	481.67	490.78	1.97	ppb
Barium	135-1	2417.08	2277.80	2424.84	2373.24	3.49	ppb
Barium	137-1	2421.73	2257.74	2356.26	2345.24	3.52	ppb
Beryllium	9-1	461.57	449.83	458.90	456.77	1.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	434.42	461.47	485.85	460.58	5.59	ppb
Boron	11-1	421.36	450.73	484.85	452.31	7.03	ppb
Bromine	81-1						cps
Cadmium	111-1	481.49	452.58	478.15	470.74	3.36	ppb
Cadmium	106-1	478.20	435.31	475.02	462.84	5.16	ppb
Cadmium	108-1	475.39	443.66	480.09	466.38	4.25	ppb
Calcium	43-1	58258.42	58569.89	58177.47	58335.26	0.36	ppb
Calcium	44-1	49515.18	50687.06	50167.67	50123.30	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451.02	461.70	453.32	455.35	1.23	ppb
Cobalt	59-2	495.22	499.53	493.60	496.11	0.62	ppb
Copper	63-2	4911.77	4970.99	4868.87	4917.21	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				113		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	54-2	27374.56	26584.49	26554.92	26837.99	1.73	ppb
Iron	56-2	25443.08	25940.32	25459.18	25614.20	1.10	ppb
Iron	57-2	25649.53	24418.76	24061.56	24709.95	3.37	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BS	Instrumnet Name :	P8
Client Sample ID :	PB150007BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:48:40	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2249.53	2262.06	2329.28	2280.29	1.88	ppb
Lead	207-1	2209.14	2197.07	2271.44	2225.88	1.79	ppb
Lead	208-1	2238.21	2277.21	2297.06	2270.83	1.32	ppb
Lithium	6-1				111		%
Magnesium	24-2	52613.81	52989.86	51330.45	52311.37	1.66	ppb
Manganese	55-2	4795.08	4854.88	4759.53	4803.16	1.00	ppb
Molybdenum	94-1	4681.35	4611.69	4480.67	4591.24	2.22	ppb
Molybdenum	95-1	4544.95	4588.59	4589.40	4574.32	0.56	ppb
Molybdenum	96-1	4664.22	4502.94	4743.17	4636.78	2.64	ppb
Molybdenum	97-1	4689.57	4548.38	4699.51	4645.82	1.82	ppb
Molybdenum	98-1	4657.69	4595.07	4573.02	4608.59	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.99	500.03	483.97	489.66	1.84	ppb
Phosphorus	31-2	9606.30	9963.59	9449.10	9673.00	2.73	ppb
Potassium	39-2	23160.18	24438.62	22956.25	23518.35	3.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	475.50	471.39	475.62	474.17	0.51	ppb
Selenium	77-2	460.65	478.68	486.61	475.32	2.80	ppb
Selenium	78-2	494.89	502.20	488.04	495.04	1.43	ppb
Silicon	28-1	361.31	370.97	381.24	371.17	2.68	ppb
Silver	107-1	499.21	458.81	494.92	484.31	4.58	ppb
Silver	109-1	500.43	462.98	480.01	481.14	3.90	ppb
Sodium	23-2	52201.59	52296.68	49436.85	51311.70	3.17	ppb
Strontium	86-1	12172.94	11718.43	11389.78	11760.38	3.34	ppb
Strontium	88-1	11533.82	11393.53	11130.42	11352.59	1.80	ppb
Sulfur	34-1	8003.24	7979.84	8594.37	8192.48	4.25	ppb
Terbium	159-1				111		%
Terbium	159-2				99		%
Thallium	203-1	443.43	451.02	467.42	453.96	2.70	ppb
Thallium	205-1	448.41	450.76	469.16	456.11	2.49	ppb
Tin	118-1	499.13	469.38	490.13	486.21	3.14	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BS	Instrumnet Name :	P8
Client Sample ID :	PB150007BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:48:40	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4558.95	4526.09	4710.13	4598.39	2.13	ppb
Uranium	238-1	422.50	436.79	448.46	435.92	2.98	ppb
Vanadium	51-2	464.50	478.61	452.71	465.27	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	5072.55	5146.47	4894.90	5037.97	2.57	ppb
Zirconium	90-1	450.08	443.03	462.53	451.88	2.18	ppb
Zirconium	91-1	466.96	455.54	455.30	459.27	1.45	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:51:38	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53097.51	50619.31	50046.52	51254.44	3.16	ppb
Antimony	121-1	475.60	473.66	485.72	478.32	1.35	ppb
Arsenic	75-2	478.63	473.28	493.52	481.81	2.18	ppb
Barium	135-1	2533.45	2537.26	2471.20	2513.97	1.48	ppb
Barium	137-1	2505.75	2453.63	2428.33	2462.57	1.60	ppb
Beryllium	9-1	453.45	463.02	452.10	456.19	1.31	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	770.35	828.64	854.33	817.77	5.26	ppb
Boron	11-1	788.06	816.43	812.29	805.59	1.90	ppb
Bromine	81-1						cps
Cadmium	111-1	472.70	488.20	503.10	488.00	3.12	ppb
Cadmium	106-1	475.90	483.65	492.16	483.90	1.68	ppb
Cadmium	108-1	483.04	489.86	495.45	489.45	1.27	ppb
Calcium	43-1	250963.75	262267.27	260624.65	257951.89	2.37	ppb
Calcium	44-1	245490.58	252633.57	259039.67	252387.94	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.82	488.21	492.92	497.99	2.62	ppb
Cobalt	59-2	521.94	502.66	504.31	509.63	2.10	ppb
Copper	63-2	5089.37	5050.33	5052.17	5063.96	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	54-2	130484.03	129426.85	126107.29	128672.72	1.77	ppb
Iron	56-2	128699.06	123530.61	127969.17	126732.95	2.21	ppb
Iron	57-2	132022.95	126940.31	126395.41	128452.89	2.42	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:51:38	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2445.37	2654.69	2489.53	2529.86	4.36	ppb
Lead	207-1	2409.16	2628.19	2420.79	2486.05	4.96	ppb
Lead	208-1	2444.49	2621.19	2508.44	2524.71	3.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	263927.45	257062.25	256670.18	259219.96	1.57	ppb
Manganese	55-2	5022.91	4929.69	4786.60	4913.07	2.42	ppb
Molybdenum	94-1	5056.85	5042.19	4935.08	5011.37	1.33	ppb
Molybdenum	95-1	4901.75	5018.96	5078.40	4999.70	1.80	ppb
Molybdenum	96-1	4992.75	4907.34	5083.80	4994.63	1.77	ppb
Molybdenum	97-1	5021.36	4997.02	4965.07	4994.48	0.57	ppb
Molybdenum	98-1	5043.52	5002.79	4944.49	4996.93	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.97	516.12	520.92	521.34	1.04	ppb
Phosphorus	31-2	9999.49	9769.24	9776.24	9848.32	1.33	ppb
Potassium	39-2	120779.99	123244.78	118699.71	120908.16	1.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	82-1	513.10	498.20	507.00	506.10	1.48	ppb
Selenium	77-2	540.50	503.14	533.84	525.83	3.79	ppb
Selenium	78-2	524.49	519.55	536.33	526.79	1.64	ppb
Silicon	28-1	1394.80	1432.88	1428.02	1418.57	1.46	ppb
Silver	107-1	489.45	491.61	496.68	492.58	0.75	ppb
Silver	109-1	493.29	516.32	491.82	500.47	2.75	ppb
Sodium	23-2	261407.39	251429.71	254629.99	255822.36	1.99	ppb
Strontium	86-1	13000.39	12312.58	12650.35	12654.44	2.72	ppb
Strontium	88-1	12479.69	12176.26	12580.32	12412.09	1.69	ppb
Sulfur	34-1	8202.52	8547.16	8910.47	8553.38	4.14	ppb
Terbium	159-1				113		%
Terbium	159-2				97		%
Thallium	203-1	517.75	543.83	526.98	529.52	2.50	ppb
Thallium	205-1	498.25	537.95	510.47	515.55	3.94	ppb
Tin	118-1	485.42	490.60	484.75	486.92	0.66	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:51:38	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4978.65	4966.09	4982.33	4975.69	0.17	ppb
Uranium	238-1	499.55	499.53	508.96	502.68	1.08	ppb
Vanadium	51-2	502.95	492.60	491.01	495.52	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	4928.86	4733.43	4992.26	4884.85	2.76	ppb
Zirconium	90-1	507.72	495.20	504.99	502.63	1.31	ppb
Zirconium	91-1	499.81	507.58	505.93	504.44	0.81	ppb

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P8
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 18:01:23 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.36	-1.18	-1.27	-1.27		ppb
Antimony	121-1	0.07	0.09	0.11	0.09	17.56	ppb
Arsenic	75-2	0.02	0.01	0.01	0.01	53.46	ppb
Barium	135-1	0.02	0.07	0.02	0.04	74.30	ppb
Barium	137-1	0.00	0.04	0.00	0.01	175.60	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	19.88	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	10-1	32.34	32.26	32.05	32.22	0.46	ppb
Boron	11-1	35.24	34.49	33.50	34.41	2.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-7.78	-7.12	-9.80	-8.23		ppb
Cadmium	108-1	0.31	0.10	0.14	0.18	61.65	ppb
Calcium	43-1	-8.76	-7.30	-8.96	-8.34		ppb
Calcium	44-1	-15.06	-13.58	-14.82	-14.49		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.02	-0.02	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	62.59	ppb
Copper	63-2	-0.14	-0.05	-0.04	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	-1.04	-0.32	-0.65	-0.67		ppb
Iron	56-2	0.03	-0.11	0.03	-0.02		ppb
Iron	57-2	-0.20	-1.41	0.53	-0.36		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:01:23	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.05	0.04	0.03	59.14	ppb
Lead	207-1	0.03	0.05	0.04	0.04	26.82	ppb
Lead	208-1	0.01	0.05	0.04	0.03	62.54	ppb
Lithium	6-1				112		%
Magnesium	24-2	0.09	0.19	-0.13	0.05	336.63	ppb
Manganese	55-2	0.07	0.06	0.07	0.06	5.68	ppb
Molybdenum	94-1	0.13	0.18	0.14	0.15	14.76	ppb
Molybdenum	95-1	0.14	0.20	0.14	0.16	21.87	ppb
Molybdenum	96-1	0.15	0.16	0.16	0.16	4.23	ppb
Molybdenum	97-1	0.17	0.18	0.16	0.17	7.16	ppb
Molybdenum	98-1	0.16	0.18	0.16	0.17	7.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.00	0.01	140.87	ppb
Phosphorus	31-2	-24.27	-1.83	-20.13	-15.41		ppb
Potassium	39-2	-9.60	-9.36	-11.26	-10.07		ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	0.12	-0.27	-0.64	-0.26		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.91	-0.10	0.17	-0.28		ppb
Silicon	28-1	-2.27	-1.62	-3.37	-2.42		ppb
Silver	107-1	0.01	0.02	0.01	0.01	57.73	ppb
Silver	109-1	0.00	0.01	0.01	0.00	41.61	ppb
Sodium	23-2	-17.53	-17.28	-17.02	-17.28		ppb
Strontium	86-1	0.00	0.08	0.05	0.04	84.97	ppb
Strontium	88-1	0.04	0.10	0.07	0.07	38.54	ppb
Sulfur	34-1	-1608.87	-1457.80	-1734.92	-1600.53		ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.03	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.24	0.10	0.01	0.12	96.87	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:01:23	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.10	0.13	0.09	51.09	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	39.32	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	74.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	0.02	0.10	0.11	0.07	63.17	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	87.54	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	39.67	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BL	Instrumnet Name :	P8
Client Sample ID :	PB150007BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:04:29	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	-0.43	-0.90	-0.76		ppb
Antimony	121-1	0.03	0.05	0.04	0.04	28.38	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	39.48	ppb
Barium	135-1	0.01	0.05	0.05	0.04	74.49	ppb
Barium	137-1	0.02	0.06	0.01	0.03	74.20	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	14.05	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	24.95	24.96	25.40	25.10	1.03	ppb
Boron	11-1	26.86	26.30	27.01	26.73	1.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	0.00	-0.01		ppb
Cadmium	106-1	-6.03	-6.64	-8.15	-6.94		ppb
Cadmium	108-1	0.10	0.03	0.01	0.05	98.46	ppb
Calcium	43-1	-7.29	-5.24	-4.12	-5.55		ppb
Calcium	44-1	-12.35	-11.77	-12.07	-12.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	87.04	ppb
Copper	63-2	-0.13	-0.03	-0.08	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	0.01	0.39	-0.56	-0.05		ppb
Iron	56-2	-0.01	0.54	-0.08	0.15	229.86	ppb
Iron	57-2	0.42	0.71	-1.06	0.02	4183.27	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BL	Instrumnet Name :	P8
Client Sample ID :	PB150007BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:04:29	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.04	0.02	51.15	ppb
Lead	207-1	0.01	0.01	0.06	0.03	98.33	ppb
Lead	208-1	0.03	0.03	0.05	0.04	43.46	ppb
Lithium	6-1				112		%
Magnesium	24-2	0.38	1.12	0.19	0.56	87.50	ppb
Manganese	55-2	0.03	0.10	0.07	0.07	46.17	ppb
Molybdenum	94-1	0.08	0.15	0.04	0.09	64.23	ppb
Molybdenum	95-1	0.08	0.10	0.09	0.09	9.52	ppb
Molybdenum	96-1	0.06	0.08	0.09	0.08	21.47	ppb
Molybdenum	97-1	0.13	0.13	0.10	0.12	15.93	ppb
Molybdenum	98-1	0.12	0.10	0.13	0.11	14.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.04	0.02	138.46	ppb
Phosphorus	31-2	3.24	4.39	-8.13	-0.17		ppb
Potassium	39-2	-9.03	-1.50	-8.12	-6.22		ppb
Rhodium	103-1				112		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	82-1	-0.54	0.34	0.18	-0.01		ppb
Selenium	77-2	0.00	0.00	1.02	0.34	173.21	ppb
Selenium	78-2	-0.89	-0.44	-0.37	-0.57		ppb
Silicon	28-1	-3.72	-3.28	-4.09	-3.70		ppb
Silver	107-1	0.01	0.02	0.01	0.02	44.62	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.12	ppb
Sodium	23-2	-12.77	-10.30	-11.94	-11.67		ppb
Strontium	86-1	0.10	0.05	0.07	0.07	40.37	ppb
Strontium	88-1	0.08	0.11	0.10	0.10	11.21	ppb
Sulfur	34-1	-1699.72	-1748.74	-1532.90	-1660.45		ppb
Terbium	159-1				114		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.48	-0.55	-0.50	-0.51		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BL	Instrumnet Name :	P8
Client Sample ID :	PB150007BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:04:29	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.02	0.04	0.01	239.37	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	39.07	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	152.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	0.08	0.19	-0.06	0.07	172.21	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	572.17	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:20:08	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.28	6.91	5.71	6.30	9.51	ppb
Antimony	121-1	0.83	0.80	0.92	0.85	7.16	ppb
Arsenic	75-2	0.44	0.58	0.43	0.48	16.82	ppb
Barium	135-1	3.77	3.95	4.10	3.94	4.21	ppb
Barium	137-1	3.79	4.03	4.37	4.06	7.11	ppb
Beryllium	9-1	0.41	0.43	0.48	0.44	7.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	18.36	19.20	22.06	19.87	9.77	ppb
Boron	11-1	19.76	20.68	23.06	21.17	8.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.37	0.43	0.46	0.42	11.54	ppb
Cadmium	106-1	-3.88	-5.79	-6.86	-5.51		ppb
Cadmium	108-1	0.79	0.42	0.62	0.61	30.15	ppb
Calcium	43-1	197.81	196.39	207.96	200.72	3.14	ppb
Calcium	44-1	189.48	187.79	206.85	194.71	5.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.74	0.74	0.72	6.18	ppb
Cobalt	59-2	0.39	0.43	0.40	0.41	5.64	ppb
Copper	63-2	0.62	0.64	0.72	0.66	7.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	82.35	79.06	78.74	80.05	2.50	ppb
Iron	56-2	81.46	77.97	80.26	79.89	2.22	ppb
Iron	57-2	78.31	81.99	74.63	78.31	4.70	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:20:08	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.35	0.37	0.44	0.39	12.40	ppb
Lead	207-1	0.36	0.31	0.40	0.36	11.88	ppb
Lead	208-1	0.36	0.35	0.40	0.37	7.11	ppb
Lithium	6-1				113		%
Magnesium	24-2	215.50	212.63	211.27	213.13	1.01	ppb
Manganese	55-2	0.42	0.45	0.53	0.47	12.39	ppb
Molybdenum	94-1	2.35	2.35	2.74	2.48	8.99	ppb
Molybdenum	95-1	2.00	2.05	2.20	2.08	5.14	ppb
Molybdenum	96-1	1.94	2.14	2.15	2.08	5.81	ppb
Molybdenum	97-1	2.12	2.18	2.15	2.15	1.44	ppb
Molybdenum	98-1	1.98	1.98	2.20	2.05	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.43	0.43	0.43	3.27	ppb
Phosphorus	31-2	10.57	6.68	-0.59	5.55	102.05	ppb
Potassium	39-2	183.95	181.39	183.10	182.81	0.71	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	82-1	3.21	3.50	4.10	3.60	12.64	ppb
Selenium	77-2	4.45	1.05	2.66	2.72	62.60	ppb
Selenium	78-2	3.36	2.59	3.67	3.21	17.45	ppb
Silicon	28-1	-2.19	-2.71	-0.89	-1.93		ppb
Silver	107-1	0.41	0.44	0.43	0.43	3.26	ppb
Silver	109-1	0.42	0.44	0.42	0.43	2.84	ppb
Sodium	23-2	170.27	166.84	170.24	169.12	1.17	ppb
Strontium	86-1	0.31	0.43	0.55	0.43	27.55	ppb
Strontium	88-1	0.36	0.38	0.41	0.38	7.39	ppb
Sulfur	34-1	-1154.23	-954.51	-321.53	-810.09		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.34	0.39	0.32	0.35	9.95	ppb
Thallium	205-1	0.34	0.37	0.37	0.36	5.61	ppb
Tin	118-1	1.66	1.58	1.83	1.69	7.73	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:20:08	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.13	1.90	2.26	2.10	8.68	ppb
Uranium	238-1	0.36	0.33	0.39	0.36	8.24	ppb
Vanadium	51-2	1.83	1.86	1.92	1.87	2.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	0.92	1.08	1.29	1.10	16.83	ppb
Zirconium	90-1	0.40	0.41	0.43	0.42	4.06	ppb
Zirconium	91-1	0.39	0.39	0.43	0.40	6.08	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2022-03	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:23:28	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.77	6.69	6.45	6.30	7.54	ppb
Antimony	121-1	0.77	0.81	0.71	0.76	6.37	ppb
Arsenic	75-2	0.35	0.39	0.44	0.39	10.59	ppb
Barium	135-1	4.20	3.83	3.52	3.85	8.90	ppb
Barium	137-1	4.16	4.02	3.71	3.96	5.80	ppb
Beryllium	9-1	0.41	0.40	0.43	0.41	3.14	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	16.13	16.66	16.31	16.37	1.66	ppb
Boron	11-1	17.23	17.16	17.93	17.44	2.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	0.40	0.36	0.38	6.04	ppb
Cadmium	106-1	-6.71	-6.43	-5.14	-6.10		ppb
Cadmium	108-1	0.52	0.81	0.59	0.64	23.32	ppb
Calcium	43-1	196.01	192.75	179.04	189.27	4.76	ppb
Calcium	44-1	185.62	190.09	176.79	184.17	3.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.75	0.76	0.78	0.76	2.10	ppb
Cobalt	59-2	0.40	0.42	0.38	0.40	4.72	ppb
Copper	63-2	0.65	0.63	0.65	0.64	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	75.04	78.06	76.79	76.63	1.98	ppb
Iron	56-2	80.11	78.11	78.14	78.79	1.46	ppb
Iron	57-2	79.56	80.06	77.35	78.99	1.82	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2022-03	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:23:28	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.35	0.38	0.31	0.35	9.65	ppb
Lead	207-1	0.34	0.34	0.35	0.34	0.79	ppb
Lead	208-1	0.35	0.35	0.33	0.34	3.10	ppb
Lithium	6-1				115		%
Magnesium	24-2	214.84	219.79	215.62	216.75	1.23	ppb
Manganese	55-2	0.42	0.49	0.47	0.46	8.13	ppb
Molybdenum	94-1	2.24	2.37	2.31	2.31	2.86	ppb
Molybdenum	95-1	2.07	2.01	1.88	1.98	4.90	ppb
Molybdenum	96-1	2.04	1.99	1.99	2.01	1.52	ppb
Molybdenum	97-1	1.91	1.90	1.99	1.94	2.60	ppb
Molybdenum	98-1	1.95	2.00	1.87	1.94	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.48	0.46	0.47	3.52	ppb
Phosphorus	31-2	-6.11	-8.65	-17.37	-10.71		ppb
Potassium	39-2	190.63	187.64	187.39	188.56	0.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	82-1	3.44	3.17	3.13	3.25	5.12	ppb
Selenium	77-2	5.50	4.01	7.53	5.68	31.07	ppb
Selenium	78-2	2.20	1.87	2.77	2.28	19.94	ppb
Silicon	28-1	-2.89	-1.74	-1.41	-2.02		ppb
Silver	107-1	0.43	0.47	0.40	0.43	8.66	ppb
Silver	109-1	0.45	0.41	0.41	0.42	5.26	ppb
Sodium	23-2	167.69	172.98	170.76	170.47	1.56	ppb
Strontium	86-1	0.35	0.38	0.38	0.37	4.72	ppb
Strontium	88-1	0.39	0.35	0.34	0.36	6.06	ppb
Sulfur	34-1	-970.20	-935.93	-1395.61	-1100.58		ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	0.32	0.33	0.28	0.31	8.35	ppb
Thallium	205-1	0.35	0.35	0.31	0.33	7.09	ppb
Tin	118-1	1.64	1.66	1.42	1.58	8.30	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2022-03	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:23:28	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.06	1.95	2.13	2.05	4.38	ppb
Uranium	238-1	0.33	0.34	0.34	0.34	1.59	ppb
Vanadium	51-2	1.90	1.86	2.01	1.92	4.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	1.20	1.15	1.18	1.18	2.39	ppb
Zirconium	90-1	0.38	0.37	0.38	0.38	1.46	ppb
Zirconium	91-1	0.38	0.44	0.38	0.40	8.03	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:33:28	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51470.74	50944.33	52370.68	51595.25	1.40	ppb
Antimony	121-1	476.22	481.52	482.14	479.96	0.68	ppb
Arsenic	75-2	463.41	474.56	489.34	475.77	2.73	ppb
Barium	135-1	2568.15	2487.04	2480.47	2511.88	1.94	ppb
Barium	137-1	2594.62	2524.84	2496.65	2538.70	1.99	ppb
Beryllium	9-1	467.82	474.09	490.13	477.35	2.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	773.75	789.55	804.80	789.37	1.97	ppb
Boron	11-1	776.68	810.13	809.65	798.82	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	471.56	456.70	466.60	464.96	1.63	ppb
Cadmium	106-1	487.39	475.83	459.17	474.13	2.99	ppb
Cadmium	108-1	485.27	472.50	466.39	474.72	2.03	ppb
Calcium	43-1	262059.27	245752.55	252477.41	253429.74	3.23	ppb
Calcium	44-1	251771.19	244872.03	246909.81	247851.01	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.83	508.44	478.96	499.41	3.55	ppb
Cobalt	59-2	520.37	514.56	502.88	512.60	1.74	ppb
Copper	63-2	4895.35	4898.13	4768.75	4854.08	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	130108.32	125638.94	133460.42	129735.89	3.02	ppb
Iron	56-2	128076.60	128912.28	131174.15	129387.67	1.24	ppb
Iron	57-2	131336.98	128497.79	127637.59	129157.45	1.50	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:33:28	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2496.37	2597.90	2507.27	2533.85	2.20	ppb
Lead	207-1	2446.45	2472.53	2513.03	2477.34	1.35	ppb
Lead	208-1	2505.22	2493.06	2523.34	2507.21	0.61	ppb
Lithium	6-1				107		%
Magnesium	24-2	259189.41	266477.77	252340.15	259335.78	2.73	ppb
Manganese	55-2	5013.39	5093.15	5003.00	5036.51	0.98	ppb
Molybdenum	94-1	4946.42	5034.84	4851.03	4944.10	1.86	ppb
Molybdenum	95-1	5050.68	5131.96	4786.65	4989.77	3.62	ppb
Molybdenum	96-1	4958.54	5063.12	4858.66	4960.11	2.06	ppb
Molybdenum	97-1	4890.71	5113.65	4884.56	4962.98	2.63	ppb
Molybdenum	98-1	5041.39	5115.04	4757.85	4971.43	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.04	487.56	484.47	488.36	0.89	ppb
Phosphorus	31-2	10026.76	10064.41	9809.72	9966.96	1.38	ppb
Potassium	39-2	125051.54	121490.14	124629.44	123723.70	1.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				92		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	82-1	470.12	485.65	456.02	470.60	3.15	ppb
Selenium	77-2	489.41	486.09	463.65	479.71	2.92	ppb
Selenium	78-2	466.04	476.22	488.91	477.06	2.40	ppb
Silicon	28-1	1473.87	1422.58	1441.15	1445.87	1.80	ppb
Silver	107-1	478.81	483.00	467.09	476.30	1.73	ppb
Silver	109-1	489.94	476.49	466.50	477.64	2.46	ppb
Sodium	23-2	267369.55	262798.20	257784.70	262650.82	1.83	ppb
Strontium	86-1	12612.64	12698.66	11980.10	12430.47	3.16	ppb
Strontium	88-1	12110.65	12789.59	12192.50	12364.25	3.00	ppb
Sulfur	34-1	8873.84	8571.47	8603.38	8682.89	1.91	ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	514.16	521.88	518.86	518.30	0.75	ppb
Thallium	205-1	510.52	509.10	498.78	506.14	1.27	ppb
Tin	118-1	487.71	509.15	498.95	498.60	2.15	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:33:28	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5112.06	5030.80	5024.10	5055.65	0.97	ppb
Uranium	238-1	503.93	509.60	498.31	503.95	1.12	ppb
Vanadium	51-2	500.95	500.20	487.11	496.09	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	4878.31	4915.94	4826.60	4873.62	0.92	ppb
Zirconium	90-1	495.41	504.90	503.79	501.37	1.04	ppb
Zirconium	91-1	514.76	521.10	485.93	507.26	3.70	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:41:25	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.33	-1.23	-1.60	-1.38		ppb
Antimony	121-1	0.04	0.08	0.09	0.07	32.39	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	64.92	ppb
Barium	135-1	0.01	0.12	0.02	0.05	127.05	ppb
Barium	137-1	-0.01	0.07	0.00	0.02	216.73	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	35.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	30.27	30.13	28.00	29.47	4.32	ppb
Boron	11-1	31.29	31.12	30.60	31.00	1.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	-0.04	-0.03		ppb
Cadmium	106-1	-8.52	-6.60	-11.47	-8.87		ppb
Cadmium	108-1	0.26	0.27	0.39	0.31	22.81	ppb
Calcium	43-1	-7.60	1.04	-7.06	-4.54		ppb
Calcium	44-1	-13.54	-4.53	-15.29	-11.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.07	0.01	0.03	94.39	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	44.96	ppb
Copper	63-2	-0.16	-0.14	-0.12	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	-0.62	0.20	0.40	-0.01		ppb
Iron	56-2	0.29	0.24	0.15	0.23	29.48	ppb
Iron	57-2	-0.21	0.17	0.12	0.03	731.18	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:41:25	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.10	0.03	0.06	73.96	ppb
Lead	207-1	0.03	0.10	0.01	0.05	95.11	ppb
Lead	208-1	0.03	0.10	0.02	0.05	88.15	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.14	0.24	-0.03	0.12	119.51	ppb
Manganese	55-2	0.05	0.07	0.08	0.07	23.64	ppb
Molybdenum	94-1	0.19	0.30	0.07	0.19	60.88	ppb
Molybdenum	95-1	0.21	0.29	0.15	0.22	33.58	ppb
Molybdenum	96-1	0.15	0.31	0.11	0.19	56.57	ppb
Molybdenum	97-1	0.17	0.33	0.11	0.20	54.27	ppb
Molybdenum	98-1	0.19	0.27	0.14	0.20	32.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.02	0.02	72.84	ppb
Phosphorus	31-2	-13.46	-11.53	-16.25	-13.74		ppb
Potassium	39-2	-2.32	5.80	-0.61	0.96	447.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	-0.54	-0.09	-0.26	-0.30		ppb
Selenium	77-2	0.49	0.53	0.00	0.34	86.74	ppb
Selenium	78-2	-0.88	-0.69	-0.22	-0.60		ppb
Silicon	28-1	-2.07	-2.82	-3.96	-2.95		ppb
Silver	107-1	0.01	0.03	0.02	0.02	64.96	ppb
Silver	109-1	0.01	0.02	0.00	0.01	62.61	ppb
Sodium	23-2	-14.17	-11.66	-15.10	-13.64		ppb
Strontium	86-1	0.03	0.50	-0.03	0.17	171.96	ppb
Strontium	88-1	0.07	0.47	0.06	0.20	117.51	ppb
Sulfur	34-1	-1537.33	-1637.47	-1894.46	-1689.75		ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.00	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.04	-0.04	0.03	0.01	438.04	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:41:25	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.25	-0.01	0.10	135.89	ppb
Uranium	238-1	0.00	0.02	0.00	0.01	106.22	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	115.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	0.09	0.23	0.15	0.16	46.40	ppb
Zirconium	90-1	-0.01	0.02	0.00	0.00	344.04	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	199.54	ppb

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:41:37	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	316	362	302	327	9.61	cps
Antimony	121-1	25	17	42	28	45.82	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	17	33	8	19	65.47	cps
Barium	137-1	50	75	83	69	24.98	cps
Beryllium	9-1	31	36	34	34	7.41	cps
Bismuth	209-1	6529053	5437643	6152526	6039741	9.18	cps
Bismuth	209-2	3754605	3928913	3979769	3887762	3.04	cps
Boron	10-1	900	922	1048	957	8.35	cps
Boron	11-1	4236	4282	4252	4256	0.55	cps
Bromine	81-1	80718	79167	80262	80049	1.00	cps
Cadmium	111-1	106	86	73	88	19.35	cps
Cadmium	106-1	8603	7794	8836	8411	6.50	cps
Cadmium	108-1	54	54	58	56	4.32	cps
Calcium	43-1	607	582	647	612	5.35	cps
Calcium	44-1	21319	20975	21220	21171	0.84	cps
Carbon	12-1	5558340	5650509	5732486	5647112	1.54	cps
Carbon	12-2	62793	62232	64760	63262	2.10	cps
Chlorine	35-1	440759	442855	446481	443365	0.65	cps
Chlorine	35-2	3225	3425	3400	3350	3.25	cps
Chromium	52-2	723	870	807	800	9.19	cps
Cobalt	59-2	60	70	53	61	13.73	cps
Copper	63-2	2884	2900	2787	2857	2.14	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	27	23	13	21	32.88	cps
Gadolinium	160-1	100	83	125	103	20.40	cps
Gadolinium	160-2	113	130	187	143	26.82	cps
Holmium	165-1	11350626	9467432	11018263	10612107	9.47	cps
Holmium	165-2	5651315	5830323	5855186	5778941	1.92	cps
Indium	115-1	11426225	9646021	10923928	10665391	8.61	cps
Indium	115-2	1900251	1991788	1997737	1963259	2.78	cps
Iron	54-2	1183	1283	1295	1254	4.88	cps
Iron	56-2	6691	7113	6557	6787	4.28	cps
Iron	57-2	211	206	278	231	17.36	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:41:37	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	551	594	599	581	4.49	cps
Lead	206-1	1061	922	1083	1022	8.54	cps
Lead	207-1	894	856	806	852	5.23	cps
Lead	208-1	3995	3911	3978	3961	1.11	cps
Lithium	6-1	8233822	6922900	8478132	7878284	10.62	cps
Magnesium	24-2	408	367	342	372	9.05	cps
Manganese	55-2	103	70	80	84	20.25	cps
Molybdenum	94-1	225	242	200	222	9.44	cps
Molybdenum	95-1	33	42	0	25	88.19	cps
Molybdenum	96-1	300	283	342	308	9.74	cps
Molybdenum	97-1	25	0	8	11	114.58	cps
Molybdenum	98-1	117	83	42	81	46.64	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	50	53	49	10.42	cps
Phosphorus	31-2	333	183	333	283	30.57	cps
Potassium	39-2	27510	27786	26508	27268	2.47	cps
Rhodium	103-1	10876539	9738924	10689036	10434833	5.85	cps
Rhodium	103-2	5111799	5114127	5227493	5151140	1.28	cps
Scandium	45-1	9566690	8291918	9533709	9130772	7.96	cps
Scandium	45-2	332372	339749	346639	339587	2.10	cps
Selenium	82-1	70	-6	18	27	144.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	112	117	108	112	4.01	cps
Silicon	28-1	867606	858702	858353	861554	0.61	cps
Silver	107-1	175	200	125	167	22.92	cps
Silver	109-1	117	133	125	125	6.67	cps
Sodium	23-2	32269	32570	31393	32077	1.91	cps
Strontium	86-1	1000	1217	1017	1078	11.19	cps
Strontium	88-1	1383	1242	1325	1317	5.41	cps
Sulfur	34-1	553423	550222	548786	550810	0.43	cps
Terbium	159-1	11626121	10092005	11775206	11164444	8.35	cps
Terbium	159-2	5675267	5747330	5995364	5805987	2.89	cps
Thallium	203-1	417	342	500	419	18.88	cps
Thallium	205-1	1167	1042	1092	1100	5.72	cps
Tin	118-1	8036	8069	8236	8114	1.32	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:41:37	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	400	333	433	389	13.09	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Ytterbium	172-1	67	67	50	61	15.75	cps
Ytterbium	172-2	17	39	28	28	39.99	cps
Ytterbium	176-1	2684	2475	2750	2636	5.44	cps
Ytterbium	176-2	10866	11444	11227	11179	2.61	cps
Yttrium	89-1	19366411	17061279	19020004	18482565	6.73	cps
Yttrium	89-2	2291039	2386363	2489048	2388817	4.15	cps
Zinc	66-2	227	267	223	239	10.09	cps
Zirconium	90-1	925	617	808	783	19.88	cps
Zirconium	91-1	142	133	117	131	9.75	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:44:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2309	2115	2137	2187	4.85	cps
Antimony	121-1	12548	12623	11830	12334	3.55	cps
Arsenic	75-2	247	304	264	272	10.77	cps
Barium	135-1	16878	17237	16853	16989	1.26	cps
Barium	137-1	28464	30260	28706	29144	3.34	cps
Beryllium	9-1	4018	3985	3895	3966	1.60	cps
Bismuth	209-1	6510017	6199355	6321137	6343503	2.47	cps
Bismuth	209-2	3980045	3937330	3936936	3951437	0.63	cps
Boron	10-1	12235	13424	14779	13479	9.44	cps
Boron	11-1	54984	61975	63184	60047	7.37	cps
Bromine	81-1	76317	73116	80020	76484	4.52	cps
Cadmium	111-1	2271	2039	2129	2146	5.44	cps
Cadmium	106-1	9003	9145	8953	9034	1.10	cps
Cadmium	108-1	254	242	283	260	8.23	cps
Calcium	43-1	17313	17183	16913	17136	1.19	cps
Calcium	44-1	291451	291639	289127	290739	0.48	cps
Carbon	12-1	5564074	5597099	5664842	5608672	0.92	cps
Carbon	12-2	62567	63396	64015	63326	1.15	cps
Chlorine	35-1	433304	425951	424396	427884	1.11	cps
Chlorine	35-2	3242	3084	3059	3128	3.18	cps
Chromium	52-2	5781	5855	5748	5795	0.94	cps
Cobalt	59-2	4687	4821	4881	4796	2.06	cps
Copper	63-2	9900	10284	10030	10071	1.94	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	23	27	37	29	24.03	cps
Gadolinium	160-1	150	167	117	144	17.63	cps
Gadolinium	160-2	157	163	167	162	3.14	cps
Holmium	165-1	11425329	10904020	10920444	11083264	2.67	cps
Holmium	165-2	5871977	5660181	5686134	5739430	2.01	cps
Indium	115-1	11145568	11026685	11234770	11135674	0.94	cps
Indium	115-2	1959061	1854106	1929296	1914154	2.83	cps
Iron	54-2	7330	7552	6802	7228	5.33	cps
Iron	56-2	118697	117011	117139	117616	0.80	cps
Iron	57-2	3178	3317	3034	3176	4.46	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:44:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	586	566	550	567	3.20	cps
Lead	206-1	5401	5501	5474	5459	0.95	cps
Lead	207-1	4556	4662	4551	4590	1.36	cps
Lead	208-1	21040	21563	21674	21426	1.58	cps
Lithium	6-1	8010462	7797620	8284810	8030964	3.04	cps
Magnesium	24-2	127929	126550	122329	125602	2.32	cps
Manganese	55-2	1690	1627	1577	1631	3.48	cps
Molybdenum	94-1	17211	16902	17528	17214	1.82	cps
Molybdenum	95-1	20799	20766	20916	20827	0.38	cps
Molybdenum	96-1	23037	23888	23896	23607	2.09	cps
Molybdenum	97-1	12948	13532	12673	13051	3.36	cps
Molybdenum	98-1	32923	32255	32522	32567	1.03	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	1353	1443	1357	1385	3.69	cps
Phosphorus	31-2	442	317	467	408	19.68	cps
Potassium	39-2	113680	114964	115764	114803	0.92	cps
Rhodium	103-1	11281566	10979524	11178991	11146694	1.38	cps
Rhodium	103-2	4969939	5089151	5054478	5037856	1.22	cps
Scandium	45-1	9875637	9508404	9715192	9699744	1.90	cps
Scandium	45-2	334378	340266	341029	338558	1.08	cps
Selenium	82-1	1056	1180	1142	1126	5.63	cps
Selenium	77-2	57	33	50	47	25.76	cps
Selenium	78-2	230	226	233	230	1.53	cps
Silicon	28-1	934786	937101	923931	931939	0.75	cps
Silver	107-1	11438	11722	11697	11619	1.35	cps
Silver	109-1	10654	10846	10579	10693	1.29	cps
Sodium	23-2	261699	261226	257236	260054	0.94	cps
Strontium	86-1	4151	4126	4326	4201	2.59	cps
Strontium	88-1	26718	25733	25274	25908	2.85	cps
Sulfur	34-1	550495	553864	559529	554629	0.82	cps
Terbium	159-1	11897310	11669367	11671234	11745970	1.12	cps
Terbium	159-2	5815525	5673752	5659463	5716247	1.51	cps
Thallium	203-1	6052	5818	5985	5952	2.02	cps
Thallium	205-1	13432	13833	13024	13430	3.01	cps
Tin	118-1	39032	40863	40068	39987	2.30	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:44:44	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8102	8236	7877	8072	2.25	cps
Uranium	238-1	16203	15410	14550	15388	5.37	cps
Vanadium	51-2	10664	10401	10240	10435	2.05	cps
Ytterbium	172-1	83	58	100	81	26.04	cps
Ytterbium	172-2	50	33	28	37	31.22	cps
Ytterbium	176-1	3009	2992	2959	2987	0.85	cps
Ytterbium	176-2	10927	11094	10810	10944	1.30	cps
Yttrium	89-1	19618642	18906158	18996057	19173619	2.02	cps
Yttrium	89-2	2389186	2326879	2391084	2369049	1.54	cps
Zinc	66-2	1323	1310	1117	1250	9.25	cps
Zirconium	90-1	15476	15275	15309	15353	0.70	cps
Zirconium	91-1	3250	3234	3576	3353	5.75	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:47:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97797	97887	95454	97046	1.42	cps
Antimony	121-1	340472	344718	342965	342718	0.62	cps
Arsenic	75-2	13279	13011	12882	13057	1.55	cps
Barium	135-1	449190	432563	438332	440028	1.92	cps
Barium	137-1	773744	760241	760594	764860	1.01	cps
Beryllium	9-1	193499	190808	194376	192895	0.96	cps
Bismuth	209-1	6242373	6475559	6327059	6348331	1.86	cps
Bismuth	209-2	3861185	3869089	4014638	3914971	2.21	cps
Boron	10-1	42700	44609	49123	45477	7.25	cps
Boron	11-1	190093	202776	216583	203151	6.52	cps
Bromine	81-1	77497	74486	75985	75989	1.98	cps
Cadmium	111-1	105759	107188	105501	106149	0.86	cps
Cadmium	106-1	23320	22311	21801	22477	3.44	cps
Cadmium	108-1	9324	9362	9207	9298	0.87	cps
Calcium	43-1	209797	208211	209534	209181	0.41	cps
Calcium	44-1	2999228	3078475	3110760	3062821	1.87	cps
Carbon	12-1	6275523	6356329	6459537	6363796	1.45	cps
Carbon	12-2	75008	76080	76433	75840	0.98	cps
Chlorine	35-1	466362	467357	457077	463599	1.22	cps
Chlorine	35-2	3584	3517	3634	3578	1.64	cps
Chromium	52-2	138770	137007	133117	136298	2.12	cps
Cobalt	59-2	246103	245369	241944	244472	0.91	cps
Copper	63-2	1979842	1902104	1893963	1925303	2.46	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	92	42	25	53	65.74	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	147	217	173	179	19.75	cps
Holmium	165-1	11510288	11438334	11441500	11463374	0.35	cps
Holmium	165-2	5668826	5886606	5716076	5757169	1.99	cps
Indium	115-1	11124053	11225113	11173138	11174101	0.45	cps
Indium	115-2	1999699	1998298	1906870	1968289	2.70	cps
Iron	54-2	332140	330826	324722	329229	1.20	cps
Iron	56-2	6009831	6011103	5919307	5980081	0.88	cps
Iron	57-2	147932	148664	141772	146123	2.59	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:47:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	594	631	601	609	3.26	cps
Lead	206-1	1120286	1099812	1144090	1121396	1.98	cps
Lead	207-1	983732	986156	992047	987312	0.43	cps
Lead	208-1	4681081	4650358	4683880	4671773	0.40	cps
Lithium	6-1	7862964	8105136	7735384	7901161	2.38	cps
Magnesium	24-2	1384967	1355328	1300228	1346841	3.19	cps
Manganese	55-2	762865	758719	740034	753873	1.61	cps
Molybdenum	94-1	1547703	1588199	1564251	1566717	1.30	cps
Molybdenum	95-1	2247961	2281938	2201799	2243899	1.79	cps
Molybdenum	96-1	2458809	2481959	2451438	2464069	0.65	cps
Molybdenum	97-1	1360599	1409955	1388217	1386257	1.78	cps
Molybdenum	98-1	3523232	3646297	3494350	3554626	2.27	cps
Neodymium	150-1	40	60	53	51	19.92	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	66039	65313	64241	65198	1.39	cps
Phosphorus	31-2	6218	5943	6168	6110	2.40	cps
Potassium	39-2	484101	496657	483251	488003	1.54	cps
Rhodium	103-1	11233949	11082510	11061628	11126029	0.85	cps
Rhodium	103-2	5243158	5323198	5129092	5231816	1.86	cps
Scandium	45-1	9788523	9737296	9933572	9819797	1.04	cps
Scandium	45-2	339274	346412	330624	338770	2.33	cps
Selenium	82-1	10718	10497	10673	10629	1.10	cps
Selenium	77-2	430	337	357	374	13.12	cps
Selenium	78-2	1300	1369	1348	1339	2.64	cps
Silicon	28-1	3452302	3501164	3413816	3455761	1.27	cps
Silver	107-1	598944	599530	589746	596074	0.92	cps
Silver	109-1	550632	562093	561665	558130	1.16	cps
Sodium	23-2	2575427	2523194	2419298	2505973	3.17	cps
Strontium	86-1	3680984	3798830	3752428	3744080	1.59	cps
Strontium	88-1	32791673	32528174	31855876	32391907	1.49	cps
Sulfur	34-1	637308	635967	638172	637149	0.17	cps
Terbium	159-1	11639865	11717000	11714843	11690569	0.38	cps
Terbium	159-2	5785178	5702840	5524387	5670802	2.35	cps
Thallium	203-1	276898	272307	274564	274590	0.84	cps
Thallium	205-1	646110	679321	664285	663239	2.51	cps
Tin	118-1	350698	357486	352623	353602	0.99	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:47:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	805437	805403	812789	807876	0.53	cps
Uranium	238-1	770266	781217	779513	776999	0.76	cps
Vanadium	51-2	109553	107538	105016	107369	2.12	cps
Ytterbium	172-1	92	67	100	86	20.14	cps
Ytterbium	172-2	44	22	61	43	45.81	cps
Ytterbium	176-1	3509	3326	3267	3367	3.75	cps
Ytterbium	176-2	10994	11383	11455	11277	2.20	cps
Yttrium	89-1	19693641	20112086	18979051	19594926	2.92	cps
Yttrium	89-2	2391317	2540160	2429886	2453788	3.15	cps
Zinc	66-2	242527	239618	237077	239741	1.14	cps
Zirconium	90-1	777028	790570	765763	777787	1.60	cps
Zirconium	91-1	174081	179138	175432	176217	1.49	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:50:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243556	233594	232253	236467	2.61	cps
Antimony	121-1	836054	835024	833846	834975	0.13	cps
Arsenic	75-2	32889	32303	32145	32446	1.21	cps
Barium	135-1	1090586	1101693	1098401	1096893	0.52	cps
Barium	137-1	1917967	1965853	1861596	1915138	2.72	cps
Beryllium	9-1	474418	477282	476357	476019	0.31	cps
Bismuth	209-1	6374182	6199551	6408111	6327281	1.77	cps
Bismuth	209-2	3893275	3658237	3577085	3709532	4.43	cps
Boron	10-1	89472	95247	99816	94845	5.47	cps
Boron	11-1	394971	426345	426993	416103	4.40	cps
Bromine	81-1	77708	77797	75512	77005	1.68	cps
Cadmium	111-1	261496	260358	272836	264896	2.60	cps
Cadmium	106-1	42082	39967	40010	40686	2.97	cps
Cadmium	108-1	22510	22493	22122	22375	0.98	cps
Calcium	43-1	499963	502681	515344	505996	1.62	cps
Calcium	44-1	7311940	7405664	7351294	7356299	0.64	cps
Carbon	12-1	6442617	6469005	6701531	6537718	2.18	cps
Carbon	12-2	75234	77061	76709	76335	1.27	cps
Chlorine	35-1	445062	448284	439957	444435	0.94	cps
Chlorine	35-2	3267	3259	3242	3256	0.39	cps
Chromium	52-2	335859	333179	329512	332850	0.96	cps
Cobalt	59-2	612269	594646	574126	593680	3.22	cps
Copper	63-2	4798594	4682282	4516484	4665787	3.04	cps
Dysprosium	156-1	58	92	33	61	47.90	cps
Dysprosium	156-2	17	33	20	23	37.78	cps
Erbium	164-1	75	50	83	69	24.98	cps
Erbium	164-2	37	23	23	28	27.73	cps
Gadolinium	160-1	142	142	150	144	3.33	cps
Gadolinium	160-2	153	143	167	154	7.58	cps
Holmium	165-1	11462843	11353773	11362673	11393097	0.53	cps
Holmium	165-2	5614760	5598578	5394633	5535990	2.22	cps
Indium	115-1	11338045	10896745	11194214	11143001	2.02	cps
Indium	115-2	1891810	1861233	1768365	1840469	3.49	cps
Iron	54-2	800351	806097	788964	798471	1.09	cps
Iron	56-2	14746215	14715026	14094442	14518561	2.53	cps
Iron	57-2	360630	354365	346627	353874	1.98	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:50:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	544	599	555	566	5.13	cps
Lead	206-1	2991967	3033419	3020105	3015163	0.70	cps
Lead	207-1	2566324	2484168	2656614	2569036	3.36	cps
Lead	208-1	11844063	11680670	12162585	11895773	2.06	cps
Lithium	6-1	8070872	8096622	8137291	8101595	0.41	cps
Magnesium	24-2	3311166	3300121	3224348	3278545	1.44	cps
Manganese	55-2	1943469	1909349	1826925	1893248	3.16	cps
Molybdenum	94-1	3810331	3874562	3699599	3794831	2.33	cps
Molybdenum	95-1	5466457	5492927	5361980	5440454	1.27	cps
Molybdenum	96-1	6018781	5927428	5626022	5857411	3.51	cps
Molybdenum	97-1	3300161	3348930	3249967	3299686	1.50	cps
Molybdenum	98-1	8632228	8507344	8643047	8594206	0.88	cps
Neodymium	150-1	47	113	147	102	49.81	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	162502	160495	157510	160169	1.57	cps
Phosphorus	31-2	15826	14324	13932	14694	6.80	cps
Potassium	39-2	1209721	1129185	1125918	1154941	4.11	cps
Rhodium	103-1	11026010	10908853	10509714	10814859	2.50	cps
Rhodium	103-2	4983084	4775395	4756510	4838330	2.60	cps
Scandium	45-1	9713171	9589343	9690140	9664218	0.68	cps
Scandium	45-2	332679	317641	307514	319278	3.97	cps
Selenium	82-1	25883	25993	26205	26027	0.63	cps
Selenium	77-2	760	873	817	817	6.94	cps
Selenium	78-2	3119	3007	3087	3071	1.88	cps
Silicon	28-1	4708292	4807903	4855816	4790670	1.57	cps
Silver	107-1	1466233	1484501	1390800	1447178	3.43	cps
Silver	109-1	1349231	1355407	1338929	1347856	0.62	cps
Sodium	23-2	6146280	6017575	5977170	6047008	1.46	cps
Strontium	86-1	9025954	9205347	8733213	8988171	2.65	cps
Strontium	88-1	80005118	80431023	79095325	79843822	0.85	cps
Sulfur	34-1	749414	746472	755365	750417	0.60	cps
Terbium	159-1	11877963	11948734	12118054	11981584	1.03	cps
Terbium	159-2	5517070	5593039	5425170	5511760	1.53	cps
Thallium	203-1	695783	702183	699597	699188	0.46	cps
Thallium	205-1	1748926	1719343	1765300	1744523	1.34	cps
Tin	118-1	847042	847482	860895	851806	0.92	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:50:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1921868	1908910	2017807	1949528	3.05	cps
Uranium	238-1	2013088	2103614	2096316	2071006	2.43	cps
Vanadium	51-2	271089	264000	261318	265469	1.90	cps
Ytterbium	172-1	50	58	92	67	33.08	cps
Ytterbium	172-2	28	33	67	43	49.39	cps
Ytterbium	176-1	4167	4176	4434	4259	3.56	cps
Ytterbium	176-2	10955	11249	10849	11018	1.88	cps
Yttrium	89-1	19754791	18788594	19246183	19263190	2.51	cps
Yttrium	89-2	2347520	2179332	2176579	2234477	4.38	cps
Zinc	66-2	588699	582442	572234	581125	1.43	cps
Zirconium	90-1	1907751	1938350	1965491	1937198	1.49	cps
Zirconium	91-1	433504	433251	431932	432896	0.19	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:54:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470341	465353	455945	463880	1.58	cps
Antimony	121-1	1737893	1703380	1745077	1728783	1.29	cps
Arsenic	75-2	62681	62685	61132	62166	1.44	cps
Barium	135-1	2196739	2253854	2265895	2238829	1.65	cps
Barium	137-1	3723026	3736933	3853020	3770993	1.89	cps
Beryllium	9-1	925651	922040	919909	922534	0.31	cps
Bismuth	209-1	6265924	6300616	6123717	6230086	1.50	cps
Bismuth	209-2	3872755	3654294	3900470	3809173	3.54	cps
Boron	10-1	179581	195508	200170	191753	5.63	cps
Boron	11-1	803519	866140	815684	828448	4.01	cps
Bromine	81-1	77870	74950	72786	75202	3.39	cps
Cadmium	111-1	495016	507569	515253	505946	2.02	cps
Cadmium	106-1	70590	71604	70883	71026	0.73	cps
Cadmium	108-1	43339	44769	44392	44167	1.68	cps
Calcium	43-1	984949	982784	991466	986400	0.46	cps
Calcium	44-1	14449362	14050484	13734392	14078079	2.54	cps
Carbon	12-1	6626224	6983815	6979284	6863108	2.99	cps
Carbon	12-2	82498	80772	82255	81842	1.14	cps
Chlorine	35-1	429240	434726	432148	432038	0.64	cps
Chlorine	35-2	3426	3267	3192	3295	3.62	cps
Chromium	52-2	667697	651281	643375	654118	1.90	cps
Cobalt	59-2	1168981	1151317	1161063	1160454	0.76	cps
Copper	63-2	8909654	8940618	8761423	8870565	1.08	cps
Dysprosium	156-1	67	58	125	83	43.59	cps
Dysprosium	156-2	13	50	40	34	55.04	cps
Erbium	164-1	100	17	42	53	81.02	cps
Erbium	164-2	13	23	23	20	28.87	cps
Gadolinium	160-1	200	183	208	197	6.45	cps
Gadolinium	160-2	173	140	233	182	25.96	cps
Holmium	165-1	11690370	11261888	11428169	11460142	1.88	cps
Holmium	165-2	5492533	5655305	5664448	5604095	1.73	cps
Indium	115-1	11080037	11311369	11216343	11202583	1.04	cps
Indium	115-2	1824169	1887383	1853886	1855146	1.70	cps
Iron	54-2	1689871	1662942	1683540	1678784	0.84	cps
Iron	56-2	29016105	28339644	28667608	28674452	1.18	cps
Iron	57-2	701110	701957	700179	701082	0.13	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:54:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	639	534	556	576	9.59	cps
Lead	206-1	5775085	5891492	5954007	5873528	1.55	cps
Lead	207-1	5046682	5089122	4976499	5037434	1.13	cps
Lead	208-1	23039915	23615107	23054855	23236625	1.41	cps
Lithium	6-1	8022930	8047783	8138210	8069641	0.75	cps
Magnesium	24-2	6517014	6303277	6157845	6326045	2.86	cps
Manganese	55-2	3760831	3683781	3762759	3735790	1.21	cps
Molybdenum	94-1	7729610	7591478	7556017	7625702	1.20	cps
Molybdenum	95-1	10923940	10716726	10800791	10813819	0.96	cps
Molybdenum	96-1	12249737	12098378	11844779	12064298	1.70	cps
Molybdenum	97-1	6698645	6663912	6666473	6676343	0.29	cps
Molybdenum	98-1	17456624	17324040	17526864	17435843	0.59	cps
Neodymium	150-1	247	153	160	187	27.90	cps
Neodymium	150-2	23	10	23	19	40.75	cps
Nickel	60-2	311786	309158	311233	310726	0.45	cps
Phosphorus	31-2	28654	29614	28354	28874	2.28	cps
Potassium	39-2	2370602	2364727	2261221	2332183	2.64	cps
Rhodium	103-1	10881229	11099403	10839808	10940147	1.27	cps
Rhodium	103-2	4917693	4901713	4976783	4932063	0.80	cps
Scandium	45-1	9653355	9841013	9591195	9695188	1.34	cps
Scandium	45-2	322476	324691	327690	324952	0.81	cps
Selenium	82-1	50379	49284	50159	49940	1.16	cps
Selenium	77-2	1667	1630	1733	1677	3.12	cps
Selenium	78-2	6062	5998	5766	5942	2.62	cps
Silicon	28-1	9574523	9776530	9752934	9701329	1.14	cps
Silver	107-1	2771905	2962302	2970691	2901633	3.87	cps
Silver	109-1	2732179	2664882	2667925	2688329	1.41	cps
Sodium	23-2	12096858	11798639	11461084	11785527	2.70	cps
Strontium	86-1	17864663	17671956	17991505	17842708	0.90	cps
Strontium	88-1	155836578	154340574	155314299	155163817	0.49	cps
Sulfur	34-1	930314	920702	929988	927002	0.59	cps
Terbium	159-1	11952161	12702319	11800664	12151714	3.97	cps
Terbium	159-2	5513146	5727731	5651434	5630771	1.93	cps
Thallium	203-1	1355391	1365478	1368971	1363280	0.52	cps
Thallium	205-1	3328515	3464813	3530586	3441305	2.99	cps
Tin	118-1	1674437	1706884	1780686	1720669	3.16	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:54:08	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3762170	3648085	3734054	3714770	1.60	cps
Uranium	238-1	4112023	4115577	4169341	4132313	0.78	cps
Vanadium	51-2	522057	516835	511417	516770	1.03	cps
Ytterbium	172-1	67	58	42	56	22.91	cps
Ytterbium	172-2	39	28	44	37	22.91	cps
Ytterbium	176-1	6118	6102	6210	6143	0.95	cps
Ytterbium	176-2	11978	12122	12745	12282	3.32	cps
Yttrium	89-1	19133932	19630649	19028901	19264494	1.67	cps
Yttrium	89-2	2314960	2309383	2339996	2321446	0.70	cps
Zinc	66-2	1132119	1118583	1108090	1119598	1.08	cps
Zirconium	90-1	3843680	3752092	3882735	3826169	1.75	cps
Zirconium	91-1	850647	876132	849986	858922	1.74	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:57:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933721	924715	900903	919780	1.84	cps
Antimony	121-1	3192942	3381988	3351816	3308915	3.07	cps
Arsenic	75-2	124580	122539	120854	122658	1.52	cps
Barium	135-1	4247627	4361910	4360286	4323274	1.52	cps
Barium	137-1	7000631	7642382	7588537	7410517	4.80	cps
Beryllium	9-1	1800441	1827477	1846263	1824727	1.26	cps
Bismuth	209-1	5979713	6134271	6179263	6097749	1.72	cps
Bismuth	209-2	3806821	3828109	3719105	3784678	1.53	cps
Boron	10-1	369270	402109	410978	394119	5.57	cps
Boron	11-1	1591804	1577286	1740996	1636695	5.54	cps
Bromine	81-1	73097	76609	77033	75580	2.86	cps
Cadmium	111-1	984987	997827	993185	992000	0.66	cps
Cadmium	106-1	129482	129592	131865	130313	1.03	cps
Cadmium	108-1	84537	87128	85568	85745	1.52	cps
Calcium	43-1	1988341	1988774	2015897	1997670	0.79	cps
Calcium	44-1	27923958	28291154	28130963	28115358	0.65	cps
Carbon	12-1	7622445	8047014	8039970	7903143	3.08	cps
Carbon	12-2	95804	97841	99386	97677	1.84	cps
Chlorine	35-1	413726	408791	408563	410360	0.71	cps
Chlorine	35-2	3425	3526	2959	3303	9.16	cps
Chromium	52-2	1384139	1336566	1270455	1330387	4.29	cps
Cobalt	59-2	2428695	2369824	2306277	2368265	2.59	cps
Copper	63-2	17797833	17399585	17070144	17422521	2.09	cps
Dysprosium	156-1	200	183	183	189	5.10	cps
Dysprosium	156-2	80	63	57	67	18.03	cps
Erbium	164-1	92	83	50	75	29.40	cps
Erbium	164-2	37	43	53	44	18.87	cps
Gadolinium	160-1	167	283	242	231	25.64	cps
Gadolinium	160-2	130	160	183	158	16.95	cps
Holmium	165-1	11258632	11257818	11705943	11407464	2.27	cps
Holmium	165-2	5625584	5938216	5726439	5763413	2.77	cps
Indium	115-1	10663419	10952633	10819173	10811742	1.34	cps
Indium	115-2	1895146	1891216	1887224	1891195	0.21	cps
Iron	54-2	3283514	3186908	3131570	3200664	2.40	cps
Iron	56-2	56925564	55785571	55522272	56077802	1.33	cps
Iron	57-2	1463332	1453930	1414712	1443991	1.79	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:57:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	625	544	589	586	6.95	cps
Lead	206-1	11298934	11943505	12167874	11803437	3.82	cps
Lead	207-1	9832024	10181957	9919478	9977820	1.83	cps
Lead	208-1	44909529	46572174	46127341	45869681	1.88	cps
Lithium	6-1	7734716	7757503	7734946	7742388	0.17	cps
Magnesium	24-2	12277973	12440337	12309313	12342541	0.70	cps
Manganese	55-2	7352189	7220649	7097450	7223430	1.76	cps
Molybdenum	94-1	14489364	15002449	15009028	14833614	2.01	cps
Molybdenum	95-1	20818429	21140577	21702885	21220630	2.11	cps
Molybdenum	96-1	23526811	23410818	24159156	23698928	1.70	cps
Molybdenum	97-1	13010495	12870012	12983125	12954544	0.57	cps
Molybdenum	98-1	33351445	33684172	34260935	33765517	1.36	cps
Neodymium	150-1	453	540	420	471	13.15	cps
Neodymium	150-2	27	30	27	28	6.92	cps
Nickel	60-2	626449	607214	600700	611454	2.19	cps
Phosphorus	31-2	59255	58368	55841	57821	3.06	cps
Potassium	39-2	4609813	4465737	4459422	4511657	1.89	cps
Rhodium	103-1	10444486	10272867	10556321	10424558	1.37	cps
Rhodium	103-2	4963848	5126922	5003667	5031479	1.69	cps
Scandium	45-1	9412056	9469360	9785646	9555687	2.11	cps
Scandium	45-2	328987	332869	335235	332364	0.95	cps
Selenium	82-1	96425	97319	98588	97444	1.12	cps
Selenium	77-2	3484	3307	3230	3340	3.89	cps
Selenium	78-2	11431	11524	11023	11326	2.35	cps
Silicon	28-1	20026717	19977366	19932120	19978734	0.24	cps
Silver	107-1	5499924	5606382	5588921	5565076	1.03	cps
Silver	109-1	5101610	5250418	5267795	5206608	1.75	cps
Sodium	23-2	23238908	23140195	22694454	23024519	1.26	cps
Strontium	86-1	35299898	36337348	34797047	35478097	2.21	cps
Strontium	88-1	313498165	314567032	307677399	311914199	1.19	cps
Sulfur	34-1	1136962	1123183	1122386	1127511	0.73	cps
Terbium	159-1	11506210	12192924	12258799	11985977	3.48	cps
Terbium	159-2	5857862	5857789	5562454	5759368	2.96	cps
Thallium	203-1	2834184	2892318	2941366	2889289	1.86	cps
Thallium	205-1	6523491	7102020	6938190	6854567	4.35	cps
Tin	118-1	3281047	3270718	3320828	3290864	0.80	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 13:57:14	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7482710	7421845	7348085	7417546	0.91	cps
Uranium	238-1	8067167	8290287	7916538	8091331	2.32	cps
Vanadium	51-2	1044254	1018530	1007650	1023478	1.84	cps
Ytterbium	172-1	117	150	92	119	24.50	cps
Ytterbium	172-2	89	39	89	72	39.97	cps
Ytterbium	176-1	9045	9103	9228	9126	1.03	cps
Ytterbium	176-2	14403	14636	14319	14453	1.14	cps
Yttrium	89-1	18594783	18874332	19581472	19016862	2.67	cps
Yttrium	89-2	2376685	2420248	2359822	2385585	1.31	cps
Zinc	66-2	2318855	2278459	2201720	2266345	2.63	cps
Zirconium	90-1	7311599	7561784	7444254	7439212	1.68	cps
Zirconium	91-1	1733248	1765107	1732043	1743466	1.08	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 14:00:22 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1854885	1879510	1808769	1847722	1.94	cps
Antimony	121-1	6468681	6363587	6439594	6423954	0.84	cps
Arsenic	75-2	238483	237147	234481	236704	0.86	cps
Barium	135-1	8522356	8572709	8930669	8675245	2.57	cps
Barium	137-1	14232370	14558450	14933984	14574934	2.41	cps
Beryllium	9-1	3393206	3381000	3301227	3358478	1.49	cps
Bismuth	209-1	6005023	6123248	5947093	6025121	1.49	cps
Bismuth	209-2	3649307	3548897	3525480	3574562	1.84	cps
Boron	10-1	637862	665125	672130	658372	2.75	cps
Boron	11-1	2678122	2704265	2932342	2771577	5.05	cps
Bromine	81-1	78956	74475	74617	76016	3.35	cps
Cadmium	111-1	1929899	1923652	1874208	1909253	1.60	cps
Cadmium	106-1	243565	245520	243022	244036	0.54	cps
Cadmium	108-1	164114	163198	166086	164466	0.90	cps
Calcium	43-1	3986611	3947840	4082883	4005778	1.74	cps
Calcium	44-1	55074327	56017757	54121152	55071079	1.72	cps
Carbon	12-1	9008713	9237539	9811860	9352704	4.42	cps
Carbon	12-2	112722	115057	115461	114413	1.29	cps
Chlorine	35-1	421383	412362	410943	414896	1.36	cps
Chlorine	35-2	3142	3259	3184	3195	1.85	cps
Chromium	52-2	2654979	2681755	2663199	2666644	0.51	cps
Cobalt	59-2	4589892	4547258	4537016	4558055	0.62	cps
Copper	63-2	33813959	34618722	32999596	33810759	2.39	cps
Dysprosium	156-1	342	492	450	428	18.10	cps
Dysprosium	156-2	113	153	127	131	15.53	cps
Erbium	164-1	83	100	125	103	20.40	cps
Erbium	164-2	73	40	50	54	31.42	cps
Gadolinium	160-1	283	317	350	317	10.53	cps
Gadolinium	160-2	227	260	270	252	9.00	cps
Holmium	165-1	11332882	11709507	11370831	11471073	1.81	cps
Holmium	165-2	5606466	5652756	5537012	5598745	1.04	cps
Indium	115-1	10566114	10377015	10762144	10568424	1.82	cps
Indium	115-2	1890099	1789560	1769373	1816344	3.56	cps
Iron	54-2	6347293	6247549	6229364	6274735	1.01	cps
Iron	56-2	112555030	112351486	110116302	111674273	1.21	cps
Iron	57-2	2865374	2845657	2829288	2846773	0.63	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:00:22	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	662	610	667	647	4.93	cps
Lead	206-1	22617661	22358795	22665948	22547468	0.73	cps
Lead	207-1	19551916	19758045	19750952	19686971	0.59	cps
Lead	208-1	89639137	89126253	90563312	89776234	0.81	cps
Lithium	6-1	7846741	7897885	7480422	7741683	2.94	cps
Magnesium	24-2	23674177	24336096	24083061	24031111	1.39	cps
Manganese	55-2	14302332	14457966	14556803	14439034	0.89	cps
Molybdenum	94-1	29240959	29520663	29662826	29474816	0.73	cps
Molybdenum	95-1	42663587	41585400	41849067	42032685	1.34	cps
Molybdenum	96-1	46319007	45756922	44095701	45390543	2.55	cps
Molybdenum	97-1	25390139	25734550	25308381	25477690	0.89	cps
Molybdenum	98-1	66381351	66153399	66426901	66320551	0.22	cps
Neodymium	150-1	773	813	920	836	9.07	cps
Neodymium	150-2	53	37	53	48	20.13	cps
Nickel	60-2	1192585	1191538	1162313	1182145	1.45	cps
Phosphorus	31-2	108717	105056	108563	107445	1.93	cps
Potassium	39-2	8869021	8733515	8446114	8682883	2.49	cps
Rhodium	103-1	10328818	10233637	10096438	10219631	1.14	cps
Rhodium	103-2	5059046	4675349	4743278	4825891	4.24	cps
Scandium	45-1	9379565	9499590	9165901	9348352	1.81	cps
Scandium	45-2	330620	327582	320891	326364	1.53	cps
Selenium	82-1	188807	184627	186973	186802	1.12	cps
Selenium	77-2	6221	6358	6432	6337	1.68	cps
Selenium	78-2	21595	21254	21258	21369	0.91	cps
Silicon	28-1	24001867	24066117	24446254	24171412	0.99	cps
Silver	107-1	10501869	10455696	10765728	10574431	1.58	cps
Silver	109-1	10370427	9830555	9825552	10008845	3.13	cps
Sodium	23-2	45521499	45703520	45150340	45458453	0.62	cps
Strontium	86-1	69967241	70156287	70156545	70093358	0.16	cps
Strontium	88-1	627804481	616519697	606958480	617094219	1.69	cps
Sulfur	34-1	1700939	1664861	1668375	1678059	1.19	cps
Terbium	159-1	11690853	12472870	12137946	12100556	3.24	cps
Terbium	159-2	5574498	5566724	5407305	5516175	1.71	cps
Thallium	203-1	5282178	5592754	5478969	5451300	2.88	cps
Thallium	205-1	12613928	12691772	12914630	12740110	1.23	cps
Tin	118-1	6377193	6323517	6509975	6403561	1.50	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:00:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14475562	14473128	14722401	14557030	0.98	cps
Uranium	238-1	15820112	16144025	16293645	16085927	1.50	cps
Vanadium	51-2	2172982	2085707	2067279	2108656	2.68	cps
Ytterbium	172-1	92	150	83	108	33.53	cps
Ytterbium	172-2	94	56	106	85	30.82	cps
Ytterbium	176-1	15618	16219	15201	15679	3.26	cps
Ytterbium	176-2	16522	16550	16911	16661	1.30	cps
Yttrium	89-1	19736699	19019247	18868905	19208284	2.41	cps
Yttrium	89-2	2365848	2344124	2299113	2336362	1.46	cps
Zinc	66-2	4252738	4256930	4089807	4199825	2.27	cps
Zirconium	90-1	15152345	15157872	14826314	15045510	1.26	cps
Zirconium	91-1	3419325	3434362	3405322	3419669	0.42	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:03:29	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8681936	8834083	8681573	8732531	1.01	cps
Antimony	121-1	6643	7377	7502	7174	6.47	cps
Arsenic	75-2	145	159	159	154	5.24	cps
Barium	135-1	3609	3792	3701	3701	2.48	cps
Barium	137-1	6727	6602	6735	6688	1.12	cps
Beryllium	9-1	445	410	416	424	4.40	cps
Bismuth	209-1	5173498	4960129	5360422	5164683	3.88	cps
Bismuth	209-2	3107007	2935794	3240217	3094340	4.93	cps
Boron	10-1	67192	60135	54737	60688	10.29	cps
Boron	11-1	305258	272884	251829	276657	9.73	cps
Bromine	81-1	73106	69454	72361	71640	2.69	cps
Cadmium	111-1	289	211	196	232	21.45	cps
Cadmium	106-1	8294	8545	8411	8417	1.49	cps
Cadmium	108-1	158	238	221	206	20.30	cps
Calcium	43-1	15043017	16008583	15254708	15435436	3.29	cps
Calcium	44-1	253054476	253343690	248231578	251543248	1.14	cps
Carbon	12-1	7524004	7715851	7792362	7677406	1.80	cps
Carbon	12-2	94285	94108	93522	93972	0.42	cps
Chlorine	35-1	388375	389189	386383	387982	0.37	cps
Chlorine	35-2	3000	2892	2842	2911	2.78	cps
Chromium	52-2	6018	5918	5798	5911	1.86	cps
Cobalt	59-2	6028	6061	5971	6020	0.76	cps
Copper	63-2	7169	7549	8089	7602	6.08	cps
Dysprosium	156-1	808	892	800	833	6.08	cps
Dysprosium	156-2	280	313	247	280	11.91	cps
Erbium	164-1	58	92	92	81	23.89	cps
Erbium	164-2	50	40	67	52	25.80	cps
Gadolinium	160-1	550	608	617	592	6.14	cps
Gadolinium	160-2	463	480	410	451	8.11	cps
Holmium	165-1	10956403	10994351	11343518	11098090	1.92	cps
Holmium	165-2	5382701	5225101	5577631	5395144	3.27	cps
Indium	115-1	10036426	9761518	10253282	10017075	2.46	cps
Indium	115-2	1696973	1681437	1769862	1716091	2.75	cps
Iron	54-2	28260600	27747317	27480982	27829633	1.42	cps
Iron	56-2	500246300	506623978	502519667	503129982	0.64	cps
Iron	57-2	12836542	12767101	12435319	12679654	1.69	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:03:29	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	602	606	610	606	0.62	cps
Lead	206-1	4290	4490	4618	4466	3.70	cps
Lead	207-1	3506	3778	3300	3528	6.79	cps
Lead	208-1	16949	17116	16260	16775	2.71	cps
Lithium	6-1	7334197	7174983	7133489	7214223	1.47	cps
Magnesium	24-2	113436823	110313369	108725852	110825348	2.16	cps
Manganese	55-2	6962	7212	7212	7129	2.03	cps
Molybdenum	94-1	8836	8661	8144	8547	4.21	cps
Molybdenum	95-1	9203	8845	7986	8678	7.21	cps
Molybdenum	96-1	29966	29298	27837	29034	3.75	cps
Molybdenum	97-1	6552	5051	5618	5740	13.20	cps
Molybdenum	98-1	14216	13190	12498	13301	6.50	cps
Neodymium	150-1	127	87	87	100	23.09	cps
Neodymium	150-2	30	33	27	30	11.10	cps
Nickel	60-2	3044	3034	2850	2976	3.66	cps
Phosphorus	31-2	408	358	275	347	19.40	cps
Potassium	39-2	43179747	42271082	42338573	42596467	1.19	cps
Rhodium	103-1	9425569	9231152	9287291	9314671	1.07	cps
Rhodium	103-2	4142879	4246250	4386378	4258502	2.87	cps
Scandium	45-1	8938174	9137804	9281884	9119287	1.89	cps
Scandium	45-2	310356	305747	323528	313210	2.95	cps
Selenium	82-1	251	202	271	242	14.63	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	96	106	96	99	5.81	cps
Silicon	28-1	2227988	2203992	2195693	2209224	0.76	cps
Silver	107-1	2475	2259	2350	2361	4.61	cps
Silver	109-1	2117	1959	2050	2042	3.90	cps
Sodium	23-2	219991022	213872838	210903413	214922424	2.16	cps
Strontium	86-1	20908	20950	21751	21203	2.24	cps
Strontium	88-1	176469	176538	175661	176223	0.28	cps
Sulfur	34-1	449876	457591	447387	451618	1.18	cps
Terbium	159-1	11523110	11541642	11231540	11432097	1.52	cps
Terbium	159-2	5214673	5240057	5535136	5329955	3.34	cps
Thallium	203-1	1917	1925	1900	1914	0.66	cps
Thallium	205-1	4751	4909	4609	4757	3.16	cps
Tin	118-1	7027	6727	6844	6866	2.20	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:03:29	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1675	1742	1625	1681	3.48	cps
Uranium	238-1	925	883	983	931	5.40	cps
Vanadium	51-2	450	417	387	418	7.58	cps
Ytterbium	172-1	150	158	183	164	10.58	cps
Ytterbium	172-2	128	78	56	87	42.50	cps
Ytterbium	176-1	2442	2559	2342	2448	4.43	cps
Ytterbium	176-2	9798	9759	10566	10041	4.53	cps
Yttrium	89-1	18090484	18261681	18273243	18208469	0.56	cps
Yttrium	89-2	2172966	2199692	2232827	2201828	1.36	cps
Zinc	66-2	2964	2817	2934	2905	2.67	cps
Zirconium	90-1	6768	7085	7561	7138	5.59	cps
Zirconium	91-1	1600	1533	1425	1520	5.81	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICV56	Instrumnet Name :	P8
Client Sample ID :	ICV56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:23:38	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46963	46279	46104	46449	0.98	cps
Antimony	121-1	1289807	1335077	1296925	1307270	1.86	cps
Arsenic	75-2	51548	50832	50355	50912	1.18	cps
Barium	135-1	166563	177688	175097	173116	3.36	cps
Barium	137-1	294934	305313	306842	302363	2.14	cps
Beryllium	9-1	376414	377625	374406	376148	0.43	cps
Bismuth	209-1	6561810	6392456	6610495	6521587	1.75	cps
Bismuth	209-2	3887027	4014204	3835225	3912152	2.35	cps
Boron	10-1	387669	386819	375375	383288	1.79	cps
Boron	11-1	1617158	1554238	1630331	1600576	2.54	cps
Bromine	81-1	76578	78011	79148	77912	1.65	cps
Cadmium	111-1	206617	213709	211588	210638	1.73	cps
Cadmium	106-1	56517	55095	55555	55722	1.30	cps
Cadmium	108-1	30638	30893	31211	30914	0.93	cps
Calcium	43-1	78937	79140	78160	78745	0.66	cps
Calcium	44-1	1175180	1163178	1111751	1150036	2.93	cps
Carbon	12-1	5966217	5980566	6175235	6040673	1.93	cps
Carbon	12-2	67322	68845	67447	67871	1.25	cps
Chlorine	35-1	644734	675275	703166	674392	4.33	cps
Chlorine	35-2	5585	5735	6285	5868	6.28	cps
Chromium	52-2	265006	261659	259560	262075	1.05	cps
Cobalt	59-2	482386	475940	466524	474950	1.68	cps
Copper	63-2	351551	341242	343475	345422	1.57	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	33	17	92	47	83.40	cps
Erbium	164-2	27	27	20	24	15.75	cps
Gadolinium	160-1	142	167	158	156	8.18	cps
Gadolinium	160-2	137	160	150	149	7.86	cps
Holmium	165-1	11569525	11385500	11987607	11647544	2.65	cps
Holmium	165-2	5735545	5873454	5779618	5796206	1.22	cps
Indium	115-1	11441597	11531714	11755544	11576285	1.40	cps
Indium	115-2	1857805	1936798	1957071	1917225	2.74	cps
Iron	54-2	255902	250346	248703	251650	1.50	cps
Iron	56-2	4719642	4687263	4401239	4602715	3.81	cps
Iron	57-2	111764	110212	107437	109804	2.00	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICV56	Instrumnet Name :	P8
Client Sample ID :	ICV56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:23:38	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	574	587	557	573	2.62	cps
Lead	206-1	940686	938049	964083	947606	1.51	cps
Lead	207-1	800178	781997	793099	791758	1.16	cps
Lead	208-1	3832002	3794338	3882539	3836293	1.15	cps
Lithium	6-1	8091572	8054377	8210117	8118689	1.00	cps
Magnesium	24-2	288601	295425	290543	291523	1.21	cps
Manganese	55-2	149071	143530	141443	144682	2.72	cps
Molybdenum	94-1	14443230	14744202	14504657	14564030	1.09	cps
Molybdenum	95-1	21118247	20696197	20398103	20737516	1.74	cps
Molybdenum	96-1	23766235	22570219	22738523	23024993	2.81	cps
Molybdenum	97-1	12718213	12608942	12676247	12667801	0.44	cps
Molybdenum	98-1	32798430	33158464	32600707	32852534	0.86	cps
Neodymium	150-1	47	53	33	44	22.92	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	138394	136836	134242	136491	1.54	cps
Phosphorus	31-2	350	475	275	367	27.56	cps
Potassium	39-2	371501	367359	369614	369491	0.56	cps
Rhodium	103-1	11233813	11204459	10927218	11121830	1.52	cps
Rhodium	103-2	5041018	5222750	5324056	5195941	2.76	cps
Scandium	45-1	9588669	9689242	9306277	9528062	2.08	cps
Scandium	45-2	330759	335650	332673	333027	0.74	cps
Selenium	82-1	41989	42108	42057	42051	0.14	cps
Selenium	77-2	1533	1303	1277	1371	10.29	cps
Selenium	78-2	4889	4699	4734	4774	2.12	cps
Silicon	28-1	4936173	4858192	5089139	4961168	2.37	cps
Silver	107-1	584874	567163	546595	566211	3.38	cps
Silver	109-1	538657	532904	530309	533957	0.80	cps
Sodium	23-2	968408	948767	937940	951705	1.62	cps
Strontium	86-1	1448719	1467116	1445470	1453768	0.80	cps
Strontium	88-1	12347642	12137803	12128534	12204660	1.02	cps
Sulfur	34-1	511742	506491	509247	509160	0.52	cps
Terbium	159-1	12119215	12406179	11813121	12112838	2.45	cps
Terbium	159-2	5737531	5968941	5825142	5843871	2.00	cps
Thallium	203-1	1171452	1184121	1173231	1176268	0.58	cps
Thallium	205-1	2962652	2881188	2997465	2947102	2.02	cps
Tin	118-1	3278478	3404706	3251317	3311500	2.47	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICV56	Instrumnet Name :	P8
Client Sample ID :	ICV56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:23:38	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7341210	7260947	7232749	7278302	0.77	cps
Uranium	238-1	8531085	8410162	8630625	8523957	1.30	cps
Vanadium	51-2	216105	213966	211563	213878	1.06	cps
Ytterbium	172-1	42	67	50	53	24.12	cps
Ytterbium	172-2	39	33	44	39	14.30	cps
Ytterbium	176-1	8761	8703	8820	8761	0.67	cps
Ytterbium	176-2	14230	15548	15387	15055	4.78	cps
Yttrium	89-1	19740531	19312119	20211130	19754593	2.28	cps
Yttrium	89-2	2305921	2410975	2367712	2361536	2.24	cps
Zinc	66-2	88236	87006	86784	87342	0.90	cps
Zirconium	90-1	7426215	7475201	7677271	7526229	1.77	cps
Zirconium	91-1	1731943	1676766	1725908	1711539	1.77	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : ICB56 Instrumnet Name : P8
 Client Sample ID : ICB56 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 14:27:54 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221	229	195	215	8.24	cps
Antimony	121-1	417	600	592	536	19.31	cps
Arsenic	75-2	12	7	12	10	27.94	cps
Barium	135-1	50	42	25	39	32.73	cps
Barium	137-1	33	58	50	47	26.97	cps
Beryllium	9-1	70	51	74	65	18.55	cps
Bismuth	209-1	6607173	6487012	6115294	6403160	4.00	cps
Bismuth	209-2	3972160	4093267	3756971	3940799	4.32	cps
Boron	10-1	9281	9153	9279	9238	0.79	cps
Boron	11-1	42585	41559	39978	41374	3.17	cps
Bromine	81-1	84523	76066	80565	80384	5.26	cps
Cadmium	111-1	68	73	71	71	3.97	cps
Cadmium	106-1	7969	8103	7419	7830	4.63	cps
Cadmium	108-1	71	71	88	76	12.60	cps
Calcium	43-1	466	397	459	441	8.55	cps
Calcium	44-1	18062	18043	17646	17917	1.31	cps
Carbon	12-1	5691661	5770783	5800367	5754270	0.98	cps
Carbon	12-2	64885	62441	64367	63898	2.02	cps
Chlorine	35-1	441544	437948	443201	440898	0.61	cps
Chlorine	35-2	3350	3317	3376	3348	0.87	cps
Chromium	52-2	753	777	873	801	7.94	cps
Cobalt	59-2	73	70	50	64	19.58	cps
Copper	63-2	2404	2504	2524	2477	2.60	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	67	17	36	74.18	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	150	83	67	100	44.09	cps
Gadolinium	160-2	160	120	140	140	14.29	cps
Holmium	165-1	11275616	11224319	11484856	11328264	1.22	cps
Holmium	165-2	5813311	5805608	5465657	5694858	3.49	cps
Indium	115-1	11354113	11085213	11104903	11181410	1.34	cps
Indium	115-2	1936752	1948122	1872068	1918981	2.14	cps
Iron	54-2	1267	1256	1150	1224	5.26	cps
Iron	56-2	7107	7624	7119	7283	4.05	cps
Iron	57-2	250	139	228	206	28.60	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : ICB56 Instrumnet Name : P8
 Client Sample ID : ICB56 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 14:27:54 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	544	599	551	565	5.28	cps
Lead	206-1	1256	1083	1183	1174	7.37	cps
Lead	207-1	1083	1050	1022	1052	2.91	cps
Lead	208-1	4884	4562	4800	4749	3.52	cps
Lithium	6-1	8116821	7893775	7760331	7923642	2.27	cps
Magnesium	24-2	433	358	417	403	9.78	cps
Manganese	55-2	60	127	103	97	35.00	cps
Molybdenum	94-1	1083	1092	1042	1072	2.50	cps
Molybdenum	95-1	1550	1208	1108	1289	17.97	cps
Molybdenum	96-1	2050	1675	1575	1767	14.18	cps
Molybdenum	97-1	1033	850	708	864	18.86	cps
Molybdenum	98-1	2750	2100	1817	2222	21.53	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70	67	63	67	5.00	cps
Phosphorus	31-2	250	317	208	258	21.15	cps
Potassium	39-2	26984	25974	26792	26583	2.02	cps
Rhodium	103-1	11706995	10950393	10749780	11135722	4.53	cps
Rhodium	103-2	5328204	5335345	4896917	5186822	4.84	cps
Scandium	45-1	9679347	9532292	9543379	9585006	0.85	cps
Scandium	45-2	336508	341582	322793	333627	2.91	cps
Selenium	82-1	74	-55	75	31	239.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	116	102	105	108	6.85	cps
Silicon	28-1	953237	943416	932079	942911	1.12	cps
Silver	107-1	325	333	292	317	6.96	cps
Silver	109-1	183	250	208	214	15.75	cps
Sodium	23-2	29522	29313	30056	29631	1.29	cps
Strontium	86-1	958	992	1158	1036	10.34	cps
Strontium	88-1	1233	1033	1133	1133	8.82	cps
Sulfur	34-1	518154	511724	512135	514004	0.70	cps
Terbium	159-1	12481048	11528241	11449674	11819655	4.86	cps
Terbium	159-2	5808791	5724264	5382888	5638648	4.00	cps
Thallium	203-1	358	550	542	483	22.41	cps
Thallium	205-1	1275	1167	1125	1189	6.51	cps
Tin	118-1	14117	13549	13632	13766	2.23	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICB56	Instrumnet Name :	P8
Client Sample ID :	ICB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:27:54	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	667	492	531	22.89	cps
Uranium	238-1	92	83	75	83	10.00	cps
Vanadium	51-2	7	10	0	6	91.64	cps
Ytterbium	172-1	67	67	42	58	24.74	cps
Ytterbium	172-2	44	50	33	43	19.93	cps
Ytterbium	176-1	2450	2559	2242	2417	6.66	cps
Ytterbium	176-2	11800	12267	11066	11711	5.17	cps
Yttrium	89-1	19592443	18444293	18805206	18947314	3.10	cps
Yttrium	89-2	2316525	2429953	2244013	2330164	4.02	cps
Zinc	66-2	207	220	217	214	3.24	cps
Zirconium	90-1	825	817	950	864	8.65	cps
Zirconium	91-1	108	133	150	131	16.06	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSA56	Instrumnet Name :	P8
Client Sample ID :	ICSA56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:31:45	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9215306	8964080	9021601	9066996	1.45	cps
Antimony	121-1	7477	7402	7444	7441	0.51	cps
Arsenic	75-2	111	96	68	92	23.81	cps
Barium	135-1	2317	2542	2709	2523	7.79	cps
Barium	137-1	4259	4359	4384	4334	1.53	cps
Beryllium	9-1	1041	1049	1004	1031	2.34	cps
Bismuth	209-1	5571915	5960774	6052712	5861800	4.35	cps
Bismuth	209-2	3639432	3655437	3707791	3667553	0.97	cps
Boron	10-1	8191	7993	8083	8089	1.23	cps
Boron	11-1	35969	37589	36626	36728	2.22	cps
Bromine	81-1	81571	81492	80052	81038	1.06	cps
Cadmium	111-1	1371	1155	1111	1212	11.48	cps
Cadmium	106-1	7711	8144	7953	7936	2.74	cps
Cadmium	108-1	2146	2413	2396	2318	6.44	cps
Calcium	43-1	3392682	3519191	3435490	3449121	1.87	cps
Calcium	44-1	54640904	56055935	55801938	55499592	1.36	cps
Carbon	12-1	44170117	44384702	45170099	44574973	1.18	cps
Carbon	12-2	479534	478774	475656	477988	0.43	cps
Chlorine	35-1	15390711	18712255	21745090	18616018	17.07	cps
Chlorine	35-2	205833	215285	228603	216574	5.28	cps
Chromium	52-2	52777	52142	52018	52312	0.78	cps
Cobalt	59-2	5341	5388	5274	5334	1.07	cps
Copper	63-2	28505	27814	28131	28150	1.23	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	3	20	20	14	66.64	cps
Erbium	164-1	83	100	75	86	14.78	cps
Erbium	164-2	53	33	30	39	32.45	cps
Gadolinium	160-1	150	117	225	164	33.86	cps
Gadolinium	160-2	147	177	190	171	12.97	cps
Holmium	165-1	10844981	11180583	11657938	11227834	3.64	cps
Holmium	165-2	5824782	5955930	5834221	5871644	1.25	cps
Indium	115-1	10713311	11233714	10900485	10949170	2.41	cps
Indium	115-2	1953227	1914938	1881688	1916618	1.87	cps
Iron	54-2	12568477	12378082	12493033	12479864	0.77	cps
Iron	56-2	225972127	227670811	220229172	224624037	1.74	cps
Iron	57-2	5651033	5556543	5613939	5607172	0.85	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSA56	Instrumnet Name :	P8
Client Sample ID :	ICSA56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:31:45	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	554	580	625	586	6.15	cps
Lead	206-1	23065	22575	22448	22696	1.44	cps
Lead	207-1	17684	18508	18363	18185	2.42	cps
Lead	208-1	84090	86280	84708	85026	1.33	cps
Lithium	6-1	7898146	8123926	8187445	8069839	1.88	cps
Magnesium	24-2	24571835	23904870	24311822	24262843	1.39	cps
Manganese	55-2	11151	11214	11291	11219	0.63	cps
Molybdenum	94-1	4743626	4920469	4772731	4812275	1.97	cps
Molybdenum	95-1	8177807	8251304	8363466	8264192	1.13	cps
Molybdenum	96-1	8748993	9093346	8698270	8846870	2.43	cps
Molybdenum	97-1	5098342	5254334	4951505	5101394	2.97	cps
Molybdenum	98-1	13126321	13138163	13375620	13213368	1.06	cps
Neodymium	150-1	47	40	20	36	39.03	cps
Neodymium	150-2	23	3	10	12	83.33	cps
Nickel	60-2	6642	6735	6665	6681	0.73	cps
Phosphorus	31-2	554059	554454	552330	553615	0.20	cps
Potassium	39-2	18367023	17805460	17619819	17930767	2.17	cps
Rhodium	103-1	9761311	10726845	10386293	10291483	4.76	cps
Rhodium	103-2	4951754	4904233	5044151	4966713	1.43	cps
Scandium	45-1	9377741	9714293	10005275	9699103	3.24	cps
Scandium	45-2	340641	350635	346854	346044	1.46	cps
Selenium	82-1	89	141	40	90	56.26	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	99	112	115	109	7.83	cps
Silicon	28-1	1279449	1265870	1250148	1265156	1.16	cps
Silver	107-1	433	508	392	444	13.30	cps
Silver	109-1	475	350	400	408	15.41	cps
Sodium	23-2	47480660	47669850	47661041	47603850	0.22	cps
Strontium	86-1	98910	102141	99640	100230	1.69	cps
Strontium	88-1	848364	869420	855564	857783	1.25	cps
Sulfur	34-1	6489717	6533730	6573353	6532267	0.64	cps
Terbium	159-1	11769005	12046341	12582137	12132494	3.41	cps
Terbium	159-2	5756436	5921987	6001441	5893288	2.12	cps
Thallium	203-1	950	950	1125	1008	10.02	cps
Thallium	205-1	2200	2367	2484	2350	6.06	cps
Tin	118-1	6118	6494	7266	6626	8.83	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSA56	Instrumnet Name :	P8
Client Sample ID :	ICSA56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:31:45	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3147820	3099632	3118962	3122138	0.78	cps
Uranium	238-1	267	275	300	281	6.18	cps
Vanadium	51-2	380	320	353	351	8.56	cps
Ytterbium	172-1	50	92	92	78	30.93	cps
Ytterbium	172-2	39	33	50	41	20.83	cps
Ytterbium	176-1	2159	2325	2250	2245	3.72	cps
Ytterbium	176-2	11233	11110	10921	11088	1.42	cps
Yttrium	89-1	18559076	19149096	20682847	19463673	5.63	cps
Yttrium	89-2	2462730	2404168	2442338	2436412	1.22	cps
Zinc	66-2	5094	4801	5291	5062	4.87	cps
Zirconium	90-1	1092	1217	1533	1281	17.78	cps
Zirconium	91-1	175	183	217	192	11.50	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSAB56	Instrumnet Name :	P8
Client Sample ID :	ICSAB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:34:42	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9140893	8982061	9103935	9075630	0.92	cps
Antimony	121-1	139181	142507	136478	139389	2.17	cps
Arsenic	75-2	5322	4880	5079	5094	4.34	cps
Barium	135-1	39250	38606	38389	38748	1.16	cps
Barium	137-1	68357	65669	64764	66263	2.82	cps
Beryllium	9-1	72940	72679	73942	73187	0.91	cps
Bismuth	209-1	6276888	6286035	6524323	6362416	2.20	cps
Bismuth	209-2	3735702	3625772	3653151	3671542	1.56	cps
Boron	10-1	44308	45247	44412	44656	1.15	cps
Boron	11-1	203676	198320	207415	203137	2.25	cps
Bromine	81-1	85277	85563	88615	86485	2.14	cps
Cadmium	111-1	40842	40033	39338	40071	1.88	cps
Cadmium	106-1	14466	15467	15392	15109	3.69	cps
Cadmium	108-1	6168	6210	6043	6140	1.41	cps
Calcium	43-1	3514415	3451146	3499694	3488418	0.95	cps
Calcium	44-1	55295883	58047563	57136616	56826687	2.47	cps
Carbon	12-1	44583835	44580458	46706124	45290139	2.71	cps
Carbon	12-2	487285	483941	481069	484098	0.64	cps
Chlorine	35-1	25891857	30151719	32029627	29357734	10.71	cps
Chlorine	35-2	270107	277183	288970	278753	3.42	cps
Chromium	52-2	108555	104596	104493	105882	2.19	cps
Cobalt	59-2	98878	98959	98881	98906	0.05	cps
Copper	63-2	97110	97227	95744	96694	0.85	cps
Dysprosium	156-1	58	92	25	58	57.14	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	92	108	58	86	29.57	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	183	150	217	183	18.18	cps
Gadolinium	160-2	153	180	157	163	8.89	cps
Holmium	165-1	12067012	11991442	12512135	12190196	2.31	cps
Holmium	165-2	6079690	5720140	5928481	5909437	3.05	cps
Indium	115-1	11956223	11523949	11530480	11670217	2.12	cps
Indium	115-2	1906949	1916317	1996750	1940005	2.54	cps
Iron	54-2	12941215	12443169	12467965	12617450	2.22	cps
Iron	56-2	229732011	219383605	218438383	222517999	2.82	cps
Iron	57-2	5890942	5842258	5619385	5784195	2.50	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSAB56	Instrumnet Name :	P8
Client Sample ID :	ICSAB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:34:42	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	646	594	654	631	5.18	cps
Lead	206-1	112482	107775	110820	110359	2.16	cps
Lead	207-1	92139	91153	89901	91064	1.23	cps
Lead	208-1	427511	419415	424299	423741	0.96	cps
Lithium	6-1	8876627	8638181	8650325	8721711	1.54	cps
Magnesium	24-2	24029731	24639349	24605849	24424976	1.40	cps
Manganese	55-2	40160	40357	40337	40285	0.27	cps
Molybdenum	94-1	5187350	5184180	5261936	5211155	0.84	cps
Molybdenum	95-1	8687241	8467024	8512022	8555429	1.36	cps
Molybdenum	96-1	9289693	9253145	9299299	9280712	0.26	cps
Molybdenum	97-1	5337532	5319013	5396353	5350966	0.75	cps
Molybdenum	98-1	13505524	13564408	13446720	13505551	0.44	cps
Neodymium	150-1	27	33	33	31	12.36	cps
Neodymium	150-2	40	3	10	18	109.88	cps
Nickel	60-2	31298	31445	31308	31350	0.26	cps
Phosphorus	31-2	545675	550962	551374	549337	0.58	cps
Potassium	39-2	18042896	17405769	18014544	17821070	2.02	cps
Rhodium	103-1	11496522	11037546	11113643	11215904	2.19	cps
Rhodium	103-2	5098340	5123246	5003352	5074979	1.25	cps
Scandium	45-1	10229115	10420773	10559436	10403108	1.59	cps
Scandium	45-2	359124	342785	356689	352866	2.50	cps
Selenium	82-1	4140	4250	4024	4138	2.73	cps
Selenium	77-2	103	133	130	122	13.46	cps
Selenium	78-2	534	507	524	522	2.62	cps
Silicon	28-1	1645994	1625233	1661791	1644339	1.12	cps
Silver	107-1	213048	209710	210439	211066	0.83	cps
Silver	109-1	202951	198736	199950	200546	1.08	cps
Sodium	23-2	46892663	47159309	47499276	47183749	0.64	cps
Strontium	86-1	255707	253052	256277	255012	0.67	cps
Strontium	88-1	2267188	2245245	2280870	2264434	0.79	cps
Sulfur	34-1	6548836	6716017	6659077	6641310	1.28	cps
Terbium	159-1	12759454	12846327	12675301	12760361	0.67	cps
Terbium	159-2	5972025	5748443	5862223	5860897	1.91	cps
Thallium	203-1	108740	106893	109002	108212	1.06	cps
Thallium	205-1	270353	259259	262377	263997	2.17	cps
Tin	118-1	348791	344492	346338	346540	0.62	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	ICSAB56	Instrumnet Name :	P8
Client Sample ID :	ICSAB56	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:34:42	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3181091	3311358	3415283	3302577	3.55	cps
Uranium	238-1	815594	785065	776858	792506	2.58	cps
Vanadium	51-2	42226	42436	41828	42163	0.73	cps
Ytterbium	172-1	83	42	50	58	37.80	cps
Ytterbium	172-2	56	50	39	48	17.63	cps
Ytterbium	176-1	3576	3042	4067	3562	14.40	cps
Ytterbium	176-2	11566	11238	10860	11222	3.15	cps
Yttrium	89-1	21238690	20448213	20586155	20757686	2.03	cps
Yttrium	89-2	2489763	2427989	2419432	2445728	1.57	cps
Zinc	66-2	12859	13023	13016	12966	0.71	cps
Zirconium	90-1	791672	803723	784138	793178	1.25	cps
Zirconium	91-1	174294	178625	175725	176215	1.25	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:37:40	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4887262	4729493	4617773	4744843	2.85	cps
Antimony	121-1	3328382	3237744	3329485	3298537	1.60	cps
Arsenic	75-2	120644	118188	114877	117903	2.45	cps
Barium	135-1	4696989	4533272	4372733	4534331	3.58	cps
Barium	137-1	7755687	7545013	7595639	7632113	1.44	cps
Beryllium	9-1	1751429	1767105	1802495	1773676	1.47	cps
Bismuth	209-1	5720414	5763530	5968787	5817577	2.28	cps
Bismuth	209-2	3450794	3531532	3545369	3509231	1.46	cps
Boron	10-1	542049	572015	588838	567634	4.18	cps
Boron	11-1	2310232	2512186	2479416	2433945	4.45	cps
Bromine	81-1	81412	82460	85560	83144	2.59	cps
Cadmium	111-1	1002622	997648	994995	998422	0.39	cps
Cadmium	106-1	134059	130374	134035	132822	1.60	cps
Cadmium	108-1	87581	89678	87715	88324	1.33	cps
Calcium	43-1	8706930	8696315	8481677	8628308	1.47	cps
Calcium	44-1	140570316	135424085	135442987	137145796	2.16	cps
Carbon	12-1	8682212	8946503	9412003	9013572	4.10	cps
Carbon	12-2	115629	115334	115915	115626	0.25	cps
Chlorine	35-1	8442558	8102272	7577854	8040894	5.42	cps
Chlorine	35-2	56017	51911	50782	52903	5.21	cps
Chromium	52-2	1411623	1374276	1357564	1381154	2.00	cps
Cobalt	59-2	2415712	2363877	2333334	2370974	1.76	cps
Copper	63-2	17699956	17552055	17833870	17695294	0.80	cps
Dysprosium	156-1	525	617	558	567	8.19	cps
Dysprosium	156-2	183	177	220	193	12.07	cps
Erbium	164-1	108	125	92	108	15.38	cps
Erbium	164-2	43	60	63	56	19.29	cps
Gadolinium	160-1	383	408	392	394	3.23	cps
Gadolinium	160-2	227	330	327	294	19.94	cps
Holmium	165-1	12062273	11789654	11926506	11926144	1.14	cps
Holmium	165-2	5625270	5985817	5781817	5797635	3.12	cps
Indium	115-1	11403746	11011431	10622310	11012496	3.55	cps
Indium	115-2	1791056	1941268	1934016	1888780	4.48	cps
Iron	54-2	16276530	15889338	15289900	15818589	3.14	cps
Iron	56-2	285501773	277231206	270312812	277681930	2.74	cps
Iron	57-2	7266476	6952250	6845405	7021377	3.12	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:37:40	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	629	624	681	645	4.94	cps
Lead	206-1	11420031	11714725	11995469	11710075	2.46	cps
Lead	207-1	9473662	9660083	9886646	9673464	2.14	cps
Lead	208-1	44391934	45054134	46323202	45256423	2.17	cps
Lithium	6-1	8176646	8464130	8129779	8256852	2.19	cps
Magnesium	24-2	63223399	61358016	60216418	61599278	2.46	cps
Manganese	55-2	7497191	7430583	7394072	7440615	0.70	cps
Molybdenum	94-1	15474624	15751223	14714094	15313314	3.51	cps
Molybdenum	95-1	22371991	22956580	22232343	22520305	1.71	cps
Molybdenum	96-1	23980013	25168884	24491763	24546887	2.43	cps
Molybdenum	97-1	13511459	13558435	13235039	13434978	1.30	cps
Molybdenum	98-1	36010100	35053746	34470987	35178278	2.21	cps
Neodymium	150-1	473	433	420	442	6.28	cps
Neodymium	150-2	40	40	67	49	31.50	cps
Nickel	60-2	664822	640905	628745	644824	2.85	cps
Phosphorus	31-2	58092	57130	54980	56734	2.81	cps
Potassium	39-2	22654398	22479159	22275737	22469765	0.84	cps
Rhodium	103-1	10395518	10296144	10040914	10244192	1.79	cps
Rhodium	103-2	4864240	5020977	4685728	4856982	3.45	cps
Scandium	45-1	10101974	10147194	10068698	10105956	0.39	cps
Scandium	45-2	340315	354034	345927	346758	1.99	cps
Selenium	82-1	101366	102374	100518	101419	0.92	cps
Selenium	77-2	3334	3380	3397	3370	0.97	cps
Selenium	78-2	11857	11386	11284	11509	2.66	cps
Silicon	28-1	42430134	42275102	41245911	41983716	1.53	cps
Silver	107-1	5534702	5565808	5740472	5613661	1.98	cps
Silver	109-1	5348260	5352349	5248876	5316495	1.10	cps
Sodium	23-2	121030707	115433273	118599186	118354389	2.37	cps
Strontium	86-1	37126413	37349952	35597121	36691162	2.60	cps
Strontium	88-1	320969416	332479791	323330149	325593118	1.87	cps
Sulfur	34-1	1165126	1141693	1133452	1146757	1.43	cps
Terbium	159-1	12546108	12021644	11959069	12175607	2.65	cps
Terbium	159-2	5678259	5697019	5720523	5698600	0.37	cps
Thallium	203-1	2850565	2820978	2825989	2832511	0.56	cps
Thallium	205-1	6814767	6550333	6711729	6692277	1.99	cps
Tin	118-1	3280558	3427847	3295187	3334531	2.43	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:37:40	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8009441	7941056	7683574	7878024	2.18	cps
Uranium	238-1	7824144	7978028	8431338	8077837	3.91	cps
Vanadium	51-2	1109190	1087396	1072323	1089636	1.70	cps
Ytterbium	172-1	200	200	167	189	10.19	cps
Ytterbium	172-2	78	100	100	93	13.85	cps
Ytterbium	176-1	9946	9737	9145	9609	4.32	cps
Ytterbium	176-2	13657	14686	14870	14404	4.54	cps
Yttrium	89-1	20073435	20065557	19584350	19907781	1.41	cps
Yttrium	89-2	2347237	2446599	2449180	2414339	2.41	cps
Zinc	66-2	2233216	2152685	2107094	2164332	2.95	cps
Zirconium	90-1	8083091	7994528	7946904	8008174	0.86	cps
Zirconium	91-1	1858375	1865178	1829768	1851107	1.02	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:50:06	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2304	2151	2851	2435	15.12	cps
Antimony	121-1	13198	13832	13907	13646	2.85	cps
Arsenic	75-2	308	273	269	283	7.57	cps
Barium	135-1	17203	16586	16794	16861	1.86	cps
Barium	137-1	29132	28589	29299	29007	1.28	cps
Beryllium	9-1	4104	4050	3959	4038	1.82	cps
Bismuth	209-1	5993062	6435317	6686778	6371719	5.51	cps
Bismuth	209-2	3877782	3905062	4052247	3945031	2.38	cps
Boron	10-1	24107	24646	24352	24368	1.11	cps
Boron	11-1	105321	108241	113575	109046	3.84	cps
Bromine	81-1	85259	84757	80394	83470	3.21	cps
Cadmium	111-1	2170	2146	2341	2219	4.79	cps
Cadmium	106-1	7369	8078	7586	7677	4.73	cps
Cadmium	108-1	238	288	217	247	14.73	cps
Calcium	43-1	17984	18154	17510	17883	1.87	cps
Calcium	44-1	301925	301899	295692	299839	1.20	cps
Carbon	12-1	5888103	6066390	6061762	6005419	1.69	cps
Carbon	12-2	65673	65672	65974	65773	0.26	cps
Chlorine	35-1	1403349	1392526	1332604	1376159	2.77	cps
Chlorine	35-2	10087	9854	9687	9876	2.04	cps
Chromium	52-2	5981	5765	5978	5908	2.10	cps
Cobalt	59-2	4884	4801	4911	4865	1.18	cps
Copper	63-2	10354	10160	10891	10468	3.62	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	33	23	33	30	19.25	cps
Gadolinium	160-1	108	167	108	128	26.35	cps
Gadolinium	160-2	150	213	147	170	22.10	cps
Holmium	165-1	10927390	11533024	11789491	11416635	3.88	cps
Holmium	165-2	5698583	5754553	5748623	5733920	0.54	cps
Indium	115-1	10665896	11479565	11564681	11236714	4.42	cps
Indium	115-2	1910097	2005045	1976262	1963801	2.48	cps
Iron	54-2	7802	7107	8453	7788	8.64	cps
Iron	56-2	120153	117963	143308	127142	11.05	cps
Iron	57-2	2945	3039	3456	3147	8.65	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:50:06	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	572	557	595	575	3.28	cps
Lead	206-1	5546	5724	5757	5675	2.00	cps
Lead	207-1	5129	5246	4801	5059	4.56	cps
Lead	208-1	23142	23659	21807	22869	4.18	cps
Lithium	6-1	8001813	8196053	8157292	8118386	1.27	cps
Magnesium	24-2	130584	130777	130423	130595	0.14	cps
Manganese	55-2	1627	1610	1653	1630	1.34	cps
Molybdenum	94-1	18379	17912	17503	17931	2.45	cps
Molybdenum	95-1	22360	22352	22126	22279	0.59	cps
Molybdenum	96-1	25257	24230	24230	24572	2.41	cps
Molybdenum	97-1	13991	13991	14008	13996	0.07	cps
Molybdenum	98-1	36064	34911	34903	35293	1.89	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	1367	1410	1517	1431	5.39	cps
Phosphorus	31-2	533	508	542	528	3.29	cps
Potassium	39-2	118913	116628	114352	116631	1.96	cps
Rhodium	103-1	10636918	11089715	11187943	10971526	2.68	cps
Rhodium	103-2	5140119	5282329	5377597	5266682	2.27	cps
Scandium	45-1	9308550	9987521	9830262	9708778	3.66	cps
Scandium	45-2	337412	341211	338275	338966	0.59	cps
Selenium	82-1	1110	1111	1062	1095	2.54	cps
Selenium	77-2	33	23	33	30	19.25	cps
Selenium	78-2	239	207	215	220	7.56	cps
Silicon	28-1	975047	969198	969889	971378	0.33	cps
Silver	107-1	11122	11513	12114	11583	4.32	cps
Silver	109-1	11247	11205	10688	11046	2.82	cps
Sodium	23-2	281248	274634	275662	277181	1.28	cps
Strontium	86-1	3959	4993	3892	4281	14.41	cps
Strontium	88-1	30486	32271	27511	30090	7.99	cps
Sulfur	34-1	535361	527925	518107	527131	1.64	cps
Terbium	159-1	11019607	12302553	12294955	11872372	6.22	cps
Terbium	159-2	5766564	5515628	5620503	5634232	2.24	cps
Thallium	203-1	6135	6193	6135	6154	0.55	cps
Thallium	205-1	14842	14542	15293	14892	2.54	cps
Tin	118-1	39893	40052	42024	40656	2.92	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:50:06	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9086	9220	8219	8842	6.15	cps
Uranium	238-1	14968	14951	14058	14659	3.55	cps
Vanadium	51-2	10868	10724	10200	10597	3.31	cps
Ytterbium	172-1	25	50	58	44	39.03	cps
Ytterbium	172-2	50	39	28	39	28.57	cps
Ytterbium	176-1	2392	2292	2375	2353	2.28	cps
Ytterbium	176-2	10688	11717	12250	11552	6.87	cps
Yttrium	89-1	18682051	19311773	20544001	19512608	4.85	cps
Yttrium	89-2	2397999	2393880	2450877	2414252	1.32	cps
Zinc	66-2	1313	1243	1283	1280	2.74	cps
Zirconium	90-1	16202	15968	15668	15946	1.68	cps
Zirconium	91-1	3434	3417	3734	3528	5.05	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:53:12	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	381	299	342	341	12.11	cps
Antimony	121-1	125	150	192	156	21.65	cps
Arsenic	75-2	5	8	5	6	28.87	cps
Barium	135-1	58	25	33	39	44.61	cps
Barium	137-1	75	58	50	61	20.83	cps
Beryllium	9-1	47	60	70	59	19.06	cps
Bismuth	209-1	6347953	6500557	6516603	6455038	1.44	cps
Bismuth	209-2	3983711	3759770	3930135	3891205	3.01	cps
Boron	10-1	10566	10506	9793	10288	4.18	cps
Boron	11-1	47725	45925	43085	45578	5.13	cps
Bromine	81-1	84788	88180	86315	86428	1.97	cps
Cadmium	111-1	74	84	82	80	6.55	cps
Cadmium	106-1	8453	8153	8244	8283	1.86	cps
Cadmium	108-1	63	50	54	56	11.46	cps
Calcium	43-1	677	619	659	652	4.60	cps
Calcium	44-1	20936	21247	21004	21062	0.78	cps
Carbon	12-1	5724442	5625244	5695638	5681775	0.90	cps
Carbon	12-2	61554	61027	62609	61730	1.30	cps
Chlorine	35-1	1116983	1091542	1087085	1098537	1.47	cps
Chlorine	35-2	8228	7652	7510	7797	4.87	cps
Chromium	52-2	850	827	847	841	1.50	cps
Cobalt	59-2	37	50	53	47	18.89	cps
Copper	63-2	2674	2760	2927	2787	4.62	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	17	50	50	66.67	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	108	142	100	117	18.90	cps
Gadolinium	160-2	113	140	147	133	13.23	cps
Holmium	165-1	11294627	11627551	11829085	11583754	2.33	cps
Holmium	165-2	5530510	5463458	5611730	5535233	1.34	cps
Indium	115-1	11501189	12019512	11704134	11741612	2.22	cps
Indium	115-2	1948884	1974201	1909658	1944248	1.67	cps
Iron	54-2	1211	1172	1061	1148	6.78	cps
Iron	56-2	6374	6452	6752	6526	3.06	cps
Iron	57-2	283	206	256	248	15.88	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:53:12	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	626	595	536	586	7.80	cps
Lead	206-1	1289	1183	1122	1198	7.04	cps
Lead	207-1	939	872	1067	959	10.30	cps
Lead	208-1	4806	4695	4639	4713	1.80	cps
Lithium	6-1	8597000	8477965	8314691	8463219	1.67	cps
Magnesium	24-2	550	383	350	428	25.05	cps
Manganese	55-2	97	87	73	86	13.69	cps
Molybdenum	94-1	350	283	358	331	12.43	cps
Molybdenum	95-1	200	183	250	211	16.43	cps
Molybdenum	96-1	450	358	417	408	11.36	cps
Molybdenum	97-1	158	117	192	156	24.16	cps
Molybdenum	98-1	433	308	258	333	27.04	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	73	63	63	67	8.66	cps
Phosphorus	31-2	317	283	350	317	10.53	cps
Potassium	39-2	27828	27627	27243	27566	1.08	cps
Rhodium	103-1	11692446	11446698	11576213	11571786	1.06	cps
Rhodium	103-2	5124034	5350590	5271092	5248572	2.19	cps
Scandium	45-1	9891412	9946540	9503520	9780491	2.47	cps
Scandium	45-2	334183	336114	338395	336231	0.63	cps
Selenium	82-1	-26	15	140	43	201.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	112	116	123	117	4.76	cps
Silicon	28-1	904988	898711	894675	899458	0.58	cps
Silver	107-1	450	450	442	447	1.08	cps
Silver	109-1	283	225	242	250	12.02	cps
Sodium	23-2	37290	38167	37716	37724	1.16	cps
Strontium	86-1	1258	1100	1108	1156	7.71	cps
Strontium	88-1	1650	1267	1267	1395	15.87	cps
Sulfur	34-1	539015	542201	536800	539338	0.50	cps
Terbium	159-1	12103821	12033539	12180448	12105936	0.61	cps
Terbium	159-2	5772258	5458547	5696380	5642395	2.90	cps
Thallium	203-1	700	817	875	797	11.18	cps
Thallium	205-1	1709	1867	1950	1842	6.67	cps
Tin	118-1	4960	5026	4826	4937	2.06	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:53:12	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	467	358	389	17.45	cps
Uranium	238-1	17	17	0	11	86.60	cps
Vanadium	51-2	7	3	23	11	96.43	cps
Ytterbium	172-1	108	67	83	86	24.35	cps
Ytterbium	172-2	44	22	33	33	33.35	cps
Ytterbium	176-1	2584	2417	2175	2392	8.59	cps
Ytterbium	176-2	10593	11244	10632	10823	3.37	cps
Yttrium	89-1	19592903	19547706	19772175	19637595	0.60	cps
Yttrium	89-2	2349301	2411659	2375836	2378932	1.32	cps
Zinc	66-2	243	217	213	224	7.33	cps
Zirconium	90-1	1025	875	875	925	9.36	cps
Zirconium	91-1	142	58	158	119	44.86	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:59:15	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2265	2202	2179	2215	2.01	cps
Antimony	121-1	12823	13173	13399	13132	2.21	cps
Arsenic	75-2	251	292	258	267	8.21	cps
Barium	135-1	17604	17128	16561	17097	3.05	cps
Barium	137-1	30652	30711	29625	30329	2.01	cps
Beryllium	9-1	4068	4188	3916	4057	3.35	cps
Bismuth	209-1	6415870	6440536	6381237	6412548	0.46	cps
Bismuth	209-2	3902835	3891028	3866349	3886737	0.48	cps
Boron	10-1	18388	19309	20891	19529	6.48	cps
Boron	11-1	85581	88581	92251	88804	3.76	cps
Bromine	81-1	83163	90378	92773	88771	5.63	cps
Cadmium	111-1	2448	2290	2326	2355	3.52	cps
Cadmium	106-1	7877	8736	8144	8253	5.33	cps
Cadmium	108-1	175	217	258	217	19.23	cps
Calcium	43-1	17721	17662	17609	17664	0.32	cps
Calcium	44-1	300269	297835	295725	297943	0.76	cps
Carbon	12-1	6272049	6249282	6103637	6208323	1.47	cps
Carbon	12-2	66543	67446	67288	67092	0.72	cps
Chlorine	35-1	883511	867711	853583	868269	1.72	cps
Chlorine	35-2	6285	6427	6418	6377	1.25	cps
Chromium	52-2	6075	6258	5815	6049	3.68	cps
Cobalt	59-2	4858	4704	4948	4836	2.54	cps
Copper	63-2	9954	10537	10507	10333	3.18	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	108	108	75	97	19.80	cps
Gadolinium	160-2	163	137	133	144	11.38	cps
Holmium	165-1	11486701	11452841	11498513	11479352	0.21	cps
Holmium	165-2	5709944	5785493	5654621	5716686	1.15	cps
Indium	115-1	11222508	11163592	11414841	11266980	1.17	cps
Indium	115-2	1971064	1957548	1937713	1955442	0.86	cps
Iron	54-2	7597	7252	7413	7421	2.32	cps
Iron	56-2	119263	121347	119391	120000	0.97	cps
Iron	57-2	3095	3156	3367	3206	4.46	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:59:15	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	592	606	616	605	1.97	cps
Lead	206-1	5335	5312	5712	5453	4.12	cps
Lead	207-1	4690	5034	4729	4818	3.92	cps
Lead	208-1	21480	21885	21546	21637	1.01	cps
Lithium	6-1	8645839	8767733	8977205	8796926	1.91	cps
Magnesium	24-2	129692	128440	129551	129228	0.53	cps
Manganese	55-2	1563	1447	1577	1529	4.68	cps
Molybdenum	94-1	17295	17979	18004	17759	2.27	cps
Molybdenum	95-1	21817	21092	21175	21361	1.86	cps
Molybdenum	96-1	24522	24464	24380	24455	0.29	cps
Molybdenum	97-1	13073	13223	13307	13201	0.90	cps
Molybdenum	98-1	32723	34945	33809	33825	3.28	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1310	1513	1383	1402	7.34	cps
Phosphorus	31-2	600	408	467	492	19.98	cps
Potassium	39-2	116376	117980	117980	117445	0.79	cps
Rhodium	103-1	11212983	11189312	11364611	11255635	0.85	cps
Rhodium	103-2	5292271	5159582	5170959	5207604	1.41	cps
Scandium	45-1	9872268	10041078	9972869	9962072	0.85	cps
Scandium	45-2	341071	339373	340384	340276	0.25	cps
Selenium	82-1	1219	1044	1089	1117	8.13	cps
Selenium	77-2	40	33	27	33	20.00	cps
Selenium	78-2	254	204	219	226	11.37	cps
Silicon	28-1	965875	964846	960607	963776	0.29	cps
Silver	107-1	11205	11597	12031	11611	3.56	cps
Silver	109-1	10988	10896	10863	10916	0.59	cps
Sodium	23-2	271112	268214	266368	268565	0.89	cps
Strontium	86-1	4209	4384	4026	4206	4.26	cps
Strontium	88-1	25507	26417	27269	26398	3.34	cps
Sulfur	34-1	551297	551961	566966	556741	1.59	cps
Terbium	159-1	11906466	11688805	12056785	11884019	1.56	cps
Terbium	159-2	5597856	5662821	5520008	5593562	1.28	cps
Thallium	203-1	6060	6468	5827	6118	5.31	cps
Thallium	205-1	14859	14458	14742	14687	1.40	cps
Tin	118-1	40386	42015	41848	41416	2.16	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 14:59:15	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8695	8303	8286	8428	2.74	cps
Uranium	238-1	14601	14592	14776	14656	0.71	cps
Vanadium	51-2	10808	10441	10547	10598	1.78	cps
Ytterbium	172-1	42	83	50	58	37.80	cps
Ytterbium	172-2	17	39	28	28	39.99	cps
Ytterbium	176-1	2392	2309	2384	2361	1.94	cps
Ytterbium	176-2	11255	11411	10983	11216	1.93	cps
Yttrium	89-1	19529483	20039933	19651356	19740257	1.35	cps
Yttrium	89-2	2468822	2368045	2395445	2410771	2.16	cps
Zinc	66-2	1253	1160	1397	1270	9.39	cps
Zirconium	90-1	15601	16185	15693	15826	1.98	cps
Zirconium	91-1	3467	3601	3634	3567	2.47	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:50:37	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	844	847	825	839	1.44	cps
Antimony	121-1	1817	1750	1859	1809	3.02	cps
Arsenic	75-2	69	72	74	72	3.51	cps
Barium	135-1	2050	2275	2400	2242	7.91	cps
Barium	137-1	3692	3684	3634	3670	0.86	cps
Beryllium	9-1	1031	1005	1041	1026	1.83	cps
Bismuth	209-1	6834379	6304134	6510017	6549510	4.08	cps
Bismuth	209-2	3560291	3781413	3885016	3742240	4.43	cps
Boron	10-1	1474	1542	1528	1514	2.37	cps
Boron	11-1	6448	6710	6568	6576	2.00	cps
Bromine	81-1	90486	87575	88903	88988	1.64	cps
Cadmium	111-1	592	630	585	602	4.01	cps
Cadmium	106-1	8319	8403	8086	8269	1.99	cps
Cadmium	108-1	113	125	125	121	5.97	cps
Calcium	43-1	1616	1627	1524	1589	3.58	cps
Calcium	44-1	33543	33698	33402	33548	0.44	cps
Carbon	12-1	6434955	6549835	6350399	6445063	1.55	cps
Carbon	12-2	67187	68209	69272	68223	1.53	cps
Chlorine	35-1	397737	397394	390433	395188	1.04	cps
Chlorine	35-2	2950	2867	2625	2814	6.00	cps
Chromium	52-2	1417	1413	1370	1400	1.86	cps
Cobalt	59-2	1450	1290	1313	1351	6.40	cps
Copper	63-2	3971	4027	3924	3974	1.30	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	153	123	210	162	27.13	cps
Holmium	165-1	12011844	11519476	11529189	11686837	2.41	cps
Holmium	165-2	5371248	5402964	5673832	5482681	3.03	cps
Indium	115-1	12040787	11401967	11572272	11671676	2.83	cps
Indium	115-2	1909345	1903943	1944061	1919116	1.13	cps
Iron	54-2	2811	2967	2756	2845	3.85	cps
Iron	56-2	34893	34865	34448	34735	0.72	cps
Iron	57-2	922	911	911	915	0.70	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:50:37	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	594	567	595	585	2.65	cps
Lead	206-1	1917	2106	2139	2054	5.84	cps
Lead	207-1	1645	1778	1767	1730	4.28	cps
Lead	208-1	7707	8079	8446	8077	4.58	cps
Lithium	6-1	9760507	9064658	9345903	9390356	3.73	cps
Magnesium	24-2	7869	7019	6935	7274	7.10	cps
Manganese	55-2	977	853	790	873	10.87	cps
Molybdenum	94-1	4467	4476	4409	4451	0.82	cps
Molybdenum	95-1	5510	5360	5309	5393	1.93	cps
Molybdenum	96-1	6343	5760	5993	6032	4.87	cps
Molybdenum	97-1	3351	3542	3667	3520	4.53	cps
Molybdenum	98-1	8670	9145	8236	8684	5.24	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	373	407	350	377	7.56	cps
Phosphorus	31-2	408	292	300	333	19.53	cps
Potassium	39-2	29514	29381	30658	29851	2.35	cps
Rhodium	103-1	11813763	11644385	11385869	11614672	1.86	cps
Rhodium	103-2	5007780	4968924	5114092	5030265	1.49	cps
Scandium	45-1	10600894	10119293	10127307	10282498	2.68	cps
Scandium	45-2	333434	331504	338006	334315	1.00	cps
Selenium	82-1	561	599	566	575	3.54	cps
Selenium	77-2	17	17	13	16	12.40	cps
Selenium	78-2	173	155	150	159	7.59	cps
Silicon	28-1	923727	941849	930135	931904	0.99	cps
Silver	107-1	3050	3367	2975	3131	6.64	cps
Silver	109-1	2850	2975	2750	2859	3.94	cps
Sodium	23-2	42454	43892	42797	43047	1.74	cps
Strontium	86-1	1817	1892	2050	1920	6.21	cps
Strontium	88-1	7519	7577	7277	7458	2.13	cps
Sulfur	34-1	588378	599836	599841	596018	1.11	cps
Terbium	159-1	12433069	11672359	12120085	12075171	3.17	cps
Terbium	159-2	5295678	5534607	5682767	5504351	3.55	cps
Thallium	203-1	1450	1834	1542	1608	12.45	cps
Thallium	205-1	4067	3809	4368	4081	6.85	cps
Tin	118-1	9322	6644	6877	7614	19.49	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:50:37	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2359	2717	2600	2559	7.14	cps
Uranium	238-1	3426	3717	3476	3539	4.41	cps
Vanadium	51-2	577	490	487	518	9.85	cps
Ytterbium	172-1	83	58	58	67	21.66	cps
Ytterbium	172-2	17	28	33	26	32.72	cps
Ytterbium	176-1	2634	2317	2159	2370	10.21	cps
Ytterbium	176-2	12273	11744	12139	12052	2.28	cps
Yttrium	89-1	21114301	19970838	20779621	20621587	2.85	cps
Yttrium	89-2	2312107	2258778	2270943	2280609	1.23	cps
Zinc	66-2	407	390	473	423	10.42	cps
Zirconium	90-1	4626	4676	4317	4540	4.28	cps
Zirconium	91-1	1025	908	967	967	6.03	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : N3214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 15:57:14 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	865	887	809	854	4.75	cps
Antimony	121-1	1767	1675	1934	1792	7.31	cps
Arsenic	75-2	71	76	74	74	3.42	cps
Barium	135-1	2575	1992	2159	2242	13.40	cps
Barium	137-1	3951	3792	3584	3776	4.87	cps
Beryllium	9-1	1056	1081	1009	1049	3.51	cps
Bismuth	209-1	6621128	6542773	6443721	6535874	1.36	cps
Bismuth	209-2	3848116	3915095	3957593	3906935	1.41	cps
Boron	10-1	2534	2494	2226	2418	6.93	cps
Boron	11-1	10878	10768	10312	10652	2.82	cps
Bromine	81-1	88807	84361	89721	87629	3.27	cps
Cadmium	111-1	628	519	610	586	10.01	cps
Cadmium	106-1	8128	8053	8695	8292	4.23	cps
Cadmium	108-1	88	100	104	97	8.92	cps
Calcium	43-1	1465	1565	1539	1523	3.40	cps
Calcium	44-1	33477	33396	33430	33434	0.12	cps
Carbon	12-1	6589742	6389020	6386970	6455244	1.80	cps
Carbon	12-2	69465	68661	69029	69051	0.58	cps
Chlorine	35-1	387835	382259	376796	382297	1.44	cps
Chlorine	35-2	2734	2742	2792	2756	1.14	cps
Chromium	52-2	1540	1440	1420	1467	4.38	cps
Cobalt	59-2	1237	1157	1260	1218	4.45	cps
Copper	63-2	4084	4047	4081	4071	0.50	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-1	100	100	125	108	13.32	cps
Gadolinium	160-2	140	123	147	137	8.79	cps
Holmium	165-1	11827602	11495003	11213376	11511994	2.67	cps
Holmium	165-2	5841166	5805331	5987701	5878066	1.64	cps
Indium	115-1	11167226	11473699	11428806	11356577	1.46	cps
Indium	115-2	1853288	1952743	1942579	1916203	2.86	cps
Iron	54-2	2889	2900	2806	2865	1.80	cps
Iron	56-2	35194	34760	34637	34863	0.84	cps
Iron	57-2	850	1017	889	919	9.49	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:57:14	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	550	600	570	573	4.39	cps
Lead	206-1	2061	2050	2211	2108	4.27	cps
Lead	207-1	1884	1728	1889	1834	4.99	cps
Lead	208-1	8629	8218	8201	8349	2.90	cps
Lithium	6-1	9303741	9014619	9049008	9122456	1.73	cps
Magnesium	24-2	6969	6860	7435	7088	4.31	cps
Manganese	55-2	773	763	893	810	8.93	cps
Molybdenum	94-1	4468	4468	4476	4470	0.11	cps
Molybdenum	95-1	5585	5560	5268	5471	3.22	cps
Molybdenum	96-1	6535	5960	6543	6346	5.27	cps
Molybdenum	97-1	3225	3359	3417	3334	2.95	cps
Molybdenum	98-1	8853	8828	8761	8814	0.54	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	407	437	333	392	13.55	cps
Phosphorus	31-2	392	367	333	364	8.04	cps
Potassium	39-2	29840	29414	29080	29444	1.29	cps
Rhodium	103-1	11391414	11509684	11156587	11352562	1.58	cps
Rhodium	103-2	5164290	5328344	5308251	5266962	1.70	cps
Scandium	45-1	10159138	10262251	10226813	10216067	0.51	cps
Scandium	45-2	349508	348435	340697	346213	1.39	cps
Selenium	82-1	501	515	600	539	9.93	cps
Selenium	77-2	27	17	23	22	22.91	cps
Selenium	78-2	165	157	165	162	2.84	cps
Silicon	28-1	946405	922438	910164	926336	1.99	cps
Silver	107-1	3192	3201	3459	3284	4.62	cps
Silver	109-1	2659	3159	2492	2770	12.53	cps
Sodium	23-2	42672	43976	42880	43176	1.62	cps
Strontium	86-1	1667	1900	1692	1753	7.31	cps
Strontium	88-1	7552	7611	7352	7505	1.81	cps
Sulfur	34-1	595349	595521	605640	598837	0.98	cps
Terbium	159-1	11663093	12225289	12359742	12082708	3.06	cps
Terbium	159-2	5722768	5514351	5803572	5680230	2.63	cps
Thallium	203-1	1608	1725	1408	1581	10.13	cps
Thallium	205-1	3926	3842	4001	3923	2.02	cps
Tin	118-1	6669	6987	98507	37388	141.57	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 15:57:14	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2334	2417	2809	2520	10.07	cps
Uranium	238-1	3459	3709	3826	3665	5.11	cps
Vanadium	51-2	507	513	617	546	11.31	cps
Ytterbium	172-1	50	42	50	47	10.18	cps
Ytterbium	172-2	50	39	33	41	20.83	cps
Ytterbium	176-1	2409	2584	2400	2464	4.20	cps
Ytterbium	176-2	11016	11527	11700	11414	3.12	cps
Yttrium	89-1	20348067	19372496	19689562	19803375	2.51	cps
Yttrium	89-2	2332389	2418767	2376731	2375962	1.82	cps
Zinc	66-2	447	430	480	452	5.63	cps
Zirconium	90-1	4776	4117	4434	4442	7.41	cps
Zirconium	91-1	967	1050	1225	1081	12.20	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:01:27	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2347	2305	2277	2310	1.53	cps
Antimony	121-1	13490	12990	12423	12968	4.12	cps
Arsenic	75-2	287	269	285	280	3.52	cps
Barium	135-1	17771	17921	16903	17531	3.14	cps
Barium	137-1	29600	30318	27988	29302	4.07	cps
Beryllium	9-1	4234	4178	4290	4234	1.33	cps
Bismuth	209-1	6471748	6374709	6423551	6423336	0.76	cps
Bismuth	209-2	4052799	4028278	3941272	4007450	1.46	cps
Boron	10-1	13820	15343	15745	14969	6.78	cps
Boron	11-1	62509	67442	71660	67204	6.82	cps
Bromine	81-1	93812	89448	87897	90386	3.39	cps
Cadmium	111-1	2285	2268	2438	2330	4.01	cps
Cadmium	106-1	8761	8353	8086	8400	4.05	cps
Cadmium	108-1	283	225	258	256	11.45	cps
Calcium	43-1	18173	17908	17707	17929	1.30	cps
Calcium	44-1	301916	301324	298889	300710	0.53	cps
Carbon	12-1	6450548	6285357	6373769	6369891	1.30	cps
Carbon	12-2	67564	68870	66727	67720	1.60	cps
Chlorine	35-1	401520	399323	396858	399234	0.58	cps
Chlorine	35-2	3167	2959	2875	3000	5.01	cps
Chromium	52-2	6248	6475	6091	6271	3.07	cps
Cobalt	59-2	5104	5011	5048	5054	0.93	cps
Copper	63-2	10100	9587	9897	9861	2.62	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	67	150	92	103	41.61	cps
Gadolinium	160-2	137	160	107	134	19.88	cps
Holmium	165-1	11132343	11684130	11281640	11366037	2.51	cps
Holmium	165-2	5960733	5563095	5767150	5763659	3.45	cps
Indium	115-1	11667244	11742490	11396266	11602000	1.57	cps
Indium	115-2	1954240	1960782	1918293	1944438	1.18	cps
Iron	54-2	7708	7769	8186	7888	3.30	cps
Iron	56-2	124093	122311	122887	123097	0.74	cps
Iron	57-2	3384	2967	3173	3174	6.56	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:01:27	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	616	659	550	608	9.01	cps
Lead	206-1	5090	5485	5129	5235	4.15	cps
Lead	207-1	4440	4390	5046	4625	7.89	cps
Lead	208-1	20907	21452	21252	21204	1.30	cps
Lithium	6-1	9462799	9104702	8692685	9086729	4.24	cps
Magnesium	24-2	136473	133444	131214	133710	1.97	cps
Manganese	55-2	1650	1597	1617	1621	1.66	cps
Molybdenum	94-1	18304	18496	17887	18229	1.71	cps
Molybdenum	95-1	22051	21993	21576	21873	1.19	cps
Molybdenum	96-1	24472	23821	24330	24208	1.41	cps
Molybdenum	97-1	14400	13307	13382	13696	4.46	cps
Molybdenum	98-1	35981	34326	35045	35118	2.36	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1477	1510	1443	1477	2.26	cps
Phosphorus	31-2	408	483	458	450	8.49	cps
Potassium	39-2	122114	117922	116931	118989	2.31	cps
Rhodium	103-1	11455787	11174045	11469479	11366437	1.47	cps
Rhodium	103-2	5239430	5381273	5304995	5308566	1.34	cps
Scandium	45-1	10061035	10214505	9973922	10083154	1.21	cps
Scandium	45-2	357465	347767	347844	351025	1.59	cps
Selenium	82-1	1116	1094	1147	1119	2.41	cps
Selenium	77-2	23	33	37	31	22.31	cps
Selenium	78-2	216	292	207	238	19.59	cps
Silicon	28-1	982278	999950	980382	987537	1.09	cps
Silver	107-1	11722	12506	12081	12103	3.24	cps
Silver	109-1	11580	10830	11539	11316	3.73	cps
Sodium	23-2	275211	268940	271539	271897	1.16	cps
Strontium	86-1	3892	4001	4176	4023	3.55	cps
Strontium	88-1	26885	27002	25908	26598	2.26	cps
Sulfur	34-1	590049	588413	592877	590446	0.38	cps
Terbium	159-1	12177329	11909241	11980919	12022496	1.15	cps
Terbium	159-2	5717731	5701435	5721381	5713516	0.19	cps
Thallium	203-1	5785	5576	6018	5793	3.82	cps
Thallium	205-1	13891	13599	13733	13741	1.06	cps
Tin	118-1	41689	41982	40261	41311	2.23	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:01:27	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8478	8661	8328	8489	1.97	cps
Uranium	238-1	14817	14617	14050	14495	2.75	cps
Vanadium	51-2	11465	10434	10647	10849	5.02	cps
Ytterbium	172-1	75	83	83	81	5.98	cps
Ytterbium	172-2	22	11	33	22	50.00	cps
Ytterbium	176-1	2584	2359	2484	2475	4.56	cps
Ytterbium	176-2	11033	11939	11511	11494	3.94	cps
Yttrium	89-1	19679216	19650385	19800974	19710192	0.41	cps
Yttrium	89-2	2396710	2362219	2347420	2368783	1.07	cps
Zinc	66-2	1170	1327	1257	1251	6.27	cps
Zirconium	90-1	15350	15684	16335	15790	3.17	cps
Zirconium	91-1	3300	3501	3476	3426	3.18	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:04:34	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2330	2244	2232	2269	2.35	cps
Antimony	121-1	13215	12723	12606	12848	2.52	cps
Arsenic	75-2	284	288	274	282	2.56	cps
Barium	135-1	16861	16919	16711	16830	0.64	cps
Barium	137-1	29433	29925	29066	29475	1.46	cps
Beryllium	9-1	4338	4251	4089	4226	2.99	cps
Bismuth	209-1	6307593	6414092	6342050	6354578	0.86	cps
Bismuth	209-2	3821861	3868853	3951148	3880620	1.69	cps
Boron	10-1	15125	15703	16662	15830	4.91	cps
Boron	11-1	67652	71235	75632	71506	5.59	cps
Bromine	81-1	88714	88363	92184	89753	2.35	cps
Cadmium	111-1	2256	2378	2149	2261	5.09	cps
Cadmium	106-1	9045	7944	7844	8278	8.05	cps
Cadmium	108-1	258	246	233	246	5.08	cps
Calcium	43-1	17761	18010	18115	17962	1.01	cps
Calcium	44-1	300864	300718	298202	299928	0.50	cps
Carbon	12-1	6271415	6281916	6231972	6261768	0.42	cps
Carbon	12-2	67765	67079	66450	67098	0.98	cps
Chlorine	35-1	404360	412753	400826	405980	1.51	cps
Chlorine	35-2	3109	2750	2917	2925	6.13	cps
Chromium	52-2	6328	6171	5915	6138	3.40	cps
Cobalt	59-2	4901	4961	5001	4954	1.02	cps
Copper	63-2	9683	9597	9773	9684	0.91	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	23	33	30	29	17.63	cps
Gadolinium	160-1	158	117	67	114	40.30	cps
Gadolinium	160-2	133	147	123	134	8.71	cps
Holmium	165-1	11498024	11523148	11889426	11636866	1.88	cps
Holmium	165-2	5625122	5380429	5820127	5608559	3.93	cps
Indium	115-1	11925967	11551663	11411587	11629739	2.29	cps
Indium	115-2	1910430	1915077	2011845	1945784	2.94	cps
Iron	54-2	7875	8308	7547	7910	4.83	cps
Iron	56-2	120860	121873	119560	120764	0.96	cps
Iron	57-2	3350	3267	2911	3176	7.34	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:04:34	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	592	634	635	620	3.90	cps
Lead	206-1	5362	5073	5701	5379	5.84	cps
Lead	207-1	4718	4634	4629	4660	1.07	cps
Lead	208-1	21841	20829	21168	21279	2.42	cps
Lithium	6-1	9234808	8995902	8985594	9072101	1.55	cps
Magnesium	24-2	134402	133409	124834	130881	4.02	cps
Manganese	55-2	1667	1587	1693	1649	3.37	cps
Molybdenum	94-1	17445	18104	17645	17731	1.91	cps
Molybdenum	95-1	21884	21225	22469	21859	2.85	cps
Molybdenum	96-1	24222	25182	24639	24681	1.95	cps
Molybdenum	97-1	14074	13190	13282	13515	3.60	cps
Molybdenum	98-1	34435	35187	33349	34324	2.69	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1373	1400	1280	1351	4.66	cps
Phosphorus	31-2	442	508	317	422	23.05	cps
Potassium	39-2	118712	119341	116494	118183	1.27	cps
Rhodium	103-1	11742886	11808491	11458714	11670030	1.59	cps
Rhodium	103-2	5162662	5388134	5382410	5311069	2.42	cps
Scandium	45-1	10227192	10237269	10396240	10286900	0.92	cps
Scandium	45-2	344834	342761	351131	346242	1.26	cps
Selenium	82-1	1029	1047	1037	1038	0.90	cps
Selenium	77-2	33	40	33	36	10.83	cps
Selenium	78-2	240	224	222	229	4.32	cps
Silicon	28-1	979064	980149	970776	976663	0.52	cps
Silver	107-1	12272	12239	11889	12133	1.75	cps
Silver	109-1	11272	11122	10896	11096	1.70	cps
Sodium	23-2	272081	269023	261469	267524	2.04	cps
Strontium	86-1	3801	4051	4276	4042	5.88	cps
Strontium	88-1	26467	27194	27219	26960	1.58	cps
Sulfur	34-1	603178	589839	593760	595593	1.15	cps
Terbium	159-1	12542808	12573596	12276260	12464221	1.31	cps
Terbium	159-2	5689245	5497070	5773699	5653338	2.51	cps
Thallium	203-1	5585	5210	5210	5335	4.06	cps
Thallium	205-1	13124	13157	13157	13146	0.15	cps
Tin	118-1	42166	40210	40060	40812	2.88	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:04:34	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8294	8136	8478	8303	2.06	cps
Uranium	238-1	14659	14609	14392	14553	0.98	cps
Vanadium	51-2	10637	10651	10694	10661	0.28	cps
Ytterbium	172-1	25	67	42	44	47.19	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	2450	2584	2525	2520	2.65	cps
Ytterbium	176-2	11038	11110	11177	11109	0.63	cps
Yttrium	89-1	20310864	21085271	20976721	20790952	2.02	cps
Yttrium	89-2	2355977	2435063	2418384	2403141	1.73	cps
Zinc	66-2	1267	1283	1313	1288	1.84	cps
Zirconium	90-1	15684	16560	15910	16051	2.83	cps
Zirconium	91-1	3676	3584	3509	3589	2.33	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:07:42	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2314	2386	2317	2339	1.75	cps
Antimony	121-1	13198	13282	12556	13012	3.05	cps
Arsenic	75-2	283	312	265	287	8.27	cps
Barium	135-1	17312	16694	16903	16969	1.85	cps
Barium	137-1	29809	30276	28022	29369	4.05	cps
Beryllium	9-1	4321	4148	4265	4245	2.09	cps
Bismuth	209-1	6458145	6343301	6230763	6344070	1.79	cps
Bismuth	209-2	3863235	3800139	4137065	3933480	4.55	cps
Boron	10-1	16166	17243	17117	16842	3.50	cps
Boron	11-1	69882	75291	76395	73856	4.72	cps
Bromine	81-1	94667	90431	87373	90824	4.03	cps
Cadmium	111-1	2284	2441	2105	2276	7.39	cps
Cadmium	106-1	8486	8811	8186	8494	3.68	cps
Cadmium	108-1	288	300	242	276	11.11	cps
Calcium	43-1	17869	17866	18344	18027	1.53	cps
Calcium	44-1	298854	300777	307030	302220	1.41	cps
Carbon	12-1	6250363	6176138	6225961	6217487	0.61	cps
Carbon	12-2	68828	66274	67313	67472	1.90	cps
Chlorine	35-1	401480	400719	400543	400914	0.12	cps
Chlorine	35-2	3109	3134	3142	3128	0.55	cps
Chromium	52-2	6181	6281	6111	6191	1.38	cps
Cobalt	59-2	4994	5221	4854	5023	3.68	cps
Copper	63-2	10250	10087	9877	10071	1.86	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	33	17	27	26	32.81	cps
Gadolinium	160-1	133	192	92	139	36.16	cps
Gadolinium	160-2	120	177	143	147	19.42	cps
Holmium	165-1	11424153	11120676	11863145	11469325	3.25	cps
Holmium	165-2	5724148	5680481	5882727	5762452	1.85	cps
Indium	115-1	11499902	11773333	11217206	11496814	2.42	cps
Indium	115-2	2001962	1990825	1980266	1991018	0.54	cps
Iron	54-2	8202	8019	7963	8062	1.55	cps
Iron	56-2	126771	125077	120416	124088	2.65	cps
Iron	57-2	3195	3234	2989	3139	4.18	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:07:42	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	541	572	562	559	2.86	cps
Lead	206-1	5251	5985	5223	5486	7.87	cps
Lead	207-1	4556	4568	4684	4603	1.54	cps
Lead	208-1	20885	21908	21002	21265	2.63	cps
Lithium	6-1	9199605	9127040	8936004	9087549	1.50	cps
Magnesium	24-2	136471	132190	129784	132815	2.55	cps
Manganese	55-2	1703	1637	1600	1647	3.18	cps
Molybdenum	94-1	18087	18421	17670	18059	2.08	cps
Molybdenum	95-1	20908	21626	20825	21119	2.08	cps
Molybdenum	96-1	24197	24965	22953	24038	4.22	cps
Molybdenum	97-1	12598	12965	13432	12998	3.22	cps
Molybdenum	98-1	34602	35505	34235	34780	1.88	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1437	1490	1517	1481	2.75	cps
Phosphorus	31-2	442	408	467	439	6.67	cps
Potassium	39-2	119074	116964	116561	117533	1.15	cps
Rhodium	103-1	11547236	11443001	11356584	11448940	0.83	cps
Rhodium	103-2	5240655	5217026	5352270	5269984	1.37	cps
Scandium	45-1	10157074	10489950	10353589	10333538	1.62	cps
Scandium	45-2	352966	343714	347837	348172	1.33	cps
Selenium	82-1	1176	1166	1090	1144	4.12	cps
Selenium	77-2	30	27	40	32	21.53	cps
Selenium	78-2	256	253	246	252	2.04	cps
Silicon	28-1	954365	982274	980836	972492	1.62	cps
Silver	107-1	10496	11939	12456	11630	8.73	cps
Silver	109-1	11372	11188	11488	11349	1.33	cps
Sodium	23-2	270518	265780	265319	267206	1.08	cps
Strontium	86-1	3801	4709	4284	4265	10.66	cps
Strontium	88-1	25449	27119	27110	26559	3.62	cps
Sulfur	34-1	602850	599760	589604	597405	1.16	cps
Terbium	159-1	12205181	11911616	12373904	12163567	1.92	cps
Terbium	159-2	5699227	5522927	5729611	5650588	1.97	cps
Thallium	203-1	5585	5210	5785	5526	5.28	cps
Thallium	205-1	12673	13499	13583	13252	3.79	cps
Tin	118-1	41756	41497	40536	41263	1.56	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:07:42	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8536	9128	8586	8750	3.75	cps
Uranium	238-1	14417	14442	14467	14442	0.17	cps
Vanadium	51-2	11558	10861	10647	11022	4.32	cps
Ytterbium	172-1	75	42	92	69	36.66	cps
Ytterbium	172-2	50	50	22	41	39.37	cps
Ytterbium	176-1	2592	2217	2559	2456	8.45	cps
Ytterbium	176-2	11789	11172	11522	11494	2.69	cps
Yttrium	89-1	19261627	20512455	20410961	20061681	3.46	cps
Yttrium	89-2	2421080	2383593	2373305	2392660	1.05	cps
Zinc	66-2	1177	1227	1177	1193	2.42	cps
Zirconium	90-1	15818	16827	15576	16074	4.13	cps
Zirconium	91-1	3526	3501	3359	3462	2.60	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:13:57	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2315	2344	2342	2334	0.70	cps
Antimony	121-1	13791	13265	13265	13440	2.26	cps
Arsenic	75-2	278	261	253	264	4.84	cps
Barium	135-1	16677	16619	17145	16814	1.71	cps
Barium	137-1	28931	30327	28856	29371	2.82	cps
Beryllium	9-1	4316	4319	4314	4316	0.06	cps
Bismuth	209-1	6368455	6438073	6496198	6434242	0.99	cps
Bismuth	209-2	3930135	3943027	3970011	3947724	0.52	cps
Boron	10-1	16330	16770	16915	16672	1.83	cps
Boron	11-1	73559	76894	76616	75690	2.44	cps
Bromine	81-1	87656	88673	85773	87367	1.68	cps
Cadmium	111-1	2176	2228	2098	2168	3.03	cps
Cadmium	106-1	8069	8111	8853	8344	5.29	cps
Cadmium	108-1	304	254	267	275	9.46	cps
Calcium	43-1	18511	18140	18120	18257	1.20	cps
Calcium	44-1	296791	303740	303108	301213	1.28	cps
Carbon	12-1	6245491	6149002	6064625	6153039	1.47	cps
Carbon	12-2	65898	66635	66342	66292	0.56	cps
Chlorine	35-1	384519	389128	392209	388619	1.00	cps
Chlorine	35-2	2842	2884	3109	2945	4.87	cps
Chromium	52-2	6315	6175	6281	6257	1.17	cps
Cobalt	59-2	5088	4731	5184	5001	4.78	cps
Copper	63-2	9930	9507	9720	9719	2.18	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	83	42	56	43.30	cps
Erbium	164-2	17	30	33	27	33.06	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	170	147	120	146	17.19	cps
Holmium	165-1	11505621	11679590	11941573	11708928	1.87	cps
Holmium	165-2	5732664	5717074	5805239	5751659	0.82	cps
Indium	115-1	11669278	11311295	11568234	11516269	1.60	cps
Indium	115-2	1954995	1900903	1932010	1929303	1.41	cps
Iron	54-2	7880	7847	7430	7719	3.25	cps
Iron	56-2	124989	122506	121139	122878	1.59	cps
Iron	57-2	3011	3073	3178	3087	2.73	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:13:57	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	542	591	641	592	8.35	cps
Lead	206-1	5146	5112	5246	5168	1.34	cps
Lead	207-1	4684	4506	4601	4597	1.94	cps
Lead	208-1	20729	20963	21002	20898	0.71	cps
Lithium	6-1	9107363	9088363	9148804	9114843	0.34	cps
Magnesium	24-2	134393	127382	130129	130635	2.70	cps
Manganese	55-2	1750	1830	1583	1721	7.31	cps
Molybdenum	94-1	18046	18404	18096	18182	1.07	cps
Molybdenum	95-1	21100	22026	21325	21484	2.25	cps
Molybdenum	96-1	25365	24956	23654	24659	3.62	cps
Molybdenum	97-1	13315	13048	13590	13318	2.04	cps
Molybdenum	98-1	34118	33550	35237	34302	2.50	cps
Neodymium	150-1	0	33	0	11	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1350	1370	1350	1357	0.85	cps
Phosphorus	31-2	558	467	442	489	12.57	cps
Potassium	39-2	117972	115603	116897	116824	1.02	cps
Rhodium	103-1	11480827	11403926	11762107	11548954	1.63	cps
Rhodium	103-2	5293373	5151636	5326349	5257119	1.77	cps
Scandium	45-1	9987072	10177663	10564783	10243173	2.87	cps
Scandium	45-2	356892	345981	347266	350047	1.70	cps
Selenium	82-1	1189	1080	1154	1141	4.87	cps
Selenium	77-2	33	40	27	33	20.00	cps
Selenium	78-2	218	217	228	221	2.75	cps
Silicon	28-1	980683	981333	993380	985132	0.73	cps
Silver	107-1	12406	11889	11580	11958	3.49	cps
Silver	109-1	10696	11564	11121	11127	3.90	cps
Sodium	23-2	268969	260924	265151	265014	1.52	cps
Strontium	86-1	4134	3834	4317	4095	5.96	cps
Strontium	88-1	26117	27085	27352	26852	2.42	cps
Sulfur	34-1	601373	605526	594783	600561	0.90	cps
Terbium	159-1	11922768	12510659	12049858	12161095	2.54	cps
Terbium	159-2	5638204	5571943	5679208	5629785	0.96	cps
Thallium	203-1	5868	5310	5593	5590	5.00	cps
Thallium	205-1	12748	14025	14158	13644	5.70	cps
Tin	118-1	40168	39843	40870	40294	1.30	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:13:57	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8503	8920	8511	8644	2.76	cps
Uranium	238-1	14484	13933	14801	14406	3.05	cps
Vanadium	51-2	10991	11091	10928	11003	0.75	cps
Ytterbium	172-1	67	58	58	61	7.87	cps
Ytterbium	172-2	72	33	17	41	69.97	cps
Ytterbium	176-1	2259	2542	2425	2409	5.91	cps
Ytterbium	176-2	11694	11700	11561	11652	0.68	cps
Yttrium	89-1	20370123	20729638	20515679	20538480	0.88	cps
Yttrium	89-2	2330008	2417968	2386491	2378156	1.87	cps
Zinc	66-2	1233	1187	1200	1207	1.99	cps
Zirconium	90-1	16185	15609	16302	16032	2.31	cps
Zirconium	91-1	3292	3592	3642	3509	5.40	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:17:04	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	891	842	799	844	5.48	cps
Antimony	121-1	1692	1742	2167	1867	13.98	cps
Arsenic	75-2	70	60	83	71	16.24	cps
Barium	135-1	2050	2492	2234	2259	9.83	cps
Barium	137-1	3801	3601	3784	3728	2.98	cps
Beryllium	9-1	1067	1042	1024	1044	2.10	cps
Bismuth	209-1	6431877	6229903	6417610	6359797	1.77	cps
Bismuth	209-2	4076867	3982114	3892782	3983921	2.31	cps
Boron	10-1	4016	3716	3722	3818	4.49	cps
Boron	11-1	17459	16634	16244	16779	3.70	cps
Bromine	81-1	89100	86971	90479	88850	1.99	cps
Cadmium	111-1	617	555	506	559	9.90	cps
Cadmium	106-1	8836	8461	7827	8375	6.09	cps
Cadmium	108-1	108	96	121	108	11.54	cps
Calcium	43-1	1484	1495	1494	1491	0.41	cps
Calcium	44-1	33303	33957	33236	33498	1.19	cps
Carbon	12-1	6426397	6444309	6433173	6434627	0.14	cps
Carbon	12-2	68510	68745	68008	68421	0.55	cps
Chlorine	35-1	370776	371280	367630	369895	0.53	cps
Chlorine	35-2	2709	2525	2642	2625	3.54	cps
Chromium	52-2	1533	1467	1467	1489	2.59	cps
Cobalt	59-2	1300	1353	1240	1298	4.37	cps
Copper	63-2	3964	3984	3944	3964	0.50	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	83	42	50	60.09	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	125	175	125	142	20.38	cps
Gadolinium	160-2	137	173	113	141	21.44	cps
Holmium	165-1	11537745	11427680	11584249	11516558	0.70	cps
Holmium	165-2	5912430	5853708	5643095	5803077	2.44	cps
Indium	115-1	11752126	11658963	11702377	11704489	0.40	cps
Indium	115-2	1992311	1949781	1943020	1961704	1.36	cps
Iron	54-2	2817	2950	2717	2828	4.14	cps
Iron	56-2	35311	35734	35311	35452	0.69	cps
Iron	57-2	1006	944	983	978	3.16	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:17:04	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	609	591	545	582	5.66	cps
Lead	206-1	2139	2150	2245	2178	2.66	cps
Lead	207-1	1845	1872	1850	1856	0.79	cps
Lead	208-1	8246	8523	8312	8360	1.73	cps
Lithium	6-1	9408368	9314780	9012888	9245345	2.24	cps
Magnesium	24-2	7177	7319	7035	7177	1.98	cps
Manganese	55-2	817	847	850	838	2.19	cps
Molybdenum	94-1	4376	4518	4701	4531	3.60	cps
Molybdenum	95-1	5501	5560	5626	5562	1.12	cps
Molybdenum	96-1	6693	6460	6518	6557	1.85	cps
Molybdenum	97-1	3534	3542	3392	3489	2.42	cps
Molybdenum	98-1	8720	8394	8778	8631	2.40	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	370	390	437	399	8.58	cps
Phosphorus	31-2	242	242	433	306	36.21	cps
Potassium	39-2	30174	29305	28704	29394	2.51	cps
Rhodium	103-1	11351466	11001159	11105222	11152616	1.61	cps
Rhodium	103-2	5090953	5343414	5246151	5226839	2.44	cps
Scandium	45-1	10206000	10300509	10397208	10301239	0.93	cps
Scandium	45-2	346833	346222	340935	344663	0.94	cps
Selenium	82-1	502	466	520	496	5.52	cps
Selenium	77-2	20	20	27	22	17.33	cps
Selenium	78-2	156	154	158	156	1.28	cps
Silicon	28-1	936325	919886	920154	925455	1.02	cps
Silver	107-1	3017	3059	3184	3087	2.81	cps
Silver	109-1	2659	2925	2659	2748	5.60	cps
Sodium	23-2	43140	42530	40582	42084	3.17	cps
Strontium	86-1	1959	1892	1525	1792	13.02	cps
Strontium	88-1	8269	7502	7936	7902	4.87	cps
Sulfur	34-1	589986	586165	599924	592025	1.20	cps
Terbium	159-1	12300376	12049079	12298871	12216109	1.18	cps
Terbium	159-2	5865307	5701928	5603568	5723601	2.31	cps
Thallium	203-1	1592	1442	1592	1542	5.62	cps
Thallium	205-1	3617	3751	3884	3751	3.56	cps
Tin	118-1	7111	7044	6168	6775	7.77	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:17:04	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2200	2600	2492	2431	8.51	cps
Uranium	238-1	3526	3651	3842	3673	4.34	cps
Vanadium	51-2	520	497	520	512	2.63	cps
Ytterbium	172-1	58	33	67	53	32.87	cps
Ytterbium	172-2	33	44	39	39	14.30	cps
Ytterbium	176-1	2725	2509	2092	2442	13.18	cps
Ytterbium	176-2	11633	11572	10927	11377	3.44	cps
Yttrium	89-1	20396898	20250125	20351669	20332898	0.37	cps
Yttrium	89-2	2485052	2357625	2391800	2411492	2.74	cps
Zinc	66-2	427	447	457	443	3.45	cps
Zirconium	90-1	5018	4651	4401	4690	6.62	cps
Zirconium	91-1	1000	1008	1108	1039	5.80	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:20:13	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2339	2271	2131	2247	4.71	cps
Antimony	121-1	12781	12706	12172	12553	2.64	cps
Arsenic	75-2	263	271	258	264	2.48	cps
Barium	135-1	16369	17003	16269	16547	2.41	cps
Barium	137-1	29049	29082	29049	29060	0.07	cps
Beryllium	9-1	4105	4199	4115	4140	1.24	cps
Bismuth	209-1	6401036	6402697	6520238	6441324	1.06	cps
Bismuth	209-2	4008035	3945274	3976023	3976444	0.79	cps
Boron	10-1	15155	16638	16290	16028	4.84	cps
Boron	11-1	67395	71752	73907	71018	4.67	cps
Bromine	81-1	87658	85412	87255	86775	1.38	cps
Cadmium	111-1	2435	2396	2195	2342	5.50	cps
Cadmium	106-1	8603	7927	8453	8328	4.26	cps
Cadmium	108-1	217	250	242	236	7.35	cps
Calcium	43-1	17383	17923	17291	17532	1.95	cps
Calcium	44-1	300706	299523	295508	298579	0.91	cps
Carbon	12-1	6170094	6181426	6085896	6145805	0.85	cps
Carbon	12-2	66927	65999	66677	66535	0.72	cps
Chlorine	35-1	384088	385377	384485	384650	0.17	cps
Chlorine	35-2	2909	2709	2492	2703	7.71	cps
Chromium	52-2	6275	6025	5968	6089	2.68	cps
Cobalt	59-2	4938	4744	4838	4840	2.00	cps
Copper	63-2	9570	9447	9273	9430	1.58	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	13	27	17	19	36.75	cps
Gadolinium	160-1	100	133	125	119	14.53	cps
Gadolinium	160-2	153	157	123	144	12.71	cps
Holmium	165-1	11838437	11245283	11120007	11401242	3.37	cps
Holmium	165-2	5871367	5586055	5904302	5787241	3.02	cps
Indium	115-1	11746407	11777820	11083614	11535947	3.40	cps
Indium	115-2	1928592	1914045	1961609	1934749	1.26	cps
Iron	54-2	7813	7430	7830	7691	2.94	cps
Iron	56-2	118317	117844	119268	118476	0.61	cps
Iron	57-2	3234	3239	3139	3204	1.75	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:20:13	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	574	567	586	4.65	cps
Lead	206-1	5079	5296	5379	5251	2.95	cps
Lead	207-1	4434	4423	4606	4488	2.29	cps
Lead	208-1	20679	20451	21591	20907	2.88	cps
Lithium	6-1	9278137	8859349	9113362	9083616	2.32	cps
Magnesium	24-2	134932	129835	130457	131741	2.11	cps
Manganese	55-2	1600	1490	1607	1566	4.19	cps
Molybdenum	94-1	18338	17586	17803	17909	2.16	cps
Molybdenum	95-1	22235	21283	21384	21634	2.42	cps
Molybdenum	96-1	24664	23754	22677	23699	4.20	cps
Molybdenum	97-1	13065	12956	13123	13048	0.65	cps
Molybdenum	98-1	34886	35104	33850	34614	1.94	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1437	1277	1520	1411	8.76	cps
Phosphorus	31-2	492	383	383	419	14.91	cps
Potassium	39-2	116443	115957	113740	115380	1.25	cps
Rhodium	103-1	11639319	11311330	11243706	11398118	1.86	cps
Rhodium	103-2	5211320	5160790	5305398	5225836	1.40	cps
Scandium	45-1	10694759	10139489	10196175	10343474	2.95	cps
Scandium	45-2	346832	344662	337486	342993	1.43	cps
Selenium	82-1	1026	1075	1142	1081	5.40	cps
Selenium	77-2	10	47	27	28	66.09	cps
Selenium	78-2	221	202	229	217	6.38	cps
Silicon	28-1	965300	935485	964978	955254	1.79	cps
Silver	107-1	12347	12306	11180	11944	5.55	cps
Silver	109-1	10454	11038	11063	10852	3.17	cps
Sodium	23-2	273566	260548	266414	266843	2.44	cps
Strontium	86-1	4251	4117	4051	4140	2.46	cps
Strontium	88-1	25992	25031	26108	25710	2.30	cps
Sulfur	34-1	595780	602467	589794	596014	1.06	cps
Terbium	159-1	12247937	12311709	12209641	12256429	0.42	cps
Terbium	159-2	5654810	5504332	5642839	5600660	1.49	cps
Thallium	203-1	5185	5460	5335	5326	2.59	cps
Thallium	205-1	13474	13858	13257	13530	2.25	cps
Tin	118-1	42292	41491	40987	41590	1.58	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3214-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT2-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:20:13	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8444	8519	8419	8461	0.62	cps
Uranium	238-1	14167	14459	15018	14548	2.97	cps
Vanadium	51-2	10327	10687	10421	10478	1.78	cps
Ytterbium	172-1	58	17	25	33	66.13	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	2334	2375	2650	2453	7.02	cps
Ytterbium	176-2	11477	11672	11244	11464	1.87	cps
Yttrium	89-1	20455960	19639941	19777619	19957840	2.19	cps
Yttrium	89-2	2391650	2406784	2426241	2408225	0.72	cps
Zinc	66-2	1170	1270	1233	1225	4.13	cps
Zirconium	90-1	16060	15759	15534	15784	1.67	cps
Zirconium	91-1	3192	3567	3434	3398	5.60	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:26:28	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4602899	4704357	4591709	4632988	1.34	cps
Antimony	121-1	3184471	3210600	3160372	3185148	0.79	cps
Arsenic	75-2	112485	109358	112688	111510	1.67	cps
Barium	135-1	4392313	4554829	4181138	4376093	4.28	cps
Barium	137-1	7716607	7719056	7377932	7604532	2.58	cps
Beryllium	9-1	1814214	1792551	1756384	1787716	1.63	cps
Bismuth	209-1	5629923	5460764	5232737	5441141	3.66	cps
Bismuth	209-2	3461320	3364872	3350660	3392284	1.77	cps
Boron	10-1	570193	582593	607978	586921	3.28	cps
Boron	11-1	2327543	2438137	2473588	2413089	3.16	cps
Bromine	81-1	82045	79449	78179	79891	2.47	cps
Cadmium	111-1	984455	978808	963550	975604	1.11	cps
Cadmium	106-1	130373	130533	128271	129726	0.97	cps
Cadmium	108-1	86059	87207	84584	85950	1.53	cps
Calcium	43-1	8675240	8456579	8267136	8466318	2.41	cps
Calcium	44-1	133440544	130610625	132676976	132242715	1.11	cps
Carbon	12-1	8202029	8661754	9046123	8636635	4.89	cps
Carbon	12-2	107954	107055	109204	108071	1.00	cps
Chlorine	35-1	393731	380231	382038	385333	1.90	cps
Chlorine	35-2	2942	2709	2925	2859	4.55	cps
Chromium	52-2	1310494	1250105	1305807	1288802	2.61	cps
Cobalt	59-2	2319542	2256194	2302363	2292699	1.43	cps
Copper	63-2	17478487	16590300	17527503	17198764	3.07	cps
Dysprosium	156-1	533	592	558	561	5.22	cps
Dysprosium	156-2	200	200	167	189	10.19	cps
Erbium	164-1	75	83	150	103	39.99	cps
Erbium	164-2	47	80	77	68	27.08	cps
Gadolinium	160-1	333	392	333	353	9.55	cps
Gadolinium	160-2	327	240	277	281	15.48	cps
Holmium	165-1	11659693	11142598	10690729	11164340	4.34	cps
Holmium	165-2	5711292	5742842	5572460	5675531	1.60	cps
Indium	115-1	10520190	9965478	9642393	10042687	4.42	cps
Indium	115-2	1810389	1732319	1770636	1771115	2.20	cps
Iron	54-2	15033522	14754798	14792816	14860378	1.02	cps
Iron	56-2	274199023	268540567	273532717	272090769	1.14	cps
Iron	57-2	6858718	6578221	6805987	6747642	2.21	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:26:28	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	599	557	589	582	3.70	cps
Lead	206-1	11488767	11082713	11131597	11234359	1.97	cps
Lead	207-1	9781489	9450654	9402143	9544762	2.16	cps
Lead	208-1	44462981	43322975	43936023	43907326	1.30	cps
Lithium	6-1	8321901	7902726	7597777	7940802	4.58	cps
Magnesium	24-2	61153420	59624906	58630214	59802846	2.13	cps
Manganese	55-2	7166965	7107309	7155416	7143230	0.44	cps
Molybdenum	94-1	15213383	15000187	15092519	15102029	0.71	cps
Molybdenum	95-1	21022695	21090360	20982210	21031755	0.26	cps
Molybdenum	96-1	24312183	23857232	23818804	23996073	1.14	cps
Molybdenum	97-1	13463217	13222939	13194993	13293716	1.11	cps
Molybdenum	98-1	32807657	33784511	33552009	33381392	1.53	cps
Neodymium	150-1	447	553	440	480	13.25	cps
Neodymium	150-2	47	47	33	42	18.24	cps
Nickel	60-2	622408	603324	609734	611822	1.59	cps
Phosphorus	31-2	54671	54077	54035	54261	0.66	cps
Potassium	39-2	22016675	21775748	21327142	21706522	1.61	cps
Rhodium	103-1	9991689	9493467	9175816	9553658	4.30	cps
Rhodium	103-2	4808406	4581097	4750244	4713249	2.51	cps
Scandium	45-1	9726756	8851145	8781785	9119895	5.78	cps
Scandium	45-2	337082	318953	322773	326269	2.93	cps
Selenium	82-1	98863	98865	97591	98440	0.75	cps
Selenium	77-2	3340	3244	3140	3242	3.09	cps
Selenium	78-2	11165	10988	10813	10989	1.60	cps
Silicon	28-1	41867023	40823066	40198639	40962909	2.06	cps
Silver	107-1	5576843	5457604	5461186	5498544	1.23	cps
Silver	109-1	5267634	5401701	5208329	5292555	1.87	cps
Sodium	23-2	114715757	114002078	114191365	114303066	0.32	cps
Strontium	86-1	36706406	36369357	35934055	36336606	1.07	cps
Strontium	88-1	315106907	314018499	310518040	313214482	0.77	cps
Sulfur	34-1	1173180	1141945	1138706	1151277	1.65	cps
Terbium	159-1	11970546	11555440	11573519	11699835	2.01	cps
Terbium	159-2	5795032	5629645	5470700	5631793	2.88	cps
Thallium	203-1	2850912	2781689	2798783	2810461	1.28	cps
Thallium	205-1	6410318	6421718	6327512	6386516	0.81	cps
Tin	118-1	3364121	3419562	3208355	3330680	3.29	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:26:28	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7980981	7478324	7358767	7606024	4.34	cps
Uranium	238-1	7594253	7996866	8006968	7866029	2.99	cps
Vanadium	51-2	1033427	1024231	1024831	1027496	0.50	cps
Ytterbium	172-1	142	125	125	131	7.37	cps
Ytterbium	172-2	89	78	33	67	44.10	cps
Ytterbium	176-1	9187	8920	9178	9095	1.67	cps
Ytterbium	176-2	14714	14792	14408	14638	1.39	cps
Yttrium	89-1	18785354	18329032	17897182	18337189	2.42	cps
Yttrium	89-2	2338155	2234741	2314673	2295856	2.36	cps
Zinc	66-2	2031786	2016129	2105702	2051206	2.33	cps
Zirconium	90-1	7478004	7401857	7730358	7536740	2.28	cps
Zirconium	91-1	1762277	1738902	1718035	1739738	1.27	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 16:31:40 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370	360	330	353	5.89	cps
Antimony	121-1	567	725	1008	767	29.19	cps
Arsenic	75-2	4	11	8	8	45.81	cps
Barium	135-1	50	67	100	72	35.25	cps
Barium	137-1	217	100	158	158	36.84	cps
Beryllium	9-1	92	80	79	84	9.08	cps
Bismuth	209-1	6911091	6840438	6678960	6810163	1.75	cps
Bismuth	209-2	3783660	3776150	3879832	3813214	1.52	cps
Boron	10-1	27034	25722	24263	25673	5.40	cps
Boron	11-1	120939	115437	109019	115132	5.18	cps
Bromine	81-1	84384	81262	79974	81873	2.77	cps
Cadmium	111-1	63	24	51	46	43.83	cps
Cadmium	106-1	8036	7869	7135	7680	6.24	cps
Cadmium	108-1	108	150	83	114	29.57	cps
Calcium	43-1	711	582	656	650	9.94	cps
Calcium	44-1	20321	18922	19403	19548	3.64	cps
Carbon	12-1	5740068	5687008	5957041	5794706	2.47	cps
Carbon	12-2	63044	63018	63111	63058	0.08	cps
Chlorine	35-1	325912	330351	331292	329185	0.87	cps
Chlorine	35-2	2134	2200	2200	2178	1.77	cps
Chromium	52-2	727	763	837	776	7.22	cps
Cobalt	59-2	97	70	100	89	18.50	cps
Copper	63-2	2404	2190	2214	2269	5.16	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	40	30	20	30	33.33	cps
Gadolinium	160-1	92	83	175	117	43.45	cps
Gadolinium	160-2	120	143	177	147	19.42	cps
Holmium	165-1	11530872	12119413	11552125	11734136	2.84	cps
Holmium	165-2	5643871	5528312	5661733	5611305	1.29	cps
Indium	115-1	11426439	11621057	11211918	11419805	1.79	cps
Indium	115-2	1867715	1870307	1838633	1858885	0.95	cps
Iron	54-2	1328	1117	1167	1204	9.17	cps
Iron	56-2	8870	6774	8186	7943	13.45	cps
Iron	57-2	222	239	228	230	3.70	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:31:40	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	559	549	604	570	5.14	cps
Lead	206-1	1456	1222	1311	1330	8.86	cps
Lead	207-1	1139	972	917	1009	11.46	cps
Lead	208-1	5701	4628	4717	5015	11.87	cps
Lithium	6-1	8436721	8793921	8624023	8618221	2.07	cps
Magnesium	24-2	925	625	850	800	19.52	cps
Manganese	55-2	173	97	133	134	28.52	cps
Molybdenum	94-1	883	633	600	706	21.95	cps
Molybdenum	95-1	1175	758	900	945	22.43	cps
Molybdenum	96-1	1583	1008	1000	1197	27.93	cps
Molybdenum	97-1	667	342	450	486	34.04	cps
Molybdenum	98-1	1809	1175	1383	1456	22.18	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	60	77	50	62	21.65	cps
Phosphorus	31-2	175	217	400	264	45.36	cps
Potassium	39-2	26442	26141	25223	25935	2.45	cps
Rhodium	103-1	11077803	11172093	10881109	11043668	1.34	cps
Rhodium	103-2	5019787	5087558	5165323	5090889	1.43	cps
Scandium	45-1	9402162	9758896	9511267	9557442	1.91	cps
Scandium	45-2	321785	317088	322230	320368	0.89	cps
Selenium	82-1	101	81	20	68	62.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	75	78	98	84	14.94	cps
Silicon	28-1	876541	853688	873116	867782	1.42	cps
Silver	107-1	467	267	342	358	28.20	cps
Silver	109-1	250	242	175	222	18.50	cps
Sodium	23-2	35953	33071	34408	34477	4.18	cps
Strontium	86-1	1542	1208	1267	1339	13.30	cps
Strontium	88-1	6177	2142	3634	3984	51.21	cps
Sulfur	34-1	504668	496028	490415	497037	1.44	cps
Terbium	159-1	11852595	12767559	12041554	12220569	3.95	cps
Terbium	159-2	5530702	5544333	5552673	5542569	0.20	cps
Thallium	203-1	458	350	375	394	14.38	cps
Thallium	205-1	808	992	1058	953	13.59	cps
Tin	118-1	4909	5402	5301	5204	5.00	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 16:31:40	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	342	358	356	3.58	cps
Uranium	238-1	225	33	83	114	87.30	cps
Vanadium	51-2	10	3	23	12	83.33	cps
Ytterbium	172-1	58	92	33	61	47.90	cps
Ytterbium	172-2	56	50	44	50	11.11	cps
Ytterbium	176-1	2184	2434	2417	2345	5.96	cps
Ytterbium	176-2	11311	10810	11577	11233	3.47	cps
Yttrium	89-1	19322991	19805415	19268979	19465795	1.52	cps
Yttrium	89-2	2246027	2277888	2260410	2261442	0.71	cps
Zinc	66-2	293	243	240	259	11.54	cps
Zirconium	90-1	958	742	1008	903	15.70	cps
Zirconium	91-1	225	142	167	178	24.06	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BL	Instrumnet Name :	P8
Client Sample ID :	PBW534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:14:21	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114	115	109	112	2.94	cps
Antimony	121-1	75	100	100	92	15.75	cps
Arsenic	75-2	5	6	2	4	48.04	cps
Barium	135-1	33	8	33	25	57.74	cps
Barium	137-1	42	67	50	53	24.12	cps
Beryllium	9-1	45	26	41	37	26.45	cps
Bismuth	209-1	6465787	6588645	6544376	6532936	0.95	cps
Bismuth	209-2	4000505	3997154	4148754	4048804	2.14	cps
Boron	10-1	2610	2612	2518	2580	2.08	cps
Boron	11-1	12293	11538	11142	11658	5.01	cps
Bromine	81-1	86274	83111	88704	86029	3.26	cps
Cadmium	111-1	31	72	20	41	65.97	cps
Cadmium	106-1	8086	7802	8111	8000	2.14	cps
Cadmium	108-1	71	63	117	83	35.00	cps
Calcium	43-1	406	357	374	379	6.55	cps
Calcium	44-1	14553	14346	14469	14456	0.72	cps
Carbon	12-1	5618883	5479942	5429550	5509458	1.78	cps
Carbon	12-2	62057	59521	58643	60074	2.95	cps
Chlorine	35-1	286065	286551	283923	285513	0.49	cps
Chlorine	35-2	1900	1959	2100	1986	5.18	cps
Chromium	52-2	827	860	853	847	2.08	cps
Cobalt	59-2	90	83	90	88	4.39	cps
Copper	63-2	1960	1967	2014	1980	1.47	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	17	8	25	88.19	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	125	67	100	97	30.10	cps
Gadolinium	160-2	110	143	127	127	13.16	cps
Holmium	165-1	11678559	11883059	11520634	11694084	1.55	cps
Holmium	165-2	5845304	6195784	6026658	6022582	2.91	cps
Indium	115-1	11541201	11429032	11419752	11463329	0.59	cps
Indium	115-2	1919324	2012429	2060748	1997500	3.60	cps
Iron	54-2	1228	1311	1233	1257	3.71	cps
Iron	56-2	7113	6552	7330	6998	5.74	cps
Iron	57-2	250	267	278	265	5.28	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BL	Instrumnet Name :	P8
Client Sample ID :	PBW534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:14:21	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	649	585	597	610	5.53	cps
Lead	206-1	1017	1006	983	1002	1.69	cps
Lead	207-1	917	689	900	835	15.20	cps
Lead	208-1	4061	4023	4117	4067	1.17	cps
Lithium	6-1	9047402	8733803	8852233	8877813	1.78	cps
Magnesium	24-2	308	350	283	314	10.73	cps
Manganese	55-2	200	200	217	206	4.68	cps
Molybdenum	94-1	250	183	267	233	18.90	cps
Molybdenum	95-1	17	33	42	31	41.66	cps
Molybdenum	96-1	250	400	225	292	32.45	cps
Molybdenum	97-1	33	33	42	36	13.33	cps
Molybdenum	98-1	75	92	67	78	16.37	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	110	93	77	93	17.86	cps
Phosphorus	31-2	275	258	292	275	6.06	cps
Potassium	39-2	25623	26132	26183	25979	1.19	cps
Rhodium	103-1	11680568	11042921	11441820	11388436	2.83	cps
Rhodium	103-2	5252049	5363367	5470607	5362008	2.04	cps
Scandium	45-1	10194014	9926919	10047716	10056217	1.33	cps
Scandium	45-2	347597	357400	363142	356046	2.21	cps
Selenium	82-1	-66	44	35	4	1467.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	104	95	91	97	6.89	cps
Silicon	28-1	866505	862868	860302	863225	0.36	cps
Silver	107-1	208	108	200	172	32.22	cps
Silver	109-1	100	92	92	94	5.09	cps
Sodium	23-2	17836	17711	17311	17619	1.56	cps
Strontium	86-1	975	942	833	917	8.08	cps
Strontium	88-1	333	275	367	325	14.28	cps
Sulfur	34-1	566090	566979	574506	569192	0.81	cps
Terbium	159-1	12083294	11671234	12300195	12018241	2.66	cps
Terbium	159-2	5682000	5832733	6018121	5844285	2.88	cps
Thallium	203-1	200	167	225	197	14.84	cps
Thallium	205-1	525	508	442	492	8.97	cps
Tin	118-1	23061	17679	18755	19832	14.36	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BL	Instrumnet Name :	P8
Client Sample ID :	PBW534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:14:21	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	575	408	508	497	16.87	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Ytterbium	172-1	67	58	83	69	18.34	cps
Ytterbium	172-2	33	50	50	44	21.66	cps
Ytterbium	176-1	2359	2484	2400	2414	2.64	cps
Ytterbium	176-2	11628	11900	12567	12032	4.02	cps
Yttrium	89-1	20345699	20177396	19580534	20034543	2.01	cps
Yttrium	89-2	2387705	2475348	2476446	2446499	2.08	cps
Zinc	66-2	520	630	537	562	10.55	cps
Zirconium	90-1	725	908	833	822	11.21	cps
Zirconium	91-1	117	92	108	106	12.06	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BS	Instrumnet Name :	P8
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:17:27	DataFile Name :	043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3946	3874	3845	3888	1.34	cps
Antimony	121-1	24673	24798	23629	24367	2.63	cps
Arsenic	75-2	526	531	522	526	0.86	cps
Barium	135-1	33543	33091	31663	32765	3.00	cps
Barium	137-1	55156	54453	56134	55248	1.53	cps
Beryllium	9-1	7657	7527	7616	7600	0.87	cps
Bismuth	209-1	7037193	6098778	6616515	6584162	7.14	cps
Bismuth	209-2	4016885	3880601	3975511	3957665	1.77	cps
Boron	10-1	26194	28682	28214	27697	4.77	cps
Boron	11-1	118386	128366	129476	125409	4.87	cps
Bromine	81-1	88684	88665	83363	86904	3.53	cps
Cadmium	111-1	4287	4212	4255	4251	0.88	cps
Cadmium	106-1	8770	8194	8461	8475	3.40	cps
Cadmium	108-1	467	458	467	464	1.04	cps
Calcium	43-1	33317	32792	32256	32788	1.62	cps
Calcium	44-1	543297	542785	541231	542438	0.20	cps
Carbon	12-1	5762128	5681680	5622421	5688743	1.23	cps
Carbon	12-2	60710	60592	60734	60679	0.13	cps
Chlorine	35-1	317973	318726	317898	318199	0.14	cps
Chlorine	35-2	2392	2475	2217	2361	5.58	cps
Chromium	52-2	11234	11485	11528	11416	1.39	cps
Cobalt	59-2	9440	9904	9670	9671	2.40	cps
Copper	63-2	15872	16249	15695	15939	1.78	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	58	58	56	8.66	cps
Erbium	164-2	3	20	33	19	79.59	cps
Gadolinium	160-1	92	42	167	100	62.91	cps
Gadolinium	160-2	200	140	160	167	18.33	cps
Holmium	165-1	11931119	11210988	11784010	11642039	3.27	cps
Holmium	165-2	5853745	5724721	5756492	5778319	1.16	cps
Indium	115-1	12130239	11058596	12001280	11730038	4.99	cps
Indium	115-2	1998716	1982241	1926839	1969265	1.91	cps
Iron	54-2	48304	49057	47128	48163	2.02	cps
Iron	56-2	863859	870963	856457	863760	0.84	cps
Iron	57-2	21611	22312	21244	21722	2.50	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BS	Instrumnet Name :	P8
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:17:27	DataFile Name :	043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	572	624	555	584	6.12	cps
Lead	206-1	9531	9682	9815	9676	1.47	cps
Lead	207-1	8086	8342	8225	8218	1.56	cps
Lead	208-1	37355	38228	38128	37904	1.26	cps
Lithium	6-1	9457676	9066370	9303240	9275762	2.12	cps
Magnesium	24-2	248135	252595	238177	246302	3.00	cps
Manganese	55-2	3084	3314	3167	3188	3.65	cps
Molybdenum	94-1	16585	16427	16210	16407	1.15	cps
Molybdenum	95-1	9345	8953	9203	9167	2.16	cps
Molybdenum	96-1	12189	11530	12247	11989	3.32	cps
Molybdenum	97-1	6060	5960	5901	5974	1.34	cps
Molybdenum	98-1	15100	14508	14600	14736	2.16	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2710	2714	2707	2710	0.12	cps
Phosphorus	31-2	308	425	300	344	20.29	cps
Potassium	39-2	194995	194753	192273	194007	0.78	cps
Rhodium	103-1	12047033	11194036	11662237	11634435	3.67	cps
Rhodium	103-2	5427427	5142569	5080347	5216781	3.55	cps
Scandium	45-1	10878740	9971465	10324663	10391623	4.40	cps
Scandium	45-2	351246	338493	331256	340332	2.97	cps
Selenium	82-1	2141	2137	2085	2121	1.48	cps
Selenium	77-2	67	93	93	84	18.23	cps
Selenium	78-2	368	280	314	321	13.84	cps
Silicon	28-1	1019352	990282	1021835	1010490	1.74	cps
Silver	107-1	23145	21609	21709	22154	3.88	cps
Silver	109-1	20474	21058	20699	20744	1.42	cps
Sodium	23-2	468644	462146	450411	460400	2.01	cps
Strontium	86-1	7060	6969	6618	6882	3.39	cps
Strontium	88-1	52868	50333	51697	51633	2.46	cps
Sulfur	34-1	568409	576538	562806	569251	1.21	cps
Terbium	159-1	12836807	11883547	12596734	12439029	3.99	cps
Terbium	159-2	5735286	5699373	5752932	5729197	0.48	cps
Thallium	203-1	11355	10780	10171	10769	5.50	cps
Thallium	205-1	25000	24925	25894	25273	2.13	cps
Tin	118-1	18905	17988	21408	19434	9.11	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149534BS	Instrumnet Name :	P8
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:17:27	DataFile Name :	043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15042	15184	15042	15089	0.54	cps
Uranium	238-1	28750	27264	29026	28347	3.34	cps
Vanadium	51-2	19904	20184	19947	20012	0.75	cps
Ytterbium	172-1	75	83	33	64	41.93	cps
Ytterbium	172-2	33	28	39	33	16.67	cps
Ytterbium	176-1	2467	2475	2142	2361	8.05	cps
Ytterbium	176-2	11628	11672	11778	11692	0.66	cps
Yttrium	89-1	20990307	19550321	20725707	20422112	3.75	cps
Yttrium	89-2	2479176	2424593	2349684	2417818	2.69	cps
Zinc	66-2	5158	5028	5058	5081	1.34	cps
Zirconium	90-1	30225	30718	31586	30843	2.23	cps
Zirconium	91-1	6960	6635	6985	6860	2.85	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BL	Instrumnet Name :	P8
Client Sample ID :	PBS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:20:36	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	131	95	113	16.05	cps
Antimony	121-1	83	117	117	106	18.23	cps
Arsenic	75-2	1	1	2	1	43.30	cps
Barium	135-1	8	42	25	25	66.68	cps
Barium	137-1	67	42	58	56	22.91	cps
Beryllium	9-1	33	24	41	33	26.92	cps
Bismuth	209-1	6358507	6367908	6457618	6394677	0.86	cps
Bismuth	209-2	3961831	4059639	4090487	4037319	1.66	cps
Boron	10-1	4380	4216	3966	4187	4.98	cps
Boron	11-1	20076	19569	17299	18981	7.79	cps
Bromine	81-1	81734	88309	88402	86148	4.44	cps
Cadmium	111-1	79	36	60	58	36.39	cps
Cadmium	106-1	8328	7636	8019	7994	4.34	cps
Cadmium	108-1	54	75	71	67	16.53	cps
Calcium	43-1	376	365	406	382	5.58	cps
Calcium	44-1	14541	14657	14823	14674	0.97	cps
Carbon	12-1	5491614	5510055	5498943	5500204	0.17	cps
Carbon	12-2	62509	61120	60500	61376	1.68	cps
Chlorine	35-1	286492	279907	281915	282771	1.19	cps
Chlorine	35-2	2100	2175	2075	2117	2.46	cps
Chromium	52-2	883	803	790	826	6.11	cps
Cobalt	59-2	83	113	47	81	41.16	cps
Copper	63-2	2070	2047	1887	2001	4.99	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	83	58	58	42.87	cps
Erbium	164-2	33	33	27	31	12.36	cps
Gadolinium	160-1	83	142	92	106	29.89	cps
Gadolinium	160-2	103	160	173	146	25.53	cps
Holmium	165-1	11676207	11474745	11607672	11586208	0.88	cps
Holmium	165-2	5576006	5827460	5916696	5773388	3.06	cps
Indium	115-1	11167865	11382146	11408076	11319362	1.16	cps
Indium	115-2	1944585	1885577	2004314	1944825	3.05	cps
Iron	54-2	1078	1267	1245	1196	8.63	cps
Iron	56-2	6902	6996	7135	7011	1.67	cps
Iron	57-2	189	278	206	224	21.09	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BL	Instrumnet Name :	P8
Client Sample ID :	PBS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:20:36	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	580	580	572	577	0.75	cps
Lead	206-1	1083	989	1039	1037	4.56	cps
Lead	207-1	850	872	800	841	4.40	cps
Lead	208-1	4050	3817	3884	3917	3.07	cps
Lithium	6-1	9043969	9314070	9200846	9186295	1.48	cps
Magnesium	24-2	300	292	192	261	23.09	cps
Manganese	55-2	247	220	187	218	13.80	cps
Molybdenum	94-1	342	283	258	294	14.52	cps
Molybdenum	95-1	50	50	133	78	61.86	cps
Molybdenum	96-1	317	225	325	289	19.21	cps
Molybdenum	97-1	25	33	50	36	35.25	cps
Molybdenum	98-1	75	83	125	94	28.36	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	87	60	73	18.18	cps
Phosphorus	31-2	250	217	200	222	11.46	cps
Potassium	39-2	25598	25657	26308	25854	1.52	cps
Rhodium	103-1	11347855	11124358	11274925	11249046	1.01	cps
Rhodium	103-2	5205579	5230188	5249634	5228467	0.42	cps
Scandium	45-1	10070537	10083098	10484210	10212615	2.30	cps
Scandium	45-2	337831	346891	345873	343531	1.44	cps
Selenium	82-1	-10	33	70	31	129.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	97	101	87	95	7.59	cps
Silicon	28-1	867029	846980	845020	853010	1.43	cps
Silver	107-1	217	292	242	250	15.28	cps
Silver	109-1	150	133	125	136	9.35	cps
Sodium	23-2	16351	16793	16568	16571	1.33	cps
Strontium	86-1	917	908	942	922	1.88	cps
Strontium	88-1	475	400	617	497	22.13	cps
Sulfur	34-1	561367	573410	575481	570086	1.34	cps
Terbium	159-1	12211473	11944291	12473686	12209817	2.17	cps
Terbium	159-2	5784411	5643496	5721454	5716454	1.23	cps
Thallium	203-1	242	183	167	197	19.97	cps
Thallium	205-1	383	458	525	456	15.56	cps
Tin	118-1	18597	18914	19856	19122	3.42	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BL	Instrumnet Name :	P8
Client Sample ID :	PBS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:20:36	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	450	342	403	13.78	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Ytterbium	172-1	92	50	50	64	37.66	cps
Ytterbium	172-2	33	39	17	30	39.02	cps
Ytterbium	176-1	2375	2409	2567	2450	4.18	cps
Ytterbium	176-2	11166	11166	12367	11566	6.00	cps
Yttrium	89-1	20514478	20427983	20315371	20419277	0.49	cps
Yttrium	89-2	2345939	2345406	2404867	2365404	1.44	cps
Zinc	66-2	613	570	590	591	3.67	cps
Zirconium	90-1	842	892	900	878	3.59	cps
Zirconium	91-1	142	175	117	144	20.26	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : PB149535BS Instrumnet Name : P8
 Client Sample ID : LCS535 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 17:23:43 DataFile Name : 045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3949	3941	3844	3911	1.50	cps
Antimony	121-1	25349	25216	24714	25093	1.33	cps
Arsenic	75-2	482	533	518	511	5.13	cps
Barium	135-1	32014	32799	32465	32426	1.22	cps
Barium	137-1	57808	55113	54645	55856	3.06	cps
Beryllium	9-1	7697	7662	7609	7656	0.58	cps
Bismuth	209-1	6613173	6599199	6459943	6557438	1.29	cps
Bismuth	209-2	3861067	3835363	3960747	3885726	1.70	cps
Boron	10-1	27490	28923	30412	28942	5.05	cps
Boron	11-1	120998	132360	131621	128326	4.95	cps
Bromine	81-1	81764	86137	86306	84735	3.04	cps
Cadmium	111-1	4237	4440	3890	4189	6.64	cps
Cadmium	106-1	8962	8595	8186	8581	4.52	cps
Cadmium	108-1	421	371	371	388	7.45	cps
Calcium	43-1	32779	33666	33032	33159	1.38	cps
Calcium	44-1	549253	545749	538323	544442	1.03	cps
Carbon	12-1	5799863	5715852	5721172	5745629	0.82	cps
Carbon	12-2	62960	60651	62274	61962	1.91	cps
Chlorine	35-1	315425	312328	312745	313500	0.54	cps
Chlorine	35-2	2184	2309	2209	2234	2.96	cps
Chromium	52-2	11465	11375	11231	11357	1.04	cps
Cobalt	59-2	9300	9260	9166	9242	0.74	cps
Copper	63-2	15615	16783	15756	16051	3.97	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	42	58	47	20.37	cps
Erbium	164-2	13	17	30	20	44.10	cps
Gadolinium	160-1	200	100	108	136	40.77	cps
Gadolinium	160-2	150	170	133	151	12.15	cps
Holmium	165-1	11952842	11604670	11175139	11577550	3.36	cps
Holmium	165-2	5502360	5779434	5650114	5643969	2.46	cps
Indium	115-1	11559581	11844022	11014361	11472655	3.67	cps
Indium	115-2	1919919	1942722	1939828	1934156	0.64	cps
Iron	54-2	49134	48756	48388	48759	0.77	cps
Iron	56-2	873360	866998	852034	864131	1.27	cps
Iron	57-2	22279	21021	21172	21491	3.20	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:23:43	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	616	639	555	603	7.18	cps
Lead	206-1	9237	9804	9726	9589	3.21	cps
Lead	207-1	8464	8636	7964	8355	4.18	cps
Lead	208-1	37867	39352	37450	38223	2.62	cps
Lithium	6-1	9056791	8976527	9246013	9093110	1.52	cps
Magnesium	24-2	253735	247916	244057	248570	1.96	cps
Manganese	55-2	3060	2980	3234	3091	4.19	cps
Molybdenum	94-1	16168	16343	16018	16177	1.01	cps
Molybdenum	95-1	9987	9487	9428	9634	3.19	cps
Molybdenum	96-1	12781	12781	11497	12353	6.00	cps
Molybdenum	97-1	5876	6302	5543	5907	6.44	cps
Molybdenum	98-1	14633	15059	14883	14858	1.44	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	2584	2760	2797	2714	4.20	cps
Phosphorus	31-2	475	350	417	414	15.11	cps
Potassium	39-2	197314	196396	192256	195322	1.38	cps
Rhodium	103-1	11617291	11524061	11447537	11529630	0.74	cps
Rhodium	103-2	5213070	5192697	5326104	5243957	1.37	cps
Scandium	45-1	10065288	10002482	10023675	10030482	0.32	cps
Scandium	45-2	334291	343861	335826	337993	1.52	cps
Selenium	82-1	2137	2106	2263	2169	3.81	cps
Selenium	77-2	53	70	63	62	13.48	cps
Selenium	78-2	340	342	339	340	0.45	cps
Silicon	28-1	1002236	1013693	1004991	1006974	0.59	cps
Silver	107-1	21017	23128	21083	21743	5.52	cps
Silver	109-1	21309	20816	20674	20933	1.59	cps
Sodium	23-2	475890	471640	457975	468502	2.00	cps
Strontium	86-1	6677	6852	6635	6721	1.71	cps
Strontium	88-1	51454	49924	50166	50515	1.63	cps
Sulfur	34-1	567844	569864	577805	571838	0.92	cps
Terbium	159-1	12869573	11898470	12459525	12409189	3.93	cps
Terbium	159-2	5671526	5590538	5548074	5603379	1.12	cps
Thallium	203-1	10596	10613	10313	10507	1.61	cps
Thallium	205-1	25008	25642	25417	25356	1.27	cps
Tin	118-1	21391	18989	18087	19489	8.76	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB149535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:23:43	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14558	15742	14908	15069	4.04	cps
Uranium	238-1	27305	27689	28108	27701	1.45	cps
Vanadium	51-2	20515	20161	19760	20145	1.87	cps
Ytterbium	172-1	125	75	83	94	28.36	cps
Ytterbium	172-2	33	33	11	26	49.49	cps
Ytterbium	176-1	2667	2392	2350	2470	6.97	cps
Ytterbium	176-2	11466	11822	11539	11609	1.62	cps
Yttrium	89-1	20327377	19614103	20132644	20024708	1.84	cps
Yttrium	89-2	2282516	2255815	2273877	2270736	0.60	cps
Zinc	66-2	5031	5231	4828	5030	4.01	cps
Zirconium	90-1	30910	31136	29181	30409	3.52	cps
Zirconium	91-1	6835	6802	7027	6888	1.76	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : PB145583BL Instrumnet Name : P8
 Client Sample ID : PB145583BL Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 17:26:52 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352	345	349	349	1.08	cps
Antimony	121-1	75	75	67	72	6.66	cps
Arsenic	75-2	1	4	2	2	65.47	cps
Barium	135-1	17	67	42	42	60.00	cps
Barium	137-1	125	50	75	83	45.83	cps
Beryllium	9-1	30	34	41	35	16.37	cps
Bismuth	209-1	6462484	6242079	6385146	6363237	1.76	cps
Bismuth	209-2	4045289	3919215	3902382	3955629	1.97	cps
Boron	10-1	4646	4340	4164	4383	5.57	cps
Boron	11-1	20498	19553	18596	19549	4.87	cps
Bromine	81-1	84596	79548	83890	82678	3.31	cps
Cadmium	111-1	42	39	53	45	16.53	cps
Cadmium	106-1	7511	7861	7861	7744	2.61	cps
Cadmium	108-1	71	75	67	71	5.88	cps
Calcium	43-1	591	621	654	622	5.03	cps
Calcium	44-1	18451	18428	18502	18461	0.21	cps
Carbon	12-1	5935664	5912124	5868248	5905345	0.58	cps
Carbon	12-2	63664	63212	63412	63429	0.36	cps
Chlorine	35-1	336311	334437	333900	334883	0.38	cps
Chlorine	35-2	2459	2300	2500	2420	4.36	cps
Chromium	52-2	740	757	763	753	1.60	cps
Cobalt	59-2	63	60	83	69	18.32	cps
Copper	63-2	2214	1980	2144	2112	5.67	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	58	75	133	89	44.31	cps
Gadolinium	160-2	140	163	150	151	7.75	cps
Holmium	165-1	11549918	11275146	11353484	11392849	1.24	cps
Holmium	165-2	5624088	5606909	5781891	5670962	1.70	cps
Indium	115-1	11105124	11388550	11417693	11303789	1.53	cps
Indium	115-2	1939414	1937810	1940655	1939293	0.07	cps
Iron	54-2	1222	1200	1267	1230	2.76	cps
Iron	56-2	6563	6313	6407	6427	1.96	cps
Iron	57-2	161	200	211	191	13.77	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BL	Instrumnet Name :	P8
Client Sample ID :	PB145583BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:26:52	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	591	606	632	610	3.42	cps
Lead	206-1	989	1061	933	995	6.44	cps
Lead	207-1	756	744	850	783	7.41	cps
Lead	208-1	3895	3823	3923	3880	1.33	cps
Lithium	6-1	9304816	9367782	9072609	9248402	1.68	cps
Magnesium	24-2	375	400	425	400	6.25	cps
Manganese	55-2	77	83	80	80	4.16	cps
Molybdenum	94-1	308	342	308	319	6.02	cps
Molybdenum	95-1	42	33	50	42	20.00	cps
Molybdenum	96-1	267	283	258	269	4.72	cps
Molybdenum	97-1	8	33	33	25	57.74	cps
Molybdenum	98-1	58	83	117	86	33.99	cps
Neodymium	150-1	7	33	13	18	78.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	40	60	46	27.70	cps
Phosphorus	31-2	375	325	375	358	8.06	cps
Potassium	39-2	25966	26291	25415	25890	1.71	cps
Rhodium	103-1	11354941	11098291	11655784	11369672	2.45	cps
Rhodium	103-2	5099425	4998801	5359009	5152412	3.61	cps
Scandium	45-1	10023198	10022678	10220750	10088875	1.13	cps
Scandium	45-2	341376	345107	333743	340075	1.70	cps
Selenium	82-1	0	20	89	36	128.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	109	85	112	102	14.51	cps
Silicon	28-1	908846	891840	889983	896890	1.16	cps
Silver	107-1	200	175	158	178	11.80	cps
Silver	109-1	183	167	133	161	15.80	cps
Sodium	23-2	30574	28587	29430	29531	3.38	cps
Strontium	86-1	1033	1042	1083	1053	2.54	cps
Strontium	88-1	1392	1308	1442	1381	4.88	cps
Sulfur	34-1	570054	573077	561133	568088	1.09	cps
Terbium	159-1	12330603	11916603	11787391	12011532	2.36	cps
Terbium	159-2	5711016	5586743	5674172	5657310	1.13	cps
Thallium	203-1	217	150	267	211	27.73	cps
Thallium	205-1	375	442	425	414	8.38	cps
Tin	118-1	4493	5435	5669	5199	11.98	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BL	Instrumnet Name :	P8
Client Sample ID :	PB145583BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:26:52	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	358	467	431	14.53	cps
Uranium	238-1	8	8	0	6	86.60	cps
Vanadium	51-2	3	17	7	9	78.08	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	172-2	50	11	33	31	61.98	cps
Ytterbium	176-1	2784	2200	2400	2461	12.05	cps
Ytterbium	176-2	11049	11622	11872	11515	3.66	cps
Yttrium	89-1	19578676	18929348	20127529	19545184	3.07	cps
Yttrium	89-2	2420381	2327961	2342094	2363478	2.11	cps
Zinc	66-2	200	197	163	187	10.86	cps
Zirconium	90-1	767	817	742	775	4.93	cps
Zirconium	91-1	158	142	133	144	8.81	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BL	Instrumnet Name :	P8
Client Sample ID :	PB150006BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:29:58	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261	274	261	265	2.72	cps
Antimony	121-1	50	100	125	92	41.66	cps
Arsenic	75-2	4	3	4	4	15.75	cps
Barium	135-1	25	25	17	22	21.64	cps
Barium	137-1	67	58	92	72	24.02	cps
Beryllium	9-1	38	38	35	37	3.94	cps
Bismuth	209-1	6211512	6227812	6387101	6275475	1.55	cps
Bismuth	209-2	3873426	3913045	4008133	3931535	1.76	cps
Boron	10-1	2752	2736	2874	2787	2.71	cps
Boron	11-1	12637	12141	11969	12249	2.83	cps
Bromine	81-1	84823	85743	83065	84544	1.61	cps
Cadmium	111-1	56	46	67	56	18.51	cps
Cadmium	106-1	8036	7586	7869	7830	2.91	cps
Cadmium	108-1	71	67	71	69	3.46	cps
Calcium	43-1	441	406	419	422	4.20	cps
Calcium	44-1	15200	15829	15507	15512	2.03	cps
Carbon	12-1	6073597	6238618	6401002	6237739	2.62	cps
Carbon	12-2	69590	68996	68694	69094	0.66	cps
Chlorine	35-1	384674	389094	382085	385284	0.92	cps
Chlorine	35-2	3259	3075	2767	3034	8.19	cps
Chromium	52-2	740	737	790	756	3.95	cps
Cobalt	59-2	63	83	103	83	24.00	cps
Copper	63-2	1903	2084	1990	1992	4.52	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	17	7	27	17	59.99	cps
Gadolinium	160-1	125	125	75	108	26.65	cps
Gadolinium	160-2	97	173	153	141	28.18	cps
Holmium	165-1	11297050	11687620	11681905	11555525	1.94	cps
Holmium	165-2	5797167	5827405	5871663	5832078	0.64	cps
Indium	115-1	11699729	12005762	11596644	11767378	1.81	cps
Indium	115-2	1910184	1940734	1923264	1924727	0.80	cps
Iron	54-2	1239	1167	1039	1148	8.82	cps
Iron	56-2	7102	6685	6646	6811	3.71	cps
Iron	57-2	200	244	178	207	16.37	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BL	Instrumnet Name :	P8
Client Sample ID :	PB150006BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:29:58	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	616	585	584	595	3.10	cps
Lead	206-1	1072	928	883	961	10.28	cps
Lead	207-1	822	772	861	819	5.44	cps
Lead	208-1	3900	3711	3967	3860	3.44	cps
Lithium	6-1	9263875	9488163	9366467	9372835	1.20	cps
Magnesium	24-2	275	325	392	331	17.71	cps
Manganese	55-2	73	60	67	67	10.00	cps
Molybdenum	94-1	358	275	225	286	23.54	cps
Molybdenum	95-1	75	92	158	108	40.71	cps
Molybdenum	96-1	358	350	383	364	4.77	cps
Molybdenum	97-1	50	33	100	61	56.78	cps
Molybdenum	98-1	117	183	217	172	29.56	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	57	70	62	11.15	cps
Phosphorus	31-2	275	325	275	292	9.90	cps
Potassium	39-2	26558	26066	25690	26105	1.67	cps
Rhodium	103-1	11529128	11556650	11490378	11525385	0.29	cps
Rhodium	103-2	5331757	5410117	5150375	5297417	2.52	cps
Scandium	45-1	10089694	10223585	9934512	10082597	1.43	cps
Scandium	45-2	342863	342875	347655	344464	0.80	cps
Selenium	82-1	-55	8	44	-1	-3996.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	125	90	106	107	16.37	cps
Silicon	28-1	901511	902498	908062	904024	0.39	cps
Silver	107-1	125	108	225	153	41.30	cps
Silver	109-1	83	75	92	83	10.00	cps
Sodium	23-2	22668	23428	23327	23141	1.78	cps
Strontium	86-1	1008	1108	967	1028	7.08	cps
Strontium	88-1	783	792	833	803	3.34	cps
Sulfur	34-1	577786	566759	569570	571372	1.00	cps
Terbium	159-1	12525709	12387721	11916548	12276659	2.60	cps
Terbium	159-2	5715103	5569607	5784521	5689744	1.93	cps
Thallium	203-1	200	175	192	189	6.74	cps
Thallium	205-1	383	517	433	444	15.16	cps
Tin	118-1	14108	14650	13382	14047	4.53	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BL	Instrumnet Name :	P8
Client Sample ID :	PB150006BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:29:58	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	425	525	486	11.02	cps
Uranium	238-1	8	25	8	14	69.31	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Ytterbium	172-1	92	67	50	69	30.20	cps
Ytterbium	172-2	22	56	39	39	42.86	cps
Ytterbium	176-1	2267	2442	2334	2348	3.76	cps
Ytterbium	176-2	11589	12033	11205	11609	3.57	cps
Yttrium	89-1	19945823	20605183	20176986	20242664	1.65	cps
Yttrium	89-2	2381945	2460932	2354728	2399202	2.30	cps
Zinc	66-2	220	293	247	253	14.65	cps
Zirconium	90-1	783	800	917	833	8.72	cps
Zirconium	91-1	192	125	125	147	26.15	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BS	Instrumnet Name :	P8
Client Sample ID :	PB150006BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:36:02	DataFile Name :	049LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	972271	931937	910864	938357	3.33	cps
Antimony	121-1	3387448	3297913	3361459	3348940	1.38	cps
Arsenic	75-2	125605	121798	120100	122501	2.30	cps
Barium	135-1	4465088	4615475	4409014	4496526	2.37	cps
Barium	137-1	7662289	7717726	7562909	7647641	1.03	cps
Beryllium	9-1	1986477	1935492	1950519	1957496	1.34	cps
Bismuth	209-1	6370312	6604417	6279996	6418242	2.61	cps
Bismuth	209-2	3906797	3580179	3738817	3741931	4.36	cps
Boron	10-1	366596	388439	396455	383830	4.03	cps
Boron	11-1	1539447	1588911	1646975	1591777	3.38	cps
Bromine	81-1	82246	77877	77064	79062	3.52	cps
Cadmium	111-1	982942	1009312	1007902	1000052	1.48	cps
Cadmium	106-1	129069	131410	132130	130870	1.22	cps
Cadmium	108-1	85656	86106	86717	86160	0.62	cps
Calcium	43-1	2058676	2099976	2098020	2085557	1.12	cps
Calcium	44-1	29517968	30193615	29631295	29780959	1.21	cps
Carbon	12-1	7564952	7708628	8090337	7787973	3.49	cps
Carbon	12-2	91392	92356	91543	91764	0.57	cps
Chlorine	35-1	381548	389967	388902	386806	1.19	cps
Chlorine	35-2	2775	2492	2550	2606	5.74	cps
Chromium	52-2	1435227	1385621	1332966	1384605	3.69	cps
Cobalt	59-2	2486526	2444338	2426448	2452437	1.26	cps
Copper	63-2	19036902	17272639	17269268	17859603	5.71	cps
Dysprosium	156-1	200	158	142	167	18.03	cps
Dysprosium	156-2	73	80	103	86	18.42	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	23	27	27	26	7.55	cps
Gadolinium	160-1	167	192	242	200	19.10	cps
Gadolinium	160-2	183	137	193	171	17.68	cps
Holmium	165-1	12221717	11903679	11888829	12004742	1.57	cps
Holmium	165-2	5844805	5597138	5692968	5711637	2.19	cps
Indium	115-1	11323744	11336789	10788373	11149635	2.81	cps
Indium	115-2	1854529	1852364	1787245	1831379	2.09	cps
Iron	54-2	3384155	3215866	3198642	3266221	3.14	cps
Iron	56-2	59169287	57086333	57305201	57853607	1.98	cps
Iron	57-2	1532688	1435058	1479236	1482327	3.30	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BS	Instrumnet Name :	P8
Client Sample ID :	PB150006BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:36:02	DataFile Name :	049LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	629	532	593	8.88	cps
Lead	206-1	11993701	11975180	11776982	11915288	1.01	cps
Lead	207-1	10363840	10404708	10100850	10289799	1.60	cps
Lead	208-1	47381801	47863760	47321765	47522442	0.63	cps
Lithium	6-1	8974524	8919665	8493813	8796001	2.99	cps
Magnesium	24-2	13441217	13083994	12546433	13023881	3.46	cps
Manganese	55-2	7563908	7334400	7259056	7385788	2.15	cps
Molybdenum	94-1	15095052	15478193	15061024	15211423	1.52	cps
Molybdenum	95-1	21507302	21630661	21479318	21539094	0.37	cps
Molybdenum	96-1	24466118	23570488	23210502	23749036	2.72	cps
Molybdenum	97-1	13023075	13508001	13204612	13245229	1.85	cps
Molybdenum	98-1	34021009	34458706	34769164	34416293	1.09	cps
Neodymium	150-1	387	420	413	407	4.34	cps
Neodymium	150-2	13	43	40	32	51.04	cps
Nickel	60-2	632756	623011	613086	622951	1.58	cps
Phosphorus	31-2	56980	55608	56110	56233	1.23	cps
Potassium	39-2	4512877	4519675	4440761	4491104	0.97	cps
Rhodium	103-1	10732578	10934356	10613265	10760066	1.51	cps
Rhodium	103-2	4942022	4950091	4849730	4913947	1.13	cps
Scandium	45-1	9919944	10145215	9690084	9918414	2.29	cps
Scandium	45-2	329307	324747	322011	325355	1.13	cps
Selenium	82-1	101121	100569	101239	100976	0.35	cps
Selenium	77-2	3304	3317	3344	3322	0.61	cps
Selenium	78-2	11243	11138	11106	11162	0.64	cps
Silicon	28-1	13551511	13719885	13768137	13679844	0.83	cps
Silver	107-1	5615149	5623735	5583503	5607463	0.38	cps
Silver	109-1	5305921	5366391	5603500	5425271	2.90	cps
Sodium	23-2	25335071	24790118	23349223	24491471	4.19	cps
Strontium	86-1	36257546	37994136	37324143	37191941	2.35	cps
Strontium	88-1	321406849	321614216	320470332	321163799	0.19	cps
Sulfur	34-1	1186471	1149210	1171661	1169114	1.60	cps
Terbium	159-1	11932161	12615809	12644114	12397361	3.25	cps
Terbium	159-2	5656452	5553713	5623276	5611147	0.93	cps
Thallium	203-1	2950433	2915976	2847023	2904477	1.81	cps
Thallium	205-1	6967255	6799325	6879199	6881926	1.22	cps
Tin	118-1	3451408	3457735	3447737	3452293	0.15	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150006BS	Instrumnet Name :	P8
Client Sample ID :	PB150006BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:36:02	DataFile Name :	049LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7563880	7956798	7715829	7745502	2.56	cps
Uranium	238-1	8006482	8624302	8338907	8323230	3.72	cps
Vanadium	51-2	1083251	1048056	1028723	1053343	2.62	cps
Ytterbium	172-1	92	133	92	106	22.79	cps
Ytterbium	172-2	50	22	39	37	37.75	cps
Ytterbium	176-1	8820	8845	8761	8809	0.49	cps
Ytterbium	176-2	14931	14364	13991	14428	3.28	cps
Yttrium	89-1	19775579	19965131	19319931	19686881	1.68	cps
Yttrium	89-2	2363684	2278371	2301227	2314427	1.91	cps
Zinc	66-2	2430506	2229266	2290878	2316883	4.45	cps
Zirconium	90-1	7676637	7892994	7668164	7745932	1.65	cps
Zirconium	91-1	1776939	1717941	1738105	1744328	1.72	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BS	Instrumnet Name :	P8
Client Sample ID :	PB145583BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:39:33	DataFile Name :	050LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	939910	934445	906149	926835	1.96	cps
Antimony	121-1	3367690	3457452	3385085	3403409	1.40	cps
Arsenic	75-2	121908	121452	118026	120462	1.76	cps
Barium	135-1	4493813	4438552	4366924	4433096	1.44	cps
Barium	137-1	7727330	7660750	7617261	7668447	0.72	cps
Beryllium	9-1	1951679	1874471	1920652	1915600	2.03	cps
Bismuth	209-1	6397146	6465181	6414932	6425753	0.55	cps
Bismuth	209-2	3728862	3746327	3726260	3733816	0.29	cps
Boron	10-1	382640	402351	423813	402935	5.11	cps
Boron	11-1	1573896	1698047	1768677	1680207	5.87	cps
Bromine	81-1	78783	78663	80906	79451	1.59	cps
Cadmium	111-1	982205	998872	987259	989445	0.86	cps
Cadmium	106-1	131283	128819	129224	129775	1.02	cps
Cadmium	108-1	88700	85434	86352	86828	1.94	cps
Calcium	43-1	2121359	2152434	2061344	2111712	2.19	cps
Calcium	44-1	30151940	29161221	29847018	29720060	1.71	cps
Carbon	12-1	7935770	8032763	8330062	8099532	2.54	cps
Carbon	12-2	94067	96718	93723	94836	1.73	cps
Chlorine	35-1	418297	418117	417704	418040	0.07	cps
Chlorine	35-2	3242	3009	3217	3156	4.06	cps
Chromium	52-2	1356453	1366801	1329765	1351007	1.41	cps
Cobalt	59-2	2456991	2353949	2347491	2386144	2.57	cps
Copper	63-2	18005332	18059474	17584791	17883199	1.45	cps
Dysprosium	156-1	125	158	142	142	11.76	cps
Dysprosium	156-2	57	87	70	71	21.14	cps
Erbium	164-1	83	92	100	92	9.09	cps
Erbium	164-2	53	27	43	41	32.76	cps
Gadolinium	160-1	217	217	167	200	14.43	cps
Gadolinium	160-2	167	220	183	190	14.36	cps
Holmium	165-1	11925349	12079186	11951739	11985424	0.69	cps
Holmium	165-2	5689994	5777162	5635171	5700776	1.26	cps
Indium	115-1	11188342	11315130	11267786	11257086	0.57	cps
Indium	115-2	1837435	1768369	1806825	1804210	1.92	cps
Iron	54-2	3320028	3188269	3143304	3217200	2.85	cps
Iron	56-2	58532660	57276555	56225479	57344898	2.01	cps
Iron	57-2	1518087	1455709	1448491	1474096	2.60	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BS	Instrumnet Name :	P8
Client Sample ID :	PB145583BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:39:33	DataFile Name :	050LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	606	566	596	590	3.53	cps
Lead	206-1	11683646	12306497	11875485	11955209	2.67	cps
Lead	207-1	10347453	10314484	10459487	10373808	0.73	cps
Lead	208-1	47012787	46939380	47899020	47283729	1.13	cps
Lithium	6-1	9068999	8763288	8471131	8767806	3.41	cps
Magnesium	24-2	13151947	12895648	12337955	12795183	3.25	cps
Manganese	55-2	7342221	7280700	7150281	7257734	1.35	cps
Molybdenum	94-1	15114901	14635446	14818724	14856357	1.63	cps
Molybdenum	95-1	21603450	21758805	21567862	21643372	0.47	cps
Molybdenum	96-1	23573322	23874420	23088060	23511934	1.69	cps
Molybdenum	97-1	13231534	12829309	12968895	13009913	1.57	cps
Molybdenum	98-1	33959656	34080301	34111392	34050450	0.24	cps
Neodymium	150-1	360	487	373	407	17.12	cps
Neodymium	150-2	17	27	23	22	22.91	cps
Nickel	60-2	623680	617177	599772	613543	2.01	cps
Phosphorus	31-2	56285	58712	55549	56848	2.91	cps
Potassium	39-2	4518355	4379571	4362032	4419986	1.94	cps
Rhodium	103-1	10911592	10956795	10778277	10882221	0.85	cps
Rhodium	103-2	4936579	4998819	4904724	4946707	0.97	cps
Scandium	45-1	9959733	9539154	9682070	9726986	2.20	cps
Scandium	45-2	326681	328545	323023	326083	0.86	cps
Selenium	82-1	97832	100183	98105	98707	1.30	cps
Selenium	77-2	3247	3104	3107	3153	2.60	cps
Selenium	78-2	11256	11199	11099	11185	0.71	cps
Silicon	28-1	16268064	16595026	16242820	16368636	1.20	cps
Silver	107-1	5837642	5633384	5719843	5730290	1.79	cps
Silver	109-1	5293762	5301563	5152486	5249270	1.60	cps
Sodium	23-2	24449508	24422370	23597028	24156302	2.01	cps
Strontium	86-1	36894811	36489934	36667626	36684124	0.55	cps
Strontium	88-1	319203257	310311399	316090065	315201574	1.43	cps
Sulfur	34-1	1143284	1140782	1131831	1138632	0.53	cps
Terbium	159-1	12381664	12228227	12009369	12206420	1.53	cps
Terbium	159-2	5393490	5575629	5612163	5527094	2.12	cps
Thallium	203-1	2872914	2870335	2923965	2889071	1.05	cps
Thallium	205-1	6846820	6712955	7110833	6890203	2.94	cps
Tin	118-1	3433562	3367704	3351187	3384151	1.29	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB145583BS	Instrumnet Name :	P8
Client Sample ID :	PB145583BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:39:33	DataFile Name :	050LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7605538	7559000	7854261	7672933	2.07	cps
Uranium	238-1	8258653	8132324	8221426	8204134	0.79	cps
Vanadium	51-2	1044992	1043566	1015804	1034788	1.59	cps
Ytterbium	172-1	117	50	83	83	40.00	cps
Ytterbium	172-2	61	78	39	59	32.92	cps
Ytterbium	176-1	9128	8686	9045	8953	2.62	cps
Ytterbium	176-2	14708	14731	14280	14573	1.74	cps
Yttrium	89-1	19757423	19428383	19500586	19562131	0.88	cps
Yttrium	89-2	2341761	2263373	2262823	2289319	1.98	cps
Zinc	66-2	2338225	2275992	2307024	2307080	1.35	cps
Zirconium	90-1	7656587	7497230	7696023	7616613	1.38	cps
Zirconium	91-1	1712983	1735670	1670483	1706378	1.94	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BS	Instrumnet Name :	P8
Client Sample ID :	PB150007BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:48:40	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900124	886864	852495	879828	2.79	cps
Antimony	121-1	3117705	3225756	3105366	3149609	2.10	cps
Arsenic	75-2	117711	115874	113899	115828	1.65	cps
Barium	135-1	4198722	4247910	4278683	4241772	0.95	cps
Barium	137-1	7097545	7103773	7014644	7071987	0.70	cps
Beryllium	9-1	1785508	1771758	1765597	1774287	0.57	cps
Bismuth	209-1	6649506	6521646	6397303	6522818	1.93	cps
Bismuth	209-2	3818194	3754605	3738028	3770276	1.12	cps
Boron	10-1	337801	365294	375623	359572	5.44	cps
Boron	11-1	1378984	1501628	1577488	1486033	6.74	cps
Bromine	81-1	80678	78059	79500	79412	1.65	cps
Cadmium	111-1	930391	938886	938535	935937	0.51	cps
Cadmium	106-1	122577	120670	123746	122331	1.27	cps
Cadmium	108-1	79231	79386	81276	79964	1.42	cps
Calcium	43-1	2009304	2022838	1945966	1992703	2.06	cps
Calcium	44-1	27585932	28277322	27105756	27656337	2.13	cps
Carbon	12-1	7838655	8229344	8376453	8148150	3.41	cps
Carbon	12-2	96692	95997	97674	96788	0.87	cps
Chlorine	35-1	463717	461153	463956	462942	0.34	cps
Chlorine	35-2	3509	3367	3367	3414	2.40	cps
Chromium	52-2	1224059	1219482	1208727	1217423	0.65	cps
Cobalt	59-2	2319707	2277238	2271569	2289505	1.15	cps
Copper	63-2	17078589	16821725	16632627	16844314	1.33	cps
Dysprosium	156-1	150	200	117	156	26.96	cps
Dysprosium	156-2	77	83	100	87	13.87	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	43	20	17	27	54.47	cps
Gadolinium	160-1	142	117	158	139	15.10	cps
Gadolinium	160-2	153	203	190	182	14.21	cps
Holmium	165-1	12158211	11712925	12184746	12018627	2.21	cps
Holmium	165-2	6059426	5729136	5875930	5888164	2.81	cps
Indium	115-1	11398518	11280515	11269339	11316124	0.63	cps
Indium	115-2	1918406	1775090	1863442	1852313	3.90	cps
Iron	54-2	3261648	3082747	3108551	3150982	3.07	cps
Iron	56-2	54728797	54304421	53803248	54278822	0.85	cps
Iron	57-2	1391623	1289389	1282592	1321201	4.62	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BS	Instrumnet Name :	P8
Client Sample ID :	PB150007BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:48:40	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	636	615	569	607	5.69	cps
Lead	206-1	11275287	11120071	11232186	11209182	0.71	cps
Lead	207-1	9597858	9361884	9494194	9484645	1.25	cps
Lead	208-1	44448811	44353553	43887146	44229837	0.68	cps
Lithium	6-1	8740053	8899017	8692737	8777269	1.23	cps
Magnesium	24-2	12454356	12207560	11937543	12199820	2.12	cps
Manganese	55-2	7071240	6967758	6895747	6978249	1.26	cps
Molybdenum	94-1	14176795	14362416	13760424	14099878	2.19	cps
Molybdenum	95-1	19630755	20382025	20102264	20038348	1.89	cps
Molybdenum	96-1	21929612	21772535	22615256	22105801	2.03	cps
Molybdenum	97-1	12308642	12277063	12508666	12364791	1.02	cps
Molybdenum	98-1	31832653	32296487	31694708	31941283	0.99	cps
Neodymium	150-1	453	380	353	396	13.09	cps
Neodymium	150-2	20	23	17	20	16.65	cps
Nickel	60-2	589901	591908	578345	586718	1.25	cps
Phosphorus	31-2	53684	54177	51885	53249	2.27	cps
Potassium	39-2	4224213	4336617	4113839	4224890	2.64	cps
Rhodium	103-1	10830395	10976666	10807066	10871376	0.85	cps
Rhodium	103-2	4997366	4823003	4950756	4923708	1.83	cps
Scandium	45-1	10053625	10067533	9750251	9957136	1.80	cps
Scandium	45-2	333442	324515	327596	328517	1.38	cps
Selenium	82-1	92138	93934	93460	93178	1.00	cps
Selenium	77-2	2974	2974	3090	3013	2.24	cps
Selenium	78-2	10857	10601	10535	10664	1.60	cps
Silicon	28-1	11269688	11561420	11481471	11437526	1.32	cps
Silver	107-1	5364017	5292679	5401927	5352874	1.04	cps
Silver	109-1	5073653	5039383	4943441	5018826	1.34	cps
Sodium	23-2	23954137	23355250	22289356	23199581	3.63	cps
Strontium	86-1	35092079	34741141	33297456	34376892	2.77	cps
Strontium	88-1	292439465	297085390	286190656	291905170	1.87	cps
Sulfur	34-1	1082028	1082091	1084474	1082864	0.13	cps
Terbium	159-1	12073793	12962139	12264347	12433426	3.76	cps
Terbium	159-2	5897753	5815525	5586013	5766430	2.80	cps
Thallium	203-1	2686692	2680128	2724617	2697145	0.89	cps
Thallium	205-1	6397347	6307146	6439402	6381298	1.06	cps
Tin	118-1	3230832	3262416	3222827	3238692	0.65	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BS	Instrumnet Name :	P8
Client Sample ID :	PB150007BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:48:40	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7134186	7092569	7148347	7125034	0.41	cps
Uranium	238-1	7488445	7592849	7647175	7576156	1.06	cps
Vanadium	51-2	991490	994257	949377	978375	2.57	cps
Ytterbium	172-1	58	108	108	92	31.50	cps
Ytterbium	172-2	39	50	33	41	20.83	cps
Ytterbium	176-1	8553	8578	8511	8547	0.39	cps
Ytterbium	176-2	14586	14124	14692	14467	2.09	cps
Yttrium	89-1	19628148	20185505	19904919	19906191	1.40	cps
Yttrium	89-2	2354994	2266303	2316841	2312713	1.92	cps
Zinc	66-2	2212133	2184280	2097241	2164552	2.77	cps
Zirconium	90-1	6927588	7012698	7219552	7053279	2.13	cps
Zirconium	91-1	1641969	1647290	1623549	1637603	0.76	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:51:38	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4875306	4681575	4593888	4716923	3.05	cps
Antimony	121-1	3283124	3174496	3280692	3246104	1.91	cps
Arsenic	75-2	113218	112208	112918	112781	0.46	cps
Barium	135-1	4681400	4551881	4467948	4567076	2.35	cps
Barium	137-1	7811929	7426634	7407374	7548646	3.02	cps
Beryllium	9-1	1778766	1764459	1718742	1753989	1.79	cps
Bismuth	209-1	6117580	5827362	5908394	5951112	2.52	cps
Bismuth	209-2	3471727	3450400	3493528	3471885	0.62	cps
Boron	10-1	606603	633790	651852	630748	3.61	cps
Boron	11-1	2611155	2627757	2608251	2615721	0.40	cps
Bromine	81-1	79309	77527	75914	77583	2.19	cps
Cadmium	111-1	971646	974281	1011841	985923	2.28	cps
Cadmium	106-1	129810	127928	131029	129589	1.21	cps
Cadmium	108-1	85636	84315	85941	85297	1.01	cps
Calcium	43-1	8610100	8833356	8643089	8695515	1.39	cps
Calcium	44-1	135991627	137389071	138706647	137362448	0.99	cps
Carbon	12-1	8789714	9137365	9390471	9105850	3.31	cps
Carbon	12-2	111539	114208	111563	112437	1.36	cps
Chlorine	35-1	379651	385658	379790	381700	0.90	cps
Chlorine	35-2	3109	2625	2725	2820	9.05	cps
Chromium	52-2	1372709	1316368	1319105	1336061	2.38	cps
Cobalt	59-2	2411516	2339331	2329403	2360083	1.90	cps
Copper	63-2	17454735	17446811	17322246	17407931	0.43	cps
Dysprosium	156-1	475	467	517	486	5.51	cps
Dysprosium	156-2	187	203	197	196	4.29	cps
Erbium	164-1	92	75	175	114	47.04	cps
Erbium	164-2	50	40	40	43	13.32	cps
Gadolinium	160-1	450	367	542	453	19.33	cps
Gadolinium	160-2	267	297	230	264	12.63	cps
Holmium	165-1	11989542	11671143	11851641	11837442	1.35	cps
Holmium	165-2	5638440	5590192	5821937	5683523	2.15	cps
Indium	115-1	10988384	10900724	11006697	10965268	0.52	cps
Indium	115-2	1818632	1809292	1790228	1806051	0.80	cps
Iron	54-2	15330463	15316841	14812089	15153131	1.95	cps
Iron	56-2	273033878	263974989	271408578	269472482	1.79	cps
Iron	57-2	7064344	6841780	6761318	6889147	2.28	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:51:38	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	639	594	631	621	3.88	cps
Lead	206-1	11276321	11660754	11087402	11341492	2.58	cps
Lead	207-1	9629471	10006519	9345124	9660371	3.43	cps
Lead	208-1	44661433	45617662	44262720	44847271	1.55	cps
Lithium	6-1	8862907	8609875	8589414	8687399	1.75	cps
Magnesium	24-2	61621653	60455214	59910270	60662379	1.44	cps
Manganese	55-2	7306215	7222766	6960507	7163163	2.52	cps
Molybdenum	94-1	15260297	15596890	15194760	15350649	1.41	cps
Molybdenum	95-1	21097706	22142817	22301168	21847231	2.99	cps
Molybdenum	96-1	23392042	23567312	24301507	23753620	2.03	cps
Molybdenum	97-1	13133323	13396777	13249396	13259832	1.00	cps
Molybdenum	98-1	34348880	34924230	34357165	34543425	0.95	cps
Neodymium	150-1	480	460	367	436	13.89	cps
Neodymium	150-2	27	30	43	33	26.45	cps
Nickel	60-2	632224	623709	624784	626905	0.74	cps
Phosphorus	31-2	55105	54236	53867	54403	1.17	cps
Potassium	39-2	21617452	22218465	21239558	21691825	2.28	cps
Rhodium	103-1	10187614	10375287	10115042	10225981	1.31	cps
Rhodium	103-2	4827361	4795103	4742000	4788155	0.90	cps
Scandium	45-1	10003339	9820438	9669467	9831081	1.70	cps
Scandium	45-2	328895	331287	328802	329661	0.43	cps
Selenium	82-1	99074	98604	99880	99186	0.65	cps
Selenium	77-2	3434	3204	3280	3306	3.54	cps
Selenium	78-2	11318	11238	11192	11249	0.57	cps
Silicon	28-1	40576428	40896644	40134392	40535821	0.94	cps
Silver	107-1	5594502	5455426	5554720	5534882	1.29	cps
Silver	109-1	5320016	5406220	5189822	5305353	2.05	cps
Sodium	23-2	118193790	114510294	115097632	115933905	1.71	cps
Strontium	86-1	37346109	36255551	37077362	36893007	1.54	cps
Strontium	88-1	315313499	315346774	324300432	318320235	1.63	cps
Sulfur	34-1	1088755	1089457	1094100	1090771	0.27	cps
Terbium	159-1	12843444	12469353	12566579	12626459	1.54	cps
Terbium	159-2	5674719	5626999	5680321	5660680	0.52	cps
Thallium	203-1	2885966	2887522	2836975	2870154	1.00	cps
Thallium	205-1	6539566	6725601	6470938	6578701	2.00	cps
Tin	118-1	3342641	3279824	3266086	3296184	1.24	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 17:51:38	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7751959	7591034	7498768	7613920	1.68	cps
Uranium	238-1	8145868	7759099	8015555	7973507	2.47	cps
Vanadium	51-2	1058923	1044673	1033502	1045699	1.22	cps
Ytterbium	172-1	242	92	142	158	48.24	cps
Ytterbium	172-2	72	39	72	61	31.49	cps
Ytterbium	176-1	9037	9070	9053	9053	0.18	cps
Ytterbium	176-2	15120	14453	14981	14851	2.37	cps
Yttrium	89-1	19559400	20048929	19955954	19854761	1.31	cps
Yttrium	89-2	2317640	2322917	2241733	2294096	1.98	cps
Zinc	66-2	2120168	2050920	2146832	2105973	2.35	cps
Zirconium	90-1	7787183	7785235	7902322	7824913	0.86	cps
Zirconium	91-1	1751290	1823030	1808685	1794335	2.12	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:01:23	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205	219	207	210	3.48	cps
Antimony	121-1	533	667	750	650	16.81	cps
Arsenic	75-2	9	7	5	7	28.57	cps
Barium	135-1	58	150	67	92	55.30	cps
Barium	137-1	67	200	92	119	59.34	cps
Beryllium	9-1	141	161	119	140	15.14	cps
Bismuth	209-1	7168259	6538122	6656249	6787544	4.93	cps
Bismuth	209-2	4109292	4190050	4097564	4132302	1.22	cps
Boron	10-1	26381	26557	26032	26323	1.01	cps
Boron	11-1	120823	119432	114558	118271	2.78	cps
Bromine	81-1	85459	83254	83788	84167	1.37	cps
Cadmium	111-1	65	117	60	81	39.49	cps
Cadmium	106-1	7577	7686	7094	7452	4.23	cps
Cadmium	108-1	117	79	88	94	20.85	cps
Calcium	43-1	374	416	371	387	6.53	cps
Calcium	44-1	15022	15552	15329	15301	1.74	cps
Carbon	12-1	5815098	5808656	5690009	5771254	1.22	cps
Carbon	12-2	64702	64040	64802	64514	0.64	cps
Chlorine	35-1	299566	304378	299529	301158	0.93	cps
Chlorine	35-2	2159	2192	2050	2134	3.47	cps
Chromium	52-2	710	743	747	733	2.76	cps
Cobalt	59-2	117	73	97	96	22.70	cps
Copper	63-2	2454	2707	2707	2622	5.58	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	42	58	50	16.66	cps
Erbium	164-2	27	17	17	20	28.86	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	140	157	153	150	5.88	cps
Holmium	165-1	12132834	11738194	11986558	11952529	1.67	cps
Holmium	165-2	5920945	5911266	5939398	5923870	0.24	cps
Indium	115-1	11750576	11548660	11785850	11695029	1.09	cps
Indium	115-2	2010016	2019388	2095918	2041774	2.31	cps
Iron	54-2	1167	1233	1178	1193	3.00	cps
Iron	56-2	7091	6652	6880	6874	3.19	cps
Iron	57-2	228	156	261	215	25.12	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:01:23	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	561	622	637	607	6.65	cps
Lead	206-1	1289	1378	1306	1324	3.57	cps
Lead	207-1	1139	1122	1111	1124	1.24	cps
Lead	208-1	4956	5345	5184	5162	3.79	cps
Lithium	6-1	8821684	8903618	8780368	8835223	0.71	cps
Magnesium	24-2	408	425	342	392	11.26	cps
Manganese	55-2	190	177	183	183	3.64	cps
Molybdenum	94-1	675	783	692	717	8.14	cps
Molybdenum	95-1	658	892	633	728	19.58	cps
Molybdenum	96-1	1075	1092	1108	1092	1.53	cps
Molybdenum	97-1	475	500	442	472	6.20	cps
Molybdenum	98-1	1225	1350	1242	1272	5.34	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	80	63	43	62	29.51	cps
Phosphorus	31-2	217	342	233	264	25.72	cps
Potassium	39-2	26400	25965	25264	25876	2.21	cps
Rhodium	103-1	11817168	11338390	11626636	11594065	2.08	cps
Rhodium	103-2	5444948	5403606	5325928	5391494	1.12	cps
Scandium	45-1	10053905	9867707	10168836	10030149	1.52	cps
Scandium	45-2	351415	345030	340381	345609	1.60	cps
Selenium	82-1	53	-26	-99	-24	-313.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	111	116	107	10.78	cps
Silicon	28-1	888016	889681	866315	881337	1.48	cps
Silver	107-1	292	458	308	353	26.02	cps
Silver	109-1	167	200	200	189	10.19	cps
Sodium	23-2	24746	24413	24204	24454	1.12	cps
Strontium	86-1	1225	1400	1325	1317	6.67	cps
Strontium	88-1	2617	3918	3259	3265	19.92	cps
Sulfur	34-1	493602	493538	491440	492860	0.25	cps
Terbium	159-1	12600668	12510731	12630151	12580517	0.49	cps
Terbium	159-2	5955838	5711052	5991113	5886001	2.59	cps
Thallium	203-1	358	458	408	408	12.25	cps
Thallium	205-1	783	958	1108	950	17.12	cps
Tin	118-1	10829	9829	9304	9987	7.76	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:01:23	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	567	642	567	13.24	cps
Uranium	238-1	83	142	92	106	29.89	cps
Vanadium	51-2	17	13	10	13	25.01	cps
Ytterbium	172-1	58	125	25	69	73.32	cps
Ytterbium	172-2	11	33	67	37	75.51	cps
Ytterbium	176-1	2125	2150	2259	2178	3.26	cps
Ytterbium	176-2	11550	12278	12384	12071	3.76	cps
Yttrium	89-1	20582536	19881795	20143466	20202599	1.75	cps
Yttrium	89-2	2426840	2403885	2385657	2405461	0.86	cps
Zinc	66-2	257	287	287	277	6.26	cps
Zirconium	90-1	933	1167	950	1017	12.80	cps
Zirconium	91-1	175	158	183	172	7.39	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BL	Instrumnet Name :	P8
Client Sample ID :	PB150007BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:04:29	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237	282	241	254	9.84	cps
Antimony	121-1	217	342	342	300	24.06	cps
Arsenic	75-2	7	7	10	8	21.65	cps
Barium	135-1	33	108	125	89	54.94	cps
Barium	137-1	150	250	125	175	37.80	cps
Beryllium	9-1	144	145	119	136	10.90	cps
Bismuth	209-1	6915118	6808834	6698818	6807590	1.59	cps
Bismuth	209-2	4099969	4013810	4104719	4072833	1.26	cps
Boron	10-1	20805	20610	20731	20715	0.47	cps
Boron	11-1	94187	91431	92736	92785	1.49	cps
Bromine	81-1	88342	85914	84081	86112	2.48	cps
Cadmium	111-1	78	59	109	82	30.42	cps
Cadmium	106-1	8228	7694	7644	7855	4.12	cps
Cadmium	108-1	83	67	67	72	13.32	cps
Calcium	43-1	439	502	541	494	10.47	cps
Calcium	44-1	17084	17108	16920	17037	0.60	cps
Carbon	12-1	5703764	5653210	5716714	5691229	0.59	cps
Carbon	12-2	61345	61120	61881	61449	0.64	cps
Chlorine	35-1	300748	304872	308806	304809	1.32	cps
Chlorine	35-2	2192	2275	2275	2247	2.14	cps
Chromium	52-2	820	757	733	770	5.82	cps
Cobalt	59-2	73	127	83	94	30.02	cps
Copper	63-2	2420	2720	2584	2575	5.83	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	67	83	25	58	51.51	cps
Erbium	164-2	30	33	17	27	33.06	cps
Gadolinium	160-1	108	117	100	108	7.69	cps
Gadolinium	160-2	150	143	127	140	8.58	cps
Holmium	165-1	11912181	11800344	11838509	11850345	0.48	cps
Holmium	165-2	5935113	5991599	5974697	5967136	0.49	cps
Indium	115-1	11876945	11924498	11631434	11810959	1.33	cps
Indium	115-2	1976352	2026379	2003620	2002117	1.25	cps
Iron	54-2	1261	1283	1183	1243	4.23	cps
Iron	56-2	6802	7864	6591	7085	9.63	cps
Iron	57-2	256	267	172	231	22.30	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BL	Instrumnet Name :	P8
Client Sample ID :	PB150007BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:04:29	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	632	565	617	605	5.86	cps
Lead	206-1	1272	1222	1317	1270	3.72	cps
Lead	207-1	1045	1017	1228	1096	10.46	cps
Lead	208-1	5084	5051	5478	5204	4.57	cps
Lithium	6-1	8911193	8825169	8729828	8822063	1.03	cps
Magnesium	24-2	467	633	417	506	22.44	cps
Manganese	55-2	137	227	197	187	24.55	cps
Molybdenum	94-1	475	717	358	517	35.37	cps
Molybdenum	95-1	392	483	442	439	10.46	cps
Molybdenum	96-1	625	750	792	722	12.01	cps
Molybdenum	97-1	367	367	275	336	15.75	cps
Molybdenum	98-1	900	783	992	892	11.71	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	60	47	103	70	42.32	cps
Phosphorus	31-2	367	367	300	344	11.17	cps
Potassium	39-2	25740	26659	25732	26044	2.05	cps
Rhodium	103-1	11674577	11548845	11685292	11636238	0.65	cps
Rhodium	103-2	5260923	5264056	5371523	5298834	1.19	cps
Scandium	45-1	10392212	10206435	10195389	10264679	1.08	cps
Scandium	45-2	341224	335227	338888	338446	0.89	cps
Selenium	82-1	-79	97	64	27	340.24	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	93	106	104	101	6.93	cps
Silicon	28-1	875030	872123	847678	864944	1.74	cps
Silver	107-1	358	458	317	378	19.27	cps
Silver	109-1	225	258	242	242	6.90	cps
Sodium	23-2	26258	26934	26466	26552	1.30	cps
Strontium	86-1	1475	1350	1375	1400	4.72	cps
Strontium	88-1	3609	4284	4034	3976	8.59	cps
Sulfur	34-1	504462	492398	505265	500708	1.44	cps
Terbium	159-1	12940489	12334229	12867995	12714238	2.60	cps
Terbium	159-2	5843591	5932042	5864541	5880058	0.79	cps
Thallium	203-1	442	400	333	392	13.95	cps
Thallium	205-1	1025	900	942	956	6.66	cps
Tin	118-1	6093	5360	5960	5804	6.73	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	PB150007BL	Instrumnet Name :	P8
Client Sample ID :	PB150007BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:04:29	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	467	492	456	9.39	cps
Uranium	238-1	92	117	58	89	32.92	cps
Vanadium	51-2	7	23	13	14	58.06	cps
Ytterbium	172-1	58	75	92	75	22.23	cps
Ytterbium	172-2	22	28	50	33	44.10	cps
Ytterbium	176-1	2442	2625	2142	2403	10.16	cps
Ytterbium	176-2	11333	12417	11238	11663	5.62	cps
Yttrium	89-1	19937303	20583211	20072284	20197599	1.69	cps
Yttrium	89-2	2393065	2460899	2380880	2411614	1.79	cps
Zinc	66-2	277	320	213	270	19.87	cps
Zirconium	90-1	783	875	933	864	8.75	cps
Zirconium	91-1	92	142	158	131	26.57	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : N3670-01 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT2-2022- Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 18:20:08 DataFile Name : 061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946	1001	865	937	7.31	cps
Antimony	121-1	5776	5526	5810	5704	2.72	cps
Arsenic	75-2	115	140	103	119	15.82	cps
Barium	135-1	7019	7261	6935	7072	2.39	cps
Barium	137-1	11947	12548	12489	12328	2.69	cps
Beryllium	9-1	1755	1759	1749	1754	0.29	cps
Bismuth	209-1	6650601	6491586	6274973	6472387	2.91	cps
Bismuth	209-2	4077517	3960905	3997745	4012056	1.49	cps
Boron	10-1	16490	16612	16930	16678	1.36	cps
Boron	11-1	74612	75237	74528	74792	0.52	cps
Bromine	81-1	85579	87826	90005	87804	2.52	cps
Cadmium	111-1	861	977	962	933	6.75	cps
Cadmium	106-1	8736	8161	7252	8050	9.30	cps
Cadmium	108-1	204	138	158	167	20.46	cps
Calcium	43-1	7609	7486	7363	7486	1.64	cps
Calcium	44-1	130817	128612	130034	129821	0.86	cps
Carbon	12-1	5701226	5729314	5746315	5725618	0.40	cps
Carbon	12-2	61487	62174	61688	61783	0.57	cps
Chlorine	35-1	317583	317325	317844	317584	0.08	cps
Chlorine	35-2	2250	2484	2400	2378	4.97	cps
Chromium	52-2	2704	2897	2840	2814	3.53	cps
Cobalt	59-2	1960	2160	1950	2024	5.86	cps
Copper	63-2	5171	5224	5374	5257	2.01	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	13	0	13	9	86.60	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	17	27	27	23	24.74	cps
Gadolinium	160-1	92	92	117	100	14.43	cps
Gadolinium	160-2	157	140	167	154	8.72	cps
Holmium	165-1	12419435	11892736	11022170	11778114	5.99	cps
Holmium	165-2	5893237	5611065	5888232	5797511	2.79	cps
Indium	115-1	11819601	12231923	10828056	11626526	6.21	cps
Indium	115-2	1992540	1975465	1925203	1964403	1.78	cps
Iron	54-2	11527	11049	10754	11110	3.51	cps
Iron	56-2	189911	180941	181742	184198	2.69	cps
Iron	57-2	4673	4851	4334	4619	5.68	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:20:08	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	595	595	589	593	0.61	cps
Lead	206-1	2884	2906	3150	2980	4.97	cps
Lead	207-1	2506	2250	2523	2426	6.29	cps
Lead	208-1	11574	11102	11669	11448	2.65	cps
Lithium	6-1	9422724	9105224	8146076	8891342	7.48	cps
Magnesium	24-2	53650	52613	51065	52443	2.48	cps
Manganese	55-2	737	770	880	796	9.43	cps
Molybdenum	94-1	7669	7427	7902	7666	3.10	cps
Molybdenum	95-1	9028	8953	8845	8942	1.03	cps
Molybdenum	96-1	9837	10488	9670	9998	4.32	cps
Molybdenum	97-1	5810	5785	5243	5612	5.71	cps
Molybdenum	98-1	14233	13732	13991	13985	1.79	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	570	597	583	583	2.29	cps
Phosphorus	31-2	417	392	342	383	9.96	cps
Potassium	39-2	62788	61917	60795	61833	1.62	cps
Rhodium	103-1	11754371	11497310	10446523	11232734	6.17	cps
Rhodium	103-2	5417311	5206682	5225287	5283093	2.21	cps
Scandium	45-1	10204793	10106522	9435677	9915664	4.22	cps
Scandium	45-2	348199	346034	338016	344083	1.56	cps
Selenium	82-1	676	711	761	716	5.96	cps
Selenium	77-2	30	7	17	18	65.83	cps
Selenium	78-2	192	165	185	181	7.75	cps
Silicon	28-1	903628	879927	870201	884585	1.94	cps
Silver	107-1	4909	5168	4634	4904	5.44	cps
Silver	109-1	4718	4843	4217	4593	7.20	cps
Sodium	23-2	114391	112046	111031	112489	1.53	cps
Strontium	86-1	2134	2409	2525	2356	8.54	cps
Strontium	88-1	10946	11071	11038	11018	0.59	cps
Sulfur	34-1	529261	536455	537215	534310	0.82	cps
Terbium	159-1	12885275	12742809	11707535	12445206	5.17	cps
Terbium	159-2	5821784	5727330	5805452	5784855	0.87	cps
Thallium	203-1	2542	2759	2275	2525	9.59	cps
Thallium	205-1	6018	6393	6110	6174	3.17	cps
Tin	118-1	20825	20065	20032	20307	2.21	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:20:08	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3817	3417	3717	3651	5.70	cps
Uranium	238-1	6335	5810	6602	6249	6.45	cps
Vanadium	51-2	4077	4134	4174	4128	1.18	cps
Ytterbium	172-1	42	75	42	53	36.46	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	2309	2500	2284	2364	5.01	cps
Ytterbium	176-2	11383	11739	11894	11672	2.25	cps
Yttrium	89-1	20463542	19796961	18185383	19481962	6.01	cps
Yttrium	89-2	2459916	2325863	2284946	2356909	3.88	cps
Zinc	66-2	663	733	807	734	9.76	cps
Zirconium	90-1	7327	7194	6969	7163	2.53	cps
Zirconium	91-1	1583	1508	1533	1542	2.48	cps

LB Number : LB123575 Operator : Jaswal
 Lab Sample ID : N3670-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-QT2-2022-03 Dilution Factor : 1
 Date & Time Acquired : 2022-08-09 18:23:28 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	887	969	945	934	4.47	cps
Antimony	121-1	5126	5410	4868	5134	5.28	cps
Arsenic	75-2	91	99	111	100	10.03	cps
Barium	135-1	7469	6860	6427	6919	7.57	cps
Barium	137-1	12514	12189	11480	12061	4.38	cps
Beryllium	9-1	1726	1674	1699	1699	1.55	cps
Bismuth	209-1	6729268	6590110	6767829	6695736	1.40	cps
Bismuth	209-2	4154766	3986943	3973638	4038449	2.50	cps
Boron	10-1	14460	14620	13728	14270	3.34	cps
Boron	11-1	64948	63505	63338	63930	1.38	cps
Bromine	81-1	86395	84271	83456	84707	1.79	cps
Cadmium	111-1	876	884	820	860	4.03	cps
Cadmium	106-1	7669	7786	8269	7908	4.02	cps
Cadmium	108-1	150	200	167	172	14.78	cps
Calcium	43-1	7607	7342	7105	7351	3.42	cps
Calcium	44-1	129693	129584	126368	128548	1.47	cps
Carbon	12-1	6042899	5920754	6067871	6010508	1.31	cps
Carbon	12-2	63981	63898	63990	63956	0.08	cps
Chlorine	35-1	317736	320088	313144	316989	1.11	cps
Chlorine	35-2	2267	2109	1992	2122	6.50	cps
Chromium	52-2	2924	2910	2980	2938	1.27	cps
Cobalt	59-2	2020	2064	1883	1989	4.72	cps
Copper	63-2	5224	5118	5181	5174	1.04	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	167	58	117	114	47.61	cps
Gadolinium	160-2	130	157	163	150	11.76	cps
Holmium	165-1	11883656	11804034	12148624	11945438	1.51	cps
Holmium	165-2	5910213	5660384	5903729	5824776	2.44	cps
Indium	115-1	11932527	11875966	11789723	11866072	0.61	cps
Indium	115-2	2035755	2016948	1951654	2001452	2.21	cps
Iron	54-2	10510	10804	10637	10650	1.39	cps
Iron	56-2	184983	179262	179125	181123	1.85	cps
Iron	57-2	4695	4690	4534	4640	1.97	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2022-03	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:23:28	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	592	585	680	619	8.53	cps
Lead	206-1	2939	3012	2750	2900	4.65	cps
Lead	207-1	2467	2406	2495	2456	1.85	cps
Lead	208-1	11385	11308	11185	11293	0.89	cps
Lithium	6-1	9312662	9138120	8754357	9068380	3.15	cps
Magnesium	24-2	52939	53767	52696	53134	1.06	cps
Manganese	55-2	727	833	793	784	6.87	cps
Molybdenum	94-1	7294	7694	7552	7513	2.70	cps
Molybdenum	95-1	9295	9028	8478	8934	4.66	cps
Molybdenum	96-1	10321	10062	10087	10157	1.40	cps
Molybdenum	97-1	5218	5193	5468	5293	2.87	cps
Molybdenum	98-1	13966	14241	13440	13882	2.93	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	620	653	620	631	3.05	cps
Phosphorus	31-2	317	300	250	289	12.01	cps
Potassium	39-2	63398	62394	62277	62689	0.98	cps
Rhodium	103-1	11306127	11606696	11632181	11515001	1.57	cps
Rhodium	103-2	5427007	5484101	5390496	5433868	0.87	cps
Scandium	45-1	10288524	10082087	10429306	10266639	1.70	cps
Scandium	45-2	344635	342200	341819	342885	0.45	cps
Selenium	82-1	720	665	661	682	4.82	cps
Selenium	77-2	37	27	50	38	30.98	cps
Selenium	78-2	164	156	176	165	6.09	cps
Silicon	28-1	890406	905498	946448	914118	3.17	cps
Silver	107-1	4876	5385	4659	4973	7.49	cps
Silver	109-1	4793	4409	4526	4576	4.30	cps
Sodium	23-2	111995	113692	112525	112737	0.77	cps
Strontium	86-1	2242	2334	2334	2303	2.30	cps
Strontium	88-1	11613	10713	10571	10966	5.16	cps
Sulfur	34-1	545133	536299	525576	535669	1.83	cps
Terbium	159-1	12322987	12400631	12661231	12461616	1.42	cps
Terbium	159-2	6004270	5721290	5647511	5791023	3.25	cps
Thallium	203-1	2459	2434	2209	2367	5.82	cps
Thallium	205-1	6210	6110	5668	5996	4.81	cps
Tin	118-1	19832	20041	18889	19587	3.13	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	N3670-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2022-03	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:23:28	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3742	3492	3901	3712	5.55	cps
Uranium	238-1	5960	5993	6168	6041	1.85	cps
Vanadium	51-2	4201	4087	4407	4232	3.84	cps
Ytterbium	172-1	42	42	67	50	28.87	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	2225	2134	2400	2253	6.01	cps
Ytterbium	176-2	11322	11711	11689	11574	1.89	cps
Yttrium	89-1	20389382	20352804	20467275	20403154	0.29	cps
Yttrium	89-2	2433132	2424077	2422612	2426607	0.23	cps
Zinc	66-2	783	753	770	769	1.95	cps
Zirconium	90-1	6985	6819	7010	6938	1.50	cps
Zirconium	91-1	1525	1733	1550	1603	7.10	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:33:28	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4751146	4701237	4828114	4760166	1.34	cps
Antimony	121-1	3124285	3262858	3269491	3218878	2.55	cps
Arsenic	75-2	115655	113794	114632	114694	0.81	cps
Barium	135-1	4510038	4511079	4502517	4507878	0.10	cps
Barium	137-1	7687585	7726578	7646020	7686728	0.52	cps
Beryllium	9-1	1726435	1775285	1840879	1780866	3.22	cps
Bismuth	209-1	5987335	5945471	6047161	5993322	0.85	cps
Bismuth	209-2	3469697	3518798	3449434	3479310	1.03	cps
Boron	10-1	573190	593463	606719	591124	2.86	cps
Boron	11-1	2421119	2562257	2568459	2517278	3.31	cps
Bromine	81-1	84364	82176	83162	83234	1.32	cps
Cadmium	111-1	921206	921482	942168	928285	1.30	cps
Cadmium	106-1	126125	127405	123368	125633	1.64	cps
Cadmium	108-1	81762	82228	81225	81738	0.61	cps
Calcium	43-1	8872253	8540700	8658745	8690566	1.93	cps
Calcium	44-1	137632231	137408688	136725872	137255597	0.34	cps
Carbon	12-1	8212327	8601967	8654750	8489682	2.85	cps
Carbon	12-2	104251	107416	107122	106263	1.65	cps
Chlorine	35-1	466002	463859	468647	466169	0.51	cps
Chlorine	35-2	3392	3442	3234	3356	3.24	cps
Chromium	52-2	1374684	1367849	1287328	1343287	3.62	cps
Cobalt	59-2	2417099	2389431	2332905	2379812	1.80	cps
Copper	63-2	16878943	16883774	16421740	16728152	1.59	cps
Dysprosium	156-1	575	650	658	628	7.31	cps
Dysprosium	156-2	210	170	180	187	11.15	cps
Erbium	164-1	58	108	92	86	29.57	cps
Erbium	164-2	67	47	57	57	17.65	cps
Gadolinium	160-1	392	492	392	425	13.58	cps
Gadolinium	160-2	283	287	320	297	6.84	cps
Holmium	165-1	11861879	11952281	11889064	11901075	0.39	cps
Holmium	165-2	5871644	5885387	5815768	5857599	0.63	cps
Indium	115-1	11131146	11227037	11282871	11213685	0.68	cps
Indium	115-2	1905361	1826115	1843083	1858186	2.25	cps
Iron	54-2	15367825	14835796	15743844	15315822	2.98	cps
Iron	56-2	273162017	274867101	279415406	275814841	1.17	cps
Iron	57-2	7065108	6910442	6857450	6944333	1.55	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:33:28	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	644	621	607	624	2.93	cps
Lead	206-1	11266425	11642592	11428675	11445897	1.65	cps
Lead	207-1	9570331	9604735	9928988	9701351	2.04	cps
Lead	208-1	44796510	44267323	45571390	44878408	1.46	cps
Lithium	6-1	8338000	8460437	8485873	8428103	0.94	cps
Magnesium	24-2	60838068	62531245	59155674	60841662	2.77	cps
Manganese	55-2	7331240	7445781	7306815	7361279	1.01	cps
Molybdenum	94-1	15289386	15129892	15358540	15259273	0.77	cps
Molybdenum	95-1	22266385	21995566	21614679	21958877	1.49	cps
Molybdenum	96-1	23795655	23621842	23882407	23766635	0.56	cps
Molybdenum	97-1	13102111	13318413	13403323	13274616	1.17	cps
Molybdenum	98-1	35167778	34689308	33995588	34617558	1.70	cps
Neodymium	150-1	540	453	520	504	9.00	cps
Neodymium	150-2	73	47	33	51	39.85	cps
Nickel	60-2	594668	587899	583593	588720	0.95	cps
Phosphorus	31-2	55549	55741	54285	55192	1.43	cps
Potassium	39-2	22500374	21854193	22396230	22250266	1.56	cps
Rhodium	103-1	10643131	10345147	10754709	10580996	2.00	cps
Rhodium	103-2	4809946	4684311	4739865	4744707	1.33	cps
Scandium	45-1	9871510	10133103	9999549	10001387	1.31	cps
Scandium	45-2	330649	330556	330232	330479	0.07	cps
Selenium	82-1	92979	93379	92381	92913	0.54	cps
Selenium	77-2	3280	3130	2917	3109	5.87	cps
Selenium	78-2	10623	10427	10455	10502	1.01	cps
Silicon	28-1	42258605	41902332	41877468	42012802	0.51	cps
Silver	107-1	5201305	5419118	5244544	5288322	2.18	cps
Silver	109-1	5021719	5044332	4942204	5002752	1.07	cps
Sodium	23-2	121533365	119422432	117029861	119328553	1.89	cps
Strontium	86-1	37111743	36325767	36106366	36514625	1.45	cps
Strontium	88-1	313416915	321782916	323195082	319464971	1.65	cps
Sulfur	34-1	1114760	1125644	1112751	1117718	0.62	cps
Terbium	159-1	12206124	12607105	12616516	12476582	1.88	cps
Terbium	159-2	5930345	5692913	5776017	5799758	2.08	cps
Thallium	203-1	2804943	2827157	2858881	2830327	0.96	cps
Thallium	205-1	6558035	6494082	6471186	6507768	0.69	cps
Tin	118-1	3191699	3441113	3374870	3335894	3.87	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:33:28	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7854784	7934773	7819767	7869774	0.75	cps
Uranium	238-1	8042287	8076035	8032054	8050125	0.29	cps
Vanadium	51-2	1060341	1058443	1029752	1049512	1.63	cps
Ytterbium	172-1	167	183	133	161	15.80	cps
Ytterbium	172-2	89	72	50	70	27.73	cps
Ytterbium	176-1	9754	9279	9145	9393	3.41	cps
Ytterbium	176-2	14753	14530	14314	14532	1.51	cps
Yttrium	89-1	20034176	19477050	20520531	20010585	2.61	cps
Yttrium	89-2	2445268	2349383	2295201	2363284	3.22	cps
Zinc	66-2	2109617	2125291	2084623	2106510	0.97	cps
Zirconium	90-1	7782796	7711432	8106705	7866978	2.68	cps
Zirconium	91-1	1847459	1818223	1786355	1817346	1.68	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:41:25	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	199	200	172	190	8.16	cps
Antimony	121-1	333	567	617	506	29.91	cps
Arsenic	75-2	10	6	5	7	37.80	cps
Barium	135-1	42	233	50	108	100.00	cps
Barium	137-1	50	300	75	142	97.20	cps
Beryllium	9-1	122	187	127	146	24.80	cps
Bismuth	209-1	6509117	6688009	6866002	6687710	2.67	cps
Bismuth	209-2	4188630	3778791	3990551	3985991	5.14	cps
Boron	10-1	23779	23466	22913	23386	1.87	cps
Boron	11-1	103522	102091	105226	103613	1.51	cps
Bromine	81-1	82619	87839	80666	83708	4.43	cps
Cadmium	111-1	52	80	13	48	69.91	cps
Cadmium	106-1	7377	7711	6585	7224	8.00	cps
Cadmium	108-1	108	108	129	115	10.43	cps
Calcium	43-1	401	705	439	515	32.16	cps
Calcium	44-1	15384	20690	15116	17064	18.42	cps
Carbon	12-1	5816392	5733121	5793998	5781170	0.75	cps
Carbon	12-2	62817	64476	62885	63393	1.48	cps
Chlorine	35-1	304930	307145	305034	305703	0.41	cps
Chlorine	35-2	2017	2267	2209	2164	6.04	cps
Chromium	52-2	843	930	810	861	7.19	cps
Cobalt	59-2	100	80	77	86	14.75	cps
Copper	63-2	2264	2240	2400	2301	3.76	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	25	75	44	60.28	cps
Erbium	164-2	30	10	20	20	50.00	cps
Gadolinium	160-1	92	92	100	94	5.09	cps
Gadolinium	160-2	203	143	147	164	20.51	cps
Holmium	165-1	11915798	11903498	11995204	11938167	0.42	cps
Holmium	165-2	6100249	5509120	5650613	5753327	5.36	cps
Indium	115-1	11653854	11610512	11527725	11597364	0.55	cps
Indium	115-2	1994631	1923129	1978254	1965338	1.91	cps
Iron	54-2	1161	1211	1278	1217	4.81	cps
Iron	56-2	7313	6935	6996	7082	2.87	cps
Iron	57-2	217	228	233	226	3.76	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:41:25	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	616	597	610	608	1.57	cps
Lead	206-1	1295	1650	1295	1413	14.53	cps
Lead	207-1	1067	1395	1028	1163	17.32	cps
Lead	208-1	4873	6456	4945	5425	16.49	cps
Lithium	6-1	8472049	8397992	8795048	8555029	2.47	cps
Magnesium	24-2	400	408	358	389	6.89	cps
Manganese	55-2	160	187	207	184	12.69	cps
Molybdenum	94-1	825	1175	475	825	42.43	cps
Molybdenum	95-1	950	1309	683	981	31.99	cps
Molybdenum	96-1	1017	1800	867	1228	40.83	cps
Molybdenum	97-1	467	883	317	556	52.85	cps
Molybdenum	98-1	1425	1984	1092	1500	30.04	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	53	83	73	70	21.82	cps
Phosphorus	31-2	267	267	250	261	3.69	cps
Potassium	39-2	26475	26867	26667	26670	0.74	cps
Rhodium	103-1	11312973	11443395	11250466	11335611	0.87	cps
Rhodium	103-2	5477923	5009653	5405024	5297533	4.76	cps
Scandium	45-1	9746026	9961136	10204372	9970511	2.30	cps
Scandium	45-2	334794	321783	333287	329955	2.16	cps
Selenium	82-1	-77	10	-24	-30	-145.08	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	96	94	105	98	5.96	cps
Silicon	28-1	866370	864157	852273	860933	0.88	cps
Silver	107-1	250	475	375	367	30.74	cps
Silver	109-1	267	350	192	269	29.40	cps
Sodium	23-2	25122	25256	24579	24986	1.43	cps
Strontium	86-1	1250	2651	1125	1675	50.56	cps
Strontium	88-1	3225	13490	2942	6552	91.72	cps
Sulfur	34-1	482732	487313	483244	484430	0.52	cps
Terbium	159-1	12572690	12348391	12452489	12457857	0.90	cps
Terbium	159-2	6213800	5573330	5696490	5827873	5.83	cps
Thallium	203-1	358	450	258	356	26.96	cps
Thallium	205-1	908	1083	917	970	10.18	cps
Tin	118-1	9479	8736	9287	9167	4.20	cps

LB Number :	LB123575	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-08-09 18:41:25	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	808	425	575	35.62	cps
Uranium	238-1	58	333	83	158	96.04	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Ytterbium	172-1	50	67	58	58	14.29	cps
Ytterbium	172-2	39	61	22	41	47.89	cps
Ytterbium	176-1	2150	2367	2309	2275	4.93	cps
Ytterbium	176-2	11883	11522	11444	11616	2.02	cps
Yttrium	89-1	19761337	20056528	20478278	20098714	1.79	cps
Yttrium	89-2	2462946	2307253	2327611	2365937	3.58	cps
Zinc	66-2	273	323	300	299	8.37	cps
Zirconium	90-1	700	1125	900	908	23.41	cps
Zirconium	91-1	125	200	158	161	23.33	cps