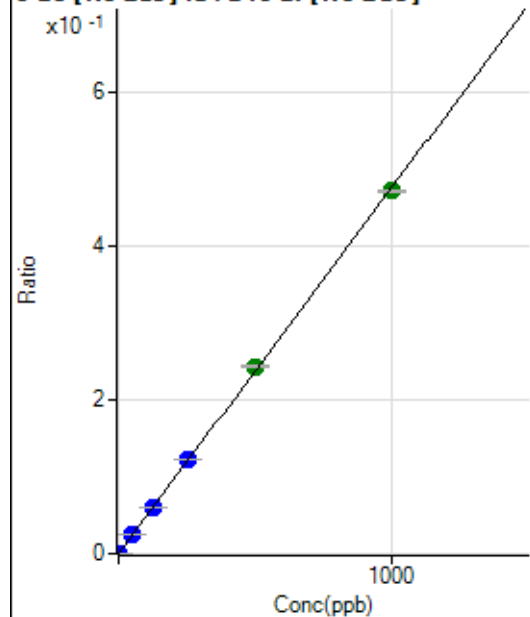


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8062821 MS.b\
Analysis File: P8062821 MS.batch.bin
DA Date-Time: 2021-06-28 16:06:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-06-28 13:06:08
2	005CALS.d	S02	2021-06-28 13:12:18
3	006CALS.d	S03	2021-06-28 13:15:24
4	007CALS.d	S04	2021-06-28 13:18:27
5	008CALS.d	S05	2021-06-28 13:21:33
6	009CALS.d	S06	2021-06-28 13:24:36
7	010CALS.d	S07	2021-06-28 13:27:42
8	011CALS.d	S08	2021-06-28 13:30:46

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.66	0.0000	P	25.9
2	☐	1.000	1.081	2583.73	0.0005	P	2.8
3	☐	50.000	51.895	123472.79	0.0246	P	1.3
4	☐	125.000	126.474	306707.27	0.0600	P	1.5
5	☐	250.000	256.148	610314.26	0.1216	P	0.5
6	☐	500.000	512.181	1198900.89	0.2431	A	0.8
7	☐	1000.000	992.093	2255106.96	0.4710	A	0.7
8	☐			597.89	0.0001	P	13.9

$$y = 4.7471\text{E-}004 * x + 7.9488\text{E-}006$$

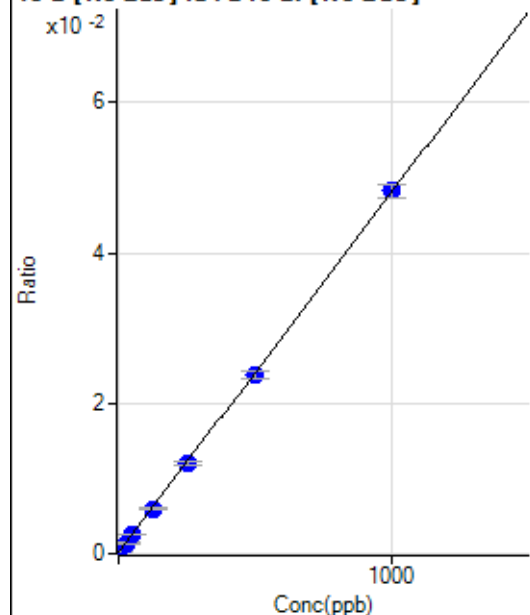
$$R = 0.9999$$

$$DL = 0.01302$$

$$BEC = 0.01674$$

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	767.87	0.0002	P	8.3
2	☐	25.000	25.701	6882.27	0.0014	P	6.9
3	☐	50.000	49.825	12743.69	0.0025	P	6.7
4	☐	125.000	120.252	30231.05	0.0059	P	4.0
5	☐	250.000	245.911	59899.76	0.0119	P	4.5
6	☐	500.000	495.009	117661.29	0.0239	P	4.2
7	☐	1000.000	1004.103	230991.05	0.0482	P	3.9
8	☐			23599.06	0.0050	P	12.0

$$y = 4.7878\text{E-}005 * x + 1.5803\text{E-}004$$

$$R = 1.0000$$

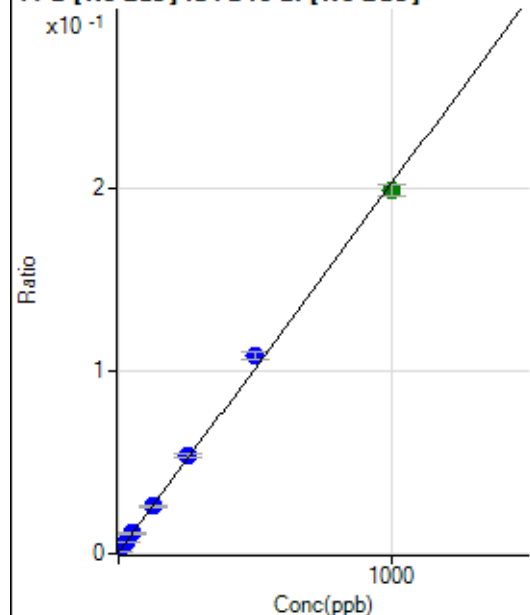
$$DL = 0.817$$

$$BEC = 3.301$$

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	3309.73	0.0007	P	1.9
2	☐	25.000	27.486	30845.56	0.0062	P	6.7
3	☐	50.000	52.674	56630.29	0.0113	P	5.7
4	☐	125.000	125.625	132946.12	0.0260	P	4.1
5	☐	250.000	262.877	269586.12	0.0537	P	5.1
6	☐	500.000	532.958	533460.76	0.1082	P	4.0
7	☐	1000.000	980.028	949876.59	0.1983	A	3.1
8	☐			105257.88	0.0225	P	11.5

$$y = 2.0168\text{E-}004 * x + 6.7994\text{E-}004$$

$$R = 0.9991$$

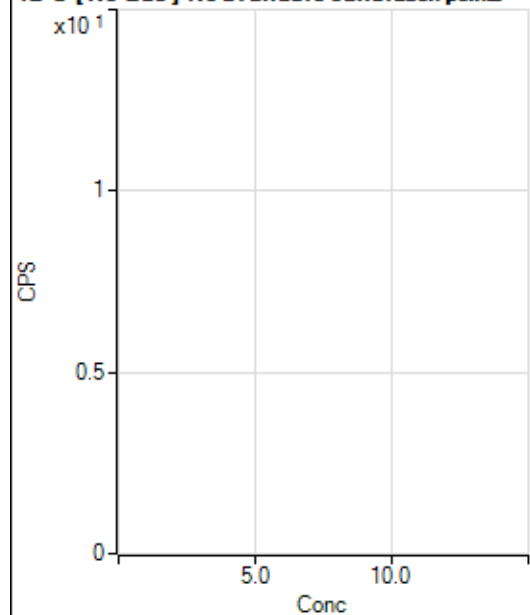
$$DL = 0.1925$$

$$BEC = 3.371$$

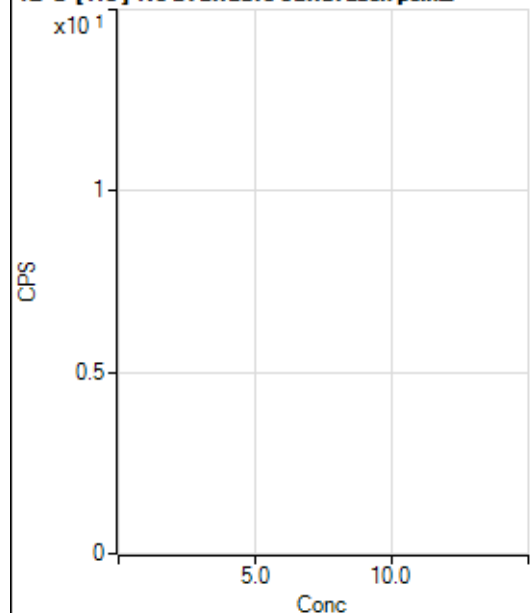
Weight: <None>

Min Conc: 0

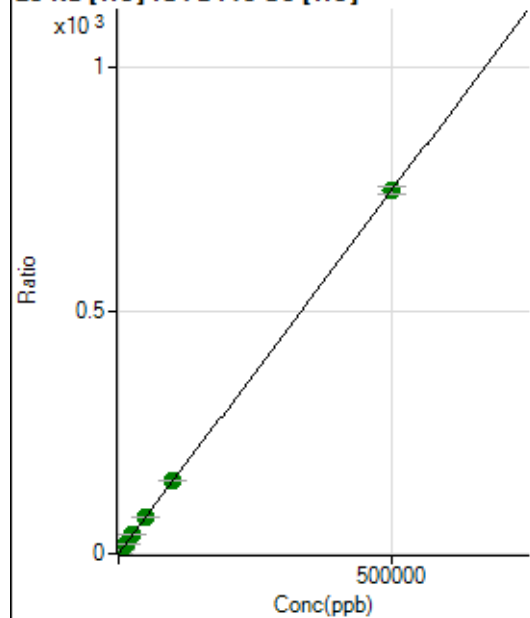
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5419563.40		A	0.4
2	☐			5534153.72		A	1.0
3	☐			5534693.31		A	0.4
4	☐			5550359.89		A	1.2
5	☐			5683301.21		A	0.4
6	☐			6325806.13		A	2.2
7	☐			7154022.12		A	1.4
8	☐			6297962.51		A	2.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54892.26		P	1.8
2	☐			56896.62		P	1.7
3	☐			57471.53		P	1.3
4	☐			57195.53		P	1.8
5	☐			60929.71		P	1.0
6	☐			67773.63		P	0.8
7	☐			79464.80		P	0.5
8	☐			73213.29		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14454.71	0.0781	P	2.5
2	☐	500.000	524.701	162937.37	0.8614	P	1.3
3	☐	5000.000	5303.467	1533703.13	7.9953	A	2.4
4	☐	12500.000	12811.291	3681382.07	19.2032	A	1.8
5	☐	25000.000	26192.751	7472143.92	39.1794	A	1.4
6	☐	50000.000	50978.100	14384205.53	76.1797	A	1.6
7	☐	100000.00	100314.97	28372893.69	149.8313	A	1.6
8	☐	500000.00	499768.71	144094506.0	746.1479	A	2.0

$$y = 0.0015 * x + 0.0781$$

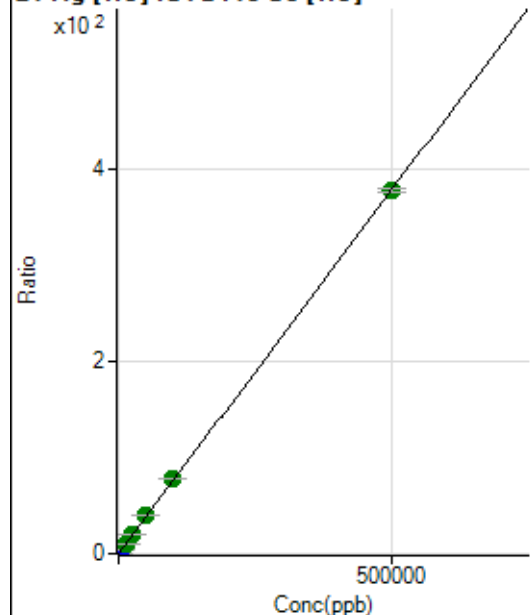
$$R = 1.0000$$

$$DL = 3.885$$

$$BEC = 52.31$$

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	155.56	0.0008	P	6.7
2	☐	500.000	535.469	76822.06	0.4061	P	1.7
3	☐	5000.000	5444.792	790739.49	4.1220	P	1.7
4	☐	12500.000	13522.910	1962931.42	10.2364	A	1.5
5	☐	25000.000	27135.043	3916993.32	20.5395	A	2.2
6	☐	50000.000	52962.309	7569509.20	40.0882	A	0.7
7	☐	100000.00	103061.77	14772109.71	78.0087	A	2.3
8	☐	500000.00	498954.60	72950655.80	377.6618	A	1.0

$$y = 7.5690\text{E-}004 * x + 8.3957\text{E-}004$$

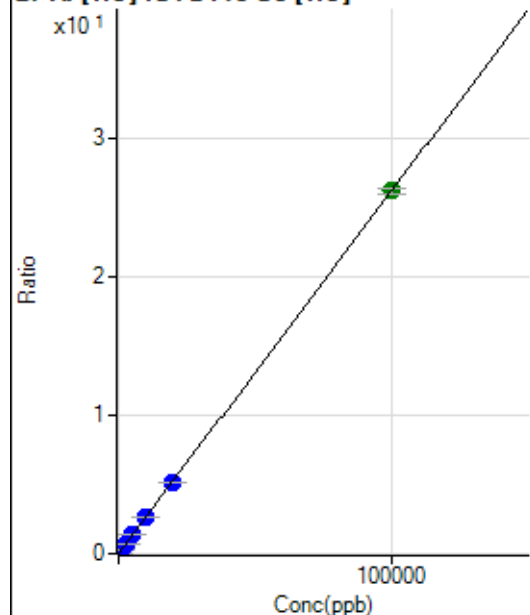
$$R = 1.0000$$

$$DL = 0.2214$$

$$BEC = 1.109$$

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	83.74	0.0005	P	4.5
2	☐	20.000	22.159	1185.73	0.0063	P	1.6
3	☐	1000.000	1039.123	52409.94	0.2732	P	2.1
4	☐	2500.000	2540.507	127943.29	0.6673	P	0.7
5	☐	5000.000	5165.705	258686.47	1.3564	P	0.7
6	☐	10000.000	10148.831	503086.01	2.6644	P	1.3
7	☐	20000.000	19730.782	980849.33	5.1796	P	0.5
8	☐	100000.00	100029.27	5071341.66	26.2572	A	1.9

$$y = 2.6249\text{E-}004 * x + 4.5196\text{E-}004$$

$$R = 1.0000$$

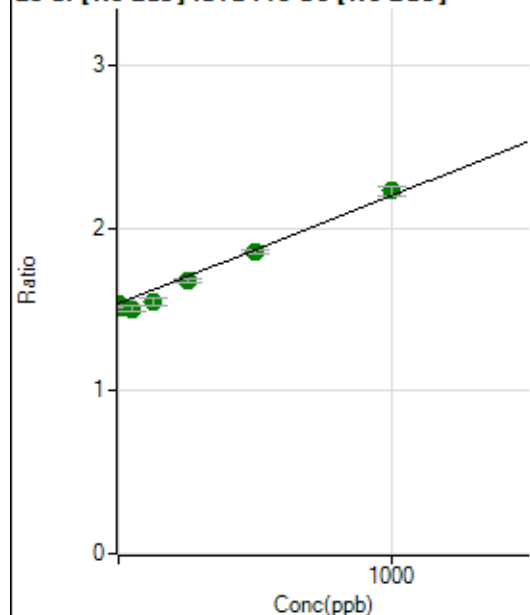
$$DL = 0.2301$$

$$BEC = 1.722$$

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	10585819.59	1.5387	A	3.2
2	☐	10.000	-29.022	10570085.13	1.5195	A	1.5
3	☐	50.000	-52.288	10722458.05	1.5040	A	2.5
4	☐	125.000	14.843	11124518.04	1.5486	A	3.1
5	☐	250.000	211.992	11811212.59	1.6795	A	1.9
6	☐	500.000	471.832	13102436.32	1.8520	A	1.2
7	☐	1000.000	1042.860	15443133.33	2.2311	A	2.6
8	☐			10680946.16	1.5268	A	1.9

$$y = 6.6393E-004 * x + 1.5387$$

$$R = 0.9947$$

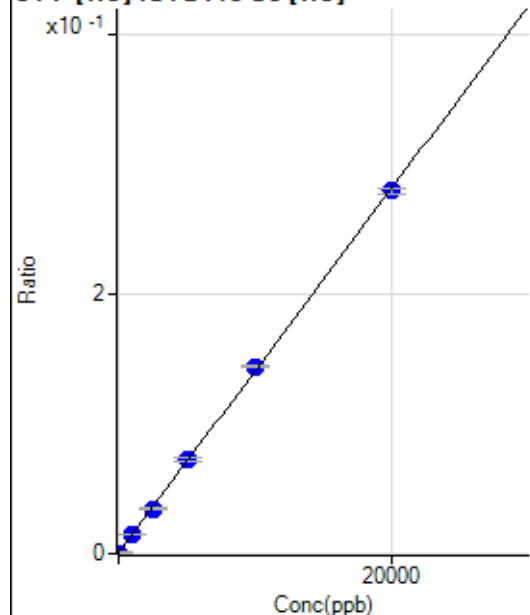
$$DL = 223.4$$

$$BEC = 2318$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-2.723	111.11	0.0006	P	29.7
2	☐	0.000	2.723	127.78	0.0007	P	22.8
3	☐	1000.000	1016.580	2864.24	0.0149	P	1.0
4	☐	2500.000	2433.579	6679.51	0.0349	P	5.1
5	☐	5000.000	5107.844	13812.45	0.0724	P	3.7
6	☐	10000.000	10223.793	27262.33	0.1444	P	1.3
7	☐	20000.000	19868.616	53019.89	0.2800	P	1.7
8	☐			155.56	0.0008	P	19.3

$$y = 1.4059E-005 * x + 6.3703E-004$$

$$R = 0.9999$$

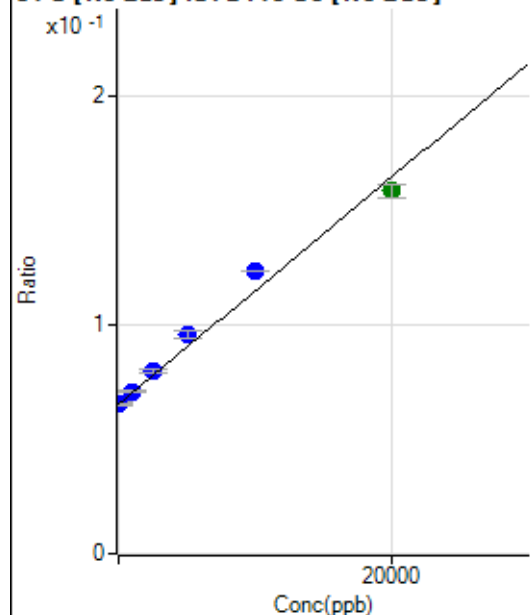
$$DL = 35.41$$

$$BEC = 45.31$$

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	51.324	451192.35	0.0656	P	2.6
2	☐	0.000	-51.324	452605.66	0.0651	P	2.1
3	☐	1000.000	1126.718	505564.66	0.0709	P	1.4
4	☐	2500.000	2891.385	572231.73	0.0797	P	2.8
5	☐	5000.000	6163.762	674108.81	0.0959	P	3.0
6	☐	10000.000	11757.779	874425.43	0.1236	P	0.3
7	☐	20000.000	18774.911	1095983.29	0.1584	A	3.6
8	☐			403429.58	0.0577	P	1.2

$$y = 4.9561\text{E-}006 * x + 0.0653$$

$$R = 0.9917$$

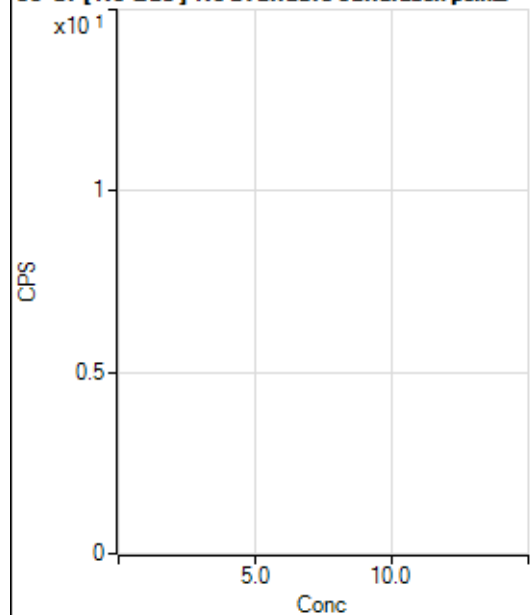
$$DL = 929.6$$

$$BEC = 1.318\text{E}+04$$

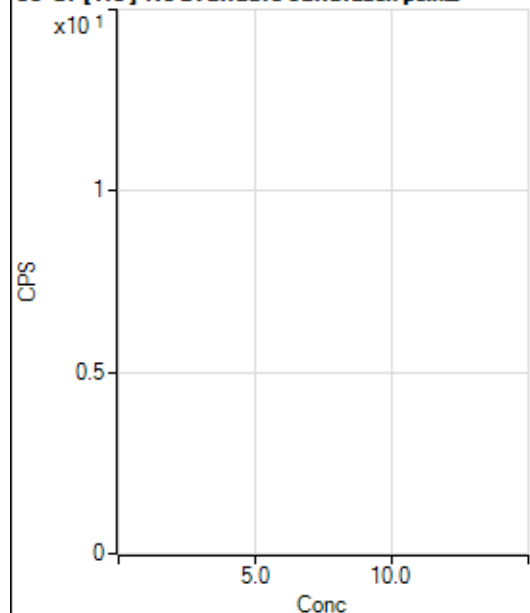
Weight: <None>

Min Conc: 0

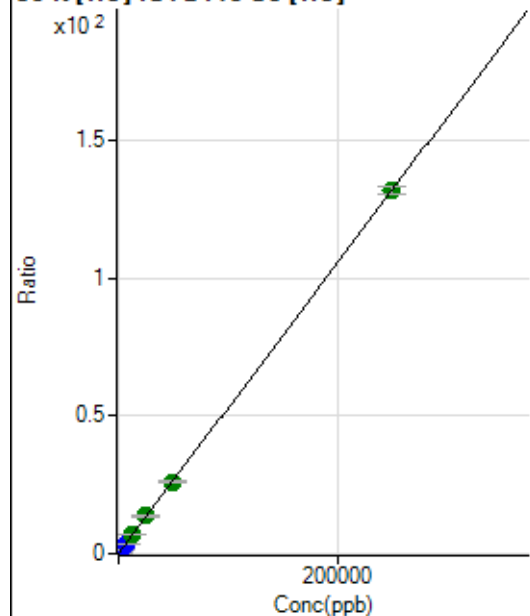
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			392424.29		P	0.2
2	☐			395287.90		P	0.8
3	☐			359787.23		P	0.3
4	☐			364487.10		P	0.3
5	☐			341343.87		P	0.7
6	☐			321192.69		P	0.1
7	☐			311199.45		P	0.9
8	☐			323292.17		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2414.17		P	5.9
2	☐			2589.20		P	2.7
3	☐			2361.37		P	1.8
4	☐			2066.87		P	2.5
5	☐			2166.89		P	5.7
6	☐			2058.53		P	6.0
7	☐			1941.86		P	5.8
8	☐			2319.69		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17455.35	0.0943	P	1.7
2	☐	500.000	509.193	68602.49	0.3627	P	1.3
3	☐	2500.000	2550.307	275964.28	1.4385	P	1.2
4	☐	6250.000	6396.436	664501.97	3.4658	P	0.5
5	☐	12500.000	13114.566	1336247.66	7.0068	A	0.5
6	☐	25000.000	25700.934	2575815.90	13.6410	A	0.3
7	☐	50000.000	49367.291	4945343.86	26.1153	A	1.2
8	☐	250000.00	250021.53	25469646.06	131.8779	A	1.9

$$y = 5.2709\text{E-}004 * x + 0.0943$$

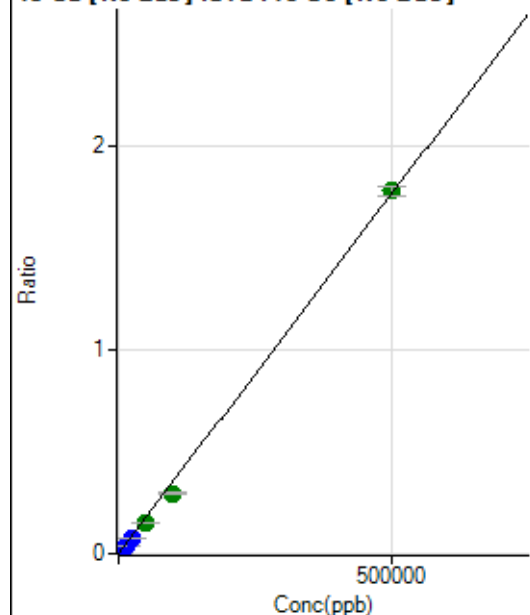
$$R = 1.0000$$

$$DL = 8.927$$

$$BEC = 178.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	199.06	0.0000	P	7.0
2	☐	500.000	502.721	12541.80	0.0018	P	1.6
3	☐	5000.000	4096.562	103263.43	0.0145	P	2.2
4	☐	12500.000	10121.092	256752.25	0.0357	P	3.3
5	☐	25000.000	20810.128	516634.34	0.0735	P	1.6
6	☐	50000.000	42086.751	1050851.47	0.1485	A	1.4
7	☐	100000.00	83643.979	2043302.72	0.2952	A	2.2
8	☐	500000.00	504340.52	12449539.85	1.7797	A	2.4

$$y = 3.5286\text{E-}006 * x + 2.8959\text{E-}005$$

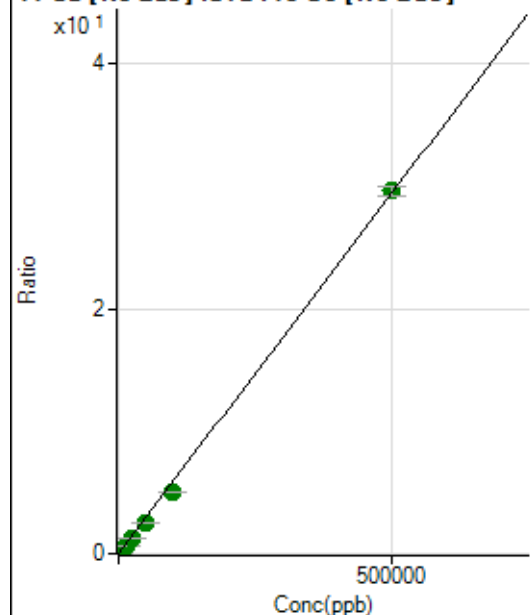
$$R = 0.9994$$

$$DL = 1.713$$

$$BEC = 8.207$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27719.34	0.0040	P	2.4
2	☐	500.000	496.123	230950.58	0.0332	P	2.1
3	☐	5000.000	4423.486	1883690.55	0.2641	A	0.5
4	☐	12500.000	10755.437	4574802.03	0.6365	A	0.4
5	☐	25000.000	21587.476	8956518.38	1.2735	A	2.0
6	☐	50000.000	42837.840	17850066.60	2.5231	A	1.7
7	☐	100000.00	85507.564	34841244.32	5.0322	A	1.2
8	☐	500000.00	503834.71	207285370.5	29.6314	A	2.4

$$y = 5.8804\text{E-}005 * x + 0.0040$$

$$R = 0.9995$$

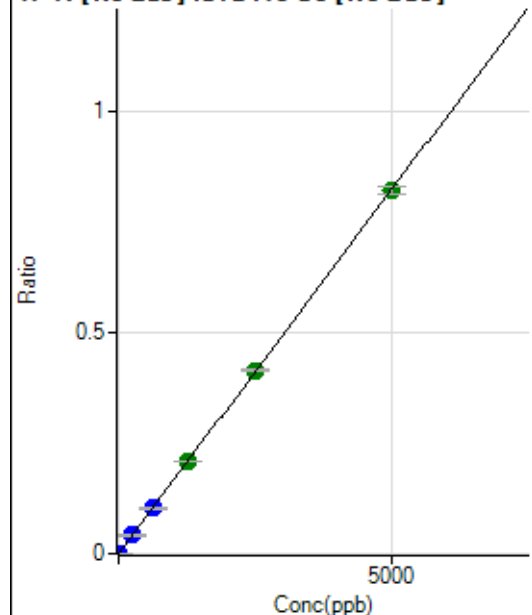
$$DL = 4.844$$

$$BEC = 68.51$$

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	244.46	0.0000	P	14.4
2	☐	5.000	5.242	6240.43	0.0009	P	6.7
3	☐	250.000	252.499	296343.35	0.0416	P	1.4
4	☐	625.000	629.634	744084.61	0.1036	P	3.5
5	☐	1250.000	1277.467	1478083.92	0.2101	A	0.2
6	☐	2500.000	2516.883	2928774.92	0.4140	A	0.6
7	☐	5000.000	4983.987	5674498.22	0.8197	A	2.1
8	☐			2064.09	0.0003	P	9.1

$$y = 1.6446E-004 * x + 3.5412E-005$$

$$R = 1.0000$$

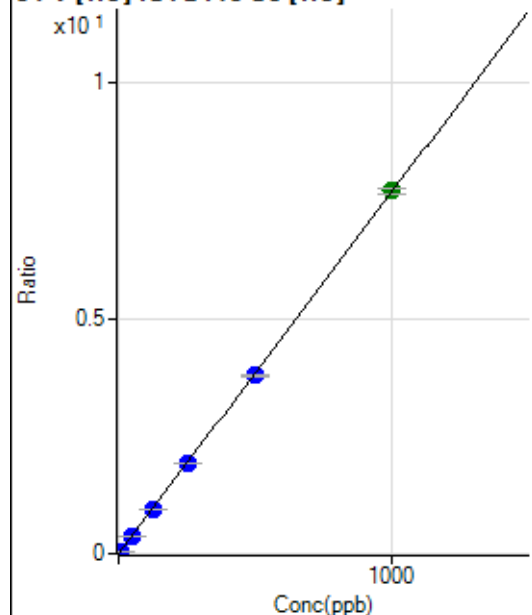
$$DL = 0.09328$$

$$BEC = 0.2153$$

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	0.00	0.0000	P	
2	☐	5.000	5.032	7310.82	0.0386	P	0.9
3	☐	50.000	49.602	73080.83	0.3809	P	1.0
4	☐	125.000	123.466	181788.00	0.9482	P	1.3
5	☐	250.000	249.152	364920.96	1.9135	P	0.3
6	☐	500.000	493.249	715246.89	3.7881	P	1.5
7	☐	1000.000	1003.799	1459824.89	7.7091	A	1.3
8	☐			518.90	0.0027	P	12.6

$$y = 0.0077 * x + 0.0000E+000$$

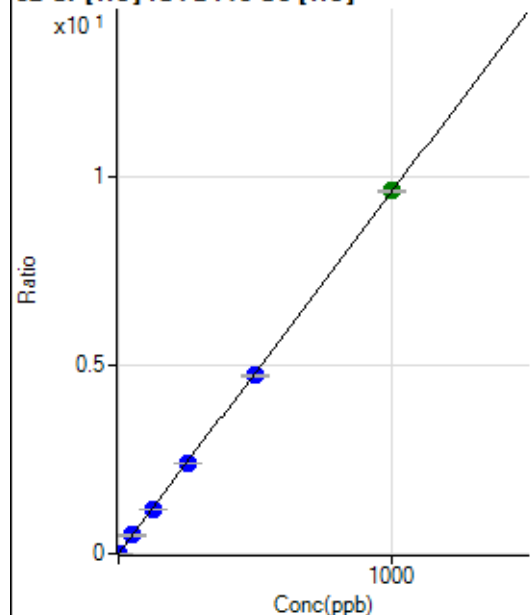
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	805.59	0.0044	P	4.7
2	☐	2.000	2.088	4617.46	0.0244	P	2.1
3	☐	50.000	50.143	93223.52	0.4860	P	2.0
4	☐	125.000	123.801	228814.19	1.1934	P	0.8
5	☐	250.000	250.350	459397.75	2.4089	P	0.8
6	☐	500.000	493.351	895535.44	4.7429	P	1.4
7	☐	1000.000	1003.380	1825824.74	9.6417	A	0.8
8	☐			7345.28	0.0380	P	2.7

$$y = 0.0096 * x + 0.0044$$

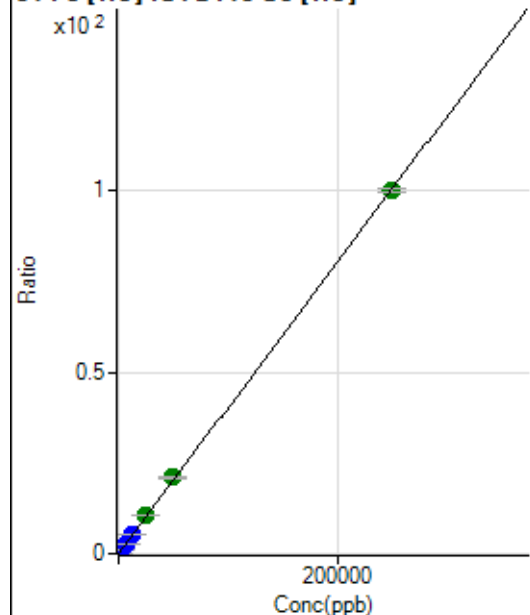
$$R = 1.0000$$

$$DL = 0.06376$$

$$BEC = 0.4532$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	396.31	0.0021	P	23.3
2	☐	50.000	54.882	4567.47	0.0241	P	1.5
3	☐	2500.000	2645.603	203867.16	1.0627	P	1.3
4	☐	6250.000	6629.829	509956.22	2.6599	P	1.2
5	☐	12500.000	13324.227	1018981.46	5.3436	P	1.2
6	☐	25000.000	26800.398	2029088.24	10.7459	A	0.5
7	☐	50000.000	52594.835	3992966.81	21.0864	A	2.0
8	☐	250000.00	249248.82	19299519.64	99.9210	A	1.1

$$y = 4.0088E-004 * x + 0.0021$$

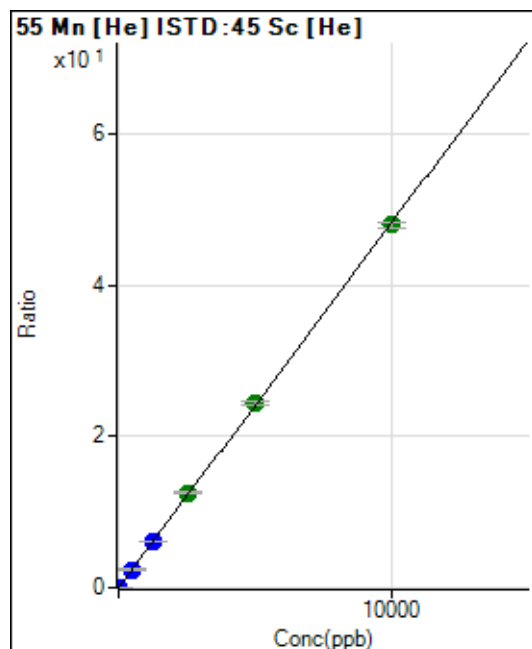
$$R = 0.9999$$

$$DL = 3.748$$

$$BEC = 5.351$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	73.34	0.0004	P	18.0
2	☐	1.000	0.975	965.60	0.0051	P	0.5
3	☐	500.000	500.642	463570.24	2.4165	P	1.6
4	☐	1250.000	1255.018	1161270.37	6.0571	P	1.4
5	☐	2500.000	2592.987	2386223.52	12.5142	A	1.9
6	☐	5000.000	5061.194	4611915.80	24.4258	A	1.6
7	☐	10000.000	9945.497	9089020.84	47.9976	A	1.5
8	☐			5382.18	0.0279	P	4.6

$$y = 0.0048 * x + 3.9705E-004$$

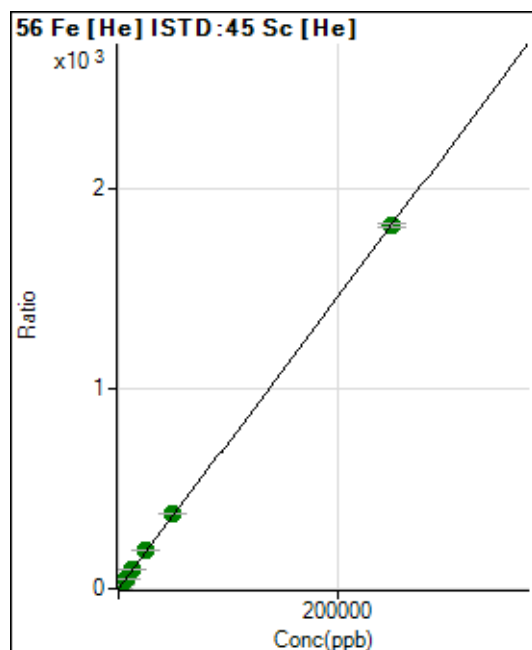
$$R = 0.9999$$

$$DL = 0.04441$$

$$BEC = 0.08227$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2172.43	0.0117	P	4.6
2	☐	50.000	55.079	78146.27	0.4131	P	1.1
3	☐	2500.000	2693.192	3767576.12	19.6386	A	0.8
4	☐	6250.000	6645.877	9289559.35	48.4442	A	0.8
5	☐	12500.000	13437.469	18676879.35	97.9386	A	2.0
6	☐	25000.000	26381.337	36304022.57	192.2683	A	1.2
7	☐	50000.000	51716.595	71371008.08	376.9014	A	1.9
8	☐	250000.00	249459.84	351136456.0	1,817.974	A	1.2

$$y = 0.0073 * x + 0.0117$$

$$R = 1.0000$$

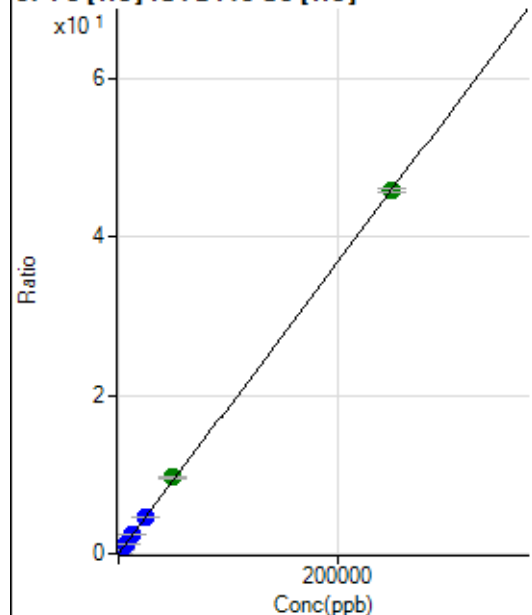
$$DL = 0.2201$$

$$BEC = 1.611$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0004	P	15.0
2	☐	50.000	54.072	1946.47	0.0103	P	1.6
3	☐	2500.000	2575.702	90806.36	0.4734	P	2.4
4	☐	6250.000	6419.785	226104.34	1.1793	P	1.0
5	☐	12500.000	12891.484	451550.84	2.3678	P	0.7
6	☐	25000.000	25470.091	883280.74	4.6778	P	0.9
7	☐	50000.000	52241.002	1816746.83	9.5942	A	2.7
8	☐	250000.00	249480.21	8849988.05	45.8162	A	0.9

$$y = 1.8365\text{E-}004 * x + 3.6031\text{E-}004$$

$$R = 1.0000$$

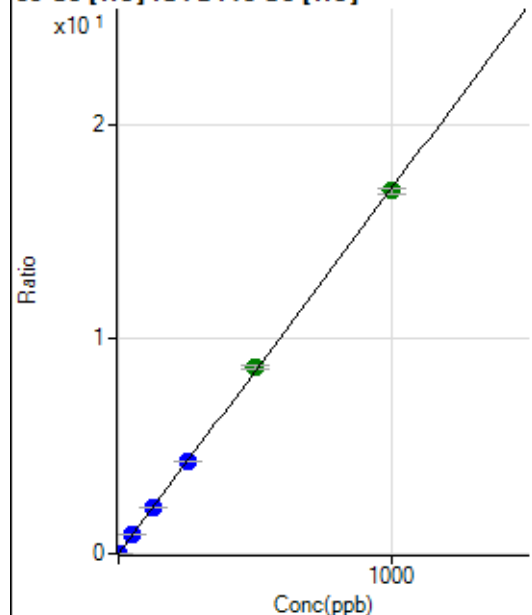
$$DL = 0.8848$$

$$BEC = 1.962$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0005	P	27.6
2	☐	1.000	1.058	3500.47	0.0185	P	2.9
3	☐	50.000	50.335	164390.38	0.8569	P	0.8
4	☐	125.000	125.226	408578.46	2.1311	P	1.5
5	☐	250.000	253.621	823053.08	4.3157	P	0.5
6	☐	500.000	511.142	1642122.37	8.6972	A	2.1
7	☐	1000.000	993.479	3200972.59	16.9038	A	1.4
8	☐			4688.59	0.0243	P	1.8

$$y = 0.0170 * x + 4.9864\text{E-}004$$

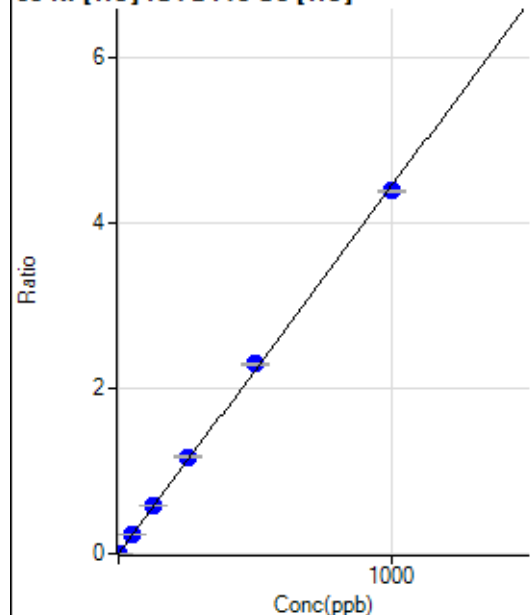
$$R = 0.9999$$

$$DL = 0.02428$$

$$BEC = 0.02931$$

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	33.34	0.0002	P	34.2
2	☐	1.000	1.218	1055.61	0.0056	P	6.5
3	☐	50.000	52.581	44766.85	0.2333	P	0.4
4	☐	125.000	131.555	111861.24	0.5835	P	2.6
5	☐	250.000	263.548	222884.42	1.1689	P	1.8
6	☐	500.000	516.301	432345.29	2.2897	P	0.4
7	☐	1000.000	987.514	829297.43	4.3792	P	0.4
8	☐			2201.31	0.0114	P	1.8

$$y = 0.0044 * x + 1.7990E-004$$

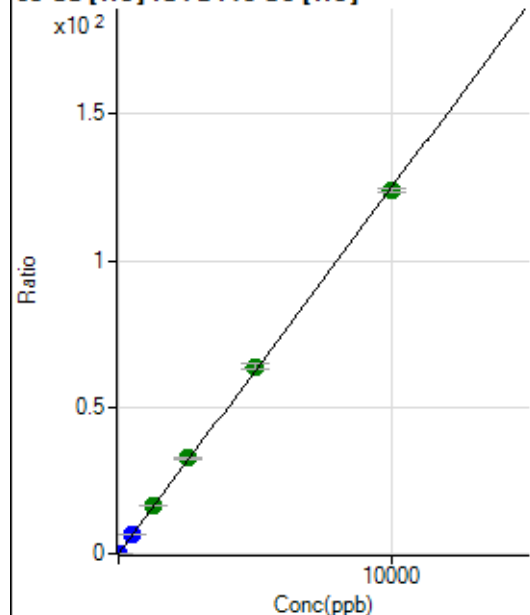
$$R = 0.9997$$

$$DL = 0.04157$$

$$BEC = 0.04057$$

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	353.34	0.0019	P	9.1
2	☐	2.000	2.000	5084.30	0.0269	P	1.9
3	☐	500.000	517.035	1238622.14	6.4565	P	1.1
4	☐	1250.000	1304.197	3121753.08	16.2833	A	1.6
5	☐	2500.000	2605.251	6202928.52	32.5256	A	1.1
6	☐	5000.000	5110.391	12045545.65	63.7994	A	2.7
7	☐	10000.000	9910.866	23429800.48	123.7280	A	1.2
8	☐			10130.37	0.0525	P	2.1

$$y = 0.0125 * x + 0.0019$$

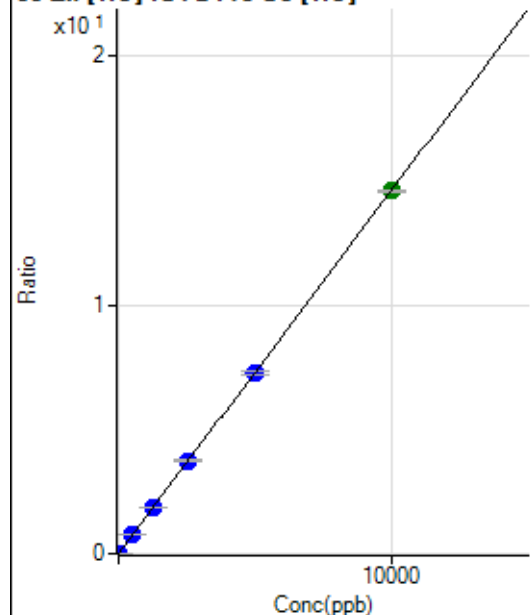
$$R = 0.9998$$

$$DL = 0.04189$$

$$BEC = 0.153$$

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	198.72	0.0011	P	5.0
2	☐	2.000	2.136	793.47	0.0042	P	5.3
3	☐	500.000	518.133	145416.00	0.7580	P	0.8
4	☐	1250.000	1284.189	359881.07	1.8771	P	1.1
5	☐	2500.000	2566.290	715147.37	3.7501	P	0.9
6	☐	5000.000	4982.421	1374522.45	7.2797	P	1.6
7	☐	10000.000	9987.036	2763035.85	14.5908	A	0.6
8	☐			4871.24	0.0252	P	0.6

$$y = 0.0015 * x + 0.0011$$

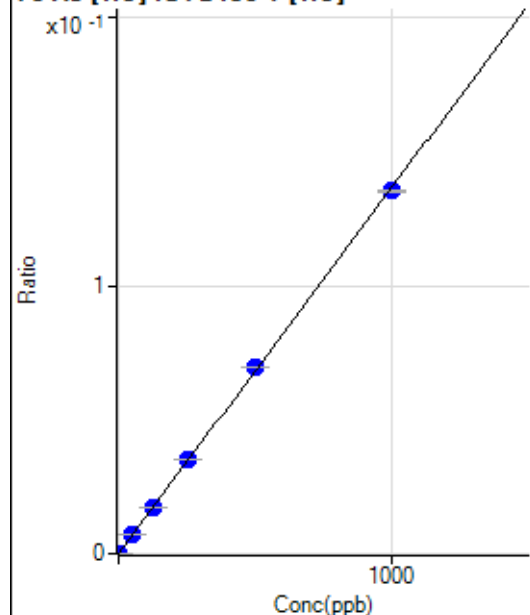
$$R = 1.0000$$

$$DL = 0.1098$$

$$BEC = 0.7348$$

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	6.67	0.0000	P	20.9
2	☐	1.000	1.006	170.35	0.0001	P	6.4
3	☐	50.000	51.306	8589.48	0.0070	P	1.7
4	☐	125.000	128.276	21357.91	0.0175	P	0.6
5	☐	250.000	258.796	42859.22	0.0353	P	0.9
6	☐	500.000	510.798	83783.28	0.0697	P	0.6
7	☐	1000.000	991.927	162552.82	0.1354	P	0.6
8	☐			71.01	0.0001	P	14.3

$$y = 1.3653E-004 * x + 5.6686E-006$$

$$R = 0.9999$$

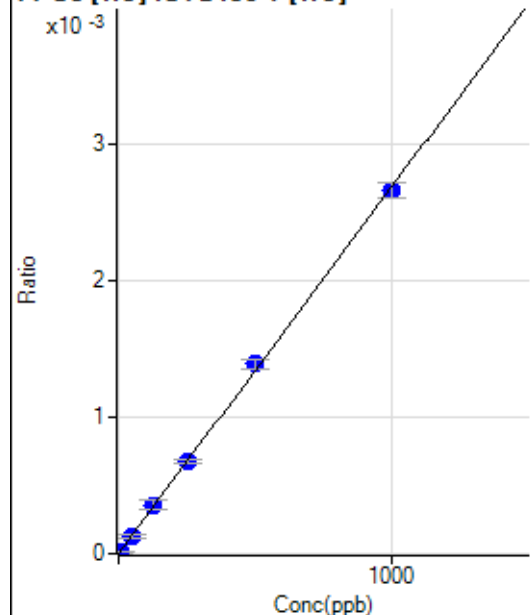
$$DL = 0.02605$$

$$BEC = 0.04152$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.158	14.44	0.0000	P	12.9
3	☐	50.000	46.332	153.34	0.0001	P	16.9
4	☐	125.000	133.227	436.68	0.0004	P	18.1
5	☐	250.000	253.393	824.47	0.0007	P	3.6
6	☐	500.000	516.753	1664.56	0.0014	P	4.4
7	☐	1000.000	989.934	3185.95	0.0027	P	4.1
8	☐			1.11	0.0000	P	173.

$$y = 2.6797\text{E-}006 * x + 9.7349\text{E-}007$$

$$R = 0.9997$$

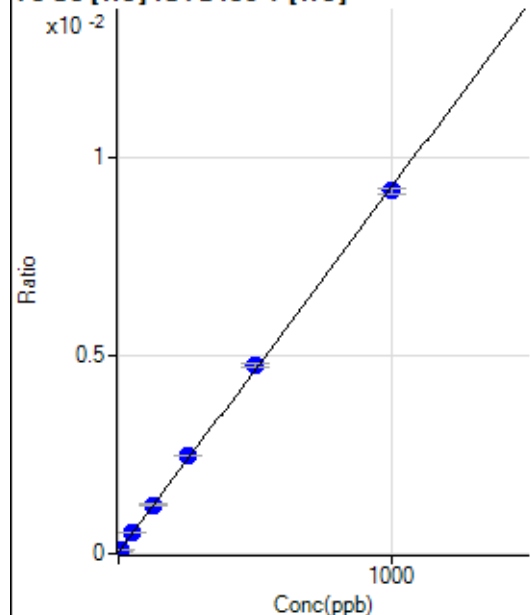
$$DL = 1.888$$

$$BEC = 0.3633$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.67	0.0000	P	30.3
2	☐	5.000	5.351	103.01	0.0001	P	3.0
3	☐	50.000	55.623	674.42	0.0006	P	1.4
4	☐	125.000	129.285	1499.90	0.0012	P	3.5
5	☐	250.000	264.770	3008.30	0.0025	P	1.5
6	☐	500.000	511.794	5717.74	0.0048	P	1.1
7	☐	1000.000	989.592	11004.07	0.0092	P	1.3
8	☐			51.67	0.0000	P	20.3

$$y = 9.2277\text{E-}006 * x + 3.7078\text{E-}005$$

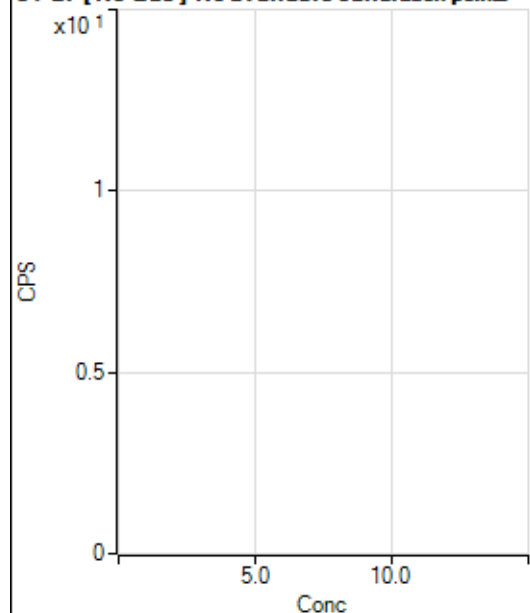
$$R = 0.9998$$

$$DL = 3.649$$

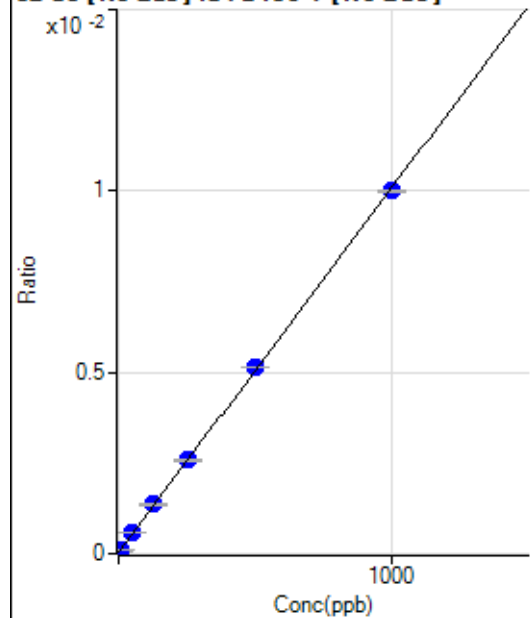
$$BEC = 4.018$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22882.29		P	4.1
2	☐			22825.28		P	1.6
3	☐			22755.36		P	0.2
4	☐			21869.62		P	5.4
5	☐			22624.91		P	0.7
6	☐			22511.48		P	1.3
7	☐			23236.48		P	2.5
8	☐			23771.43		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	411.35	0.0000	P	7.9
2	☐	5.000	6.049	1211.20	0.0001	P	4.1
3	☐	50.000	52.881	7599.05	0.0006	P	0.5
4	☐	125.000	132.205	18346.69	0.0014	P	1.9
5	☐	250.000	254.872	35481.47	0.0026	P	2.3
6	☐	500.000	510.339	68712.91	0.0052	P	0.3
7	☐	1000.000	992.562	131932.92	0.0100	P	0.5
8	☐			610.25	0.0000	P	3.7

$$y = 1.0051E-005 * x + 3.1245E-005$$

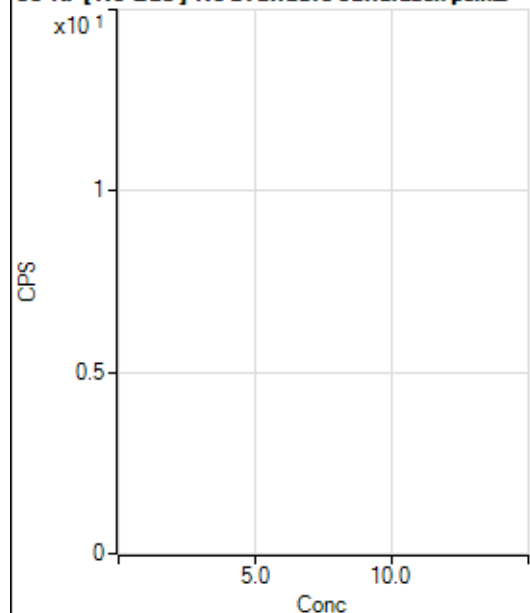
$$R = 0.9999$$

$$DL = 0.7336$$

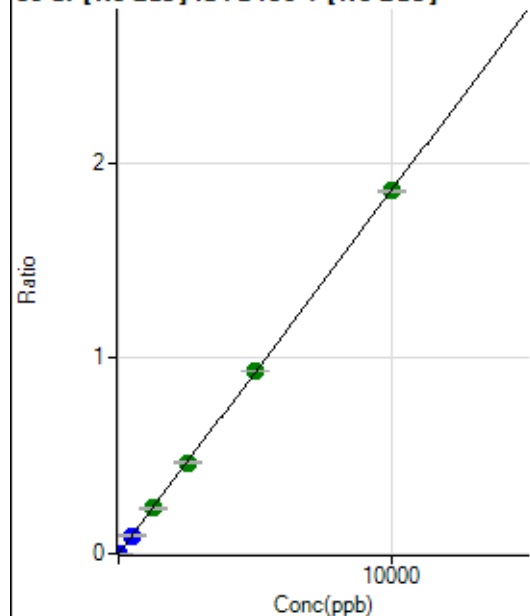
$$BEC = 3.109$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1111.17		P	1.2
2	☐			986.71		P	1.5
3	☐			1056.72		P	3.8
4	☐			1014.49		P	4.9
5	☐			1116.72		P	5.4
6	☐			1071.17		P	2.8
7	☐			1133.39		P	5.9
8	☐			1097.83		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1911.29	0.0001	P	6.6
2	☐	1.000	1.014	4398.03	0.0003	P	5.2
3	☐	500.000	501.619	1261643.06	0.0934	P	1.2
4	☐	1250.000	1259.673	3162054.93	0.2344	A	2.8
5	☐	2500.000	2495.895	6353943.29	0.4643	A	1.5
6	☐	5000.000	5020.395	12432957.40	0.9338	A	0.4
7	☐	10000.000	9989.539	24493928.50	1.8579	A	0.8
8	☐			12436.42	0.0009	P	3.4

$$y = 1.8597E-004 * x + 1.4519E-004$$

$$R = 1.0000$$

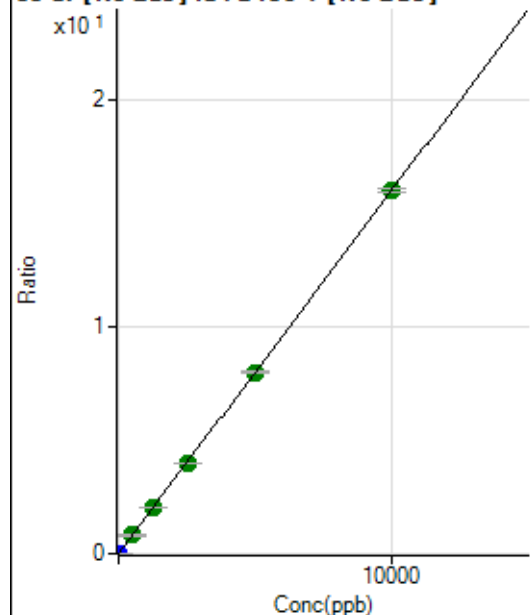
$$DL = 0.1548$$

$$BEC = 0.7807$$

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	225.01	0.0000	P	21.2
2	☐	1.000	1.026	21845.33	0.0017	P	3.9
3	☐	500.000	504.009	10895885.66	0.8069	A	0.4
4	☐	1250.000	1252.328	27045975.26	2.0050	A	0.6
5	☐	2500.000	2501.623	54806655.39	4.0050	A	0.9
6	☐	5000.000	5006.632	106717260.7	8.0155	A	1.0
7	☐	10000.000	9995.787	210960781.1	16.0030	A	1.2
8	☐			90789.80	0.0068	P	2.9

$$y = 0.0016 * x + 1.7172E-005$$

$$R = 1.0000$$

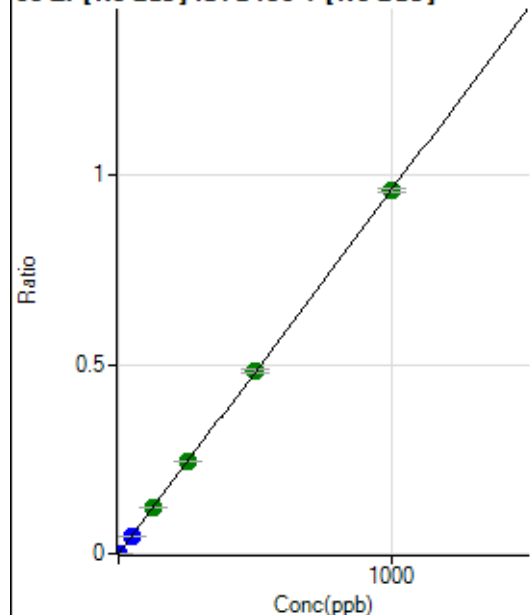
$$DL = 0.006826$$

$$BEC = 0.01073$$

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	725.04	0.0001	P	11.8
2	☐	1.000	1.015	13543.02	0.0010	P	6.5
3	☐	50.000	49.802	646539.05	0.0479	P	1.2
4	☐	125.000	128.613	1666864.99	0.1236	A	0.9
5	☐	250.000	252.326	3316782.23	0.2424	A	0.4
6	☐	500.000	502.115	6420233.61	0.4823	A	2.3
7	☐	1000.000	997.919	12634331.62	0.9584	A	1.0
8	☐			4567.56	0.0003	P	7.9

$$y = 9.6034E-004 * x + 5.5245E-005$$

$$R = 1.0000$$

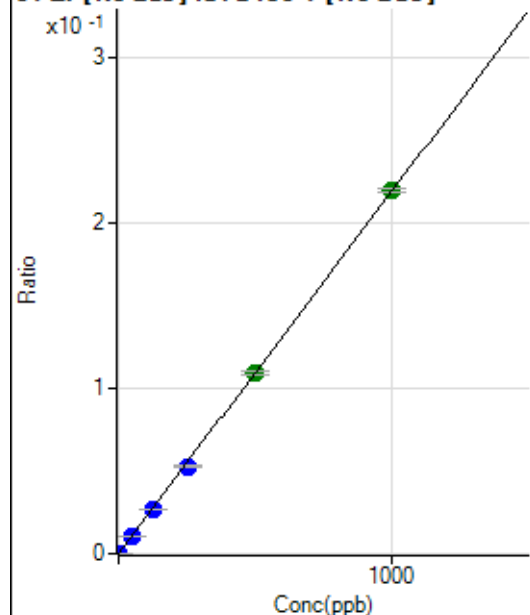
$$DL = 0.02039$$

$$BEC = 0.05753$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	22.9
2	☐	1.000	0.961	2900.38	0.0002	P	6.0
3	☐	50.000	48.575	143851.33	0.0107	P	2.6
4	☐	125.000	123.214	364341.89	0.0270	P	1.2
5	☐	250.000	241.724	724931.66	0.0530	P	1.7
6	☐	500.000	499.678	1457798.74	0.1095	A	2.5
7	☐	1000.000	1002.525	2896111.22	0.2197	A	1.0
8	☐			983.40	0.0001	P	4.8

$$y = 2.1912\text{E-}004 * x + 9.9715\text{E-}006$$

$$R = 1.0000$$

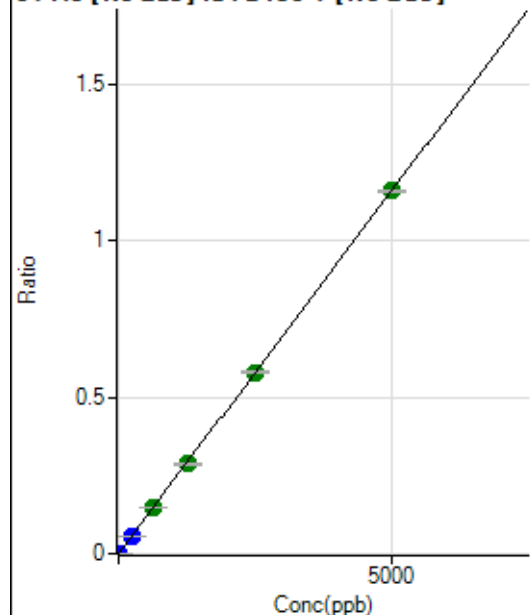
$$DL = 0.03131$$

$$BEC = 0.04551$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.46	0.0000	P	11.4
2	☐	5.000	5.091	15834.36	0.0012	P	4.3
3	☐	250.000	248.935	779993.67	0.0578	P	1.8
4	☐	625.000	644.706	2017634.81	0.1496	A	0.3
5	☐	1250.000	1235.364	3921556.82	0.2866	A	1.2
6	☐	2500.000	2499.010	7717831.85	0.5797	A	1.3
7	☐	5000.000	5001.744	15295285.93	1.1602	A	0.7
8	☐			6415.53	0.0005	P	8.3

$$y = 2.3196\text{E-}004 * x + 2.2446\text{E-}005$$

$$R = 1.0000$$

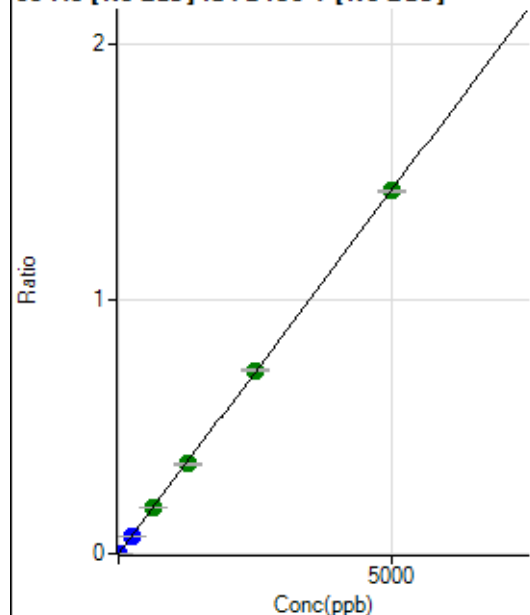
$$DL = 0.03315$$

$$BEC = 0.09677$$

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	32.6
2	☐	5.000	5.199	19575.39	0.0015	P	1.4
3	☐	250.000	244.880	944548.07	0.0700	P	0.8
4	☐	625.000	643.512	2479631.44	0.1838	A	1.0
5	☐	1250.000	1234.026	4823568.55	0.3525	A	1.3
6	☐	2500.000	2520.762	9586802.99	0.7201	A	0.6
7	☐	5000.000	4991.554	18797079.93	1.4258	A	0.2
8	☐			7841.36	0.0006	P	2.7

$$y = 2.8565E-004 * x + 1.9017E-006$$

$$R = 1.0000$$

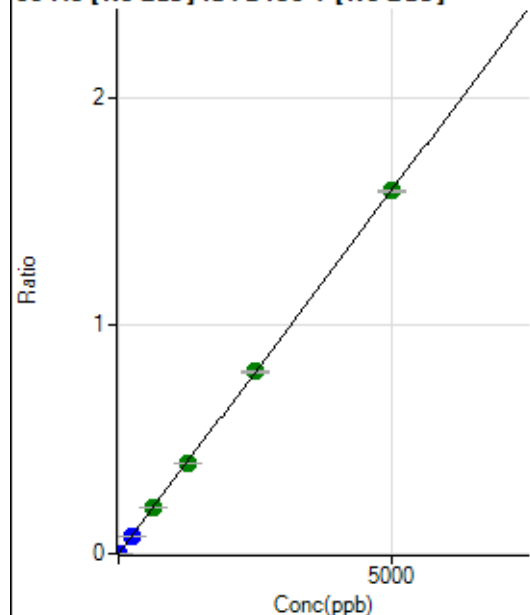
$$DL = 0.006503$$

$$BEC = 0.006658$$

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	125.00	0.0000	P	46.9
2	☐	5.000	5.089	21447.64	0.0016	P	5.9
3	☐	250.000	245.215	1054730.76	0.0781	P	0.2
4	☐	625.000	641.275	2755305.92	0.2043	A	1.3
5	☐	1250.000	1243.249	5418691.66	0.3960	A	1.0
6	☐	2500.000	2509.049	10639443.21	0.7991	A	1.4
7	☐	5000.000	4995.368	20974618.70	1.5910	A	0.4
8	☐			16646.52	0.0013	P	4.3

$$y = 3.1850E-004 * x + 9.4991E-006$$

$$R = 1.0000$$

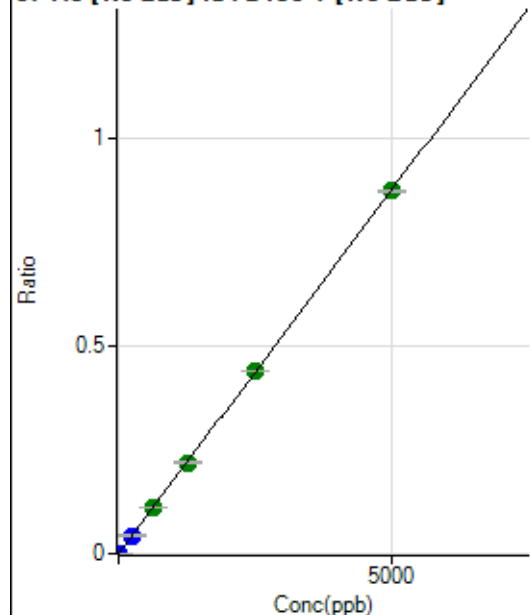
$$DL = 0.04196$$

$$BEC = 0.02982$$

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	13.89	0.0000	P	32.1
2	☐	5.000	5.209	12019.46	0.0009	P	3.4
3	☐	250.000	250.100	591455.21	0.0438	P	1.9
4	☐	625.000	641.343	1515237.27	0.1123	A	0.4
5	☐	1250.000	1248.746	2992759.68	0.2187	A	1.5
6	☐	2500.000	2516.851	5869136.24	0.4408	A	0.2
7	☐	5000.000	4989.840	11521149.13	0.8739	A	0.3
8	☐			4698.16	0.0004	P	7.3

$$y = 1.7514\text{E-}004 * x + 1.0488\text{E-}006$$

$$R = 1.0000$$

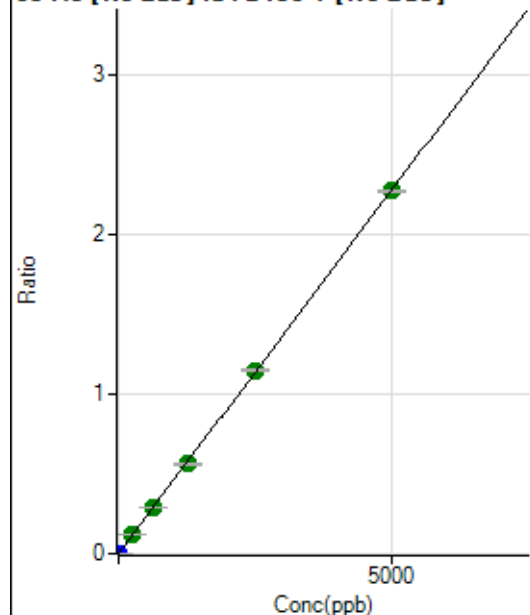
$$DL = 0.005775$$

$$BEC = 0.005988$$

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	61.11	0.0000	P	60.4
2	☐	5.000	5.006	30030.37	0.0023	P	2.5
3	☐	250.000	255.005	1566204.06	0.1160	A	1.0
4	☐	625.000	633.313	3885734.94	0.2881	A	1.3
5	☐	1250.000	1233.258	7676160.33	0.5609	A	0.7
6	☐	2500.000	2519.512	15257671.52	1.1460	A	0.8
7	☐	5000.000	4993.140	29939630.53	2.2711	A	0.3
8	☐			11785.88	0.0009	P	7.5

$$y = 4.5483\text{E-}004 * x + 4.7126\text{E-}006$$

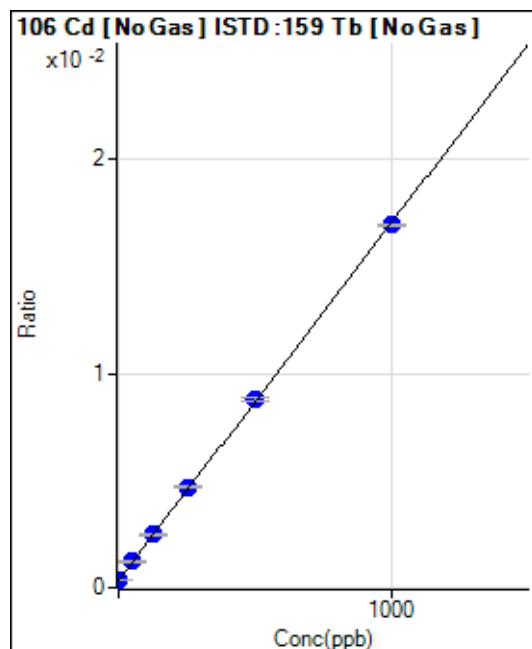
$$R = 1.0000$$

$$DL = 0.01878$$

$$BEC = 0.01036$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3717.28	0.0003	P	4.4
2	☐	1.000	1.577	3986.80	0.0004	P	4.7
3	☐	50.000	52.264	13532.01	0.0012	P	3.2
4	☐	125.000	127.765	27564.20	0.0025	P	2.9
5	☐	250.000	259.490	52302.82	0.0047	P	1.7
6	☐	500.000	506.321	97564.98	0.0088	P	1.4
7	☐	1000.000	994.008	185122.34	0.0170	P	0.8
8	☐			3967.36	0.0004	P	6.9

$$y = 1.6707\text{E-}005 * x + 3.4530\text{E-}004$$

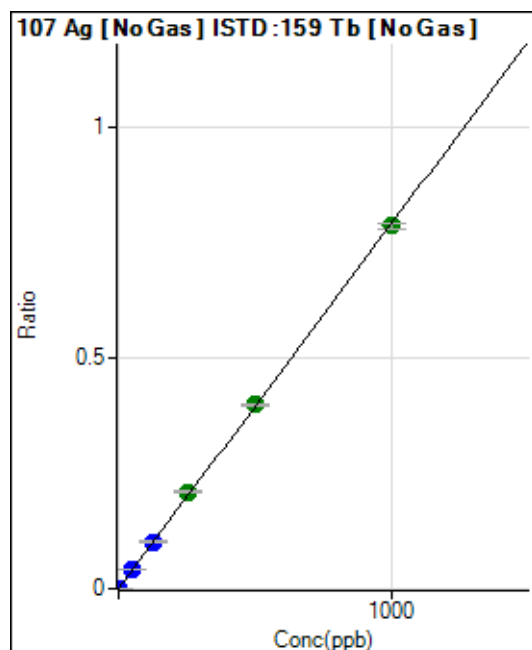
$$R = 0.9999$$

$$DL = 2.697$$

$$BEC = 20.67$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	46.2
2	☐	1.000	1.022	8747.47	0.0008	P	2.1
3	☐	50.000	51.597	454375.83	0.0409	P	1.2
4	☐	125.000	128.417	1131726.95	0.1018	P	2.9
5	☐	250.000	264.847	2346343.76	0.2100	A	2.6
6	☐	500.000	504.514	4432577.75	0.4000	A	1.3
7	☐	1000.000	993.524	8601884.66	0.7877	A	1.2
8	☐			3881.22	0.0004	P	10.8

$$y = 7.9285\text{E-}004 * x + 4.6776\text{E-}006$$

$$R = 0.9999$$

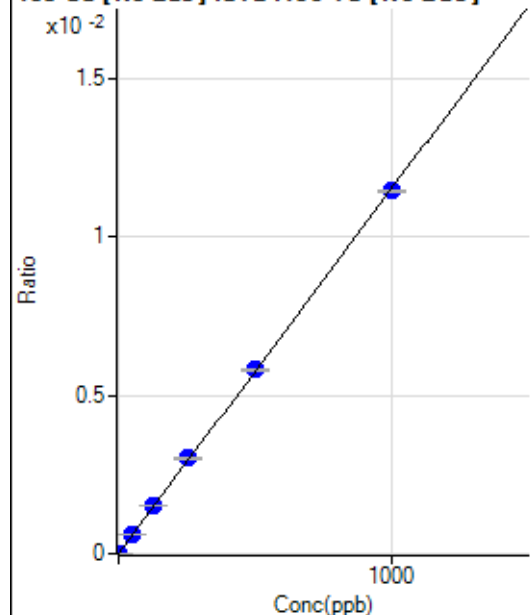
$$DL = 0.008183$$

$$BEC = 0.0059$$

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	34.72	0.0000	P	52.0
2	☐	1.000	1.050	163.89	0.0000	P	16.4
3	☐	50.000	53.145	6829.55	0.0006	P	3.3
4	☐	125.000	132.800	17030.07	0.0015	P	1.9
5	☐	250.000	260.772	33582.60	0.0030	P	0.7
6	☐	500.000	503.920	64314.40	0.0058	P	0.9
7	☐	1000.000	994.215	125006.04	0.0114	P	0.4
8	☐			184.73	0.0000	P	5.8

$$y = 1.1511\text{E-}005 * x + 3.1887\text{E-}006$$

$$R = 0.9999$$

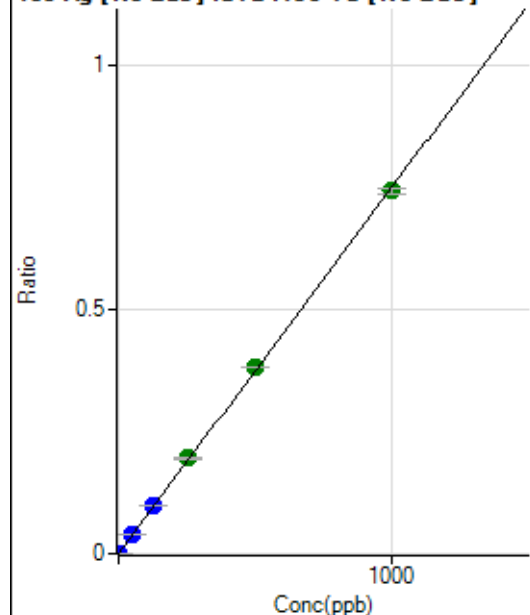
$$DL = 0.4325$$

$$BEC = 0.277$$

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	27.78	0.0000	P	44.4
2	☐	1.000	1.026	8283.27	0.0008	P	2.1
3	☐	50.000	51.851	431702.29	0.0389	P	0.6
4	☐	125.000	130.689	1088999.48	0.0980	P	2.6
5	☐	250.000	260.280	2180516.15	0.1951	A	0.3
6	☐	500.000	510.043	4236660.60	0.3823	A	0.7
7	☐	1000.000	991.605	8116221.88	0.7433	A	1.7
8	☐			3508.89	0.0003	P	7.2

$$y = 7.4961\text{E-}004 * x + 2.5745\text{E-}006$$

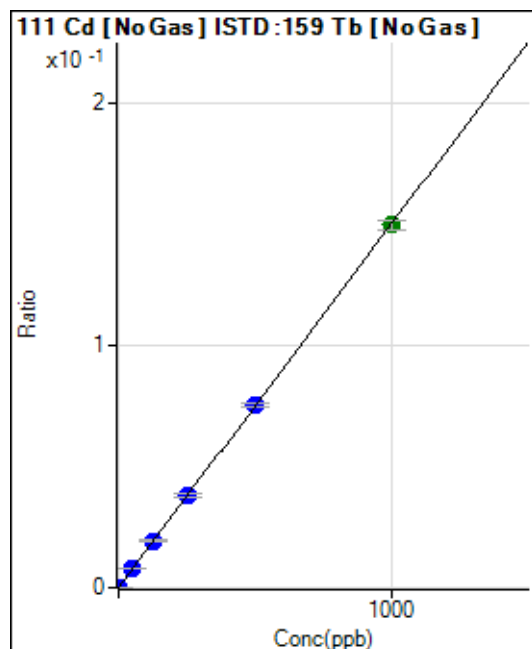
$$R = 0.9999$$

$$DL = 0.004575$$

$$BEC = 0.003434$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	751.09	0.0001	P	8.1
2	☐	1.000	1.012	2379.98	0.0002	P	6.2
3	☐	50.000	51.295	86327.07	0.0078	P	2.2
4	☐	125.000	128.681	215547.21	0.0194	P	4.0
5	☐	250.000	253.632	426385.62	0.0382	P	2.3
6	☐	500.000	502.490	837026.79	0.0755	P	2.0
7	☐	1000.000	997.322	1636076.16	0.1498	A	2.5
8	☐			1253.07	0.0001	P	12.8

$$y = 1.5018\text{E-}004 * x + 6.9831\text{E-}005$$

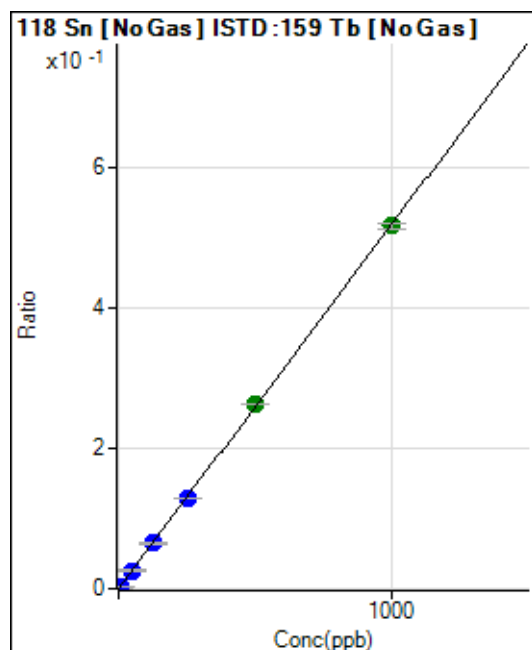
$$R = 1.0000$$

$$DL = 0.1124$$

$$BEC = 0.465$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	997.29	0.0001	P	9.5
2	☐	5.000	5.022	28922.73	0.0027	P	2.5
3	☐	50.000	49.849	287955.99	0.0259	P	1.9
4	☐	125.000	124.040	715660.19	0.0644	P	2.7
5	☐	250.000	248.275	1439082.70	0.1288	P	1.1
6	☐	500.000	507.942	2918467.36	0.2634	A	0.5
7	☐	1000.000	996.588	5640992.23	0.5166	A	1.6
8	☐			3378.30	0.0003	P	0.5

$$y = 5.1831\text{E-}004 * x + 9.2664\text{E-}005$$

$$R = 1.0000$$

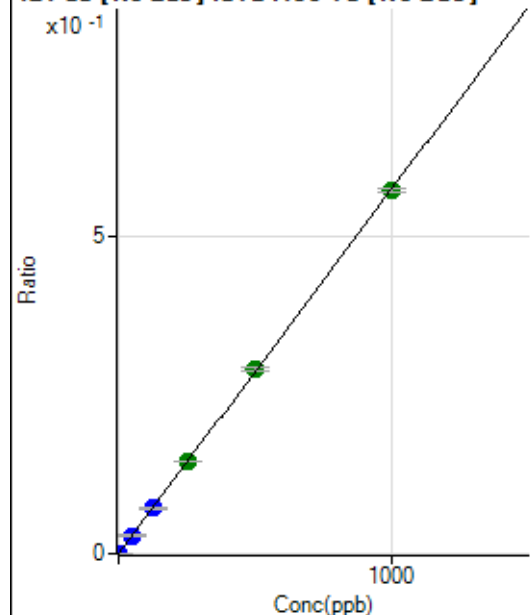
$$DL = 0.05091$$

$$BEC = 0.1788$$

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	55.56	0.0000	P	47.5
2	☐	2.000	2.029	12589.43	0.0012	P	3.8
3	☐	50.000	49.709	317840.42	0.0286	P	2.0
4	☐	125.000	124.195	794804.77	0.0715	P	2.5
5	☐	250.000	253.594	1631592.90	0.1460	A	1.1
6	☐	500.000	506.867	3233334.01	0.2918	A	1.4
7	☐	1000.000	995.783	6259333.26	0.5733	A	1.1
8	☐			4825.97	0.0004	P	2.9

$$y = 5.7567\text{E-}004 * x + 5.2162\text{E-}006$$

$$R = 1.0000$$

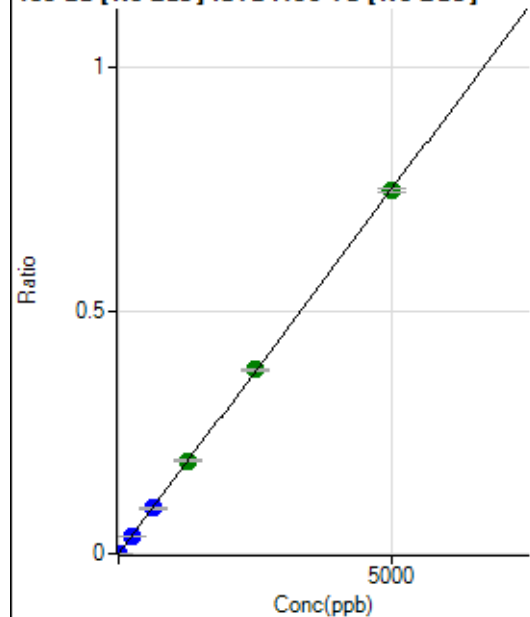
$$DL = 0.01291$$

$$BEC = 0.009061$$

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	25.00	0.0000	P	30.7
2	☐	10.000	10.357	16691.29	0.0016	P	4.1
3	☐	250.000	245.839	409513.98	0.0369	P	1.2
4	☐	625.000	622.618	1037982.17	0.0934	P	3.0
5	☐	1250.000	1277.637	2141425.33	0.1916	A	1.5
6	☐	2500.000	2528.906	4203271.58	0.3793	A	0.9
7	☐	5000.000	4979.143	8154490.89	0.7468	A	1.2
8	☐			3558.90	0.0003	P	1.4

$$y = 1.4999\text{E-}004 * x + 2.3052\text{E-}006$$

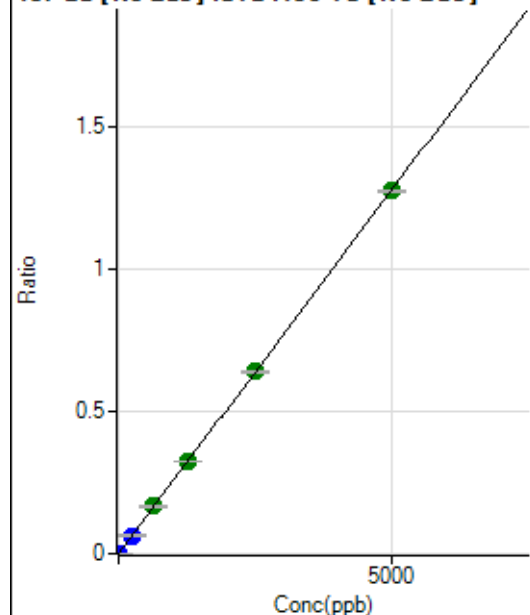
$$R = 1.0000$$

$$DL = 0.01415$$

$$BEC = 0.01537$$

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	27.78	0.0000	P	94.4
2	☐	10.000	10.372	28477.73	0.0027	P	1.6
3	☐	250.000	250.814	712065.12	0.0641	P	1.9
4	☐	625.000	648.750	1843677.86	0.1658	A	2.3
5	☐	1250.000	1268.923	3625213.75	0.3244	A	0.5
6	☐	2500.000	2500.793	7084944.43	0.6393	A	1.2
7	☐	5000.000	4991.863	13934536.77	1.2761	A	0.8
8	☐			6332.18	0.0006	P	8.0

$$y = 2.5564E-004 * x + 2.5576E-006$$

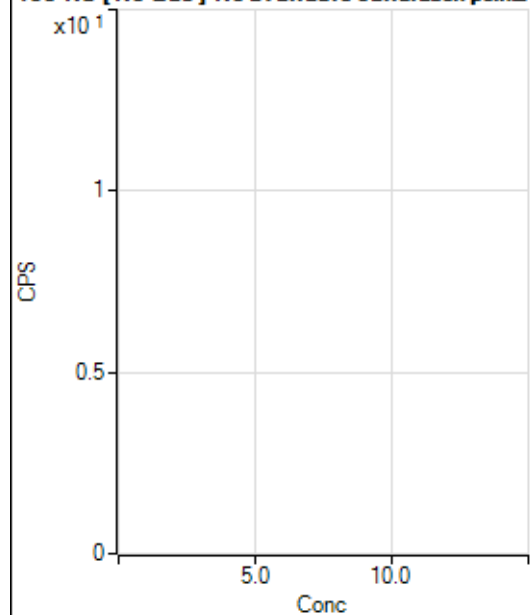
$$R = 1.0000$$

$$DL = 0.02833$$

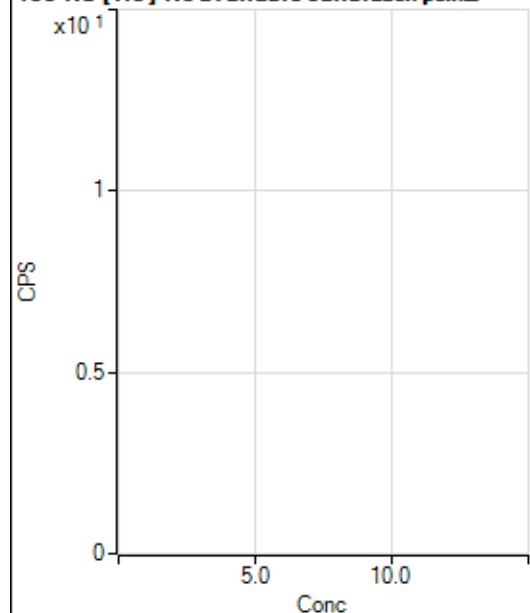
$$BEC = 0.01$$

Weight: <None>

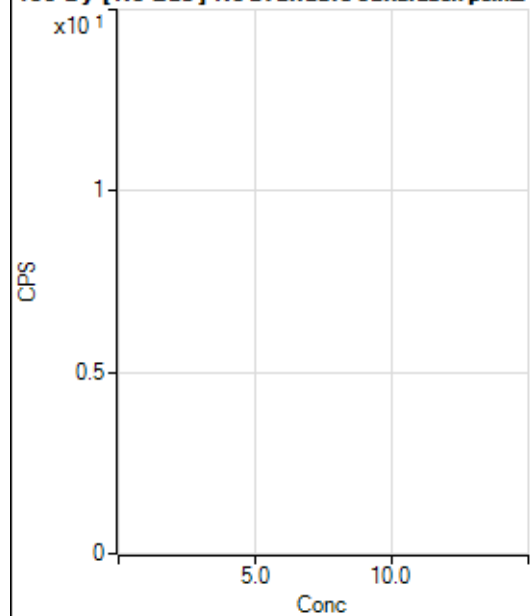
Min Conc: 0

150 Nd [No Gas] No available calibration points

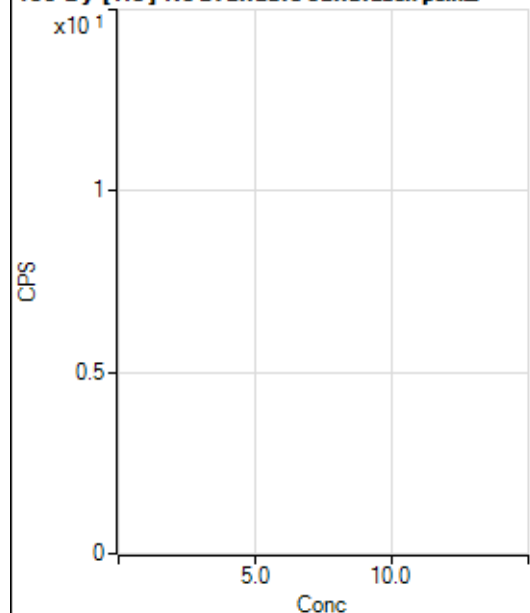
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			11.11		P	91.7
3	☐			28.89		P	93.3
4	☐			68.89		P	34.0
5	☐			180.00		P	24.3
6	☐			242.23		P	5.7
7	☐			484.47		P	19.5
8	☐			53.33		P	43.3

150 Nd [He] No available calibration points

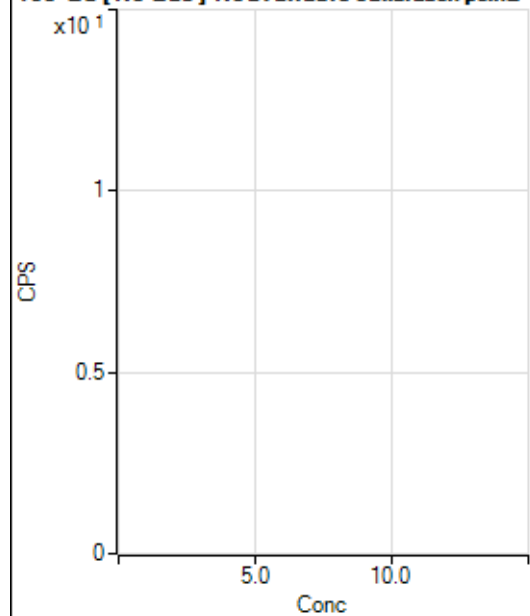
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			7.78		P	89.2
5	☐			3.33		P	100.
6	☐			15.56		P	65.5
7	☐			22.22		P	45.8
8	☐			14.44		P	35.3

156 Dy [No Gas] No available calibration points

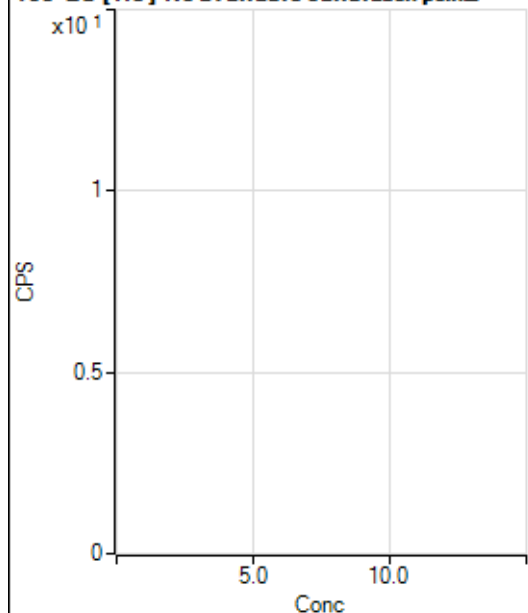
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	89.2
2	☐			13.89		P	34.7
3	☐			25.00		P	33.3
4	☐			69.45		P	30.2
5	☐			141.67		P	17.6
6	☐			188.89		P	19.9
7	☐			391.68		P	4.3
8	☐			1736.28		P	4.9

156 Dy [He] No available calibration points

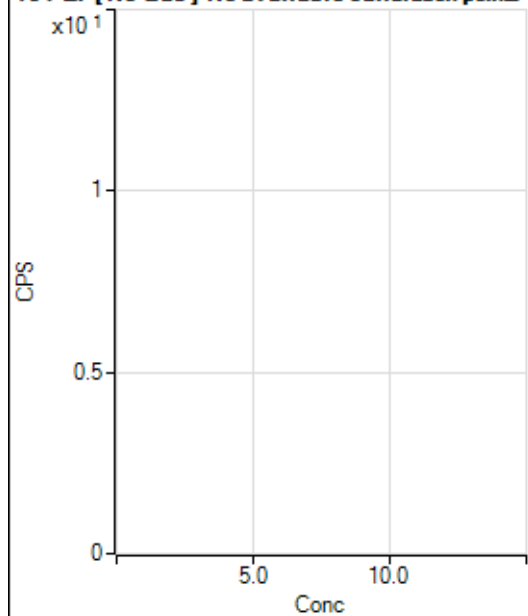
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			2.22		P	86.6
3	☐			7.78		P	65.5
4	☐			36.67		P	39.6
5	☐			37.78		P	27.0
6	☐			78.89		P	23.3
7	☐			161.11		P	6.3
8	☐			651.13		P	9.8

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

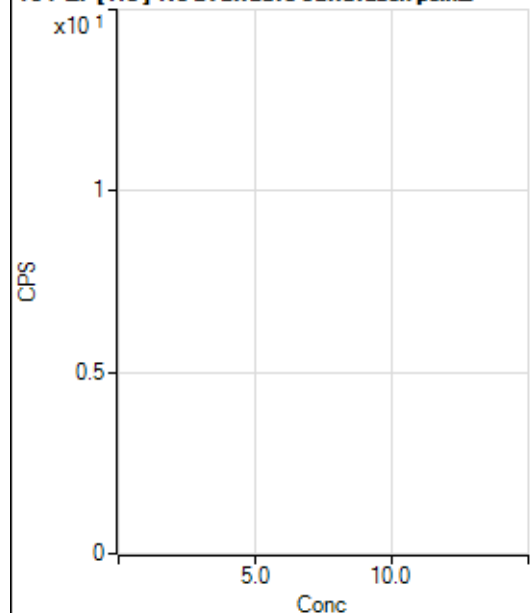
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			94.45		P	28.4
2	☐			75.00		P	48.4
3	☐			116.67		P	18.9
4	☐			127.78		P	32.2
5	☐			161.12		P	7.9
6	☐			297.24		P	15.4
7	☐			436.13		P	11.7
8	☐			1894.62		P	6.4

160 Gd [He] No available calibration points

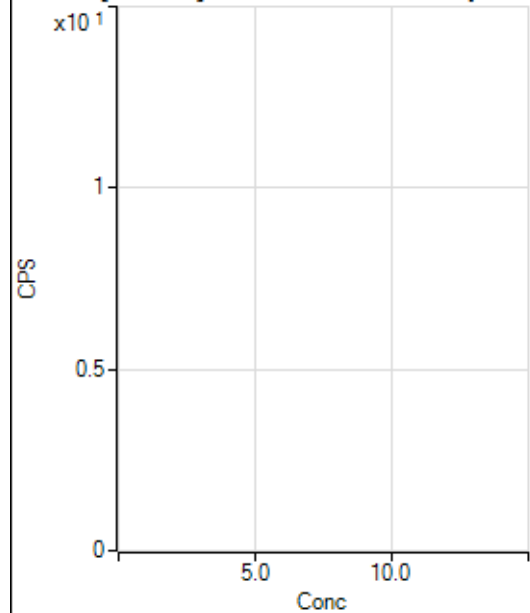
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	32.9
2	☐			26.67		P	21.7
3	☐			27.78		P	25.0
4	☐			46.67		P	0.0
5	☐			70.00		P	17.2
6	☐			110.00		P	10.9
7	☐			164.45		P	13.2
8	☐			824.48		P	12.0

164 Er [No Gas] No available calibration points

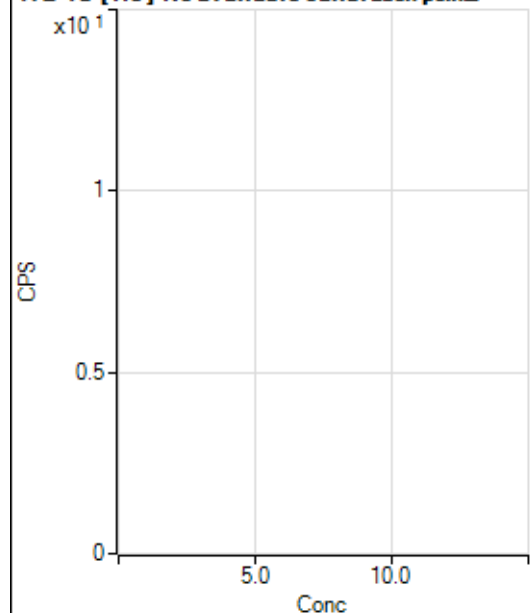
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	31.5
2	☐			55.56		P	45.8
3	☐			58.33		P	62.3
4	☐			77.78		P	27.0
5	☐			83.34		P	52.9
6	☐			100.00		P	16.7
7	☐			116.67		P	7.1
8	☐			333.35		P	6.6

164 Er [He] No available calibration points

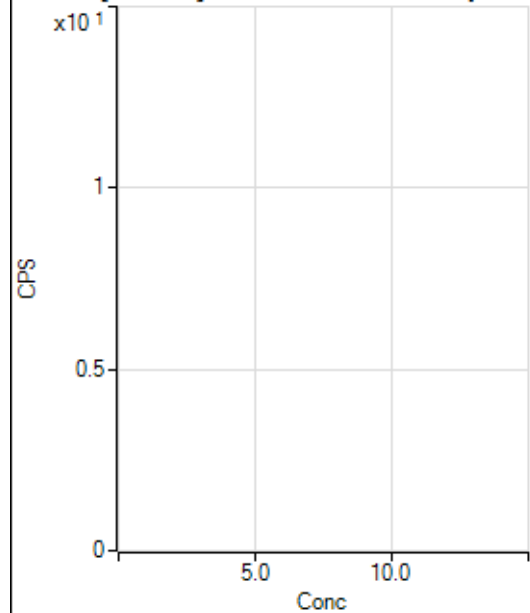
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	32.7
2	☐			21.11		P	32.9
3	☐			16.67		P	52.9
4	☐			14.44		P	13.4
5	☐			23.33		P	37.8
6	☐			32.22		P	39.2
7	☐			48.89		P	31.5
8	☐			110.00		P	5.2

172 Yb [No Gas] No available calibration points

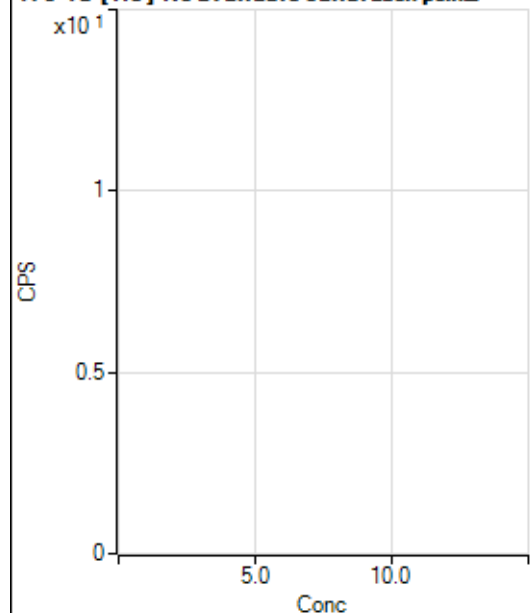
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐			13.89		P	34.7
3	☐			25.00		P	66.7
4	☐			22.22		P	21.6
5	☐			16.67		P	50.0
6	☐			16.67		P	50.0
7	☐			27.78		P	34.6
8	☐			58.33		P	62.3

172 Yb [He] No available calibration points

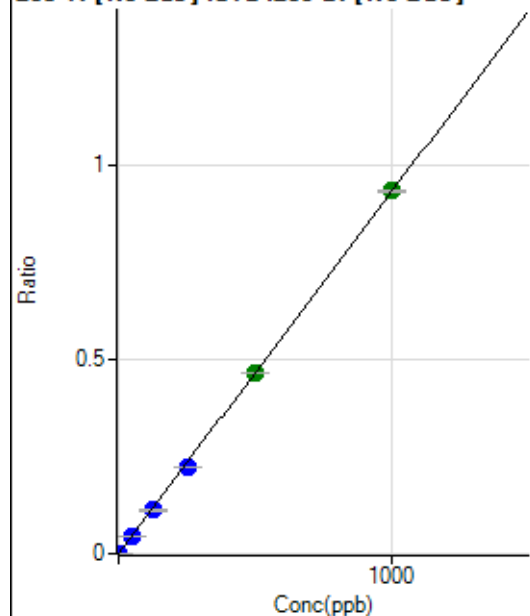
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	50.0
2	☐			11.11		P	50.0
3	☐			5.56		P	173.
4	☐			3.70		P	173.
5	☐			16.67		P	66.6
6	☐			5.56		P	173.
7	☐			5.56		P	173.
8	☐			22.22		P	25.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1469.57		P	5.4
2	☐			1458.45		P	8.0
3	☐			1539.03		P	9.0
4	☐			1447.34		P	7.4
5	☐			1500.14		P	6.8
6	☐			1558.48		P	9.5
7	☐			1589.04		P	12.3
8	☐			1419.56		P	12.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1048.21		P	3.8
2	☐			898.19		P	11.0
3	☐			855.60		P	6.8
4	☐			770.41		P	2.2
5	☐			707.44		P	3.3
6	☐			772.26		P	9.5
7	☐			738.93		P	7.3
8	☐			711.14		P	6.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1047.30	0.0002	P	5.1
2	☐	1.000	0.930	6182.22	0.0010	P	1.0
3	☐	50.000	47.557	270231.99	0.0443	P	1.0
4	☐	125.000	120.373	684329.51	0.1120	P	1.5
5	☐	250.000	240.643	1364046.98	0.2236	P	0.9
6	☐	500.000	499.591	2811019.73	0.4641	A	0.7
7	☐	1000.000	1003.244	5401764.18	0.9318	A	0.9
8	☐			2383.63	0.0004	P	13.8

$$y = 9.2862E-004 * x + 1.7632E-004$$

$$R = 0.9999$$

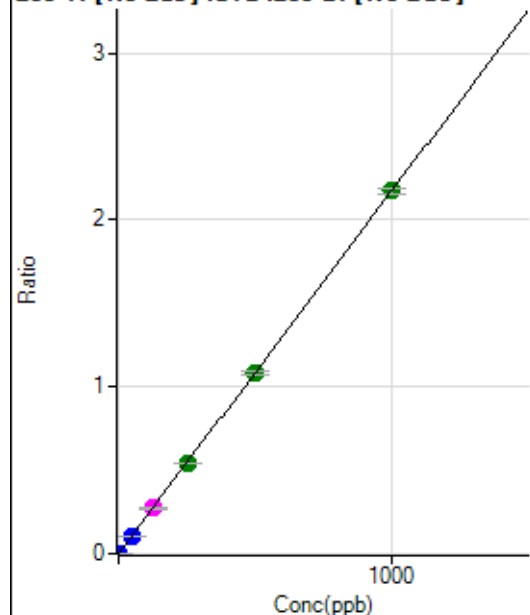
$$DL = 0.02903$$

$$BEC = 0.1899$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2244.71	0.0004	P	3.4
2	☐	1.000	1.017	15367.90	0.0026	P	1.4
3	☐	50.000	48.726	647291.33	0.1062	P	2.1
4	☐	125.000	125.697	1670551.45	0.2734	M	4.5
5	☐	250.000	248.566	3295197.34	0.5402	A	0.9
6	☐	500.000	498.455	6559286.65	1.0830	A	1.4
7	☐	1000.000	1001.107	12606066.34	2.1746	A	1.7
8	☐			5693.06	0.0010	P	5.3

$$y = 0.0022 * x + 3.7833E-004$$

$$R = 1.0000$$

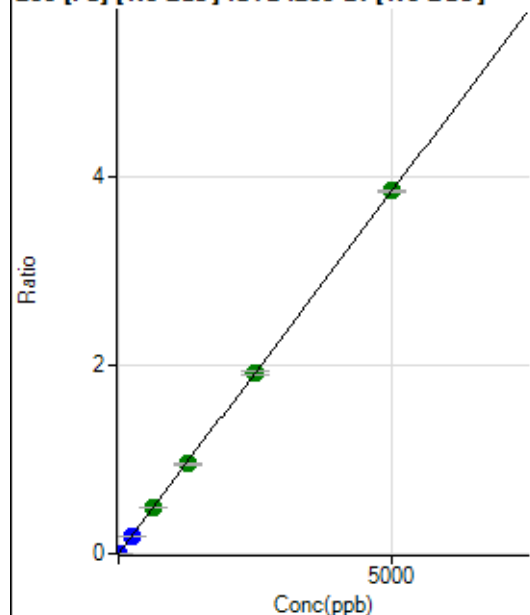
$$DL = 0.01801$$

$$BEC = 0.1742$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	492.61	0.0001	P	15.5
2	☐	1.000	0.996	5032.55	0.0008	P	1.9
3	☐	250.000	235.488	1100786.60	0.1806	P	1.4
4	☐	625.000	631.676	2960271.82	0.4843	A	1.9
5	☐	1250.000	1239.019	5794525.53	0.9500	A	1.4
6	☐	2500.000	2485.390	11540313.10	1.9055	A	2.3
7	☐	5000.000	5009.941	22266101.19	3.8409	A	0.4
8	☐			22161.80	0.0041	P	3.2

$$y = 7.6663E-004 * x + 8.2962E-005$$

$$R = 1.0000$$

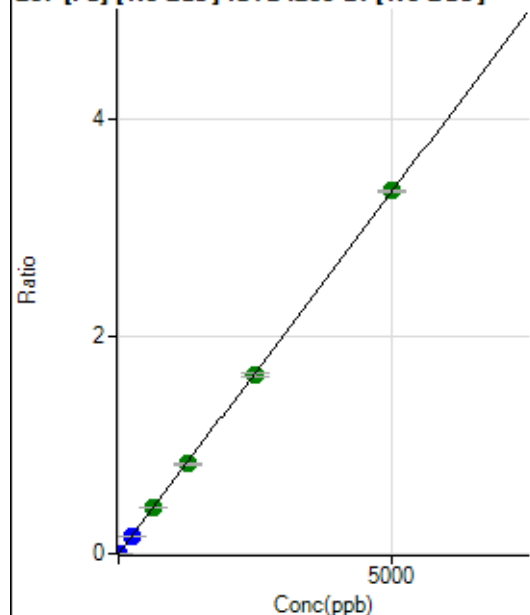
$$DL = 0.05045$$

$$BEC = 0.1082$$

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	405.57	0.0001	P	10.3
2	☐	1.000	0.947	4145.19	0.0007	P	3.0
3	☐	250.000	237.240	960838.35	0.1576	P	0.7
4	☐	625.000	636.476	2584371.38	0.4228	A	1.9
5	☐	1250.000	1236.769	5011072.97	0.8216	A	1.1
6	☐	2500.000	2471.156	9941699.99	1.6415	A	1.3
7	☐	5000.000	5016.933	19318758.53	3.3324	A	0.8
8	☐			20253.10	0.0037	P	2.4

$$y = 6.6423\text{E-}004 * x + 6.8204\text{E-}005$$

$$R = 1.0000$$

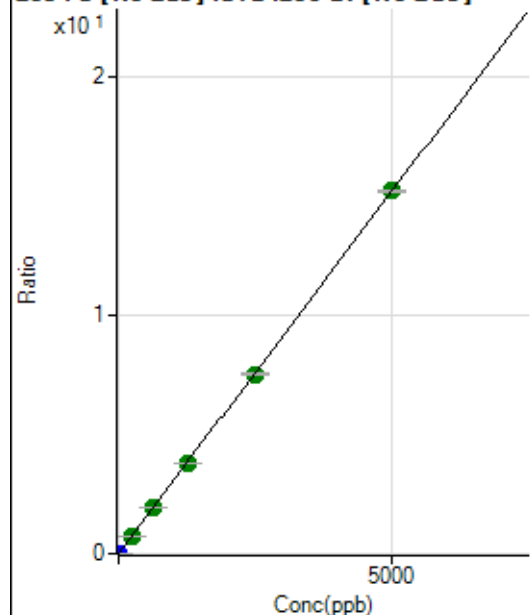
$$DL = 0.03176$$

$$BEC = 0.1027$$

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	2014.92	0.0003	P	4.1
2	☐	1.000	0.954	19242.92	0.0032	P	1.2
3	☐	250.000	244.986	4539265.51	0.7448	A	0.3
4	☐	625.000	630.600	11714266.61	1.9165	A	1.3
5	☐	1250.000	1240.953	23002209.19	3.7711	A	0.9
6	☐	2500.000	2479.325	45630534.70	7.5340	A	1.3
7	☐	5000.000	5012.150	88290782.53	15.2303	A	0.8
8	☐			90171.64	0.0165	P	2.5

$$y = 0.0030 * x + 3.3935\text{E-}004$$

$$R = 1.0000$$

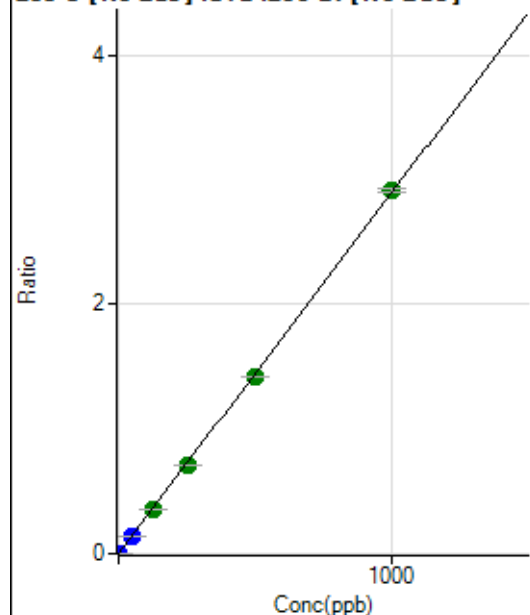
$$DL = 0.01367$$

$$BEC = 0.1117$$

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	27.78	0.0000	P	15.3
2	☐	1.000	0.958	16505.51	0.0028	P	1.8
3	☐	50.000	47.167	831966.77	0.1365	P	0.5
4	☐	125.000	124.076	2195073.73	0.3591	A	0.8
5	☐	250.000	245.962	4341471.15	0.7118	A	1.0
6	☐	500.000	490.741	8602601.58	1.4202	A	0.7
7	☐	1000.000	1005.896	16875222.60	2.9110	A	0.9
8	☐			4011.85	0.0007	P	6.6

$$y = 0.0029 * x + 4.6733E-006$$

$$R = 0.9999$$

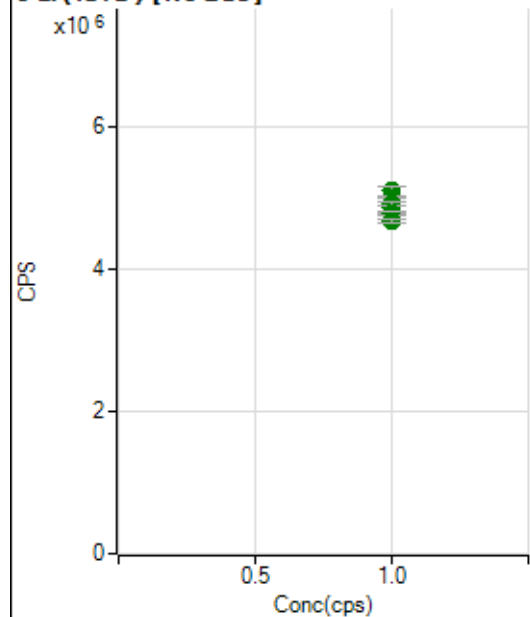
$$DL = 0.0007407$$

$$BEC = 0.001615$$

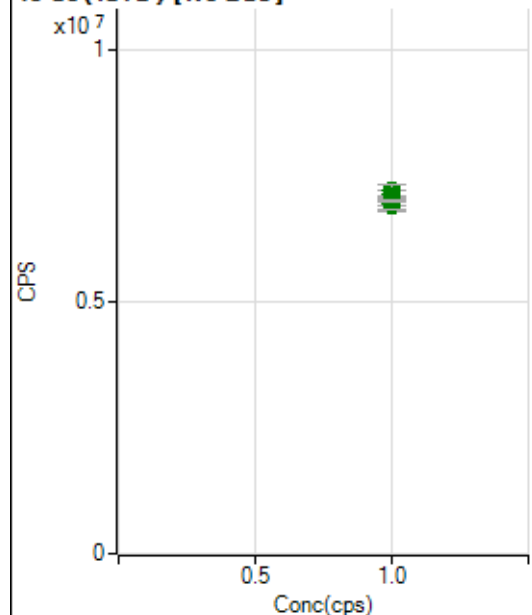
Weight: <None>

Min Conc: 0

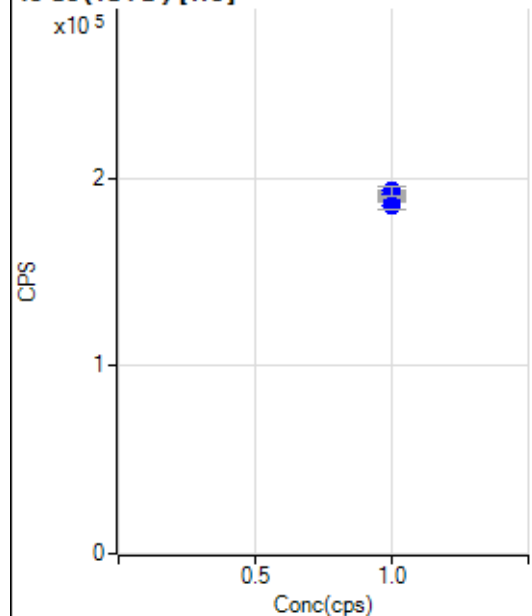
6 Li (ISTD) [No Gas]



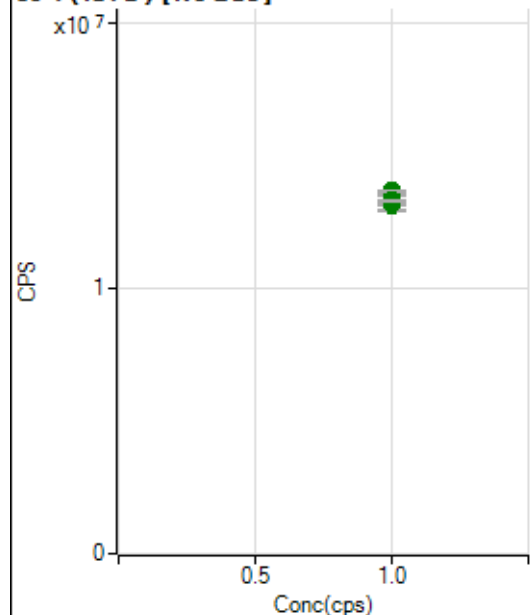
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4868027.36		A	3.4
2	☐	1.000		4959581.05		A	2.1
3	☐	1.000		5010732.44		A	0.5
4	☐	1.000		5108997.74		A	2.3
5	☐	1.000		5018981.12		A	0.8
6	☐	1.000		4930647.79		A	0.8
7	☐	1.000		4788391.25		A	0.9
8	☐	1.000		4684847.00		A	0.7

45 Sc (ISTD) [No Gas]

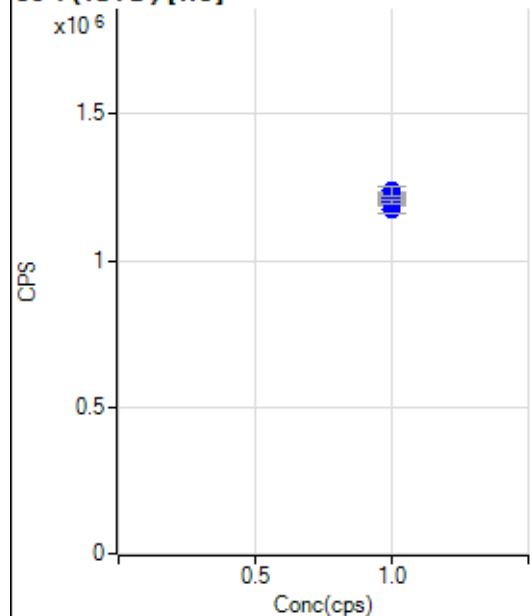
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6884194.07		A	3.2
2	☐	1.000		6957764.07		A	2.0
3	☐	1.000		7131186.35		A	1.8
4	☐	1.000		7188148.43		A	3.0
5	☐	1.000		7034328.02		A	2.0
6	☐	1.000		7075075.38		A	0.6
7	☐	1.000		6925315.80		A	3.1
8	☐	1.000		6996345.45		A	0.8

45 Sc (ISTD) [He]

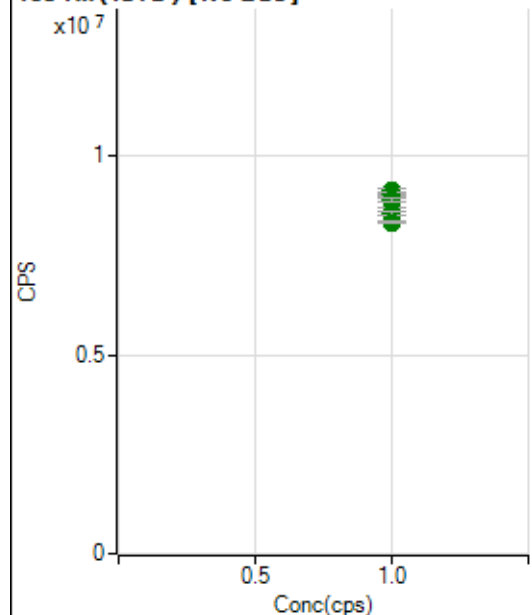
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		185166.72		P	2.2
2	☐	1.000		189162.64		P	0.5
3	☐	1.000		191849.67		P	0.8
4	☐	1.000		191742.14		P	1.5
5	☐	1.000		190715.83		P	1.4
6	☐	1.000		188827.71		P	0.7
7	☐	1.000		189370.08		P	0.3
8	☐	1.000		193180.36		P	2.6

89 Y (ISTD) [No Gas]

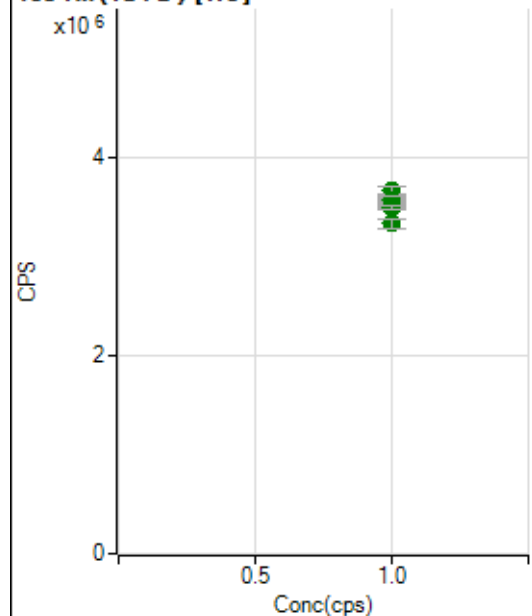
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13147366.33		A	3.4
2	☐	1.000		13166729.94		A	2.3
3	☐	1.000		13503263.41		A	0.5
4	☐	1.000		13489595.91		A	0.1
5	☐	1.000		13684789.10		A	0.7
6	☐	1.000		13314451.47		A	0.8
7	☐	1.000		13183313.97		A	0.7
8	☐	1.000		13303618.41		A	0.2

89 Y (ISTD) [He]

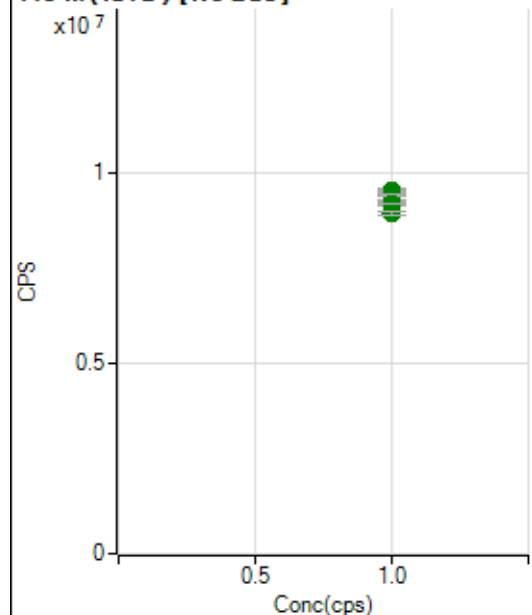
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1172361.50		P	2.4
2	☐	1.000		1191601.61		P	0.4
3	☐	1.000		1225355.93		P	0.9
4	☐	1.000		1219172.15		P	1.2
5	☐	1.000		1212892.08		P	1.4
6	☐	1.000		1201293.91		P	0.4
7	☐	1.000		1200277.19		P	0.9
8	☐	1.000		1237395.54		P	2.5

103 Rh (ISTD) [No Gas]

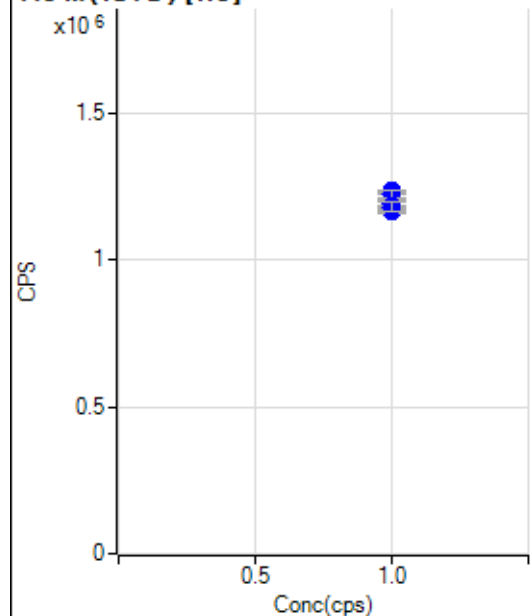
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8874870.17		A	4.0
2	☐	1.000		9033379.11		A	0.6
3	☐	1.000		9086529.11		A	0.8
4	☐	1.000		9134202.20		A	1.1
5	☐	1.000		9066766.09		A	0.8
6	☐	1.000		8909478.24		A	0.8
7	☐	1.000		8553157.05		A	1.0
8	☐	1.000		8350666.51		A	0.6

103 Rh (ISTD) [He]

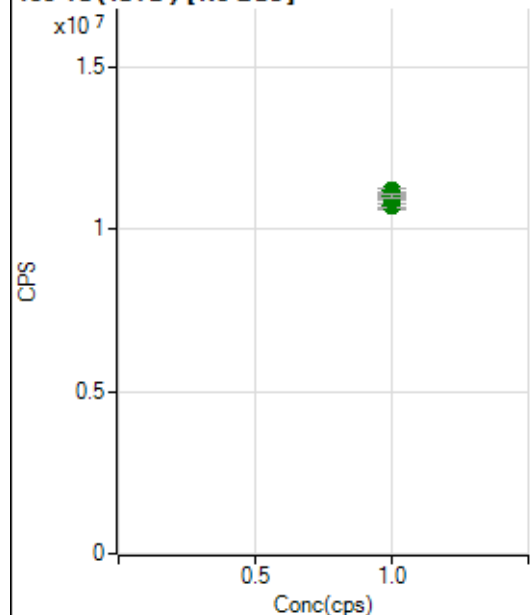
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3528938.87		A	2.5
2	☐	1.000		3583617.62		A	0.4
3	☐	1.000		3661067.58		A	2.0
4	☐	1.000		3570963.14		A	1.1
5	☐	1.000		3567235.02		A	2.0
6	☐	1.000		3516412.73		A	1.0
7	☐	1.000		3491080.30		A	1.1
8	☐	1.000		3335182.87		A	2.8

115 In (ISTD) [No Gas]

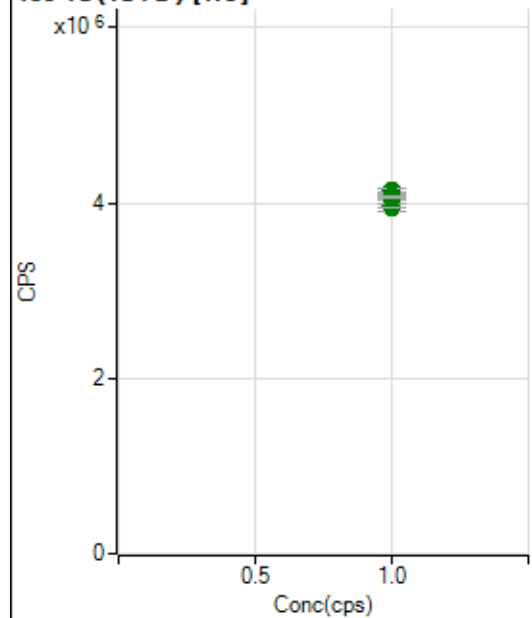
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9324376.28		A	3.8
2	☐	1.000		9283192.37		A	0.8
3	☐	1.000		9536933.46		A	1.3
4	☐	1.000		9499358.36		A	0.8
5	☐	1.000		9520846.44		A	0.5
6	☐	1.000		9446607.12		A	0.6
7	☐	1.000		9195968.22		A	0.4
8	☐	1.000		8943860.49		A	1.0

115 In (ISTD) [He]

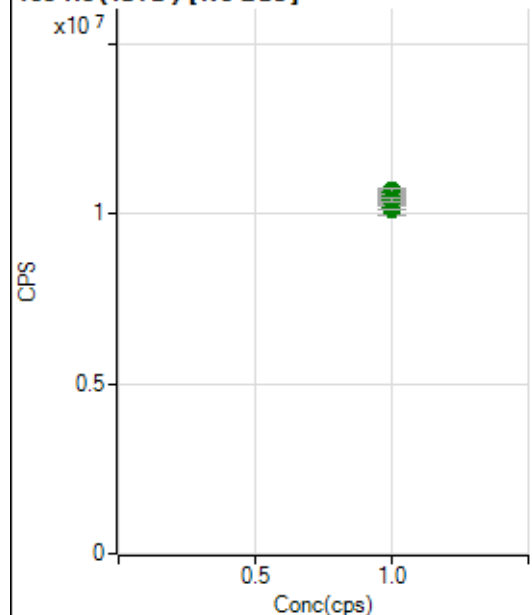
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1191028.35		P	1.7
2	☐	1.000		1203784.89		P	0.5
3	☐	1.000		1233738.66		P	0.4
4	☐	1.000		1224574.36		P	0.7
5	☐	1.000		1221298.12		P	1.9
6	☐	1.000		1182031.42		P	0.5
7	☐	1.000		1164697.50		P	0.9
8	☐	1.000		1179964.22		P	2.4

159 Tb (ISTD) [No Gas]

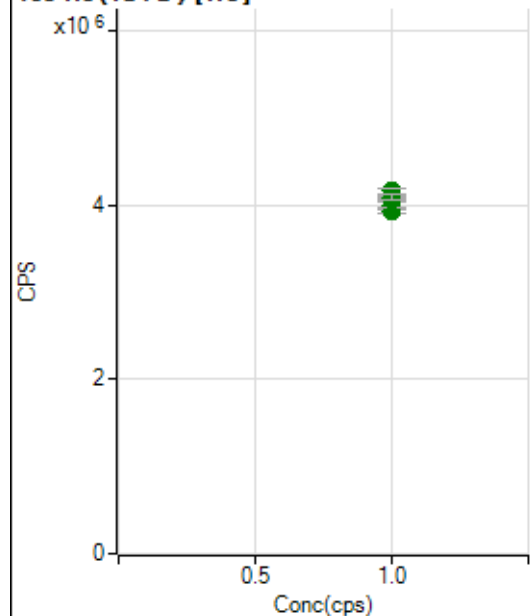
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10776789.91		A	3.7
2	☐	1.000		10730509.77		A	1.0
3	☐	1.000		11106238.86		A	0.8
4	☐	1.000		11120762.75		A	2.7
5	☐	1.000		11176127.19		A	1.6
6	☐	1.000		11081511.92		A	1.0
7	☐	1.000		10919655.53		A	0.8
8	☐	1.000		11004195.25		A	0.9

159 Tb (ISTD) [He]

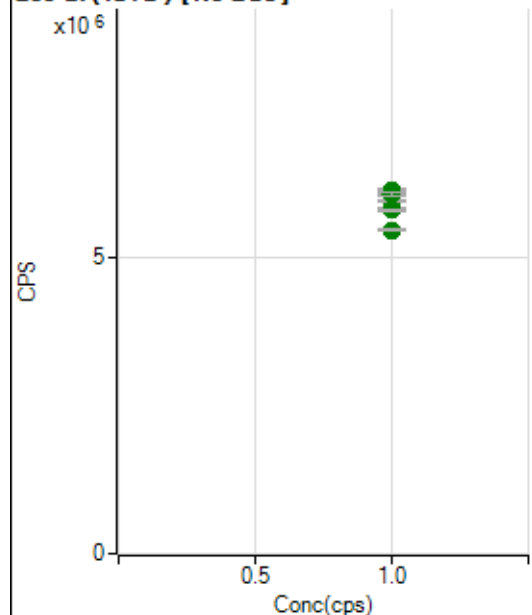
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3943167.72		A	2.0
2	☐	1.000		3970126.92		A	0.8
3	☐	1.000		4073596.33		A	1.0
4	☐	1.000		4056631.19		A	1.2
5	☐	1.000		4137727.79		A	0.9
6	☐	1.000		4071400.39		A	1.1
7	☐	1.000		4083918.97		A	1.3
8	☐	1.000		4071716.67		A	0.5

165 Ho (ISTD) [No Gas]

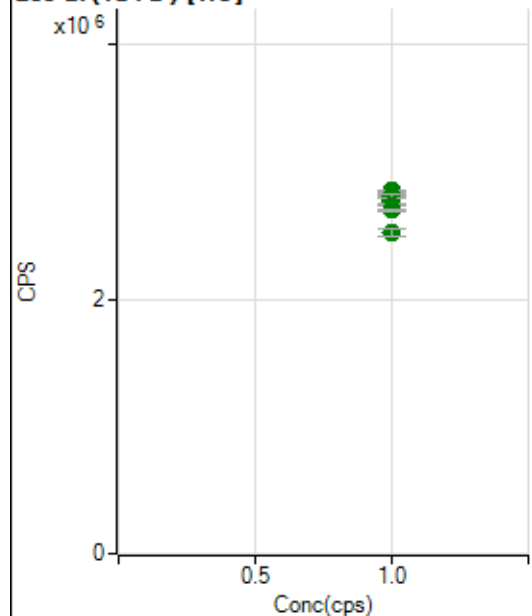
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10149137.55		A	3.4
2	☐	1.000		10157608.73		A	1.1
3	☐	1.000		10571409.61		A	0.7
4	☐	1.000		10540003.27		A	2.6
5	☐	1.000		10673274.20		A	0.8
6	☐	1.000		10652877.15		A	1.6
7	☐	1.000		10382735.48		A	0.5
8	☐	1.000		10406707.96		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3915020.53		A	1.2
2	☐	1.000		3952868.80		A	0.8
3	☐	1.000		4050799.14		A	0.7
4	☐	1.000		4065939.73		A	1.4
5	☐	1.000		4159892.44		A	1.5
6	☐	1.000		3997182.20		A	1.6
7	☐	1.000		4057405.81		A	0.6
8	☐	1.000		4086640.22		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5933769.77		A	3.1
2	☐	1.000		5942369.42		A	0.6
3	☐	1.000		6094973.87		A	0.7
4	☐	1.000		6113026.44		A	1.4
5	☐	1.000		6099455.95		A	0.7
6	☐	1.000		6057102.82		A	1.1
7	☐	1.000		5797250.82		A	0.6
8	☐	1.000		5456281.93		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2757144.86		A	3.4
2	☐	1.000		2774259.54		A	1.7
3	☐	1.000		2829858.81		A	0.3
4	☐	1.000		2849596.45		A	0.9
5	☐	1.000		2809470.65		A	0.8
6	☐	1.000		2735917.04		A	0.4
7	☐	1.000		2698849.30		A	0.6
8	☐	1.000		2522977.95		A	1.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8062821 MS.b
Acq. Date-Time 2021-06-28 12:28:08
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		12850	128498.04			0.250	5.000
24		109516	1095156.94			0.916	5.000
25		14799	147992.32			0.673	5.000
26		17210	172104.36			0.329	5.000
59		20174	201738.22			0.440	5.000
113		9363	93632.31			0.532	5.000
115		29130	291297.27			0.679	5.000
206		11198	111984.82			0.953	5.000
207		9253	92532.54			0.947	5.000
208		22928	229284.97			1.312	5.000
220		0	3.40			52.408	

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

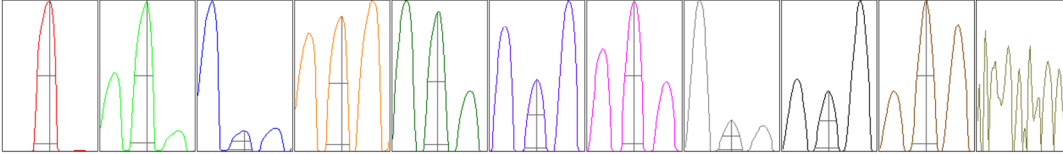
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12843	12854	12805	12852	12895
24	109027	108109	109579	110184	110680
25	14833	14679	14733	14813	14938
26	17291	17216	17205	17131	17210
59	20033	20267	20184	20226	20159
113	9322	9355	9430	9397	9312
115	29268	29237	29311	28881	28952
206	11076	11289	11288	11250	11090
207	9145	9302	9364	9266	9189
208	22494	23078	23254	23056	22760

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	22948.93	9.00	8.90 - 9.10	
24	199452.20	24.00	23.90 - 24.10	
25	26351.45	25.00	24.90 - 25.10	
26	30154.14	26.00	25.90 - 26.10	
59	38585.27	58.95	58.90 - 59.10	
113	18766.75	113.00	112.90 - 113.10	
115	57959.40	115.00	114.90 - 115.10	
206	21858.91	206.00	205.90 - 206.10	
207	18122.42	207.00	206.90 - 207.10	
208	45442.54	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.736	0.900	
24	0.59	0.773	0.900	
25	0.60	0.755	0.900	
26	0.60	0.740	0.900	
59	0.54	0.769	0.900	
113	0.52	0.691	0.900	
115	0.52	0.688	0.900	
206	0.54	0.778	0.900	
207	0.54	0.745	0.900	
208	0.53	0.797	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 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	9.4 V	Deflect	15.6 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 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	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.05		

Hardware Settings

Torch

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

EM

Discriminator	4.0 mV	Analog HV	2207 V	Pulse HV	1535 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3891	38909.77			0.680	
89		17448	174476.56			0.781	
205		25138	251383.58			1.202	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3926	3857	3879	3907	3887
89	17625	17293	17369	17551	17400
205	25421	24675	25169	25384	25042

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 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	9.4 V	Deflect	4.6 V
-----------	--------	------------	-------	---------	-------

US EPA Tune Check Report

Extract 2	-160.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 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	123	Axis Gain	0.9995	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	1.0 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2207 V	Pulse HV	1535 V

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:06:08 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.05	0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	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	0.31	-0.18	-0.14	0.00	N/A	ppb
Boron	11-1	0.01	-0.07	0.06	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	1.04	-0.50	-0.54	0.00	N/A	ppb
Cadmium	108-1	-0.14	-0.01	0.15	0.00	N/A	ppb
Calcium	43-1	0.66	-0.29	-0.36	0.00	N/A	ppb
Calcium	44-1	1.85	-1.12	-0.73	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	1.24	0.01	-1.26	0.00	N/A	ppb
Iron	56-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Iron	57-2	0.21	0.12	-0.34	0.00	N/A	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:06:08	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.07	0.00	0.07	0.00	N/A	ppb
Manganese	55-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-5.96	11.25	-13.46	-2.72		ppb
Potassium	39-2	2.55	-3.27	0.72	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.19	-0.08	0.27	0.00	N/A	ppb
Selenium	77-2	0.73	-0.36	-0.36	0.00	N/A	ppb
Selenium	78-2	-1.36	0.99	0.37	0.00	N/A	ppb
Silicon	28-1	85.94	-44.76	-41.19	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.49	-0.61	-0.88	0.00	N/A	ppb
Strontium	86-1	-0.05	-0.01	0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	440.85	-61.51	-225.36	51.32	676.38	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	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:06:08	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.00	0.03	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	0.02	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:12:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.90	21.97	22.61	22.16	1.77	ppb
Antimony	121-1	1.98	1.99	2.12	2.03	3.81	ppb
Arsenic	75-2	1.00	0.94	1.07	1.01	6.63	ppb
Barium	135-1	9.95	10.32	10.80	10.36	4.08	ppb
Barium	137-1	10.19	10.43	10.50	10.37	1.58	ppb
Beryllium	9-1	1.05	1.08	1.11	1.08	2.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	23.87	25.37	27.86	25.70	7.83	ppb
Boron	11-1	25.69	27.04	29.73	27.49	7.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.97	1.12	1.01	9.10	ppb
Cadmium	106-1	1.23	0.76	2.74	1.58	65.64	ppb
Cadmium	108-1	0.80	1.12	1.22	1.05	20.74	ppb
Calcium	43-1	503.47	510.72	493.97	502.72	1.67	ppb
Calcium	44-1	487.55	509.73	491.08	496.12	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	2.15	2.07	2.09	2.57	ppb
Cobalt	59-2	1.02	1.08	1.07	1.06	3.01	ppb
Copper	63-2	2.04	1.96	2.00	2.00	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	54.00	55.85	54.80	54.88	1.69	ppb
Iron	56-2	54.37	55.38	55.49	55.08	1.12	ppb
Iron	57-2	53.58	53.55	55.09	54.07	1.63	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:12:18	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.01	0.97	1.01	1.00	2.13	ppb
Lead	207-1	0.93	0.93	0.98	0.95	3.36	ppb
Lead	208-1	0.96	0.96	0.94	0.95	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	525.73	537.34	543.34	535.47	1.67	ppb
Manganese	55-2	0.98	0.97	0.98	0.98	0.52	ppb
Molybdenum	94-1	4.86	5.11	5.30	5.09	4.37	ppb
Molybdenum	95-1	5.13	5.19	5.28	5.20	1.37	ppb
Molybdenum	96-1	4.75	5.33	5.19	5.09	5.92	ppb
Molybdenum	97-1	5.01	5.27	5.35	5.21	3.43	ppb
Molybdenum	98-1	4.87	5.12	5.03	5.01	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.13	1.24	1.22	6.72	ppb
Phosphorus	31-2	1.46	14.24	-7.53	2.72	401.70	ppb
Potassium	39-2	499.87	510.34	517.38	509.19	1.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	5.63	6.36	6.16	6.05	6.21	ppb
Selenium	77-2	4.83	3.83	3.82	4.16	14.04	ppb
Selenium	78-2	5.03	5.47	5.54	5.35	5.17	ppb
Silicon	28-1	-41.18	10.55	-56.44	-29.02		ppb
Silver	107-1	1.04	1.00	1.03	1.02	2.15	ppb
Silver	109-1	1.00	1.03	1.05	1.03	2.11	ppb
Sodium	23-2	524.93	516.89	532.28	524.70	1.47	ppb
Strontium	86-1	1.09	0.91	1.04	1.01	9.15	ppb
Strontium	88-1	1.01	1.07	1.00	1.03	3.93	ppb
Sulfur	34-1	-298.86	240.81	-95.91	-51.32		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.92	0.94	0.93	1.21	ppb
Thallium	205-1	1.04	1.01	1.01	1.02	1.69	ppb
Tin	118-1	4.98	4.92	5.17	5.02	2.58	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:12:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.87	5.60	5.26	5.24	6.94	ppb
Uranium	238-1	0.97	0.94	0.96	0.96	1.85	ppb
Vanadium	51-2	4.99	5.07	5.04	5.03	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	2.31	2.08	2.02	2.14	7.08	ppb
Zirconium	90-1	0.94	1.08	1.03	1.01	6.91	ppb
Zirconium	91-1	0.89	0.99	1.00	0.96	6.24	ppb

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:15:24 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1058.19	1015.49	1043.69	1039.12	2.09	ppb
Antimony	121-1	48.58	50.44	50.10	49.71	1.99	ppb
Arsenic	75-2	50.33	51.53	52.05	51.31	1.72	ppb
Barium	135-1	243.09	249.12	245.31	245.84	1.24	ppb
Barium	137-1	247.15	256.30	248.99	250.81	1.93	ppb
Beryllium	9-1	51.32	52.61	51.75	51.89	1.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	46.42	49.51	53.55	49.83	7.18	ppb
Boron	11-1	49.10	53.67	55.25	52.67	6.06	ppb
Bromine	81-1						cps
Cadmium	111-1	51.21	52.50	50.18	51.29	2.27	ppb
Cadmium	106-1	52.47	54.46	49.86	52.26	4.42	ppb
Cadmium	108-1	51.72	52.62	55.10	53.15	3.30	ppb
Calcium	43-1	4162.23	3995.99	4131.47	4096.56	2.16	ppb
Calcium	44-1	4446.23	4423.87	4400.36	4423.49	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.23	49.30	49.90	50.14	1.98	ppb
Cobalt	59-2	50.60	49.87	50.53	50.33	0.79	ppb
Copper	63-2	523.61	513.34	514.16	517.04	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	2674.81	2605.73	2656.27	2645.60	1.35	ppb
Iron	56-2	2716.10	2686.93	2676.54	2693.19	0.76	ppb
Iron	57-2	2645.84	2524.89	2556.38	2575.70	2.44	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:15:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	232.24	235.62	238.60	235.49	1.35	ppb
Lead	207-1	235.85	236.84	239.03	237.24	0.69	ppb
Lead	208-1	244.42	245.66	244.88	244.99	0.25	ppb
Lithium	6-1				103		%
Magnesium	24-2	5526.16	5343.97	5464.25	5444.79	1.70	ppb
Manganese	55-2	509.46	494.03	498.44	500.64	1.59	ppb
Molybdenum	94-1	245.91	254.03	246.87	248.93	1.78	ppb
Molybdenum	95-1	243.14	247.08	244.42	244.88	0.82	ppb
Molybdenum	96-1	244.77	245.15	245.72	245.22	0.20	ppb
Molybdenum	97-1	244.60	253.23	252.47	250.10	1.91	ppb
Molybdenum	98-1	253.52	257.84	253.66	255.00	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.65	52.36	52.73	52.58	0.37	ppb
Phosphorus	31-2	1006.54	1014.95	1028.26	1016.58	1.08	ppb
Potassium	39-2	2574.98	2513.32	2562.61	2550.31	1.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	52.58	52.97	53.09	52.88	0.50	ppb
Selenium	77-2	41.89	55.44	41.66	46.33	17.03	ppb
Selenium	78-2	56.55	55.03	55.28	55.62	1.46	ppb
Silicon	28-1	-52.19	-108.91	4.24	-52.29		ppb
Silver	107-1	51.46	52.26	51.07	51.60	1.18	ppb
Silver	109-1	51.66	51.67	52.22	51.85	0.62	ppb
Sodium	23-2	5396.73	5157.60	5356.07	5303.47	2.41	ppb
Strontium	86-1	500.79	507.84	496.22	501.62	1.17	ppb
Strontium	88-1	501.43	505.42	505.18	504.01	0.44	ppb
Sulfur	34-1	1123.63	934.34	1322.19	1126.72	17.21	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	47.06	47.61	48.00	47.56	1.00	ppb
Thallium	205-1	47.59	49.58	49.01	48.73	2.10	ppb
Tin	118-1	48.92	50.85	49.77	49.85	1.94	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:15:24	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	255.82	248.80	252.88	252.50	1.40	ppb
Uranium	238-1	46.95	47.14	47.41	47.17	0.50	ppb
Vanadium	51-2	50.09	49.56	49.15	49.60	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	522.35	514.27	517.77	518.13	0.78	ppb
Zirconium	90-1	49.14	50.35	49.91	49.80	1.23	ppb
Zirconium	91-1	47.14	49.21	49.37	48.58	2.56	ppb

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:18:27 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2527.78	2533.80	2559.94	2540.51	0.67	ppb
Antimony	121-1	125.31	120.63	126.65	124.20	2.55	ppb
Arsenic	75-2	127.51	128.16	129.16	128.28	0.65	ppb
Barium	135-1	632.91	601.34	633.61	622.62	2.96	ppb
Barium	137-1	663.97	634.86	647.42	648.75	2.25	ppb
Beryllium	9-1	128.01	124.37	127.03	126.47	1.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	115.41	119.99	125.35	120.25	4.14	ppb
Boron	11-1	121.14	124.25	131.48	125.62	4.22	ppb
Bromine	81-1						cps
Cadmium	111-1	130.19	122.94	132.92	128.68	4.01	ppb
Cadmium	106-1	130.88	122.95	129.47	127.76	3.31	ppb
Cadmium	108-1	134.57	129.90	133.93	132.80	1.91	ppb
Calcium	43-1	10465.28	10106.82	9791.18	10121.09	3.33	ppb
Calcium	44-1	10803.01	10748.76	10714.54	10755.44	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.63	124.12	124.65	123.80	0.85	ppb
Cobalt	59-2	124.60	123.79	127.29	125.23	1.46	ppb
Copper	63-2	1279.75	1315.35	1317.49	1304.20	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	6561.60	6613.76	6714.12	6629.83	1.17	ppb
Iron	56-2	6694.81	6653.80	6589.02	6645.88	0.80	ppb
Iron	57-2	6376.66	6389.91	6492.79	6419.78	0.99	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:18:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	645.12	628.79	621.12	631.68	1.94	ppb
Lead	207-1	650.32	627.94	631.17	636.48	1.90	ppb
Lead	208-1	639.68	625.24	626.88	630.60	1.25	ppb
Lithium	6-1				105		%
Magnesium	24-2	13742.31	13346.85	13479.57	13522.91	1.49	ppb
Manganese	55-2	1247.23	1242.37	1275.46	1255.02	1.42	ppb
Molybdenum	94-1	643.20	646.90	644.01	644.71	0.30	ppb
Molybdenum	95-1	647.98	646.33	636.23	643.51	0.99	ppb
Molybdenum	96-1	636.39	650.85	636.59	641.28	1.29	ppb
Molybdenum	97-1	643.20	642.13	638.70	641.34	0.37	ppb
Molybdenum	98-1	642.71	628.39	628.84	633.31	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.84	130.37	135.45	131.55	2.63	ppb
Phosphorus	31-2	2288.36	2503.46	2508.91	2433.58	5.17	ppb
Potassium	39-2	6357.32	6407.54	6424.45	6396.44	0.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	134.58	129.52	132.51	132.21	1.92	ppb
Selenium	77-2	160.66	115.18	123.84	133.23	18.12	ppb
Selenium	78-2	126.84	134.72	126.30	129.28	3.65	ppb
Silicon	28-1	83.37	23.64	-62.48	14.84	493.98	ppb
Silver	107-1	131.46	124.25	129.54	128.42	2.91	ppb
Silver	109-1	132.17	126.86	133.04	130.69	2.56	ppb
Sodium	23-2	12565.58	12839.76	13028.53	12811.29	1.82	ppb
Strontium	86-1	1299.90	1242.71	1236.41	1259.67	2.78	ppb
Strontium	88-1	1258.68	1253.42	1244.88	1252.33	0.56	ppb
Sulfur	34-1	3282.24	2980.35	2411.57	2891.39	15.29	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	122.30	118.72	120.11	120.37	1.50	ppb
Thallium	205-1	129.51	128.45	119.14	125.70	4.54	ppb
Tin	118-1	127.00	120.44	124.68	124.04	2.68	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:18:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	652.89	626.87	609.14	629.63	3.50	ppb
Uranium	238-1	124.10	123.11	125.02	124.08	0.77	ppb
Vanadium	51-2	122.22	122.97	125.21	123.47	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	1268.85	1287.01	1296.71	1284.19	1.10	ppb
Zirconium	90-1	129.25	129.36	127.22	128.61	0.94	ppb
Zirconium	91-1	124.36	121.59	123.69	123.21	1.17	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:21:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5208.12	5133.67	5155.32	5165.71	0.74	ppb
Antimony	121-1	256.77	252.00	252.02	253.59	1.08	ppb
Arsenic	75-2	258.65	256.63	261.10	258.80	0.86	ppb
Barium	135-1	1294.16	1256.62	1282.12	1277.64	1.50	ppb
Barium	137-1	1269.05	1262.52	1275.20	1268.92	0.50	ppb
Beryllium	9-1	256.79	256.96	254.70	256.15	0.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	234.27	246.86	256.60	245.91	4.55	ppb
Boron	11-1	248.56	264.49	275.58	262.88	5.17	ppb
Bromine	81-1						cps
Cadmium	111-1	253.63	247.73	259.54	253.63	2.33	ppb
Cadmium	106-1	258.83	254.97	264.67	259.49	1.88	ppb
Cadmium	108-1	262.18	258.60	261.54	260.77	0.73	ppb
Calcium	43-1	21176.24	20704.53	20549.62	20810.13	1.57	ppb
Calcium	44-1	21793.29	21885.76	21083.38	21587.48	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251.60	248.05	251.41	250.35	0.80	ppb
Cobalt	59-2	252.29	254.18	254.39	253.62	0.46	ppb
Copper	63-2	2632.72	2576.13	2606.90	2605.25	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	13292.63	13179.58	13500.48	13324.23	1.22	ppb
Iron	56-2	13673.68	13147.94	13490.79	13437.47	1.99	ppb
Iron	57-2	12911.50	12787.34	12975.61	12891.48	0.74	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:21:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1228.65	1258.55	1229.85	1239.02	1.37	ppb
Lead	207-1	1252.54	1232.61	1225.16	1236.77	1.14	ppb
Lead	208-1	1248.46	1246.07	1228.33	1240.95	0.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	27741.89	26544.74	27118.50	27135.04	2.21	ppb
Manganese	55-2	2593.55	2542.22	2643.19	2592.99	1.95	ppb
Molybdenum	94-1	1218.50	1247.09	1240.50	1235.36	1.21	ppb
Molybdenum	95-1	1216.26	1245.23	1240.60	1234.03	1.26	ppb
Molybdenum	96-1	1231.34	1255.24	1243.17	1243.25	0.96	ppb
Molybdenum	97-1	1227.75	1265.43	1253.06	1248.75	1.54	ppb
Molybdenum	98-1	1230.59	1243.35	1225.84	1233.26	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.39	258.48	267.77	263.55	1.78	ppb
Phosphorus	31-2	5021.06	4978.36	5324.11	5107.84	3.69	ppb
Potassium	39-2	13103.41	13051.95	13188.34	13114.57	0.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	248.52	259.97	256.13	254.87	2.29	ppb
Selenium	77-2	254.17	243.79	262.22	253.39	3.65	ppb
Selenium	78-2	260.16	267.69	266.45	264.77	1.53	ppb
Silicon	28-1	268.00	175.94	192.04	211.99	23.19	ppb
Silver	107-1	261.78	260.02	272.74	264.85	2.60	ppb
Silver	109-1	260.51	259.44	260.88	260.28	0.29	ppb
Sodium	23-2	26602.41	25901.75	26074.09	26192.75	1.39	ppb
Strontium	86-1	2483.72	2538.01	2465.96	2495.90	1.50	ppb
Strontium	88-1	2485.11	2527.58	2492.18	2501.62	0.91	ppb
Sulfur	34-1	6832.05	5920.14	5739.10	6163.76	9.50	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	241.20	238.37	242.36	240.64	0.85	ppb
Thallium	205-1	249.46	250.16	246.08	248.57	0.88	ppb
Tin	118-1	250.33	245.22	249.28	248.28	1.09	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:21:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1280.52	1276.18	1275.70	1277.47	0.21	ppb
Uranium	238-1	244.59	244.45	248.85	245.96	1.02	ppb
Vanadium	51-2	249.70	248.30	249.46	249.15	0.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2572.68	2540.83	2585.35	2566.29	0.89	ppb
Zirconium	90-1	251.40	252.06	253.52	252.33	0.43	ppb
Zirconium	91-1	237.18	245.53	242.46	241.72	1.75	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:24:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10187.11	10257.38	10002.01	10148.83	1.30	ppb
Antimony	121-1	510.82	511.12	498.66	506.87	1.40	ppb
Arsenic	75-2	513.67	507.36	511.37	510.80	0.63	ppb
Barium	135-1	2533.51	2504.97	2548.23	2528.91	0.87	ppb
Barium	137-1	2465.92	2524.87	2511.59	2500.79	1.24	ppb
Beryllium	9-1	509.62	510.17	516.75	512.18	0.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	471.55	502.24	511.24	495.01	4.20	ppb
Boron	11-1	509.34	537.74	551.79	532.96	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	505.33	491.55	510.59	502.49	1.96	ppb
Cadmium	106-1	510.64	498.06	510.26	506.32	1.41	ppb
Cadmium	108-1	507.41	505.32	499.03	503.92	0.87	ppb
Calcium	43-1	42287.20	42547.12	41425.93	42086.75	1.39	ppb
Calcium	44-1	42111.07	43557.71	42844.74	42837.84	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.20	499.09	485.77	493.35	1.39	ppb
Cobalt	59-2	508.42	522.75	502.25	511.14	2.06	ppb
Copper	63-2	5145.87	5226.68	4958.62	5110.39	2.69	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				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	26711.40	26953.48	26736.31	26800.40	0.50	ppb
Iron	56-2	26699.02	26403.01	26041.98	26381.34	1.25	ppb
Iron	57-2	25710.22	25430.56	25269.49	25470.09	0.88	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:24:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2427.81	2541.87	2486.49	2485.39	2.29	ppb
Lead	207-1	2448.27	2508.04	2457.16	2471.16	1.31	ppb
Lead	208-1	2453.44	2516.07	2468.46	2479.32	1.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	53089.98	53264.93	52532.02	52962.31	0.72	ppb
Manganese	55-2	5073.00	5136.99	4973.59	5061.19	1.63	ppb
Molybdenum	94-1	2496.98	2533.28	2466.77	2499.01	1.33	ppb
Molybdenum	95-1	2527.15	2532.06	2503.08	2520.76	0.62	ppb
Molybdenum	96-1	2481.76	2548.62	2496.77	2509.05	1.40	ppb
Molybdenum	97-1	2518.83	2510.93	2520.79	2516.85	0.21	ppb
Molybdenum	98-1	2539.81	2517.09	2501.63	2519.51	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.49	518.78	514.64	516.30	0.42	ppb
Phosphorus	31-2	10071.27	10317.65	10282.45	10223.79	1.30	ppb
Potassium	39-2	25767.21	25606.58	25729.01	25700.93	0.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	508.38	511.65	510.98	510.34	0.34	ppb
Selenium	77-2	541.85	510.74	497.67	516.75	4.39	ppb
Selenium	78-2	509.55	507.35	518.49	511.79	1.15	ppb
Silicon	28-1	452.98	510.49	452.03	471.83	7.10	ppb
Silver	107-1	505.92	510.47	497.15	504.51	1.34	ppb
Silver	109-1	514.39	507.75	507.99	510.04	0.74	ppb
Sodium	23-2	50342.62	51903.68	50688.01	50978.10	1.61	ppb
Strontium	86-1	5029.45	5031.69	5000.04	5020.39	0.35	ppb
Strontium	88-1	4975.12	5063.85	4980.93	5006.63	0.99	ppb
Sulfur	34-1	11728.33	11844.89	11700.11	11757.78	0.65	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	496.67	503.66	498.44	499.59	0.73	ppb
Thallium	205-1	490.64	503.87	500.85	498.46	1.39	ppb
Tin	118-1	507.76	510.58	505.48	507.94	0.50	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:24:36	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2524.52	2527.93	2498.20	2516.88	0.65	ppb
Uranium	238-1	490.42	487.55	494.24	490.74	0.68	ppb
Vanadium	51-2	496.09	498.80	484.85	493.25	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5034.87	5020.02	4892.38	4982.42	1.57	ppb
Zirconium	90-1	499.80	514.80	491.74	502.12	2.33	ppb
Zirconium	91-1	492.14	513.81	493.09	499.68	2.45	ppb

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:27:42 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19763.00	19817.96	19611.39	19730.78	0.54	ppb
Antimony	121-1	1004.03	983.43	999.89	995.78	1.09	ppb
Arsenic	75-2	997.93	991.69	986.16	991.93	0.59	ppb
Barium	135-1	4983.86	4915.41	5038.15	4979.14	1.24	ppb
Barium	137-1	4971.71	4963.27	5040.61	4991.86	0.85	ppb
Beryllium	9-1	997.91	993.45	984.92	992.09	0.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	964.82	1004.50	1042.99	1004.10	3.89	ppb
Boron	11-1	944.55	996.48	999.05	980.03	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	1013.54	968.33	1010.09	997.32	2.52	ppb
Cadmium	106-1	985.40	999.91	996.71	994.01	0.77	ppb
Cadmium	108-1	996.08	989.73	996.84	994.21	0.39	ppb
Calcium	43-1	85428.29	83675.81	81827.84	83643.98	2.15	ppb
Calcium	44-1	86726.94	84968.03	84827.73	85507.56	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010.74	1003.91	995.48	1003.38	0.76	ppb
Cobalt	59-2	991.66	1007.73	981.05	993.48	1.35	ppb
Copper	63-2	9886.73	10038.56	9807.31	9910.87	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	52225.81	53778.35	51780.34	52594.83	1.99	ppb
Iron	56-2	51524.49	52784.93	50840.36	51716.59	1.91	ppb
Iron	57-2	53044.59	53069.04	50609.38	52241.00	2.70	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:27:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5015.53	5024.65	4989.65	5009.94	0.36	ppb
Lead	207-1	4989.14	5065.63	4996.04	5016.93	0.84	ppb
Lead	208-1	5041.34	5029.24	4965.87	5012.15	0.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	100993.07	105671.74	102520.52	103061.78	2.31	ppb
Manganese	55-2	9911.22	10110.48	9814.79	9945.50	1.52	ppb
Molybdenum	94-1	4981.84	4980.32	5043.08	5001.74	0.72	ppb
Molybdenum	95-1	4978.68	4997.65	4998.33	4991.55	0.22	ppb
Molybdenum	96-1	4978.51	4990.14	5017.45	4995.37	0.40	ppb
Molybdenum	97-1	4979.55	4985.53	5004.44	4989.84	0.26	ppb
Molybdenum	98-1	5004.65	4974.26	5000.51	4993.14	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.05	982.66	988.83	987.51	0.44	ppb
Phosphorus	31-2	19503.32	19923.62	20178.91	19868.62	1.72	ppb
Potassium	39-2	48988.16	50078.79	49034.93	49367.29	1.25	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	988.09	991.20	998.40	992.56	0.53	ppb
Selenium	77-2	944.78	1000.92	1024.10	989.93	4.12	ppb
Selenium	78-2	1003.22	989.08	976.47	989.59	1.35	ppb
Silicon	28-1	1140.05	1017.60	970.93	1042.86	8.38	ppb
Silver	107-1	998.70	1002.45	979.42	993.52	1.24	ppb
Silver	109-1	993.88	973.52	1007.42	991.60	1.72	ppb
Sodium	23-2	99062.76	102189.55	99692.61	100314.97	1.65	ppb
Strontium	86-1	9895.26	10049.43	10023.93	9989.54	0.83	ppb
Strontium	88-1	10028.75	9862.03	10096.58	9995.79	1.21	ppb
Sulfur	34-1	20036.97	18463.43	17824.33	18774.91	6.07	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	1006.29	1009.97	993.47	1003.24	0.86	ppb
Thallium	205-1	1010.22	1011.29	981.81	1001.11	1.67	ppb
Tin	118-1	1013.20	980.58	995.99	996.59	1.64	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:27:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5102.18	4934.52	4915.25	4983.99	2.06	ppb
Uranium	238-1	1014.75	1007.11	995.83	1005.90	0.95	ppb
Vanadium	51-2	1003.22	1017.52	990.66	1003.80	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	10027.34	10017.26	9916.51	9987.04	0.61	ppb
Zirconium	90-1	1002.55	986.94	1004.27	997.92	0.96	ppb
Zirconium	91-1	1008.93	991.43	1007.21	1002.52	0.96	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:30:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99432.98	102194.72	98460.12	100029.27	1.94	ppb
Antimony	121-1	0.73	0.76	0.77	0.75	2.97	ppb
Arsenic	75-2	0.43	0.39	0.32	0.38	15.87	ppb
Barium	135-1	2.13	2.11	2.17	2.14	1.45	ppb
Barium	137-1	2.39	2.29	2.04	2.24	8.01	ppb
Beryllium	9-1	0.30	0.24	0.23	0.25	14.79	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	114.77	101.60	89.50	101.96	12.40	ppb
Boron	11-1	121.53	106.75	95.95	108.08	11.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.22	0.26	0.29	32.97	ppb
Cadmium	106-1	2.56	0.54	-0.33	0.92	161.36	ppb
Cadmium	108-1	1.28	1.14	1.12	1.18	7.17	ppb
Calcium	43-1	498083.06	496753.53	518185.00	504340.53	2.38	ppb
Calcium	44-1	497290.04	496232.47	517981.62	503834.71	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.59	3.55	3.39	3.51	3.06	ppb
Cobalt	59-2	1.42	1.41	1.37	1.40	1.84	ppb
Copper	63-2	4.15	4.00	4.00	4.05	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	249843.10	251601.06	246302.33	249248.83	1.08	ppb
Iron	56-2	249693.66	252302.93	246382.94	249459.84	1.19	ppb
Iron	57-2	248734.80	251965.24	247740.61	249480.21	0.89	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:30:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.34	5.23	5.01	5.19	3.23	ppb
Lead	207-1	5.63	5.37	5.46	5.49	2.44	ppb
Lead	208-1	5.48	5.29	5.21	5.33	2.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	496840.71	504455.67	495567.44	498954.61	0.96	ppb
Manganese	55-2	5.93	5.75	5.40	5.70	4.69	ppb
Molybdenum	94-1	2.17	1.94	1.84	1.98	8.68	ppb
Molybdenum	95-1	2.08	2.10	1.99	2.06	2.73	ppb
Molybdenum	96-1	4.09	3.76	3.85	3.90	4.37	ppb
Molybdenum	97-1	2.05	2.14	1.85	2.01	7.35	ppb
Molybdenum	98-1	2.07	1.96	1.78	1.94	7.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.57	2.54	2.48	2.53	1.82	ppb
Phosphorus	31-2	10.94	1.26	23.22	11.80	93.25	ppb
Potassium	39-2	249728.12	255038.26	245298.24	250021.54	1.95	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	1.65	1.33	1.39	1.46	11.74	ppb
Selenium	77-2	-0.36	-0.36	0.61	-0.04		ppb
Selenium	78-2	0.17	1.56	-0.19	0.52	178.73	ppb
Silicon	28-1	-40.98	-45.10	32.11	-17.99		ppb
Silver	107-1	0.49	0.42	0.40	0.44	10.94	ppb
Silver	109-1	0.46	0.40	0.40	0.42	7.21	ppb
Sodium	23-2	502388.00	508450.48	488467.68	499768.72	2.05	ppb
Strontium	86-1	4.26	4.41	4.07	4.25	4.04	ppb
Strontium	88-1	4.38	4.25	4.13	4.25	2.89	ppb
Sulfur	34-1	-1550.04	-1677.91	-1405.75	-1544.56		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.36	0.25	0.24	0.28	23.13	ppb
Thallium	205-1	0.33	0.30	0.28	0.31	8.33	ppb
Tin	118-1	0.42	0.42	0.41	0.41	0.73	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:30:46	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.69	1.65	1.39	1.58	10.30	ppb
Uranium	238-1	0.25	0.27	0.24	0.25	6.63	ppb
Vanadium	51-2	0.38	0.30	0.36	0.35	12.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	16.63	16.45	16.50	16.53	0.58	ppb
Zirconium	90-1	0.33	0.30	0.27	0.30	9.43	ppb
Zirconium	91-1	0.30	0.31	0.27	0.29	5.55	ppb

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:46:08 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	519.63	511.20	507.95	512.93	1.18	ppb
Antimony	121-1	200.82	201.57	198.88	200.42	0.69	ppb
Arsenic	75-2	215.96	215.21	208.88	213.35	1.82	ppb
Barium	135-1	101.44	100.94	99.91	100.76	0.77	ppb
Barium	137-1	104.01	102.27	102.14	102.81	1.01	ppb
Beryllium	9-1	102.13	101.72	102.73	102.19	0.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	447.70	481.20	528.95	485.95	8.40	ppb
Boron	11-1	475.42	521.15	561.05	519.21	8.25	ppb
Bromine	81-1						cps
Cadmium	111-1	107.94	105.85	106.48	106.76	1.00	ppb
Cadmium	106-1	177.55	179.06	176.28	177.63	0.78	ppb
Cadmium	108-1	162.90	155.33	157.00	158.41	2.51	ppb
Calcium	43-1	2167.86	2133.11	2252.45	2184.47	2.81	ppb
Calcium	44-1	2223.94	2066.70	2151.95	2147.53	3.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.29	101.83	100.77	102.63	2.30	ppb
Cobalt	59-2	104.71	102.99	103.08	103.59	0.94	ppb
Copper	63-2	108.24	105.78	106.33	106.78	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	2220.08	2164.00	2133.88	2172.65	2.01	ppb
Iron	56-2	2221.00	2114.85	2167.56	2167.80	2.45	ppb
Iron	57-2	2116.99	2043.57	2072.41	2077.66	1.78	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:46:08	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	187.86	188.01	200.49	192.12	3.77	ppb
Lead	207-1	180.59	182.51	192.39	185.16	3.42	ppb
Lead	208-1	191.32	194.49	201.43	195.75	2.64	ppb
Lithium	6-1				105		%
Magnesium	24-2	1233.33	1240.43	1219.35	1231.04	0.87	ppb
Manganese	55-2	101.90	100.00	99.85	100.58	1.14	ppb
Molybdenum	94-1	2498.28	2435.50	2420.36	2451.38	1.69	ppb
Molybdenum	95-1	2457.46	2382.69	2428.14	2422.76	1.55	ppb
Molybdenum	96-1	2482.13	2399.65	2466.30	2449.36	1.79	ppb
Molybdenum	97-1	2470.60	2443.07	2419.51	2444.39	1.05	ppb
Molybdenum	98-1	2429.85	2423.08	2411.01	2421.31	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.90	109.14	107.87	109.30	1.39	ppb
Phosphorus	31-2	14.89	-4.06	-9.84	0.33	3959.02	ppb
Potassium	39-2	2059.53	2012.38	1984.85	2018.92	1.87	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	209.87	209.46	209.69	209.67	0.10	ppb
Selenium	77-2	214.44	231.35	220.34	222.04	3.86	ppb
Selenium	78-2	217.43	223.93	218.56	219.98	1.58	ppb
Silicon	28-1	-132.08	-192.78	-104.31	-143.06		ppb
Silver	107-1	51.15	51.45	50.42	51.01	1.04	ppb
Silver	109-1	50.11	50.81	50.11	50.34	0.80	ppb
Sodium	23-2	2081.22	2066.23	2007.85	2051.77	1.89	ppb
Strontium	86-1	4867.78	4826.61	4926.81	4873.73	1.03	ppb
Strontium	88-1	4902.61	4866.60	4920.64	4896.62	0.56	ppb
Sulfur	34-1	-1325.60	-1557.27	-1171.81	-1351.56		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	189.53	192.48	198.65	193.55	2.40	ppb
Thallium	205-1	202.24	200.80	211.71	204.92	2.89	ppb
Tin	118-1	515.85	504.65	498.25	506.25	1.76	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:46:08	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2427.90	2442.94	2501.11	2457.32	1.57	ppb
Uranium	238-1	481.51	476.60	502.38	486.83	2.81	ppb
Vanadium	51-2	102.77	98.55	99.39	100.24	2.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	181.90	177.23	181.19	180.11	1.40	ppb
Zirconium	90-1	519.16	507.81	503.68	510.22	1.57	ppb
Zirconium	91-1	520.41	496.65	509.00	508.69	2.34	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:58:13	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.78	22.77	22.45	22.67	0.82	ppb
Antimony	121-1	2.05	2.05	2.07	2.06	0.60	ppb
Arsenic	75-2	0.97	1.24	1.09	1.10	12.26	ppb
Barium	135-1	10.23	10.42	9.98	10.21	2.18	ppb
Barium	137-1	10.30	10.34	10.46	10.37	0.80	ppb
Beryllium	9-1	1.05	1.07	1.09	1.07	1.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	33.31	34.03	36.47	34.60	4.79	ppb
Boron	11-1	34.19	38.00	38.82	37.00	6.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.98	0.88	0.97	0.94	5.78	ppb
Cadmium	106-1	2.01	1.08	1.28	1.45	33.48	ppb
Cadmium	108-1	0.77	0.82	0.81	0.80	3.36	ppb
Calcium	43-1	503.58	492.56	499.87	498.67	1.12	ppb
Calcium	44-1	504.09	490.05	497.11	497.08	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.17	1.96	2.09	5.35	ppb
Cobalt	59-2	1.03	1.02	1.06	1.03	1.80	ppb
Copper	63-2	1.92	2.01	1.98	1.97	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	55.55	51.43	51.97	52.98	4.22	ppb
Iron	56-2	54.77	55.50	55.68	55.31	0.87	ppb
Iron	57-2	55.73	51.97	50.79	52.83	4.87	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:58:13	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.03	1.01	0.97	1.00	3.04	ppb
Lead	207-1	1.02	1.11	0.99	1.04	6.35	ppb
Lead	208-1	1.00	1.07	0.98	1.02	4.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	537.60	551.74	546.41	545.25	1.31	ppb
Manganese	55-2	1.15	1.12	1.17	1.15	2.07	ppb
Molybdenum	94-1	4.86	4.88	5.15	4.96	3.29	ppb
Molybdenum	95-1	4.95	4.94	4.89	4.93	0.71	ppb
Molybdenum	96-1	4.98	5.19	5.02	5.06	2.12	ppb
Molybdenum	97-1	5.46	5.14	5.16	5.25	3.45	ppb
Molybdenum	98-1	4.92	5.02	4.72	4.89	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.20	1.09	1.16	4.83	ppb
Phosphorus	31-2	2.53	-2.92	-14.82	-5.07		ppb
Potassium	39-2	487.46	524.19	506.48	506.04	3.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	5.92	5.80	6.09	5.93	2.49	ppb
Selenium	77-2	8.64	7.67	6.66	7.66	12.95	ppb
Selenium	78-2	5.22	7.17	6.56	6.32	15.78	ppb
Silicon	28-1	-31.31	-117.94	-13.38	-54.21		ppb
Silver	107-1	1.07	1.02	1.01	1.03	3.45	ppb
Silver	109-1	1.04	0.94	1.03	1.00	5.47	ppb
Sodium	23-2	525.14	544.50	526.85	532.16	2.01	ppb
Strontium	86-1	1.04	0.99	0.92	0.99	6.06	ppb
Strontium	88-1	1.06	1.11	1.11	1.09	2.40	ppb
Sulfur	34-1	-701.16	-1167.46	-671.08	-846.57		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.88	0.95	0.89	0.91	4.48	ppb
Thallium	205-1	0.97	0.96	0.98	0.97	1.33	ppb
Tin	118-1	4.98	4.98	5.09	5.02	1.31	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:58:13	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.21	4.97	5.18	5.12	2.59	ppb
Uranium	238-1	0.91	0.88	0.93	0.91	2.45	ppb
Vanadium	51-2	5.25	5.40	5.04	5.23	3.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	2.54	2.11	2.47	2.37	9.80	ppb
Zirconium	90-1	1.02	1.00	0.99	1.00	1.10	ppb
Zirconium	91-1	0.95	1.05	1.00	1.00	5.29	ppb

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:04:57 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	-0.03	0.17	0.16	115.27	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	33.60	ppb
Arsenic	75-2	0.00	-0.01	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.01	0.01	15.03	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	137.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	11.63	10.30	10.13	10.69	7.66	ppb
Boron	11-1	12.17	11.91	11.36	11.81	3.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.03	0.03	0.00	695.34	ppb
Cadmium	106-1	0.72	-0.80	1.20	0.37	281.13	ppb
Cadmium	108-1	-0.08	-0.05	-0.14	-0.09		ppb
Calcium	43-1	-0.88	-0.80	-0.84	-0.84		ppb
Calcium	44-1	-1.78	0.87	2.60	0.56	393.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	0.01	-0.01	-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				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	-0.75	-0.36	-0.78	-0.63		ppb
Iron	56-2	0.14	0.02	0.07	0.08	85.15	ppb
Iron	57-2	0.70	-0.72	-0.22	-0.08		ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:04:57	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.04	0.05	26.22	ppb
Lead	207-1	0.05	0.04	0.06	0.05	21.76	ppb
Lead	208-1	0.05	0.04	0.04	0.05	12.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.03	-0.15	0.22	0.03	529.53	ppb
Manganese	55-2	0.01	0.03	0.00	0.01	117.52	ppb
Molybdenum	94-1	-0.02	0.02	-0.02	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	60.48	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	11.41	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	38.57	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	17.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.01	0.00		ppb
Phosphorus	31-2	10.01	12.64	-26.70	-1.35		ppb
Potassium	39-2	-0.13	0.76	-1.18	-0.18		ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.38	0.18	0.12	0.23	61.06	ppb
Selenium	77-2	-0.36	0.65	-0.36	-0.03		ppb
Selenium	78-2	0.55	-0.58	-0.04	-0.02		ppb
Silicon	28-1	-92.80	-34.35	6.88	-40.09		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.67	ppb
Silver	109-1	0.02	0.01	0.01	0.01	56.40	ppb
Sodium	23-2	5.62	4.62	6.22	5.49	14.73	ppb
Strontium	86-1	-0.05	-0.03	-0.08	-0.05		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	36.95	ppb
Sulfur	34-1	-735.31	-487.80	-386.17	-536.43		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.08	-0.07	-0.06	-0.07		ppb
Thallium	205-1	-0.07	-0.06	-0.06	-0.06		ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:04:57	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	-0.10	-0.04	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	185.24	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	62.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	0.17	0.03	0.21	0.14	69.27	ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:08:01	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94927.61	95427.25	94019.26	94791.37	0.75	ppb
Antimony	121-1	1.09	1.11	1.10	1.10	0.92	ppb
Arsenic	75-2	0.34	0.29	0.24	0.29	16.09	ppb
Barium	135-1	1.25	1.50	1.39	1.38	9.01	ppb
Barium	137-1	1.33	1.40	1.33	1.35	3.07	ppb
Beryllium	9-1	0.29	0.27	0.26	0.28	4.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	10.06	9.99	9.86	9.97	1.05	ppb
Boron	11-1	10.99	10.77	10.64	10.80	1.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.52	0.47	0.40	0.46	13.93	ppb
Cadmium	106-1	0.09	0.55	-1.72	-0.36		ppb
Cadmium	108-1	12.61	13.46	13.10	13.06	3.24	ppb
Calcium	43-1	102976.20	99292.62	99809.25	100692.69	1.98	ppb
Calcium	44-1	98428.61	97244.22	96984.23	97552.35	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.25	19.42	19.55	19.41	0.79	ppb
Cobalt	59-2	1.07	1.10	1.19	1.12	5.46	ppb
Copper	63-2	7.48	7.41	7.42	7.44	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	102549.67	101876.83	101605.39	102010.63	0.48	ppb
Iron	56-2	104254.58	102224.46	103490.98	103323.34	0.99	ppb
Iron	57-2	101147.53	104559.82	104581.55	103429.64	1.91	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:08:01	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.64	5.08	5.02	4.91	4.92	ppb
Lead	207-1	4.48	4.56	4.56	4.53	1.00	ppb
Lead	208-1	4.52	4.77	4.75	4.68	2.90	ppb
Lithium	6-1				106		%
Magnesium	24-2	98662.46	97435.60	99557.16	98551.74	1.08	ppb
Manganese	55-2	7.35	7.26	7.32	7.31	0.62	ppb
Molybdenum	94-1	1298.06	1307.58	1284.20	1296.61	0.91	ppb
Molybdenum	95-1	1805.56	1848.14	1816.57	1823.42	1.21	ppb
Molybdenum	96-1	1761.66	1750.83	1732.58	1748.36	0.84	ppb
Molybdenum	97-1	1820.01	1857.33	1821.25	1832.86	1.16	ppb
Molybdenum	98-1	1794.40	1853.32	1825.25	1824.32	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.44	5.60	5.49	1.68	ppb
Phosphorus	31-2	95195.55	96830.65	97827.72	96617.97	1.38	ppb
Potassium	39-2	97588.42	96429.12	99956.29	97991.28	1.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	-0.14	0.13	0.53	0.17	198.59	ppb
Selenium	77-2	0.63	-0.36	-0.36	-0.03		ppb
Selenium	78-2	-0.56	0.51	0.12	0.02	2276.45	ppb
Silicon	28-1	-137.43	-138.55	-135.25	-137.08		ppb
Silver	107-1	0.08	0.04	0.04	0.05	34.63	ppb
Silver	109-1	0.06	0.05	0.05	0.05	3.32	ppb
Sodium	23-2	101402.11	100448.71	102800.39	101550.40	1.16	ppb
Strontium	86-1	32.72	33.49	32.83	33.01	1.25	ppb
Strontium	88-1	33.08	33.26	32.97	33.10	0.44	ppb
Sulfur	34-1	94008.77	87796.77	90236.62	90680.72	3.45	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.21	0.17	0.16	32.95	ppb
Thallium	205-1	0.11	0.19	0.21	0.17	32.52	ppb
Tin	118-1	0.16	0.22	0.19	0.19	16.60	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:08:01	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1980.70	2002.86	1964.08	1982.55	0.98	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	29.21	ppb
Vanadium	51-2	0.14	0.13	0.15	0.14	4.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	10.10	10.83	10.88	10.60	4.14	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	31.78	ppb
Zirconium	91-1	0.03	0.01	0.04	0.03	64.19	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:10:57	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94516.95	94662.24	95566.67	94915.29	0.60	ppb
Antimony	121-1	19.38	20.18	19.93	19.83	2.06	ppb
Arsenic	75-2	20.19	21.26	20.33	20.59	2.83	ppb
Barium	135-1	20.34	20.75	19.95	20.34	1.97	ppb
Barium	137-1	20.45	20.99	20.30	20.58	1.76	ppb
Beryllium	9-1	19.57	19.44	19.66	19.56	0.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	60.75	63.15	66.78	63.56	4.78	ppb
Boron	11-1	65.17	67.41	72.40	68.33	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	19.36	19.50	19.09	19.31	1.09	ppb
Cadmium	106-1	22.34	23.16	22.76	22.75	1.80	ppb
Cadmium	108-1	34.32	32.20	34.04	33.52	3.44	ppb
Calcium	43-1	96696.53	96999.88	101224.11	98306.84	2.57	ppb
Calcium	44-1	97296.56	96762.41	96885.69	96981.56	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.45	38.29	38.52	38.42	0.31	ppb
Cobalt	59-2	20.59	20.39	20.43	20.47	0.52	ppb
Copper	63-2	27.01	27.17	26.47	26.88	1.37	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				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	100577.99	101198.83	101606.92	101127.91	0.51	ppb
Iron	56-2	103469.97	102253.39	101523.57	102415.64	0.96	ppb
Iron	57-2	102100.62	103971.91	101431.06	102501.20	1.28	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:10:57	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.61	23.68	23.23	23.51	1.03	ppb
Lead	207-1	22.79	22.61	22.32	22.57	1.04	ppb
Lead	208-1	23.11	22.95	22.60	22.89	1.15	ppb
Lithium	6-1				108		%
Magnesium	24-2	99086.12	98316.81	97153.93	98185.62	0.99	ppb
Manganese	55-2	25.05	26.01	26.26	25.77	2.47	ppb
Molybdenum	94-1	1396.92	1385.26	1371.16	1384.45	0.93	ppb
Molybdenum	95-1	1837.11	1865.05	1809.73	1837.30	1.51	ppb
Molybdenum	96-1	1785.56	1790.73	1756.06	1777.45	1.05	ppb
Molybdenum	97-1	1853.20	1858.33	1889.66	1867.06	1.06	ppb
Molybdenum	98-1	1820.20	1864.42	1859.29	1847.97	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.29	24.85	25.16	25.10	0.89	ppb
Phosphorus	31-2	98377.49	96759.62	97793.87	97643.66	0.84	ppb
Potassium	39-2	97720.77	97227.46	96725.26	97224.49	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	19.83	20.13	19.04	19.67	2.88	ppb
Selenium	77-2	26.19	26.60	20.32	24.37	14.43	ppb
Selenium	78-2	17.84	18.95	20.52	19.10	7.06	ppb
Silicon	28-1	-122.46	-156.16	-146.08	-141.57		ppb
Silver	107-1	18.43	18.48	18.42	18.45	0.18	ppb
Silver	109-1	18.24	18.25	18.10	18.20	0.47	ppb
Sodium	23-2	101125.25	101062.36	98483.13	100223.58	1.50	ppb
Strontium	86-1	86.00	89.22	85.17	86.79	2.47	ppb
Strontium	88-1	88.71	89.21	88.18	88.70	0.58	ppb
Sulfur	34-1	90351.50	89377.94	92413.47	90714.30	1.71	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	19.55	19.47	19.94	19.65	1.26	ppb
Thallium	205-1	19.48	19.70	20.09	19.76	1.58	ppb
Tin	118-1	50.32	50.15	50.08	50.18	0.24	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:10:57	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2007.63	1956.32	1966.52	1976.82	1.37	ppb
Uranium	238-1	52.42	52.49	52.40	52.44	0.09	ppb
Vanadium	51-2	19.76	19.49	19.05	19.43	1.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	24.15	23.93	24.24	24.10	0.66	ppb
Zirconium	90-1	52.71	53.95	52.90	53.19	1.26	ppb
Zirconium	91-1	51.84	51.75	52.16	51.91	0.42	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:13:50	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52117.97	51272.30	50908.52	51432.93	1.21	ppb
Antimony	121-1	472.99	475.38	467.86	472.08	0.81	ppb
Arsenic	75-2	491.25	477.83	484.10	484.39	1.39	ppb
Barium	135-1	2435.27	2457.90	2440.58	2444.58	0.48	ppb
Barium	137-1	2423.44	2450.85	2436.78	2437.03	0.56	ppb
Beryllium	9-1	478.63	484.82	490.91	484.79	1.27	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	457.85	498.69	510.66	489.06	5.66	ppb
Boron	11-1	495.53	544.54	536.12	525.40	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	451.77	458.18	451.64	453.86	0.82	ppb
Cadmium	106-1	454.77	469.47	482.76	469.00	2.99	ppb
Cadmium	108-1	461.54	459.51	468.78	463.28	1.05	ppb
Calcium	43-1	236009.08	237922.88	238338.44	237423.46	0.52	ppb
Calcium	44-1	230464.32	236125.56	230926.94	232505.60	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.73	482.07	477.91	484.24	1.58	ppb
Cobalt	59-2	502.91	492.31	486.71	493.98	1.66	ppb
Copper	63-2	4811.25	4810.81	4740.79	4787.62	0.85	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				109		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	128410.04	126346.50	125675.25	126810.59	1.12	ppb
Iron	56-2	129432.56	125836.32	125276.98	126848.62	1.78	ppb
Iron	57-2	128953.53	126908.08	128272.79	128044.80	0.81	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:13:50	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2457.45	2468.24	2544.88	2490.19	1.91	ppb
Lead	207-1	2403.80	2436.31	2536.12	2458.74	2.80	ppb
Lead	208-1	2432.22	2455.67	2524.81	2470.90	1.95	ppb
Lithium	6-1				107		%
Magnesium	24-2	265371.47	262893.28	264391.88	264218.88	0.47	ppb
Manganese	55-2	5035.24	4917.92	4852.44	4935.20	1.88	ppb
Molybdenum	94-1	2384.54	2463.31	2372.68	2406.84	2.05	ppb
Molybdenum	95-1	2396.03	2395.45	2357.08	2382.86	0.94	ppb
Molybdenum	96-1	2379.36	2393.54	2396.37	2389.76	0.38	ppb
Molybdenum	97-1	2363.96	2432.76	2431.03	2409.25	1.63	ppb
Molybdenum	98-1	2409.86	2426.34	2399.38	2411.86	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.05	479.31	482.36	482.91	0.81	ppb
Phosphorus	31-2	9937.61	9855.90	10203.91	9999.14	1.82	ppb
Potassium	39-2	127135.07	124038.37	125057.70	125410.38	1.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	455.24	464.17	457.96	459.12	1.00	ppb
Selenium	77-2	509.18	482.32	484.20	491.90	3.05	ppb
Selenium	78-2	482.93	478.35	475.24	478.84	0.81	ppb
Silicon	28-1	401.52	465.97	533.85	467.11	14.17	ppb
Silver	107-1	470.94	480.57	483.51	478.34	1.38	ppb
Silver	109-1	476.75	474.50	474.11	475.12	0.30	ppb
Sodium	23-2	250944.00	252292.82	251991.05	251742.62	0.28	ppb
Strontium	86-1	4851.32	4878.93	4868.09	4866.11	0.29	ppb
Strontium	88-1	4863.35	4872.21	4813.75	4849.77	0.65	ppb
Sulfur	34-1	10020.49	10754.09	10752.41	10509.00	4.03	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	506.31	504.91	504.81	505.35	0.17	ppb
Thallium	205-1	501.56	511.80	506.77	506.71	1.01	ppb
Tin	118-1	475.69	479.70	463.32	472.91	1.81	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:13:50	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2437.15	2473.33	2440.66	2450.38	0.81	ppb
Uranium	238-1	498.76	509.81	502.13	503.57	1.12	ppb
Vanadium	51-2	493.81	485.03	488.82	489.22	0.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	4531.93	4517.86	4516.64	4522.14	0.19	ppb
Zirconium	90-1	484.33	497.75	490.92	491.00	1.37	ppb
Zirconium	91-1	483.10	485.22	477.19	481.84	0.86	ppb

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:22:20 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.04	4.06	3.93	4.01	1.70	ppb
Antimony	121-1	0.03	0.03	0.06	0.04	36.10	ppb
Arsenic	75-2	0.00	0.04	0.00	0.01	181.67	ppb
Barium	135-1	0.05	0.03	0.03	0.04	31.29	ppb
Barium	137-1	0.07	0.05	0.03	0.05	36.07	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	1.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	11.57	11.16	11.27	11.33	1.86	ppb
Boron	11-1	12.09	11.61	11.50	11.73	2.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.02	0.01	0.02	226.08	ppb
Cadmium	106-1	1.74	-1.18	-0.21	0.11	1298.16	ppb
Cadmium	108-1	-0.12	-0.18	-0.21	-0.17		ppb
Calcium	43-1	7.93	7.66	8.07	7.89	2.64	ppb
Calcium	44-1	9.86	8.26	9.50	9.21	9.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.01	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	47.20	ppb
Copper	63-2	0.12	0.10	0.08	0.10	19.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	4.37	2.04	2.46	2.96	42.02	ppb
Iron	56-2	3.83	3.85	3.53	3.74	4.82	ppb
Iron	57-2	3.42	5.41	3.13	3.99	31.18	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:22:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.11	0.14	0.15	27.46	ppb
Lead	207-1	0.17	0.16	0.19	0.17	10.76	ppb
Lead	208-1	0.18	0.14	0.16	0.16	12.97	ppb
Lithium	6-1				108		%
Magnesium	24-2	6.50	5.15	5.48	5.71	12.34	ppb
Manganese	55-2	0.06	0.06	0.02	0.05	48.09	ppb
Molybdenum	94-1	0.07	0.07	0.07	0.07	4.05	ppb
Molybdenum	95-1	0.12	0.11	0.08	0.11	21.33	ppb
Molybdenum	96-1	0.09	0.09	0.10	0.09	3.98	ppb
Molybdenum	97-1	0.11	0.13	0.10	0.12	13.38	ppb
Molybdenum	98-1	0.10	0.09	0.13	0.11	17.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.01	0.02	27.84	ppb
Phosphorus	31-2	24.01	-0.16	1.61	8.48	158.82	ppb
Potassium	39-2	15.78	9.99	-0.84	8.31	101.51	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	-0.16	0.07	0.61	0.17	224.61	ppb
Selenium	77-2	-0.36	-0.36	0.62	-0.04		ppb
Selenium	78-2	-1.14	-0.47	0.69	-0.30		ppb
Silicon	28-1	-74.87	-95.88	-57.28	-76.01		ppb
Silver	107-1	0.04	0.04	0.03	0.03	20.69	ppb
Silver	109-1	0.02	0.03	0.04	0.03	35.85	ppb
Sodium	23-2	25.43	23.40	23.83	24.22	4.42	ppb
Strontium	86-1	0.08	-0.04	0.01	0.02	352.46	ppb
Strontium	88-1	0.10	0.08	0.08	0.09	13.93	ppb
Sulfur	34-1	-1345.85	-1349.12	-1353.86	-1349.61		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.05	0.04	0.05	21.28	ppb
Thallium	205-1	0.07	0.03	0.07	0.06	39.47	ppb
Tin	118-1	-0.07	-0.07	-0.04	-0.06		ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:22:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.01	0.03	0.05	98.09	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	53.32	ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	70.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	0.29	0.16	0.25	0.23	28.72	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	1181.79	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	289.37	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:25:23	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.70	22.58	24.35	23.21	4.25	ppb
Antimony	121-1	1.92	1.95	2.03	1.97	3.01	ppb
Arsenic	75-2	0.98	0.77	1.18	0.98	20.50	ppb
Barium	135-1	9.80	9.54	10.06	9.80	2.65	ppb
Barium	137-1	9.63	9.60	10.17	9.80	3.28	ppb
Beryllium	9-1	1.04	1.09	1.05	1.06	2.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	29.38	31.91	33.01	31.43	5.91	ppb
Boron	11-1	31.60	34.30	35.52	33.81	5.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.92	0.88	1.04	0.95	8.90	ppb
Cadmium	106-1	0.33	0.47	2.26	1.02	105.24	ppb
Cadmium	108-1	1.17	0.65	1.15	0.99	29.86	ppb
Calcium	43-1	480.55	468.09	501.73	483.46	3.52	ppb
Calcium	44-1	477.85	471.06	490.81	479.91	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.99	2.01	2.02	1.48	ppb
Cobalt	59-2	1.01	1.04	1.02	1.02	1.87	ppb
Copper	63-2	2.17	1.96	1.94	2.02	6.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	58.97	59.15	55.30	57.81	3.75	ppb
Iron	56-2	57.39	56.50	56.91	56.93	0.78	ppb
Iron	57-2	55.20	55.70	61.83	57.58	6.41	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:25:23	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.04	1.05	1.14	1.08	4.96	ppb
Lead	207-1	1.09	1.11	1.06	1.09	2.40	ppb
Lead	208-1	1.07	1.05	1.08	1.07	1.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	532.48	515.25	522.06	523.26	1.66	ppb
Manganese	55-2	1.18	0.92	1.03	1.04	12.55	ppb
Molybdenum	94-1	4.82	4.74	4.91	4.82	1.72	ppb
Molybdenum	95-1	4.99	4.60	4.75	4.78	4.15	ppb
Molybdenum	96-1	4.91	4.86	4.81	4.86	0.99	ppb
Molybdenum	97-1	4.99	4.81	4.93	4.91	1.92	ppb
Molybdenum	98-1	4.90	4.69	4.93	4.84	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.12	1.11	1.15	5.48	ppb
Phosphorus	31-2	-12.46	4.57	10.69	0.94	1282.24	ppb
Potassium	39-2	519.85	501.82	503.02	508.23	1.98	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	4.87	5.03	5.47	5.12	6.07	ppb
Selenium	77-2	3.61	6.38	6.43	5.47	29.44	ppb
Selenium	78-2	5.94	4.12	4.10	4.72	22.43	ppb
Silicon	28-1	-98.69	-137.74	-67.05	-101.16		ppb
Silver	107-1	0.93	1.01	0.92	0.95	4.92	ppb
Silver	109-1	0.92	0.97	0.95	0.95	2.25	ppb
Sodium	23-2	550.32	519.36	523.45	531.04	3.17	ppb
Strontium	86-1	0.96	0.97	0.94	0.96	1.22	ppb
Strontium	88-1	1.08	1.07	1.02	1.06	3.17	ppb
Sulfur	34-1	-1609.72	-1643.59	-1214.74	-1489.35		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	1.03	1.00	0.91	0.98	6.75	ppb
Thallium	205-1	0.98	0.92	1.01	0.97	4.50	ppb
Tin	118-1	4.88	4.84	4.96	4.89	1.17	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:25:23	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.05	4.84	5.38	5.09	5.42	ppb
Uranium	238-1	0.92	0.88	0.93	0.91	2.87	ppb
Vanadium	51-2	5.09	5.06	4.92	5.03	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	2.54	2.15	2.33	2.34	8.37	ppb
Zirconium	90-1	1.01	0.97	1.01	1.00	2.67	ppb
Zirconium	91-1	1.00	0.92	1.04	0.99	6.46	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BL	Instrumnet Name :	P8
Client Sample ID :	PB137388BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:28:28	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	2.20	2.03	2.05	6.52	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	27.34	ppb
Arsenic	75-2	0.03	-0.01	0.02	0.01	142.36	ppb
Barium	135-1	0.02	0.05	0.01	0.03	75.42	ppb
Barium	137-1	0.02	0.02	0.03	0.02	9.22	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	43.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	9.59	8.98	9.57	9.38	3.65	ppb
Boron	11-1	10.19	9.89	10.27	10.11	1.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	-0.03	0.00		ppb
Cadmium	106-1	0.98	0.73	-1.34	0.12	1037.88	ppb
Cadmium	108-1	-0.12	-0.09	-0.02	-0.08		ppb
Calcium	43-1	5.39	4.19	4.94	4.84	12.51	ppb
Calcium	44-1	6.31	2.25	5.32	4.63	45.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.03	0.00	-0.02		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.05	0.06	0.05	22.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	0.91	1.41	0.77	1.03	32.80	ppb
Iron	56-2	1.35	1.47	1.37	1.40	4.78	ppb
Iron	57-2	0.01	1.32	1.53	0.95	86.35	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BL	Instrumnet Name :	P8
Client Sample ID :	PB137388BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:28:28	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.11	0.11	1.05	ppb
Lead	207-1	0.11	0.11	0.08	0.10	15.43	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.66	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.92	2.31	2.70	2.65	11.75	ppb
Manganese	55-2	-0.03	-0.03	-0.02	-0.03		ppb
Molybdenum	94-1	0.02	-0.01	0.01	0.01	197.88	ppb
Molybdenum	95-1	0.01	0.04	0.02	0.02	51.60	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	28.95	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	26.18	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	16.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	41.13	ppb
Phosphorus	31-2	-15.57	-10.25	-18.53	-14.79		ppb
Potassium	39-2	7.62	7.71	-1.64	4.56	117.77	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.22	0.18	0.37	0.25	39.49	ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.28	-0.14	0.15	0.10	222.64	ppb
Silicon	28-1	-50.90	-151.08	-48.28	-83.42		ppb
Silver	107-1	0.01	0.02	0.02	0.02	43.36	ppb
Silver	109-1	0.02	0.02	0.01	0.02	22.67	ppb
Sodium	23-2	15.00	14.76	16.64	15.47	6.62	ppb
Strontium	86-1	0.05	-0.07	-0.01	-0.01		ppb
Strontium	88-1	0.04	0.04	0.05	0.04	12.84	ppb
Sulfur	34-1	-1102.97	-1670.00	-1197.64	-1323.54		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.05	-0.01	0.04	0.03	113.88	ppb
Thallium	205-1	0.04	0.03	0.01	0.03	40.06	ppb
Tin	118-1	-0.04	-0.07	-0.03	-0.05		ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BL	Instrumnet Name :	P8
Client Sample ID :	PB137388BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:28:28	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	0.06	0.04	0.00	1761.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	77.81	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	21.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	0.24	0.08	0.14	0.15	52.80	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.00	0.03	0.00	0.01	264.96	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BS	Instrumnet Name :	P8
Client Sample ID :	PB137388BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:31:32	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9934.80	10069.39	10031.86	10012.01	0.69	ppb
Antimony	121-1	518.19	500.77	533.03	517.33	3.12	ppb
Arsenic	75-2	506.04	510.36	508.34	508.25	0.43	ppb
Barium	135-1	2547.43	2483.05	2684.54	2571.67	4.00	ppb
Barium	137-1	2534.55	2462.48	2618.43	2538.49	3.07	ppb
Beryllium	9-1	505.49	505.91	533.71	515.04	3.14	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	430.62	469.96	516.96	472.51	9.15	ppb
Boron	11-1	455.06	513.79	565.74	511.53	10.83	ppb
Bromine	81-1						cps
Cadmium	111-1	502.53	482.07	523.23	502.61	4.09	ppb
Cadmium	106-1	504.45	509.79	549.22	521.15	4.69	ppb
Cadmium	108-1	513.35	513.11	538.99	521.82	2.85	ppb
Calcium	43-1	42963.36	41183.69	44125.71	42757.59	3.47	ppb
Calcium	44-1	43549.01	42769.15	46532.42	44283.53	4.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.46	492.79	493.53	490.26	1.03	ppb
Cobalt	59-2	504.06	509.77	504.55	506.13	0.63	ppb
Copper	63-2	5030.13	5124.00	5095.97	5083.37	0.95	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				108		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	25984.44	26966.73	27224.74	26725.30	2.45	ppb
Iron	56-2	25995.35	26288.95	25977.23	26087.18	0.67	ppb
Iron	57-2	24880.23	25498.30	25307.86	25228.80	1.25	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BS	Instrumnet Name :	P8
Client Sample ID :	PB137388BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:31:32	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2444.00	2462.61	2676.04	2527.55	5.10	ppb
Lead	207-1	2413.31	2516.23	2645.60	2525.05	4.61	ppb
Lead	208-1	2461.22	2506.85	2647.46	2538.51	3.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	51843.76	53546.57	52477.50	52622.61	1.64	ppb
Manganese	55-2	4991.58	5013.92	5001.84	5002.45	0.22	ppb
Molybdenum	94-1	2505.13	2468.63	2562.62	2512.13	1.89	ppb
Molybdenum	95-1	2483.13	2464.51	2581.33	2509.65	2.50	ppb
Molybdenum	96-1	2491.10	2508.54	2591.96	2530.54	2.13	ppb
Molybdenum	97-1	2491.57	2462.95	2564.82	2506.44	2.10	ppb
Molybdenum	98-1	2495.09	2457.19	2615.44	2522.57	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.60	504.20	513.45	506.75	1.16	ppb
Phosphorus	31-2	10013.44	10163.66	10259.32	10145.47	1.22	ppb
Potassium	39-2	25733.55	26164.38	25710.94	25869.62	0.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	505.67	505.52	530.62	513.94	2.81	ppb
Selenium	77-2	574.10	521.12	455.58	516.93	11.48	ppb
Selenium	78-2	514.82	512.49	524.69	517.33	1.25	ppb
Silicon	28-1	439.19	435.73	566.03	480.32	15.46	ppb
Silver	107-1	522.33	513.40	552.94	529.56	3.92	ppb
Silver	109-1	529.22	507.50	528.61	521.78	2.37	ppb
Sodium	23-2	50652.21	51927.31	50724.81	51101.44	1.40	ppb
Strontium	86-1	4972.74	4886.91	5416.40	5092.02	5.58	ppb
Strontium	88-1	4960.61	4884.01	5277.23	5040.62	4.14	ppb
Sulfur	34-1	11266.22	11111.72	11987.53	11455.16	4.08	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	504.67	505.93	547.66	519.42	4.71	ppb
Thallium	205-1	490.94	505.59	540.18	512.24	4.94	ppb
Tin	118-1	518.66	495.18	526.19	513.34	3.15	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BS	Instrumnet Name :	P8
Client Sample ID :	PB137388BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:31:32	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2484.09	2549.29	2654.99	2562.79	3.37	ppb
Uranium	238-1	478.68	486.37	520.63	495.23	4.51	ppb
Vanadium	51-2	481.42	491.37	490.88	487.89	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	5009.90	5238.08	5206.43	5151.47	2.40	ppb
Zirconium	90-1	502.35	497.72	521.06	507.04	2.44	ppb
Zirconium	91-1	500.69	484.50	519.69	501.63	3.51	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-02	Instrumnet Name :	P8
Client Sample ID :	SB-1-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:00:04	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7531.56	7565.57	7591.46	7562.86	0.40	ppb
Antimony	121-1	0.10	0.09	0.11	0.10	11.74	ppb
Arsenic	75-2	2.27	2.38	2.42	2.36	3.21	ppb
Barium	135-1	93.57	95.20	94.21	94.32	0.87	ppb
Barium	137-1	96.60	94.00	93.95	94.85	1.60	ppb
Beryllium	9-1	0.47	0.45	0.40	0.44	8.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	115.73	118.87	126.20	120.27	4.47	ppb
Boron	11-1	127.14	131.34	135.38	131.29	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.24	0.20	0.22	8.51	ppb
Cadmium	106-1	1.28	1.92	1.12	1.44	29.46	ppb
Cadmium	108-1	0.57	0.31	0.98	0.62	54.85	ppb
Calcium	43-1	25803.22	25090.64	26138.90	25677.59	2.08	ppb
Calcium	44-1	26437.52	25723.81	26485.21	26215.51	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.36	11.16	11.67	11.40	2.24	ppb
Cobalt	59-2	13.09	13.33	13.68	13.37	2.19	ppb
Copper	63-2	20.40	21.23	21.08	20.90	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	16894.16	16883.90	17027.24	16935.10	0.47	ppb
Iron	56-2	17102.77	16605.38	17068.37	16925.51	1.64	ppb
Iron	57-2	16323.59	16444.51	16530.41	16432.84	0.63	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-02	Instrumnet Name :	P8
Client Sample ID :	SB-1-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:00:04	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.79	4.02	4.05	3.95	3.58	ppb
Lead	207-1	3.55	3.77	3.77	3.70	3.49	ppb
Lead	208-1	3.74	3.93	3.85	3.84	2.47	ppb
Lithium	6-1				108		%
Magnesium	24-2	9461.19	9849.23	10020.75	9777.05	2.93	ppb
Manganese	55-2	6141.79	5954.32	6147.82	6081.31	1.81	ppb
Molybdenum	94-1	6.20	6.24	6.91	6.45	6.23	ppb
Molybdenum	95-1	1.06	1.03	1.05	1.05	1.53	ppb
Molybdenum	96-1	1.63	1.83	1.68	1.72	6.28	ppb
Molybdenum	97-1	0.93	0.93	1.00	0.95	4.02	ppb
Molybdenum	98-1	0.87	0.85	0.90	0.87	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.75	13.31	13.36	13.14	2.56	ppb
Phosphorus	31-2	605.75	631.90	683.53	640.39	6.18	ppb
Potassium	39-2	4326.33	4397.58	4379.35	4367.75	0.85	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	0.89	0.22	0.88	0.66	58.19	ppb
Selenium	77-2	12.90	11.46	16.58	13.65	19.35	ppb
Selenium	78-2	3.41	4.22	2.38	3.34	27.68	ppb
Silicon	28-1	17098.52	15978.75	16702.70	16593.32	3.42	ppb
Silver	107-1	0.04	0.04	0.04	0.04	9.27	ppb
Silver	109-1	0.03	0.04	0.02	0.03	37.96	ppb
Sodium	23-2	135143.60	133808.70	137565.08	135505.80	1.41	ppb
Strontium	86-1	127.58	128.42	130.78	128.93	1.29	ppb
Strontium	88-1	133.88	134.71	134.76	134.45	0.37	ppb
Sulfur	34-1	1578.15	1028.13	1616.52	1407.60	23.39	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.01	-0.01	-0.03	-0.01		ppb
Thallium	205-1	0.04	0.02	-0.01	0.02	131.85	ppb
Tin	118-1	0.72	0.67	0.59	0.66	10.25	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-02	Instrumnet Name :	P8
Client Sample ID :	SB-1-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:00:04	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	399.67	392.50	388.07	393.41	1.49	ppb
Uranium	238-1	0.44	0.42	0.43	0.43	2.06	ppb
Vanadium	51-2	35.63	36.07	36.38	36.02	1.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	75.71	76.86	76.24	76.27	0.75	ppb
Zirconium	90-1	3.85	4.04	4.34	4.08	6.09	ppb
Zirconium	91-1	3.70	3.78	3.66	3.71	1.68	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-03	Instrumnet Name :	P8
Client Sample ID :	SB-2-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:03:04	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6570.35	6778.56	6814.05	6720.99	1.96	ppb
Antimony	121-1	0.14	0.15	0.17	0.15	8.76	ppb
Arsenic	75-2	1.82	1.99	1.69	1.83	7.96	ppb
Barium	135-1	102.73	102.71	102.71	102.72	0.01	ppb
Barium	137-1	105.69	105.50	105.35	105.52	0.16	ppb
Beryllium	9-1	0.31	0.33	0.33	0.32	4.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	295.34	308.55	319.71	307.87	3.96	ppb
Boron	11-1	330.38	346.11	342.67	339.72	2.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.00	0.15	0.06	122.90	ppb
Cadmium	106-1	-0.86	2.22	1.45	0.94	171.06	ppb
Cadmium	108-1	0.25	2.31	0.10	0.89	139.05	ppb
Calcium	43-1	94556.09	91569.50	91716.32	92613.97	1.82	ppb
Calcium	44-1	92817.96	90078.69	90378.86	91091.84	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.66	8.96	9.30	8.97	3.57	ppb
Cobalt	59-2	4.05	4.45	4.43	4.31	5.21	ppb
Copper	63-2	12.57	12.98	13.05	12.87	2.04	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				109		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	7091.73	7460.49	7443.97	7332.06	2.84	ppb
Iron	56-2	7319.43	7860.49	7767.05	7648.99	3.78	ppb
Iron	57-2	6998.47	7335.38	7376.90	7236.92	2.87	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-03	Instrumnet Name :	P8
Client Sample ID :	SB-2-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:03:04	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.36	4.40	3.90	4.22	6.60	ppb
Lead	207-1	4.15	3.84	3.86	3.95	4.36	ppb
Lead	208-1	4.21	4.03	3.94	4.06	3.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	25929.79	27802.43	27130.20	26954.14	3.52	ppb
Manganese	55-2	1092.96	1149.50	1159.27	1133.91	3.16	ppb
Molybdenum	94-1	3.05	2.71	2.80	2.85	6.09	ppb
Molybdenum	95-1	0.39	0.40	0.33	0.37	11.28	ppb
Molybdenum	96-1	0.83	0.72	0.67	0.74	10.87	ppb
Molybdenum	97-1	0.38	0.34	0.36	0.36	5.29	ppb
Molybdenum	98-1	0.36	0.36	0.31	0.34	8.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.98	8.06	8.23	8.09	1.58	ppb
Phosphorus	31-2	418.59	405.27	465.09	429.65	7.31	ppb
Potassium	39-2	2569.27	2590.79	2661.83	2607.29	1.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	1.35	1.24	1.06	1.21	11.91	ppb
Selenium	77-2	7.00	12.81	10.00	9.94	29.20	ppb
Selenium	78-2	2.24	3.03	2.06	2.44	21.20	ppb
Silicon	28-1	22892.54	21555.73	23220.61	22556.29	3.91	ppb
Silver	107-1	0.03	0.04	0.04	0.03	7.74	ppb
Silver	109-1	0.04	0.03	0.04	0.04	20.29	ppb
Sodium	23-2	146157.99	157394.92	153464.78	152339.23	3.74	ppb
Strontium	86-1	458.05	434.69	431.47	441.41	3.29	ppb
Strontium	88-1	454.56	445.45	439.04	446.35	1.75	ppb
Sulfur	34-1	725.71	-13.47	278.44	330.23	112.74	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	-0.04	-0.07	-0.03	-0.05		ppb
Thallium	205-1	-0.01	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.43	0.48	0.48	0.47	5.78	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-03	Instrumnet Name :	P8
Client Sample ID :	SB-2-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:03:04	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	279.88	273.92	272.12	275.31	1.48	ppb
Uranium	238-1	0.66	0.57	0.57	0.60	8.75	ppb
Vanadium	51-2	23.06	23.86	23.84	23.59	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	48.81	51.75	52.85	51.14	4.08	ppb
Zirconium	90-1	1.71	2.05	1.91	1.89	9.21	ppb
Zirconium	91-1	1.85	1.83	1.57	1.75	9.09	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-04	Instrumnet Name :	P8
Client Sample ID :	MW-8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:06:03	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4077.03	3879.32	3872.13	3942.82	2.95	ppb
Antimony	121-1	0.26	0.24	0.25	0.25	4.73	ppb
Arsenic	75-2	1.09	1.17	1.03	1.10	6.10	ppb
Barium	135-1	61.47	64.85	60.69	62.34	3.55	ppb
Barium	137-1	62.49	66.75	62.51	63.92	3.84	ppb
Beryllium	9-1	0.14	0.16	0.13	0.14	8.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	111.54	112.40	114.19	112.71	1.20	ppb
Boron	11-1	121.28	123.13	124.66	123.03	1.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.03	0.04	0.04	20.80	ppb
Cadmium	106-1	0.48	-0.20	0.65	0.31	145.32	ppb
Cadmium	108-1	0.13	0.21	0.07	0.13	52.78	ppb
Calcium	43-1	40477.75	42132.20	39513.57	40707.84	3.25	ppb
Calcium	44-1	40587.98	40603.67	39582.79	40258.15	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.34	6.19	6.29	6.27	1.23	ppb
Cobalt	59-2	1.54	1.54	1.49	1.53	1.80	ppb
Copper	63-2	8.82	8.43	8.49	8.58	2.45	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				111		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	4147.37	4021.96	3969.84	4046.39	2.26	ppb
Iron	56-2	4263.71	4091.69	4114.57	4156.66	2.25	ppb
Iron	57-2	4089.32	3999.09	4016.71	4035.04	1.19	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-04	Instrumnet Name :	P8
Client Sample ID :	MW-8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:06:03	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.77	6.13	6.08	5.99	3.30	ppb
Lead	207-1	5.52	6.14	5.94	5.87	5.42	ppb
Lead	208-1	5.76	6.17	5.90	5.94	3.49	ppb
Lithium	6-1				107		%
Magnesium	24-2	12088.34	11147.79	11356.39	11530.84	4.28	ppb
Manganese	55-2	35.79	35.12	34.46	35.12	1.89	ppb
Molybdenum	94-1	23.14	3.09	2.36	9.53	123.76	ppb
Molybdenum	95-1	0.25	0.29	0.24	0.26	10.39	ppb
Molybdenum	96-1	0.63	0.62	0.57	0.61	4.98	ppb
Molybdenum	97-1	0.28	0.31	0.30	0.29	4.26	ppb
Molybdenum	98-1	0.27	0.26	0.28	0.27	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.62	4.86	4.96	4.81	3.69	ppb
Phosphorus	31-2	141.35	161.32	139.86	147.51	8.12	ppb
Potassium	39-2	10101.10	9871.29	9967.92	9980.11	1.16	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	5.72	5.97	5.90	5.86	2.17	ppb
Selenium	77-2	12.41	2.47	2.52	5.80	98.66	ppb
Selenium	78-2	5.65	6.52	5.44	5.87	9.75	ppb
Silicon	28-1	14569.65	14679.58	13297.49	14182.24	5.42	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.31	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.21	ppb
Sodium	23-2	21328.40	20291.48	20682.58	20767.49	2.52	ppb
Strontium	86-1	150.36	148.53	147.11	148.67	1.10	ppb
Strontium	88-1	152.67	154.78	153.47	153.64	0.69	ppb
Sulfur	34-1	1130.68	1416.04	1080.29	1209.00	14.98	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	-0.03	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.02		ppb
Tin	118-1	0.65	0.55	0.52	0.57	11.95	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-04	Instrumnet Name :	P8
Client Sample ID :	MW-8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:06:03	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	138.79	144.80	156.83	146.81	6.26	ppb
Uranium	238-1	0.49	0.47	0.48	0.48	2.17	ppb
Vanadium	51-2	11.76	11.34	11.40	11.50	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	56.44	57.03	56.59	56.69	0.55	ppb
Zirconium	90-1	1.60	1.98	3.51	2.36	42.86	ppb
Zirconium	91-1	1.80	1.86	1.65	1.77	6.10	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05	Instrumnet Name :	P8
Client Sample ID :	MW-8D	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:09:02	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	172.84	118.88	119.41	137.04	22.62	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	13.40	ppb
Arsenic	75-2	2.89	3.04	2.95	2.96	2.58	ppb
Barium	135-1	76.35	78.03	78.93	77.77	1.69	ppb
Barium	137-1	79.29	81.13	78.98	79.80	1.46	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	42.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	167.70	175.06	193.02	178.59	7.29	ppb
Boron	11-1	180.53	186.80	211.09	192.80	8.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-0.78	-1.38	-1.05	-1.07		ppb
Cadmium	108-1	-0.06	-0.03	0.03	-0.02		ppb
Calcium	43-1	54879.09	55982.69	56751.96	55871.25	1.68	ppb
Calcium	44-1	53461.35	53466.30	55047.25	53991.64	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.39	0.43	0.47	24.95	ppb
Cobalt	59-2	4.00	3.92	3.90	3.94	1.35	ppb
Copper	63-2	2.28	1.45	1.47	1.73	27.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	3430.71	3351.61	3411.18	3397.84	1.21	ppb
Iron	56-2	3524.28	3440.91	3580.93	3515.38	2.00	ppb
Iron	57-2	3363.86	3324.25	3380.62	3356.24	0.86	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05	Instrumnet Name :	P8
Client Sample ID :	MW-8D	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:09:02	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.16	0.20	0.17	18.71	ppb
Lead	207-1	0.15	0.18	0.19	0.17	12.37	ppb
Lead	208-1	0.15	0.16	0.18	0.16	9.69	ppb
Lithium	6-1				110		%
Magnesium	24-2	23995.04	24711.43	24776.69	24494.39	1.77	ppb
Manganese	55-2	2386.99	2419.40	2425.03	2410.48	0.85	ppb
Molybdenum	94-1	0.50	0.46	0.59	0.52	12.90	ppb
Molybdenum	95-1	0.60	0.65	0.65	0.63	4.07	ppb
Molybdenum	96-1	0.65	0.55	0.57	0.59	9.37	ppb
Molybdenum	97-1	0.57	0.58	0.53	0.56	4.47	ppb
Molybdenum	98-1	0.56	0.58	0.57	0.57	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.03	2.15	2.13	4.36	ppb
Phosphorus	31-2	35.93	50.83	62.03	49.60	26.40	ppb
Potassium	39-2	3833.63	3837.77	3909.73	3860.38	1.11	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	82-1	1.11	1.47	1.44	1.34	15.03	ppb
Selenium	77-2	3.42	1.53	2.49	2.48	38.15	ppb
Selenium	78-2	0.76	1.33	1.79	1.29	39.96	ppb
Silicon	28-1	14136.18	14397.34	15070.28	14534.60	3.32	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.24	ppb
Silver	109-1	0.00	0.01	0.01	0.01	62.97	ppb
Sodium	23-2	70977.59	72219.56	72475.78	71890.98	1.11	ppb
Strontium	86-1	201.22	207.64	205.67	204.84	1.61	ppb
Strontium	88-1	208.49	210.45	211.28	210.07	0.68	ppb
Sulfur	34-1	5554.52	5748.81	6229.82	5844.38	5.95	ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	-0.13	-0.11	-0.13	-0.12		ppb
Thallium	205-1	-0.10	-0.10	-0.11	-0.11		ppb
Tin	118-1	0.06	0.07	0.05	0.06	12.46	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05	Instrumnet Name :	P8
Client Sample ID :	MW-8D	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:09:02	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.51	5.55	5.20	5.42	3.52	ppb
Uranium	238-1	0.40	0.47	0.46	0.44	7.85	ppb
Vanadium	51-2	1.93	1.72	1.78	1.81	6.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	8.20	7.31	7.57	7.69	5.98	ppb
Zirconium	90-1	0.10	0.16	0.11	0.12	25.47	ppb
Zirconium	91-1	0.11	0.12	0.09	0.11	17.21	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05DUP	Instrumnet Name :	P8
Client Sample ID :	MW-8DDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:12:02	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	118.30	121.43	123.55	121.09	2.18	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	10.44	ppb
Arsenic	75-2	2.83	2.54	2.88	2.75	6.57	ppb
Barium	135-1	77.48	78.69	78.73	78.30	0.91	ppb
Barium	137-1	78.36	80.44	81.51	80.10	2.00	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	38.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	169.22	179.85	193.01	180.69	6.60	ppb
Boron	11-1	186.34	198.87	211.84	199.02	6.41	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.01	0.03	0.00	2505.23	ppb
Cadmium	106-1	-2.45	-1.06	0.58	-0.97		ppb
Cadmium	108-1	0.00	-0.25	-0.09	-0.11		ppb
Calcium	43-1	58101.69	56329.35	56519.29	56983.45	1.71	ppb
Calcium	44-1	54443.25	54967.76	54599.41	54670.14	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.38	0.35	0.33	21.02	ppb
Cobalt	59-2	3.82	3.85	4.00	3.89	2.46	ppb
Copper	63-2	1.44	1.39	1.50	1.44	3.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	3404.27	3470.18	3409.31	3427.92	1.07	ppb
Iron	56-2	3616.22	3528.88	3521.41	3555.50	1.48	ppb
Iron	57-2	3470.16	3406.17	3396.76	3424.36	1.17	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05DUP	Instrumnet Name :	P8
Client Sample ID :	MW-8DDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:12:02	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.15	0.14	11.59	ppb
Lead	207-1	0.14	0.11	0.11	0.12	12.98	ppb
Lead	208-1	0.12	0.13	0.12	0.12	3.41	ppb
Lithium	6-1				108		%
Magnesium	24-2	25082.82	24786.87	25158.53	25009.40	0.79	ppb
Manganese	55-2	2435.88	2363.58	2387.08	2395.52	1.54	ppb
Molybdenum	94-1	0.50	0.60	0.59	0.56	10.30	ppb
Molybdenum	95-1	0.59	0.55	0.59	0.58	4.01	ppb
Molybdenum	96-1	0.56	0.57	0.57	0.57	1.68	ppb
Molybdenum	97-1	0.62	0.41	0.59	0.54	20.97	ppb
Molybdenum	98-1	0.57	0.53	0.58	0.56	5.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	1.88	2.00	1.95	3.20	ppb
Phosphorus	31-2	22.27	72.46	60.83	51.85	50.67	ppb
Potassium	39-2	3839.59	3806.37	3876.03	3840.66	0.91	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	1.84	0.98	1.39	1.40	30.52	ppb
Selenium	77-2	1.60	1.59	-0.36	0.94	119.91	ppb
Selenium	78-2	1.72	0.92	0.48	1.04	60.64	ppb
Silicon	28-1	14990.63	14831.54	14653.93	14825.37	1.14	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.32	ppb
Silver	109-1	0.00	0.01	0.01	0.01	46.31	ppb
Sodium	23-2	73290.58	72791.11	73880.60	73320.76	0.74	ppb
Strontium	86-1	205.61	210.17	215.37	210.38	2.32	ppb
Strontium	88-1	209.24	211.83	215.31	212.13	1.43	ppb
Sulfur	34-1	6362.45	6071.38	5980.86	6138.23	3.25	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	-0.13	-0.10	-0.13	-0.12		ppb
Thallium	205-1	-0.11	-0.10	-0.11	-0.11		ppb
Tin	118-1	-0.01	0.00	0.03	0.01	385.78	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05DUP	Instrumnet Name :	P8
Client Sample ID :	MW-8DDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:12:02	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.62	5.16	5.35	5.38	4.35	ppb
Uranium	238-1	0.46	0.47	0.48	0.47	2.40	ppb
Vanadium	51-2	1.73	1.69	1.93	1.78	7.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	2.48	2.16	2.40	2.35	7.06	ppb
Zirconium	90-1	0.10	0.09	0.09	0.09	4.25	ppb
Zirconium	91-1	0.09	0.10	0.09	0.09	3.97	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05LX5	Instrumnet Name :	P8
Client Sample ID :	MW-8DL	Dilution Factor :	5
Date & Time Acquired ::	2021-06-28 15:14:59	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75.56	78.99	72.57	75.71	4.25	ppb
Antimony	121-1	0.01	0.01	0.02	0.02	18.04	ppb
Arsenic	75-2	0.59	0.59	0.59	0.59	0.49	ppb
Barium	135-1	14.70	15.04	15.04	14.92	1.33	ppb
Barium	137-1	14.95	15.17	15.54	15.22	1.98	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	188.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	50.64	53.30	51.02	51.66	2.78	ppb
Boron	11-1	56.79	57.42	55.19	56.46	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.02	0.00	0.01	101.88	ppb
Cadmium	106-1	1.02	0.72	0.36	0.70	46.99	ppb
Cadmium	108-1	-0.03	-0.03	0.06	0.00		ppb
Calcium	43-1	10543.04	10357.90	10514.60	10471.84	0.95	ppb
Calcium	44-1	10672.80	10247.90	10716.30	10545.67	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.09	0.08	0.09	5.42	ppb
Cobalt	59-2	0.73	0.76	0.74	0.75	1.90	ppb
Copper	63-2	0.32	0.33	0.28	0.31	7.86	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				110		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	54-2	681.57	684.98	654.20	673.58	2.50	ppb
Iron	56-2	695.63	681.74	667.26	681.54	2.08	ppb
Iron	57-2	673.96	682.29	650.16	668.80	2.49	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05LX5	Instrumnet Name :	P8
Client Sample ID :	MW-8DL	Dilution Factor :	5
Date & Time Acquired ::	2021-06-28 15:14:59	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	18.29	ppb
Lead	207-1	0.04	0.05	0.07	0.05	27.16	ppb
Lead	208-1	0.03	0.03	0.02	0.03	17.24	ppb
Lithium	6-1				110		%
Magnesium	24-2	4928.42	4763.70	4821.95	4838.02	1.73	ppb
Manganese	55-2	468.64	469.95	458.73	465.77	1.32	ppb
Molybdenum	94-1	0.05	0.10	0.11	0.09	38.05	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	2.50	ppb
Molybdenum	96-1	0.10	0.12	0.12	0.11	8.27	ppb
Molybdenum	97-1	0.12	0.15	0.17	0.15	18.19	ppb
Molybdenum	98-1	0.11	0.11	0.12	0.11	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.54	0.65	0.59	9.51	ppb
Phosphorus	31-2	-18.50	1.90	6.70	-3.30		ppb
Potassium	39-2	747.09	762.02	734.95	748.02	1.81	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.00	0.32	0.41	0.25	87.29	ppb
Selenium	77-2	-0.36	0.61	0.61	0.28	197.76	ppb
Selenium	78-2	-1.03	0.46	1.23	0.22	522.69	ppb
Silicon	28-1	2597.66	2646.66	2658.83	2634.38	1.23	ppb
Silver	107-1	0.00	0.01	0.01	0.01	46.63	ppb
Silver	109-1	0.00	0.00	0.01	0.00	128.50	ppb
Sodium	23-2	14313.85	14017.39	13998.69	14109.98	1.25	ppb
Strontium	86-1	40.91	38.95	39.52	39.79	2.54	ppb
Strontium	88-1	40.50	39.70	40.03	40.07	1.01	ppb
Sulfur	34-1	-529.75	-724.83	-410.45	-555.01		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	-0.15	-0.14	-0.13	-0.14		ppb
Thallium	205-1	-0.11	-0.12	-0.12	-0.12		ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.02		ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05LX5	Instrumnet Name :	P8
Client Sample ID :	MW-8DL	Dilution Factor :	5
Date & Time Acquired ::	2021-06-28 15:14:59	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.08	1.11	1.37	1.19	13.10	ppb
Uranium	238-1	0.08	0.09	0.09	0.08	2.87	ppb
Vanadium	51-2	0.35	0.35	0.37	0.35	2.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	1.73	1.77	1.56	1.69	6.82	ppb
Zirconium	90-1	0.02	0.47	0.02	0.17	151.69	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	75.01	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MSD	Instrumnet Name :	P8
Client Sample ID :	MW-8DMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:27:04	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10571.55	9905.26	10257.48	10244.76	3.25	ppb
Antimony	121-1	482.19	474.49	465.97	474.22	1.71	ppb
Arsenic	75-2	520.62	492.40	511.66	508.23	2.84	ppb
Barium	135-1	2658.57	2615.66	2526.66	2600.30	2.59	ppb
Barium	137-1	2675.70	2611.62	2513.45	2600.26	3.14	ppb
Beryllium	9-1	490.05	477.77	474.20	480.67	1.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	627.46	667.43	672.11	655.66	3.74	ppb
Boron	11-1	676.56	700.79	733.39	703.58	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	470.28	476.12	464.95	470.45	1.19	ppb
Cadmium	106-1	479.52	485.22	467.56	477.43	1.89	ppb
Cadmium	108-1	492.28	488.97	489.12	490.13	0.38	ppb
Calcium	43-1	96894.53	98553.87	96019.74	97156.05	1.32	ppb
Calcium	44-1	94831.59	97743.12	94059.44	95544.72	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.49	463.95	476.81	476.42	2.58	ppb
Cobalt	59-2	505.21	488.30	508.56	500.69	2.17	ppb
Copper	63-2	5631.39	5410.47	5454.06	5498.64	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	31492.44	29762.88	30874.12	30709.81	2.85	ppb
Iron	56-2	31246.68	29685.09	30271.83	30401.20	2.59	ppb
Iron	57-2	29760.80	28618.83	29074.06	29151.23	1.97	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MSD	Instrumnet Name :	P8
Client Sample ID :	MW-8DMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:27:04	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2516.88	2607.43	2474.85	2533.06	2.67	ppb
Lead	207-1	2610.68	2692.83	2561.23	2621.58	2.54	ppb
Lead	208-1	2587.63	2652.17	2514.54	2584.78	2.66	ppb
Lithium	6-1				103		%
Magnesium	24-2	78317.42	72968.66	75356.64	75547.57	3.55	ppb
Manganese	55-2	8106.30	7746.58	7891.19	7914.69	2.29	ppb
Molybdenum	94-1	2465.37	2567.34	2473.97	2502.23	2.26	ppb
Molybdenum	95-1	2495.51	2586.60	2474.14	2518.75	2.37	ppb
Molybdenum	96-1	2500.19	2603.49	2486.71	2530.13	2.52	ppb
Molybdenum	97-1	2496.49	2648.34	2488.10	2544.31	3.54	ppb
Molybdenum	98-1	2508.51	2604.14	2495.22	2535.96	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.19	484.74	491.24	490.72	1.17	ppb
Phosphorus	31-2	65.33	46.29	60.55	57.39	17.26	ppb
Potassium	39-2	30942.24	29329.88	30751.59	30341.23	2.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	470.47	491.45	469.72	477.21	2.58	ppb
Selenium	77-2	518.44	513.78	466.48	499.57	5.75	ppb
Selenium	78-2	500.43	475.56	475.40	483.79	2.98	ppb
Silicon	28-1	14858.09	14839.90	15126.64	14941.54	1.07	ppb
Silver	107-1	404.97	381.65	373.76	386.79	4.20	ppb
Silver	109-1	401.35	477.39	446.33	441.69	8.66	ppb
Sodium	23-2	127608.46	119263.97	122518.95	123130.46	3.42	ppb
Strontium	86-1	5093.07	5296.90	5050.17	5146.71	2.56	ppb
Strontium	88-1	5092.26	5218.79	5115.96	5142.34	1.31	ppb
Sulfur	34-1	6518.91	6616.16	6649.86	6594.98	1.03	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	495.13	504.48	476.69	492.10	2.87	ppb
Thallium	205-1	489.76	498.70	479.15	489.21	2.00	ppb
Tin	118-1	511.24	504.07	501.09	505.47	1.03	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MSD	Instrumnet Name :	P8
Client Sample ID :	MW-8DMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:27:04	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2510.70	2570.86	2513.20	2531.59	1.34	ppb
Uranium	238-1	483.73	491.18	472.56	482.49	1.94	ppb
Vanadium	51-2	496.51	472.11	486.70	485.11	2.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	5684.06	5291.40	5498.43	5491.30	3.58	ppb
Zirconium	90-1	479.63	500.63	480.49	486.92	2.44	ppb
Zirconium	91-1	484.80	497.81	477.60	486.74	2.10	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:35:46	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51886.80	51279.67	50149.09	51105.19	1.73	ppb
Antimony	121-1	481.25	471.08	481.38	477.90	1.24	ppb
Arsenic	75-2	491.03	487.98	477.66	485.56	1.44	ppb
Barium	135-1	2483.33	2418.60	2471.59	2457.84	1.40	ppb
Barium	137-1	2464.66	2409.57	2459.49	2444.57	1.24	ppb
Beryllium	9-1	487.55	481.28	490.37	486.40	0.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	497.42	484.94	544.19	508.85	6.14	ppb
Boron	11-1	526.30	525.69	569.04	540.34	4.60	ppb
Bromine	81-1						cps
Cadmium	111-1	460.00	450.16	450.18	453.45	1.25	ppb
Cadmium	106-1	470.24	460.85	476.12	469.07	1.64	ppb
Cadmium	108-1	476.37	467.68	476.92	473.66	1.09	ppb
Calcium	43-1	233844.55	230424.05	231997.78	232088.80	0.74	ppb
Calcium	44-1	234788.02	232874.06	230702.71	232788.26	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.71	477.56	468.82	477.70	1.87	ppb
Cobalt	59-2	496.42	489.60	474.48	486.83	2.31	ppb
Copper	63-2	4955.82	4965.80	4839.64	4920.42	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	129528.12	125693.40	125535.94	126919.15	1.78	ppb
Iron	56-2	125962.20	126938.04	123860.40	125586.88	1.25	ppb
Iron	57-2	125391.42	128157.17	123213.40	125587.33	1.97	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:35:46	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2431.56	2439.98	2479.67	2450.40	1.05	ppb
Lead	207-1	2432.26	2442.35	2455.57	2443.40	0.48	ppb
Lead	208-1	2460.95	2427.47	2479.24	2455.89	1.07	ppb
Lithium	6-1				109		%
Magnesium	24-2	268046.48	270288.47	259753.28	266029.41	2.09	ppb
Manganese	55-2	5012.68	4895.39	4814.44	4907.50	2.03	ppb
Molybdenum	94-1	2409.15	2386.37	2440.50	2412.01	1.13	ppb
Molybdenum	95-1	2387.01	2367.87	2384.89	2379.92	0.44	ppb
Molybdenum	96-1	2387.73	2391.91	2411.35	2397.00	0.53	ppb
Molybdenum	97-1	2390.71	2331.78	2392.99	2371.83	1.46	ppb
Molybdenum	98-1	2362.15	2318.51	2420.74	2367.14	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.78	478.96	465.50	478.08	2.54	ppb
Phosphorus	31-2	9755.66	9824.65	9608.95	9729.75	1.13	ppb
Potassium	39-2	124820.50	126362.17	123799.40	124994.03	1.03	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	456.09	451.39	458.14	455.21	0.76	ppb
Selenium	77-2	490.72	473.23	500.17	488.04	2.80	ppb
Selenium	78-2	480.24	495.09	472.84	482.72	2.35	ppb
Silicon	28-1	431.22	437.71	466.45	445.12	4.21	ppb
Silver	107-1	476.14	476.64	472.83	475.20	0.44	ppb
Silver	109-1	490.82	471.37	473.49	478.56	2.23	ppb
Sodium	23-2	256179.50	257486.39	250028.21	254564.70	1.56	ppb
Strontium	86-1	4926.51	4764.85	4866.05	4852.47	1.68	ppb
Strontium	88-1	4805.78	4769.49	4806.27	4793.85	0.44	ppb
Sulfur	34-1	10100.54	9992.68	10034.94	10042.72	0.54	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	506.63	499.56	504.99	503.73	0.73	ppb
Thallium	205-1	498.24	487.74	501.08	495.69	1.42	ppb
Tin	118-1	486.37	475.07	478.36	479.93	1.21	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:35:46	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2445.02	2455.12	2441.60	2447.25	0.29	ppb
Uranium	238-1	500.97	491.77	494.69	495.81	0.95	ppb
Vanadium	51-2	487.05	485.92	469.18	480.72	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	5154.55	5155.75	5154.09	5154.80	0.02	ppb
Zirconium	90-1	484.34	477.49	497.84	486.55	2.13	ppb
Zirconium	91-1	483.38	481.14	499.49	488.00	2.05	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:42:13	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.57	2.45	3.05	2.69	11.91	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	9.86	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	33.17	ppb
Barium	135-1	0.06	0.09	0.09	0.08	20.01	ppb
Barium	137-1	0.09	0.07	0.08	0.08	12.26	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	13.97	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	25.39	24.81	24.06	24.75	2.69	ppb
Boron	11-1	27.33	26.73	26.35	26.80	1.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.00	0.01	112.29	ppb
Cadmium	106-1	0.63	0.25	-0.31	0.19	250.11	ppb
Cadmium	108-1	-0.09	-0.03	0.04	-0.02		ppb
Calcium	43-1	6.72	10.68	8.09	8.50	23.68	ppb
Calcium	44-1	4.67	6.86	9.80	7.11	36.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.01	0.01	67.06	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.18	0.18	0.17	0.18	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	54-2	2.41	3.24	3.85	3.17	22.83	ppb
Iron	56-2	3.60	3.75	4.03	3.79	5.70	ppb
Iron	57-2	3.88	3.69	2.05	3.21	31.33	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:42:13	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.24	0.28	0.25	11.56	ppb
Lead	207-1	0.25	0.24	0.22	0.24	8.11	ppb
Lead	208-1	0.24	0.24	0.24	0.24	1.12	ppb
Lithium	6-1				109		%
Magnesium	24-2	7.46	7.67	8.85	7.99	9.42	ppb
Manganese	55-2	0.12	0.18	0.14	0.15	23.22	ppb
Molybdenum	94-1	0.08	0.10	0.13	0.10	26.99	ppb
Molybdenum	95-1	0.12	0.14	0.12	0.13	7.76	ppb
Molybdenum	96-1	0.10	0.10	0.09	0.10	4.90	ppb
Molybdenum	97-1	0.13	0.11	0.07	0.10	29.58	ppb
Molybdenum	98-1	0.10	0.14	0.12	0.12	20.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.03	0.03	53.32	ppb
Phosphorus	31-2	10.50	-10.32	-7.42	-2.41		ppb
Potassium	39-2	17.99	12.99	11.58	14.18	23.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	0.09	0.02	-0.19	-0.03		ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.18	-1.38	0.08	-0.49		ppb
Silicon	28-1	-198.83	-120.01	-26.94	-115.26		ppb
Silver	107-1	0.06	0.07	0.05	0.06	17.39	ppb
Silver	109-1	0.08	0.06	0.05	0.06	26.27	ppb
Sodium	23-2	39.70	37.69	37.98	38.46	2.83	ppb
Strontium	86-1	0.06	0.02	0.04	0.04	50.34	ppb
Strontium	88-1	0.16	0.19	0.17	0.17	8.56	ppb
Sulfur	34-1	-1959.92	-1461.41	-1026.25	-1482.53		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.03	0.00	0.02	0.02	75.20	ppb
Tin	118-1	-0.03	-0.02	-0.04	-0.03		ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:42:13	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.00	0.04	0.03	78.86	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	26.63	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	18.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	0.55	0.83	0.55	0.64	25.53	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	35.49	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	40.73	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MS	Instrumnet Name :	P8
Client Sample ID :	MW-8DMS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:45:16	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10321.06	10180.21	11345.50	10615.59	5.99	ppb
Antimony	121-1	467.30	468.08	473.45	469.61	0.71	ppb
Arsenic	75-2	508.33	504.17	556.39	522.96	5.55	ppb
Barium	135-1	2565.06	2583.10	2584.44	2577.54	0.42	ppb
Barium	137-1	2553.92	2565.08	2589.77	2569.59	0.71	ppb
Beryllium	9-1	483.16	484.86	473.29	480.44	1.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	616.76	649.61	700.92	655.76	6.47	ppb
Boron	11-1	676.05	691.24	748.96	705.42	5.45	ppb
Bromine	81-1						cps
Cadmium	111-1	457.91	462.99	461.96	460.96	0.58	ppb
Cadmium	106-1	476.81	475.52	487.56	479.96	1.38	ppb
Cadmium	108-1	476.98	482.93	483.09	481.00	0.72	ppb
Calcium	43-1	96572.03	94470.74	96529.26	95857.34	1.25	ppb
Calcium	44-1	96117.02	95132.03	96004.13	95751.06	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.65	475.77	528.03	493.15	6.12	ppb
Cobalt	59-2	507.70	498.85	543.82	516.79	4.61	ppb
Copper	63-2	5422.30	5472.24	5982.18	5625.57	5.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	30385.70	30362.24	34414.60	31720.85	7.35	ppb
Iron	56-2	30087.27	29561.69	33102.77	30917.24	6.18	ppb
Iron	57-2	28779.57	28703.30	32049.51	29844.13	6.40	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MS	Instrumnet Name :	P8
Client Sample ID :	MW-8DMS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:45:16	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2418.56	2487.52	2497.16	2467.75	1.74	ppb
Lead	207-1	2539.53	2575.34	2571.71	2562.20	0.77	ppb
Lead	208-1	2485.97	2530.43	2552.44	2522.95	1.34	ppb
Lithium	6-1				106		%
Magnesium	24-2	74782.42	73837.72	84370.40	77663.51	7.50	ppb
Manganese	55-2	7798.88	7728.90	8669.54	8065.77	6.50	ppb
Molybdenum	94-1	2411.92	2449.65	2473.93	2445.17	1.28	ppb
Molybdenum	95-1	2418.03	2466.02	2517.82	2467.29	2.02	ppb
Molybdenum	96-1	2437.48	2482.59	2485.88	2468.65	1.10	ppb
Molybdenum	97-1	2446.65	2447.41	2493.47	2462.51	1.09	ppb
Molybdenum	98-1	2400.89	2469.75	2495.42	2455.35	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.98	488.63	530.84	503.48	4.71	ppb
Phosphorus	31-2	25.87	36.77	61.65	41.43	44.27	ppb
Potassium	39-2	29702.44	29912.08	33623.65	31079.39	7.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	453.39	461.12	466.25	460.25	1.41	ppb
Selenium	77-2	503.87	494.42	531.72	510.00	3.80	ppb
Selenium	78-2	477.12	470.76	531.25	493.04	6.74	ppb
Silicon	28-1	15104.18	15218.79	14910.36	15077.78	1.03	ppb
Silver	107-1	304.51	296.18	393.63	331.44	16.30	ppb
Silver	109-1	397.68	427.24	262.14	362.35	24.29	ppb
Sodium	23-2	122518.20	122235.19	135843.26	126865.55	6.13	ppb
Strontium	86-1	4988.74	5086.63	5094.28	5056.55	1.16	ppb
Strontium	88-1	5040.24	5025.58	5089.19	5051.67	0.66	ppb
Sulfur	34-1	6729.75	6854.73	6347.88	6644.12	3.97	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	480.99	504.07	487.93	491.00	2.41	ppb
Thallium	205-1	469.90	493.18	483.55	482.21	2.43	ppb
Tin	118-1	496.68	489.84	509.52	498.68	2.00	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MS	Instrumnet Name :	P8
Client Sample ID :	MW-8DMS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:45:16	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2503.98	2562.38	2511.96	2526.11	1.25	ppb
Uranium	238-1	467.69	480.05	478.69	475.48	1.43	ppb
Vanadium	51-2	480.40	480.11	533.06	497.85	6.12	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	5499.06	5418.71	5935.39	5617.72	4.95	ppb
Zirconium	90-1	485.51	478.03	480.95	481.49	0.78	ppb
Zirconium	91-1	477.91	471.07	482.70	477.23	1.22	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05A	Instrumnet Name :	P8
Client Sample ID :	MW-8DA	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:48:12	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10381.34	10098.23	10205.13	10228.23	1.40	ppb
Antimony	121-1	475.33	471.91	488.81	478.68	1.87	ppb
Arsenic	75-2	508.27	494.36	506.16	502.93	1.49	ppb
Barium	135-1	2582.23	2613.08	2633.74	2609.68	0.99	ppb
Barium	137-1	2572.41	2617.21	2692.18	2627.27	2.30	ppb
Beryllium	9-1	488.61	481.81	479.26	483.23	1.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	659.05	710.11	724.85	698.00	4.95	ppb
Boron	11-1	719.03	767.56	808.46	765.02	5.85	ppb
Bromine	81-1						cps
Cadmium	111-1	467.73	469.07	473.20	470.00	0.61	ppb
Cadmium	106-1	480.93	477.15	493.73	483.94	1.80	ppb
Cadmium	108-1	484.38	483.22	500.58	489.40	1.98	ppb
Calcium	43-1	97492.19	95691.18	97302.86	96828.74	1.02	ppb
Calcium	44-1	95340.85	95559.21	96694.66	95864.91	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.76	470.52	473.05	474.44	1.01	ppb
Cobalt	59-2	496.22	480.18	500.20	492.20	2.15	ppb
Copper	63-2	5528.51	5390.36	5452.55	5457.14	1.27	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				104		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	31349.44	30763.67	30435.09	30849.40	1.50	ppb
Iron	56-2	30865.10	29687.96	29769.02	30107.36	2.18	ppb
Iron	57-2	29268.35	28196.84	28453.29	28639.49	1.95	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05A	Instrumnet Name :	P8
Client Sample ID :	MW-8DA	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:48:12	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2502.98	2485.54	2497.63	2495.38	0.36	ppb
Lead	207-1	2598.27	2579.47	2571.33	2583.02	0.54	ppb
Lead	208-1	2539.39	2550.29	2534.76	2541.48	0.31	ppb
Lithium	6-1				106		%
Magnesium	24-2	77834.40	74803.91	76407.97	76348.76	1.99	ppb
Manganese	55-2	8028.35	7854.30	7814.53	7899.06	1.44	ppb
Molybdenum	94-1	2475.39	2440.06	2526.36	2480.61	1.75	ppb
Molybdenum	95-1	2501.33	2473.57	2568.36	2514.42	1.94	ppb
Molybdenum	96-1	2467.69	2437.47	2536.01	2480.39	2.04	ppb
Molybdenum	97-1	2498.08	2438.43	2543.80	2493.43	2.12	ppb
Molybdenum	98-1	2486.36	2402.59	2569.69	2486.21	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.46	481.55	484.42	486.14	1.16	ppb
Phosphorus	31-2	55.76	48.64	60.17	54.86	10.61	ppb
Potassium	39-2	30858.46	29164.43	30143.04	30055.31	2.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	466.51	461.95	476.70	468.39	1.61	ppb
Selenium	77-2	520.58	511.15	522.62	518.12	1.18	ppb
Selenium	78-2	485.03	482.67	479.58	482.43	0.57	ppb
Silicon	28-1	15101.56	14921.57	14993.66	15005.60	0.60	ppb
Silver	107-1	432.75	459.20	286.63	392.86	23.66	ppb
Silver	109-1	374.29	424.54	387.66	395.50	6.58	ppb
Sodium	23-2	126018.99	123992.61	125822.09	125277.90	0.89	ppb
Strontium	86-1	4991.10	4972.77	5151.11	5038.32	1.95	ppb
Strontium	88-1	4993.93	4936.79	5157.70	5029.47	2.28	ppb
Sulfur	34-1	6534.24	6316.19	6211.65	6354.02	2.59	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	497.00	497.43	486.38	493.61	1.27	ppb
Thallium	205-1	491.30	490.35	486.84	489.50	0.48	ppb
Tin	118-1	500.64	499.54	524.17	508.12	2.74	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05A	Instrumnet Name :	P8
Client Sample ID :	MW-8DA	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:48:12	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2504.81	2523.96	2517.02	2515.26	0.39	ppb
Uranium	238-1	480.05	477.05	480.54	479.21	0.39	ppb
Vanadium	51-2	487.39	472.04	476.77	478.73	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	5462.55	5263.36	5321.79	5349.23	1.91	ppb
Zirconium	90-1	471.28	477.17	482.74	477.06	1.20	ppb
Zirconium	91-1	479.79	474.62	489.40	481.27	1.56	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:56:57	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51308.81	50553.56	50415.88	50759.42	0.95	ppb
Antimony	121-1	481.29	463.88	468.65	471.27	1.91	ppb
Arsenic	75-2	486.33	487.97	468.87	481.05	2.20	ppb
Barium	135-1	2448.11	2372.46	2350.17	2390.24	2.15	ppb
Barium	137-1	2455.02	2373.50	2334.97	2387.83	2.57	ppb
Beryllium	9-1	499.62	486.92	501.56	496.03	1.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	491.01	502.40	530.07	507.83	3.96	ppb
Boron	11-1	530.79	549.95	572.41	551.05	3.78	ppb
Bromine	81-1						cps
Cadmium	111-1	458.75	447.95	444.58	450.43	1.64	ppb
Cadmium	106-1	479.38	460.25	476.03	471.89	2.16	ppb
Cadmium	108-1	474.92	469.20	469.01	471.05	0.71	ppb
Calcium	43-1	235263.91	231054.92	231829.47	232716.10	0.96	ppb
Calcium	44-1	235593.91	230970.86	231895.99	232820.25	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.35	471.85	469.88	473.69	1.05	ppb
Cobalt	59-2	482.93	486.28	481.91	483.71	0.47	ppb
Copper	63-2	4947.51	4832.89	4753.72	4844.71	2.01	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				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	125798.44	124145.78	124383.68	124775.97	0.72	ppb
Iron	56-2	130107.73	125358.52	123304.85	126257.03	2.76	ppb
Iron	57-2	125192.32	123616.29	122526.79	123778.47	1.08	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:56:57	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2511.94	2442.63	2412.59	2455.72	2.07	ppb
Lead	207-1	2496.51	2426.79	2363.08	2428.79	2.75	ppb
Lead	208-1	2506.01	2431.04	2390.33	2442.46	2.40	ppb
Lithium	6-1				111		%
Magnesium	24-2	266103.22	261160.54	264932.07	264065.28	0.98	ppb
Manganese	55-2	5013.16	4961.76	4846.00	4940.30	1.73	ppb
Molybdenum	94-1	2465.52	2405.56	2391.33	2420.80	1.63	ppb
Molybdenum	95-1	2467.14	2413.21	2390.60	2423.65	1.62	ppb
Molybdenum	96-1	2496.66	2371.66	2371.54	2413.29	2.99	ppb
Molybdenum	97-1	2516.04	2361.40	2404.43	2427.29	3.29	ppb
Molybdenum	98-1	2526.20	2386.55	2408.29	2440.35	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.23	464.65	468.79	470.56	1.48	ppb
Phosphorus	31-2	9930.28	9816.19	9715.78	9820.75	1.09	ppb
Potassium	39-2	127801.19	125880.12	123806.79	125829.36	1.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	82-1	465.58	451.32	457.57	458.16	1.56	ppb
Selenium	77-2	521.00	547.63	504.90	524.51	4.11	ppb
Selenium	78-2	485.80	487.00	469.12	480.64	2.08	ppb
Silicon	28-1	465.47	389.81	466.86	440.71	10.00	ppb
Silver	107-1	480.73	470.48	474.79	475.33	1.08	ppb
Silver	109-1	484.73	463.39	468.12	472.08	2.37	ppb
Sodium	23-2	256383.02	249376.25	249906.84	251888.71	1.55	ppb
Strontium	86-1	4983.63	4801.32	4790.19	4858.38	2.24	ppb
Strontium	88-1	4968.16	4809.77	4838.76	4872.23	1.73	ppb
Sulfur	34-1	11039.10	10079.13	10366.87	10495.03	4.69	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	506.36	499.62	483.17	496.38	2.40	ppb
Thallium	205-1	505.04	494.44	479.25	492.91	2.63	ppb
Tin	118-1	484.26	478.43	475.96	479.55	0.89	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:56:57	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2459.24	2398.88	2420.14	2426.08	1.26	ppb
Uranium	238-1	509.89	486.41	493.46	496.59	2.43	ppb
Vanadium	51-2	483.53	469.46	469.73	474.24	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	5152.40	5124.95	5058.87	5112.07	0.94	ppb
Zirconium	90-1	494.33	482.39	478.67	485.13	1.69	ppb
Zirconium	91-1	495.31	488.97	495.68	493.32	0.77	ppb

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 16:04:29 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.20	2.17	2.12	2.16	1.71	ppb
Antimony	121-1	0.06	0.08	0.08	0.07	15.42	ppb
Arsenic	75-2	0.03	-0.01	-0.02	0.00	950.08	ppb
Barium	135-1	0.08	0.07	0.02	0.06	50.48	ppb
Barium	137-1	0.08	0.07	0.08	0.08	11.92	ppb
Beryllium	9-1	0.04	0.02	0.04	0.04	29.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	27.93	26.61	26.45	27.00	3.02	ppb
Boron	11-1	31.01	27.68	28.96	29.22	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.02	0.00	0.02	93.58	ppb
Cadmium	106-1	1.37	0.44	-1.03	0.26	469.17	ppb
Cadmium	108-1	-0.06	-0.15	-0.12	-0.11		ppb
Calcium	43-1	7.13	7.00	6.03	6.72	8.95	ppb
Calcium	44-1	8.64	6.28	9.68	8.20	21.23	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	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	2401.41	ppb
Copper	63-2	0.12	0.16	0.15	0.14	15.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	1.98	2.10	0.97	1.68	37.03	ppb
Iron	56-2	2.65	2.82	2.67	2.71	3.50	ppb
Iron	57-2	3.82	2.86	1.94	2.87	32.80	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 16:04:29	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.21	0.28	0.26	17.36	ppb
Lead	207-1	0.27	0.22	0.23	0.24	11.25	ppb
Lead	208-1	0.29	0.22	0.23	0.25	13.61	ppb
Lithium	6-1				110		%
Magnesium	24-2	7.90	6.18	6.69	6.93	12.74	ppb
Manganese	55-2	0.12	0.13	0.16	0.14	15.68	ppb
Molybdenum	94-1	0.07	0.10	0.03	0.06	57.51	ppb
Molybdenum	95-1	0.12	0.12	0.08	0.11	21.34	ppb
Molybdenum	96-1	0.08	0.07	0.09	0.08	12.82	ppb
Molybdenum	97-1	0.09	0.13	0.10	0.11	21.03	ppb
Molybdenum	98-1	0.11	0.09	0.09	0.10	13.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	0.00	0.02	172.88	ppb
Phosphorus	31-2	4.07	4.87	-33.56	-8.21		ppb
Potassium	39-2	13.00	12.50	13.06	12.85	2.39	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	-0.07	0.02	-0.42	-0.16		ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.36	-0.47	-0.07	-0.30		ppb
Silicon	28-1	-25.08	-115.98	-13.43	-51.50		ppb
Silver	107-1	0.12	0.10	0.05	0.09	36.29	ppb
Silver	109-1	0.10	0.08	0.07	0.08	20.69	ppb
Sodium	23-2	35.55	37.38	35.33	36.09	3.11	ppb
Strontium	86-1	0.09	0.02	0.05	0.05	60.65	ppb
Strontium	88-1	0.16	0.16	0.14	0.16	8.36	ppb
Sulfur	34-1	-922.58	-1129.30	-948.18	-1000.02		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.02	-0.06	-0.03		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	94.07	ppb
Tin	118-1	-0.04	-0.01	0.28	0.08	231.38	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 16:04:29	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.02	0.03	0.03	18.18	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	38.20	ppb
Vanadium	51-2	0.01	0.02	0.03	0.02	50.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.55	0.52	0.40	0.49	16.68	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	43.31	ppb
Zirconium	91-1	0.04	0.01	0.02	0.03	56.36	ppb

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:06:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	87	86	84	6.51	cps
Antimony	121-1	83	42	42	56	43.30	cps
Arsenic	75-2	5	8	7	7	22.91	cps
Barium	135-1	17	25	33	25	33.32	cps
Barium	137-1	17	8	58	28	96.44	cps
Beryllium	9-1	40	48	28	39	26.04	cps
Bismuth	209-1	5725085	6005062	6071162	5933770	3.10	cps
Bismuth	209-2	2679886	2860379	2731170	2757145	3.37	cps
Boron	10-1	810	744	750	768	4.75	cps
Boron	11-1	3188	3316	3426	3310	3.60	cps
Bromine	81-1	23855	22812	21980	22882	4.11	cps
Cadmium	111-1	787	743	723	751	4.33	cps
Cadmium	106-1	3742	3709	3701	3717	0.59	cps
Cadmium	108-1	17	33	54	35	54.11	cps
Calcium	43-1	207	195	194	199	3.68	cps
Calcium	44-1	27442	27740	27976	27719	0.97	cps
Carbon	12-1	5403634	5412533	5442524	5419563	0.38	cps
Carbon	12-2	53883	55840	54954	54892	1.79	cps
Chlorine	35-1	391597	392332	393343	392424	0.22	cps
Chlorine	35-2	2309	2359	2575	2414	5.87	cps
Chromium	52-2	810	777	830	806	3.34	cps
Cobalt	59-2	107	107	63	92	27.13	cps
Copper	63-2	370	323	367	353	7.37	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	75	125	83	94	28.36	cps
Gadolinium	160-2	13	23	27	21	32.88	cps
Holmium	165-1	9749222	10312549	10385642	10149138	3.43	cps
Holmium	165-2	3864316	3951871	3928874	3915021	1.16	cps
Indium	115-1	8915790	9503775	9553564	9324376	3.80	cps
Indium	115-2	1170926	1210830	1191329	1191028	1.68	cps
Iron	54-2	478	406	306	396	21.82	cps
Iron	56-2	2234	2156	2128	2172	2.52	cps
Iron	57-2	72	72	56	67	14.43	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:06:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1127	1103	1111	1.21	cps
Lead	206-1	472	422	583	493	16.74	cps
Lead	207-1	344	428	444	406	13.21	cps
Lead	208-1	1883	2006	2156	2015	6.77	cps
Lithium	6-1	4680232	4975185	4948665	4868027	3.35	cps
Magnesium	24-2	142	158	167	156	8.18	cps
Manganese	55-2	87	67	67	73	15.75	cps
Molybdenum	94-1	317	267	300	294	8.65	cps
Molybdenum	95-1	25	17	33	25	33.32	cps
Molybdenum	96-1	108	192	75	125	48.07	cps
Molybdenum	97-1	8	17	17	14	34.67	cps
Molybdenum	98-1	100	50	33	61	56.78	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	27	27	47	33	34.64	cps
Phosphorus	31-2	100	150	83	111	31.22	cps
Potassium	39-2	17286	17461	17619	17455	0.96	cps
Rhodium	103-1	8463648	9071016	9089947	8874870	4.01	cps
Rhodium	103-2	3438899	3616850	3531068	3528939	2.52	cps
Scandium	45-1	6632832	7000626	7019124	6884194	3.16	cps
Scandium	45-2	180750	188633	186118	185167	2.17	cps
Selenium	82-1	370	407	457	411	10.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	55	48	44	32.10	cps
Silicon	28-1	10584678	10564117	10608664	10585820	0.21	cps
Silver	107-1	67	58	25	50	44.10	cps
Silver	109-1	25	42	17	28	45.82	cps
Sodium	23-2	14516	14558	14291	14455	0.99	cps
Strontium	86-1	1725	1917	2092	1911	9.60	cps
Strontium	88-1	250	250	175	225	19.24	cps
Sulfur	34-1	447759	455158	450660	451192	0.83	cps
Terbium	159-1	10319586	11006679	11004104	10776790	3.67	cps
Terbium	159-2	3863841	4025359	3940303	3943168	2.05	cps
Thallium	203-1	950	1092	1100	1047	8.05	cps
Thallium	205-1	2192	2184	2359	2245	4.40	cps
Tin	118-1	1017	1067	908	997	8.12	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:06:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	250	283	244	17.16	cps
Uranium	238-1	25	25	33	28	17.31	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Ytterbium	172-1	8	42	17	22	78.07	cps
Ytterbium	172-2	17	11	6	11	49.99	cps
Ytterbium	176-1	1467	1550	1392	1470	5.39	cps
Ytterbium	176-2	1006	1083	1056	1048	3.76	cps
Yttrium	89-1	12629269	13364138	13448692	13147366	3.43	cps
Yttrium	89-2	1140222	1189919	1186943	1172362	2.38	cps
Zinc	66-2	201	207	188	199	4.82	cps
Zirconium	90-1	767	642	767	725	9.95	cps
Zirconium	91-1	150	142	100	131	20.52	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:12:18 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1179	1176	1202	1186	1.22	cps
Antimony	121-1	12247	12498	13023	12589	3.15	cps
Arsenic	75-2	171	159	181	170	6.47	cps
Barium	135-1	16010	16819	17245	16691	3.76	cps
Barium	137-1	27912	28948	28573	28478	1.84	cps
Beryllium	9-1	2522	2624	2606	2584	2.11	cps
Bismuth	209-1	5921137	5925105	5980866	5942369	0.56	cps
Bismuth	209-2	2813229	2723384	2786165	2774260	1.66	cps
Boron	10-1	6462	6944	7240	6882	5.71	cps
Boron	11-1	29111	31022	32403	30846	5.36	cps
Bromine	81-1	22501	23213	22762	22825	1.58	cps
Cadmium	111-1	2278	2334	2529	2380	5.53	cps
Cadmium	106-1	3917	3884	4159	3987	3.77	cps
Cadmium	108-1	133	175	183	164	16.34	cps
Calcium	43-1	12719	12452	12454	12542	1.22	cps
Calcium	44-1	230345	231231	231276	230951	0.23	cps
Carbon	12-1	5480169	5535076	5587216	5534154	0.97	cps
Carbon	12-2	57931	56751	56007	56897	1.71	cps
Chlorine	35-1	391792	398398	395674	395288	0.84	cps
Chlorine	35-2	2567	2534	2667	2589	2.68	cps
Chromium	52-2	4567	4727	4557	4617	2.07	cps
Cobalt	59-2	3400	3574	3527	3500	2.56	cps
Copper	63-2	5208	4991	5054	5084	2.19	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	83	33	56	45.83	cps
Erbium	164-2	13	27	23	21	32.88	cps
Gadolinium	160-1	33	100	92	75	48.44	cps
Gadolinium	160-2	20	30	30	27	21.65	cps
Holmium	165-1	10038862	10170433	10263531	10157609	1.11	cps
Holmium	165-2	3953940	3921873	3982793	3952869	0.77	cps
Indium	115-1	9310603	9194599	9344375	9283192	0.85	cps
Indium	115-2	1208608	1197375	1205372	1203785	0.48	cps
Iron	54-2	4523	4640	4540	4567	1.38	cps
Iron	56-2	77548	78554	78337	78146	0.68	cps
Iron	57-2	1939	1928	1972	1946	1.19	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:12:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	983	1003	987	1.55	cps
Lead	206-1	5068	4907	5123	5033	2.24	cps
Lead	207-1	4062	4056	4317	4145	3.60	cps
Lead	208-1	19350	19278	19100	19243	0.67	cps
Lithium	6-1	4966880	5058375	4853488	4959581	2.07	cps
Magnesium	24-2	75805	77079	77582	76822	1.19	cps
Manganese	55-2	973	960	963	966	0.72	cps
Molybdenum	94-1	15526	15709	16268	15834	2.44	cps
Molybdenum	95-1	19840	19281	19606	19575	1.43	cps
Molybdenum	96-1	20566	22168	21609	21448	3.79	cps
Molybdenum	97-1	11864	12006	12189	12019	1.36	cps
Molybdenum	98-1	30000	30325	29766	30030	0.94	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1120	980	1067	1056	6.69	cps
Phosphorus	31-2	125	158	100	128	22.91	cps
Potassium	39-2	68010	68706	69091	68602	0.80	cps
Rhodium	103-1	9023401	8985832	9090905	9033379	0.59	cps
Rhodium	103-2	3597737	3573128	3579989	3583618	0.35	cps
Scandium	45-1	7044555	6800379	7028359	6957764	1.96	cps
Scandium	45-2	190099	189126	188263	189163	0.49	cps
Selenium	82-1	1187	1237	1210	1211	2.07	cps
Selenium	77-2	17	13	13	14	13.35	cps
Selenium	78-2	100	104	105	103	2.57	cps
Silicon	28-1	10647141	10511660	10551454	10570085	0.66	cps
Silver	107-1	8853	8628	8761	8747	1.30	cps
Silver	109-1	8078	8411	8361	8283	2.17	cps
Sodium	23-2	163812	160704	164296	162937	1.20	cps
Strontium	86-1	4709	4092	4392	4398	7.01	cps
Strontium	88-1	22051	22527	20958	21845	3.68	cps
Sulfur	34-1	449727	452327	455763	452606	0.67	cps
Terbium	159-1	10708164	10848782	10634583	10730510	1.01	cps
Terbium	159-2	3993716	3984592	3932073	3970127	0.84	cps
Thallium	203-1	6135	6118	6293	6182	1.56	cps
Thallium	205-1	15568	15201	15335	15368	1.21	cps
Tin	118-1	28614	28681	29474	28923	1.65	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:12:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5893	6502	6327	6240	5.02	cps
Uranium	238-1	16695	16119	16703	16506	2.03	cps
Vanadium	51-2	7282	7369	7282	7311	0.68	cps
Ytterbium	172-1	17	17	8	14	34.67	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	1408	1592	1375	1458	8.00	cps
Ytterbium	176-2	811	1006	878	898	11.00	cps
Yttrium	89-1	13509316	12997090	12993784	13166730	2.25	cps
Yttrium	89-2	1197286	1187450	1190069	1191602	0.43	cps
Zinc	66-2	845	777	758	793	5.74	cps
Zirconium	90-1	12923	14158	13549	13543	4.56	cps
Zirconium	91-1	2775	2942	2984	2900	3.80	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:15:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52998	51653	52579	52410	1.31	cps
Antimony	121-1	313413	320042	320066	317840	1.21	cps
Arsenic	75-2	8503	8634	8632	8589	0.87	cps
Barium	135-1	408528	411775	408239	409514	0.48	cps
Barium	137-1	707905	722040	706251	712065	1.22	cps
Beryllium	9-1	122787	124495	123136	123473	0.73	cps
Bismuth	209-1	6122623	6114492	6047806	6094974	0.67	cps
Bismuth	209-2	2822651	2828190	2838735	2829859	0.29	cps
Boron	10-1	11993	12599	13640	12744	6.54	cps
Boron	11-1	53320	57328	59243	56630	5.34	cps
Bromine	81-1	22732	22722	22812	22755	0.22	cps
Cadmium	111-1	86950	87651	84380	86327	1.99	cps
Cadmium	106-1	13691	13832	13073	13532	2.98	cps
Cadmium	108-1	6706	6710	7073	6830	3.08	cps
Calcium	43-1	104112	102862	102817	103263	0.71	cps
Calcium	44-1	1878241	1923156	1849675	1883691	1.97	cps
Carbon	12-1	5507183	5554102	5542795	5534693	0.44	cps
Carbon	12-2	57362	56769	58283	57472	1.33	cps
Chlorine	35-1	358382	360543	360436	359787	0.34	cps
Chlorine	35-2	2350	2409	2325	2361	1.81	cps
Chromium	52-2	94570	92439	92661	93224	1.26	cps
Cobalt	59-2	164102	164257	164813	164390	0.23	cps
Copper	63-2	1245537	1240097	1230233	1238622	0.63	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	33	100	42	58	62.27	cps
Erbium	164-2	10	27	13	17	52.93	cps
Gadolinium	160-1	100	108	142	117	18.90	cps
Gadolinium	160-2	20	30	33	28	24.98	cps
Holmium	165-1	10490479	10606892	10616858	10571410	0.66	cps
Holmium	165-2	4032130	4083057	4037210	4050799	0.69	cps
Indium	115-1	9623270	9591343	9396187	9536933	1.29	cps
Indium	115-2	1239736	1230124	1231356	1233739	0.42	cps
Iron	54-2	204667	202492	204442	203867	0.59	cps
Iron	56-2	3772785	3790310	3739633	3767576	0.68	cps
Iron	57-2	92627	89770	90022	90806	1.74	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:15:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1010	1077	1057	3.84	cps
Lead	206-1	1090613	1104970	1106777	1100787	0.80	cps
Lead	207-1	959569	962306	960640	960838	0.14	cps
Lead	208-1	4549343	4566249	4502205	4539266	0.73	cps
Lithium	6-1	5037989	4983228	5010979	5010732	0.55	cps
Magnesium	24-2	796940	782651	792628	790739	0.93	cps
Manganese	55-2	468425	461305	460981	463570	0.91	cps
Molybdenum	94-1	775317	793128	771536	779994	1.48	cps
Molybdenum	95-1	943660	949624	940360	944548	0.50	cps
Molybdenum	96-1	1059346	1050673	1054173	1054731	0.41	cps
Molybdenum	97-1	582057	596751	595558	591455	1.38	cps
Molybdenum	98-1	1566751	1577956	1553906	1566204	0.77	cps
Neodymium	150-1	13	13	60	29	93.28	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	44509	44954	44837	44767	0.51	cps
Phosphorus	31-2	2817	2884	2892	2864	1.44	cps
Potassium	39-2	276504	274515	276874	275964	0.46	cps
Rhodium	103-1	9152761	9090323	9016503	9086529	0.75	cps
Rhodium	103-2	3662357	3734399	3586447	3661068	2.02	cps
Scandium	45-1	7074799	7280043	7038716	7131186	1.83	cps
Scandium	45-2	190491	193452	191606	191850	0.78	cps
Selenium	82-1	7606	7584	7607	7599	0.17	cps
Selenium	77-2	140	183	137	153	16.98	cps
Selenium	78-2	691	668	664	674	2.16	cps
Silicon	28-1	10641119	10675700	10850555	10722458	1.05	cps
Silver	107-1	457146	456661	449320	454376	0.97	cps
Silver	109-1	433921	426836	434350	431702	0.98	cps
Sodium	23-2	1549545	1504575	1546989	1533703	1.65	cps
Strontium	86-1	1267378	1272706	1244846	1261643	1.17	cps
Strontium	88-1	10907428	10887312	10892916	10895886	0.10	cps
Sulfur	34-1	501535	509255	505904	505565	0.77	cps
Terbium	159-1	11203888	11019844	11094985	11106239	0.83	cps
Terbium	159-2	4035031	4070105	4115653	4073596	0.99	cps
Thallium	203-1	268630	271414	270652	270232	0.53	cps
Thallium	205-1	635130	660711	646034	647291	1.98	cps
Tin	118-1	285148	291464	287256	287956	1.12	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:15:24	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	297908	298141	292981	296343	0.98	cps
Uranium	238-1	831830	834239	829832	831967	0.27	cps
Vanadium	51-2	73286	73628	72328	73081	0.92	cps
Ytterbium	172-1	25	42	8	25	66.68	cps
Ytterbium	172-2	0	0	17	6	173.21	cps
Ytterbium	176-1	1650	1383	1583	1539	9.02	cps
Ytterbium	176-2	789	883	894	856	6.78	cps
Yttrium	89-1	13586847	13454810	13468133	13503263	0.54	cps
Yttrium	89-2	1236474	1226053	1213540	1225356	0.94	cps
Zinc	66-2	145566	145545	145137	145416	0.17	cps
Zirconium	90-1	641981	651316	646320	646539	0.72	cps
Zirconium	91-1	140496	145233	145825	143851	2.03	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:18:27 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129212	127725	126893	127943	0.92	cps
Antimony	121-1	786512	796258	801644	794805	0.97	cps
Arsenic	75-2	21391	21482	21200	21358	0.68	cps
Barium	135-1	1034953	1034166	1044828	1037982	0.57	cps
Barium	137-1	1850534	1860869	1819630	1843678	1.16	cps
Beryllium	9-1	303165	308543	308414	306707	1.00	cps
Bismuth	209-1	6019310	6129933	6189837	6113026	1.42	cps
Bismuth	209-2	2831462	2839721	2877606	2849596	0.86	cps
Boron	10-1	28352	30844	31497	30231	5.49	cps
Boron	11-1	125266	134493	139079	132946	5.29	cps
Bromine	81-1	23093	20757	21759	21870	5.36	cps
Cadmium	111-1	213918	212494	220229	215547	1.91	cps
Cadmium	106-1	27603	27511	27578	27564	0.17	cps
Cadmium	108-1	16923	17182	16986	17030	0.79	cps
Calcium	43-1	258240	255553	256463	256752	0.53	cps
Calcium	44-1	4467070	4554408	4702928	4574802	2.61	cps
Carbon	12-1	5584028	5471270	5595782	5550360	1.24	cps
Carbon	12-2	57940	57605	56041	57196	1.77	cps
Chlorine	35-1	363414	365012	365036	364487	0.26	cps
Chlorine	35-2	2025	2125	2050	2067	2.52	cps
Chromium	52-2	230063	229615	226765	228814	0.78	cps
Cobalt	59-2	412648	404299	408788	408578	1.02	cps
Copper	63-2	3109428	3151633	3104198	3121753	0.83	cps
Dysprosium	156-1	50	92	67	69	30.20	cps
Dysprosium	156-2	27	30	53	37	39.62	cps
Erbium	164-1	100	58	75	78	26.96	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	108	100	175	128	32.17	cps
Gadolinium	160-2	47	47	47	47	0.00	cps
Holmium	165-1	10228567	10699122	10692321	10540003	2.56	cps
Holmium	165-2	4017113	4127038	4053668	4065940	1.38	cps
Indium	115-1	9424710	9504376	9568989	9499358	0.76	cps
Indium	115-2	1233950	1223569	1216205	1224574	0.73	cps
Iron	54-2	512308	509224	508336	509956	0.41	cps
Iron	56-2	9496866	9307948	9063863	9289559	2.34	cps
Iron	57-2	227960	225269	225083	226104	0.71	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:18:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1057	960	1014	4.88	cps
Lead	206-1	2977480	2955423	2947912	2960272	0.52	cps
Lead	207-1	2600489	2557165	2595459	2584371	0.92	cps
Lead	208-1	11701984	11648068	11792748	11714267	0.62	cps
Lithium	6-1	4988142	5225256	5113595	5108998	2.32	cps
Magnesium	24-2	2024366	1938879	1925549	1962931	2.73	cps
Manganese	55-2	1171429	1150706	1161676	1161270	0.89	cps
Molybdenum	94-1	2010393	2025063	2017448	2017635	0.36	cps
Molybdenum	95-1	2493712	2491183	2453999	2479631	0.90	cps
Molybdenum	96-1	2730876	2797200	2737842	2755306	1.32	cps
Molybdenum	97-1	1517725	1517506	1510481	1515237	0.27	cps
Molybdenum	98-1	3938463	3856609	3862132	3885735	1.18	cps
Neodymium	150-1	67	93	47	69	33.99	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	111220	110982	113381	111861	1.18	cps
Phosphorus	31-2	6385	6877	6777	6680	3.89	cps
Potassium	39-2	670444	666237	656825	664502	1.05	cps
Rhodium	103-1	9019344	9209808	9173454	9134202	1.11	cps
Rhodium	103-2	3616500	3544056	3552334	3570963	1.11	cps
Scandium	45-1	6987602	7159948	7416896	7188148	3.01	cps
Scandium	45-2	194605	191909	188713	191742	1.54	cps
Selenium	82-1	18645	17988	18407	18347	1.81	cps
Selenium	77-2	530	380	400	437	18.65	cps
Selenium	78-2	1483	1571	1445	1500	4.31	cps
Silicon	28-1	11138871	11129694	11104989	11124518	0.16	cps
Silver	107-1	1136339	1129594	1129248	1131727	0.35	cps
Silver	109-1	1080189	1090377	1096433	1088999	0.75	cps
Sodium	23-2	3665643	3693412	3685091	3681382	0.39	cps
Strontium	86-1	3258948	3120412	3106804	3162055	2.66	cps
Strontium	88-1	27149000	27077195	26911731	27045975	0.45	cps
Sulfur	34-1	570109	573457	573129	572232	0.32	cps
Terbium	159-1	10902236	11465884	10994168	11120763	2.72	cps
Terbium	159-2	4046163	4109467	4014264	4056631	1.19	cps
Thallium	203-1	684657	676866	691465	684330	1.07	cps
Thallium	205-1	1695362	1712359	1603934	1670551	3.49	cps
Tin	118-1	718652	716822	711507	715660	0.52	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:18:27	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	750547	738417	743289	744085	0.82	cps
Uranium	238-1	2161801	2183921	2239500	2195074	1.82	cps
Vanadium	51-2	182661	181242	181462	181788	0.42	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	0	0	11	4	173.21	cps
Ytterbium	176-1	1358	1567	1417	1447	7.43	cps
Ytterbium	176-2	789	767	756	770	2.20	cps
Yttrium	89-1	13472639	13493296	13502852	13489596	0.11	cps
Yttrium	89-2	1228346	1227327	1201844	1219172	1.23	cps
Zinc	66-2	360934	361024	357686	359881	0.53	cps
Zirconium	90-1	1673035	1677060	1650500	1666865	0.86	cps
Zirconium	91-1	367256	359649	366120	364342	1.13	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:21:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261876	260170	254014	258686	1.60	cps
Antimony	121-1	1646572	1648915	1599292	1631593	1.72	cps
Arsenic	75-2	42982	43030	42565	42859	0.60	cps
Barium	135-1	2162206	2142255	2119815	2141425	0.99	cps
Barium	137-1	3613744	3668411	3593486	3625214	1.07	cps
Beryllium	9-1	606421	613100	611422	610314	0.57	cps
Bismuth	209-1	6086563	6144005	6067800	6099456	0.65	cps
Bismuth	209-2	2810410	2831087	2786914	2809471	0.79	cps
Boron	10-1	56581	60195	62923	59900	5.31	cps
Boron	11-1	252756	271513	284489	269586	5.92	cps
Bromine	81-1	22481	22592	22802	22625	0.72	cps
Cadmium	111-1	425072	423658	430428	426386	0.84	cps
Cadmium	106-1	52016	52342	52551	52303	0.52	cps
Cadmium	108-1	33654	33871	33223	33583	0.98	cps
Calcium	43-1	514007	518039	517857	516634	0.44	cps
Calcium	44-1	8839704	9150484	8879368	8956518	1.89	cps
Carbon	12-1	5661100	5701495	5687309	5683301	0.36	cps
Carbon	12-2	60324	61596	60868	60930	1.05	cps
Chlorine	35-1	341125	343926	338981	341344	0.73	cps
Chlorine	35-2	2309	2092	2100	2167	5.67	cps
Chromium	52-2	463589	460671	453934	459398	1.08	cps
Cobalt	59-2	822085	834797	812278	823053	1.37	cps
Copper	63-2	6294144	6207440	6107201	6202929	1.51	cps
Dysprosium	156-1	167	142	117	142	17.65	cps
Dysprosium	156-2	47	40	27	38	26.95	cps
Erbium	164-1	50	67	133	83	52.92	cps
Erbium	164-2	30	27	13	23	37.81	cps
Gadolinium	160-1	175	150	158	161	7.90	cps
Gadolinium	160-2	80	73	57	70	17.17	cps
Holmium	165-1	10618468	10776592	10624762	10673274	0.84	cps
Holmium	165-2	4194588	4195383	4089707	4159892	1.46	cps
Indium	115-1	9502114	9577001	9483424	9520846	0.52	cps
Indium	115-2	1230176	1238526	1195192	1221298	1.88	cps
Iron	54-2	1020837	1020145	1015963	1018981	0.26	cps
Iron	56-2	19084353	18495455	18450830	18676879	1.89	cps
Iron	57-2	454128	453311	447214	451551	0.84	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:21:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1167	1050	1133	1117	5.38	cps
Lead	206-1	5733553	5928532	5721491	5794526	2.01	cps
Lead	207-1	5064228	5030708	4938283	5011073	1.30	cps
Lead	208-1	23091927	23265108	22649592	23002209	1.38	cps
Lithium	6-1	4974444	5025825	5056674	5018981	0.83	cps
Magnesium	24-2	4021157	3877996	3851827	3916993	2.33	cps
Manganese	55-2	2396925	2368029	2393717	2386224	0.66	cps
Molybdenum	94-1	3900322	3942011	3922337	3921557	0.53	cps
Molybdenum	95-1	4793807	4846746	4830152	4823569	0.56	cps
Molybdenum	96-1	5411499	5447690	5396886	5418692	0.48	cps
Molybdenum	97-1	2967049	3019932	2991298	2992760	0.88	cps
Molybdenum	98-1	7723111	7705795	7599575	7676160	0.87	cps
Neodymium	150-1	173	227	140	180	24.29	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	224549	221262	222842	222884	0.74	cps
Phosphorus	31-2	13640	13632	14166	13812	2.21	cps
Potassium	39-2	1340645	1345987	1322110	1336248	0.94	cps
Rhodium	103-1	9104940	9116236	8979122	9066766	0.84	cps
Rhodium	103-2	3552789	3643909	3505007	3567235	1.98	cps
Scandium	45-1	6876180	7087950	7138854	7034328	1.98	cps
Scandium	45-2	191495	193006	187647	190716	1.45	cps
Selenium	82-1	34898	36031	35515	35481	1.60	cps
Selenium	77-2	830	803	840	824	2.30	cps
Selenium	78-2	2967	3079	2980	3008	2.04	cps
Silicon	28-1	11804129	11734467	11895042	11811213	0.68	cps
Silver	107-1	2312051	2343257	2383723	2346344	1.53	cps
Silver	109-1	2175298	2210509	2155742	2180516	1.27	cps
Sodium	23-2	7619757	7478001	7318674	7472144	2.02	cps
Strontium	86-1	6375517	6433516	6252797	6353943	1.45	cps
Strontium	88-1	54897737	55139230	54382999	54806655	0.70	cps
Sulfur	34-1	681991	670961	669374	674109	1.02	cps
Terbium	159-1	11139101	11366028	11023252	11176127	1.56	cps
Terbium	159-2	4119102	4181549	4112533	4137728	0.92	cps
Thallium	203-1	1364348	1361118	1366675	1364047	0.20	cps
Thallium	205-1	3299891	3340490	3245211	3295197	1.45	cps
Tin	118-1	1446311	1445684	1425253	1439083	0.83	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:21:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1448350	1487886	1498016	1478084	1.78	cps
Uranium	238-1	4308222	4346478	4369713	4341471	0.72	cps
Vanadium	51-2	367220	368042	359501	364921	1.29	cps
Ytterbium	172-1	17	25	8	17	50.01	cps
Ytterbium	172-2	6	17	28	17	66.65	cps
Ytterbium	176-1	1383	1567	1550	1500	6.76	cps
Ytterbium	176-2	733	700	689	707	3.27	cps
Yttrium	89-1	13798241	13626040	13630086	13684789	0.72	cps
Yttrium	89-2	1216948	1227887	1193841	1212892	1.43	cps
Zinc	66-2	719911	716611	708921	715147	0.79	cps
Zirconium	90-1	3332097	3299076	3319174	3316782	0.50	cps
Zirconium	91-1	717256	733241	724298	724932	1.11	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:24:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	504100	505388	499770	503086	0.58	cps
Antimony	121-1	3222571	3272274	3205157	3233334	1.08	cps
Arsenic	75-2	84001	83634	83715	83783	0.23	cps
Barium	135-1	4164206	4178295	4267313	4203272	1.33	cps
Barium	137-1	6908126	7178051	7168657	7084944	2.16	cps
Beryllium	9-1	1182581	1195731	1218390	1198901	1.51	cps
Bismuth	209-1	6069501	5982253	6119554	6057103	1.15	cps
Bismuth	209-2	2724311	2736315	2747125	2735917	0.42	cps
Boron	10-1	111130	119498	122355	117661	4.96	cps
Boron	11-1	505459	538808	556115	533461	4.83	cps
Bromine	81-1	22401	22832	22301	22511	1.25	cps
Cadmium	111-1	832414	821740	856927	837027	2.16	cps
Cadmium	106-1	97276	96379	99039	97565	1.39	cps
Cadmium	108-1	64044	64726	64174	64314	0.56	cps
Calcium	43-1	1056443	1055315	1040797	1050851	0.83	cps
Calcium	44-1	17557194	18029168	17963838	17850067	1.43	cps
Carbon	12-1	6177456	6344485	6455477	6325806	2.21	cps
Carbon	12-2	67681	68343	67297	67774	0.78	cps
Chlorine	35-1	321392	321524	320662	321193	0.14	cps
Chlorine	35-2	1925	2084	2167	2059	5.96	cps
Chromium	52-2	897313	900459	888834	895535	0.67	cps
Cobalt	59-2	1630578	1669290	1626499	1642122	1.44	cps
Copper	63-2	12108758	12245886	11781993	12045546	1.98	cps
Dysprosium	156-1	225	150	192	189	19.90	cps
Dysprosium	156-2	60	80	97	79	23.27	cps
Erbium	164-1	100	117	83	100	16.66	cps
Erbium	164-2	23	27	47	32	39.17	cps
Gadolinium	160-1	250	300	342	297	15.44	cps
Gadolinium	160-2	113	97	120	110	10.92	cps
Holmium	165-1	10848997	10593688	10515947	10652877	1.64	cps
Holmium	165-2	3939809	4064678	3987060	3997182	1.58	cps
Indium	115-1	9386042	9491443	9462336	9446607	0.58	cps
Indium	115-2	1177526	1179467	1189102	1182031	0.52	cps
Iron	54-2	2018721	2028229	2040315	2029088	0.53	cps
Iron	56-2	36676192	36113206	36122669	36304023	0.89	cps
Iron	57-2	890014	876537	883291	883281	0.76	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:24:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1037	1093	1071	2.82	cps
Lead	206-1	11297245	11657952	11665742	11540313	1.82	cps
Lead	207-1	9870653	9966260	9988187	9941700	0.63	cps
Lead	208-1	45250421	45738299	45902884	45630535	0.74	cps
Lithium	6-1	4888103	4937126	4966714	4930648	0.81	cps
Magnesium	24-2	7574274	7566468	7567786	7569509	0.06	cps
Manganese	55-2	4614659	4652719	4568369	4611916	0.92	cps
Molybdenum	94-1	7716308	7763143	7674045	7717832	0.58	cps
Molybdenum	95-1	9616629	9554910	9588871	9586803	0.32	cps
Molybdenum	96-1	10530064	10723496	10664770	10639443	0.93	cps
Molybdenum	97-1	5876910	5809589	5920910	5869136	0.96	cps
Molybdenum	98-1	15389238	15124264	15259512	15257672	0.87	cps
Neodymium	150-1	253	247	227	242	5.73	cps
Neodymium	150-2	7	13	27	16	65.47	cps
Nickel	60-2	430890	431770	434376	432345	0.42	cps
Phosphorus	31-2	26809	27343	27635	27262	1.54	cps
Potassium	39-2	2577713	2550708	2599027	2575816	0.94	cps
Rhodium	103-1	8942768	8831841	8953825	8909478	0.76	cps
Rhodium	103-2	3558408	3497200	3493630	3516413	1.04	cps
Scandium	45-1	7078617	7027867	7118742	7075075	0.64	cps
Scandium	45-2	188486	187673	190324	188828	0.72	cps
Selenium	82-1	68489	68351	69298	68713	0.74	cps
Selenium	77-2	1740	1653	1600	1665	4.25	cps
Selenium	78-2	5676	5697	5781	5718	0.97	cps
Silicon	28-1	13020994	13195978	13090337	13102436	0.67	cps
Silver	107-1	4395742	4501030	4400962	4432578	1.34	cps
Silver	109-1	4225602	4232793	4251587	4236661	0.32	cps
Sodium	23-2	14179980	14556193	14416444	14384206	1.32	cps
Strontium	86-1	12462398	12363886	12472588	12432957	0.48	cps
Strontium	88-1	106108244	107099261	106944277	106717261	0.50	cps
Sulfur	34-1	873841	871636	877799	874425	0.36	cps
Terbium	159-1	10958574	11120914	11165048	11081512	0.98	cps
Terbium	159-2	4028243	4114285	4071674	4071400	1.06	cps
Thallium	203-1	2800439	2799014	2833606	2811020	0.70	cps
Thallium	205-1	6469999	6548839	6659023	6559287	1.45	cps
Tin	118-1	2885096	2944050	2926257	2918467	1.04	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:24:36	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2939201	2922070	2925054	2928775	0.31	cps
Uranium	238-1	8614219	8440692	8752894	8602602	1.82	cps
Vanadium	51-2	718121	718922	708698	715247	0.79	cps
Ytterbium	172-1	17	25	8	17	50.01	cps
Ytterbium	172-2	0	0	17	6	173.21	cps
Ytterbium	176-1	1717	1533	1425	1558	9.46	cps
Ytterbium	176-2	689	828	800	772	9.52	cps
Yttrium	89-1	13321754	13210556	13411045	13314451	0.75	cps
Yttrium	89-2	1197658	1207261	1198964	1201294	0.43	cps
Zinc	66-2	1386570	1376520	1360477	1374522	0.96	cps
Zirconium	90-1	6394846	6531856	6333998	6420234	1.58	cps
Zirconium	91-1	1436738	1487495	1449163	1457799	1.81	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:27:42 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	981945	982238	978364	980849	0.22	cps
Antimony	121-1	6266806	6237282	6273912	6259333	0.31	cps
Arsenic	75-2	161952	162684	163022	162553	0.34	cps
Barium	135-1	8104738	8122429	8236305	8154491	0.88	cps
Barium	137-1	13780074	13978679	14044857	13934537	0.99	cps
Beryllium	9-1	2246641	2274591	2244088	2255107	0.75	cps
Bismuth	209-1	5774495	5779439	5837819	5797251	0.61	cps
Bismuth	209-2	2688909	2718200	2689438	2698849	0.62	cps
Boron	10-1	219822	232720	240431	230991	4.51	cps
Boron	11-1	906675	972599	970356	949877	3.94	cps
Bromine	81-1	23394	23734	22581	23236	2.55	cps
Cadmium	111-1	1651108	1602948	1654173	1636076	1.76	cps
Cadmium	106-1	182244	187856	185267	185122	1.52	cps
Cadmium	108-1	124355	125557	125107	125006	0.49	cps
Calcium	43-1	2020400	2053008	2056500	2043303	0.97	cps
Calcium	44-1	34205112	34765922	35552698	34841244	1.94	cps
Carbon	12-1	7042040	7191939	7228087	7154022	1.38	cps
Carbon	12-2	79096	79833	79465	79465	0.46	cps
Chlorine	35-1	309866	309480	314252	311199	0.85	cps
Chlorine	35-2	1934	2059	1834	1942	5.81	cps
Chromium	52-2	1838271	1821330	1817873	1825825	0.60	cps
Cobalt	59-2	3193512	3237252	3172153	3200973	1.04	cps
Copper	63-2	23361005	23661064	23267333	23429800	0.88	cps
Dysprosium	156-1	392	408	375	392	4.25	cps
Dysprosium	156-2	150	163	170	161	6.32	cps
Erbium	164-1	117	108	125	117	7.14	cps
Erbium	164-2	40	40	67	49	31.50	cps
Gadolinium	160-1	425	392	492	436	11.68	cps
Gadolinium	160-2	143	187	163	164	13.19	cps
Holmium	165-1	10344166	10363972	10440068	10382735	0.49	cps
Holmium	165-2	4081247	4058083	4032888	4057406	0.60	cps
Indium	115-1	9219519	9157538	9210848	9195968	0.36	cps
Indium	115-2	1152865	1170442	1170785	1164698	0.88	cps
Iron	54-2	3963022	4070721	3945157	3992967	1.70	cps
Iron	56-2	71071293	72629660	70412071	71371008	1.60	cps
Iron	57-2	1843822	1840107	1766312	1816747	2.41	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:27:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1170	1173	1133	5.86	cps
Lead	206-1	22203738	22263153	22331412	22266101	0.29	cps
Lead	207-1	19136555	19446564	19373157	19318759	0.84	cps
Lead	208-1	88459248	88322586	88090514	88290783	0.21	cps
Lithium	6-1	4742505	4823066	4799603	4788391	0.87	cps
Magnesium	24-2	14468380	15101181	14746769	14772110	2.15	cps
Manganese	55-2	9053210	9212367	9001485	9089021	1.21	cps
Molybdenum	94-1	15239254	15336158	15310446	15295286	0.33	cps
Molybdenum	95-1	18754016	18950936	18686287	18797080	0.73	cps
Molybdenum	96-1	20910115	21098702	20915040	20974619	0.51	cps
Molybdenum	97-1	11500801	11591377	11471270	11521149	0.54	cps
Molybdenum	98-1	30017634	30034220	29767037	29939631	0.50	cps
Neodymium	150-1	400	467	587	484	19.53	cps
Neodymium	150-2	33	20	13	22	45.83	cps
Nickel	60-2	831824	822740	833328	829297	0.69	cps
Phosphorus	31-2	52019	53006	54035	53020	1.90	cps
Potassium	39-2	4905019	5001415	4929597	4945344	1.01	cps
Rhodium	103-1	8456972	8584108	8618391	8553157	0.99	cps
Rhodium	103-2	3465905	3536284	3471051	3491080	1.12	cps
Scandium	45-1	6701771	6952543	7121633	6925316	3.05	cps
Scandium	45-2	189270	188802	190038	189370	0.33	cps
Selenium	82-1	131381	132671	131747	131933	0.50	cps
Selenium	77-2	3010	3224	3324	3186	5.02	cps
Selenium	78-2	11047	11010	10954	11004	0.43	cps
Silicon	28-1	15384891	15395367	15549141	15443133	0.60	cps
Silver	107-1	8585228	8756471	8463955	8601885	1.71	cps
Silver	109-1	8077750	8039911	8231005	8116222	1.25	cps
Sodium	23-2	28004812	28816792	28297077	28372894	1.45	cps
Strontium	86-1	24269638	24812038	24400110	24493928	1.16	cps
Strontium	88-1	211728913	209597059	211556371	210960781	0.56	cps
Sulfur	34-1	1103287	1090351	1094312	1095983	0.60	cps
Terbium	159-1	10842236	11017214	10899517	10919656	0.82	cps
Terbium	159-2	4134887	4087277	4029593	4083919	1.29	cps
Thallium	203-1	5397080	5421470	5386743	5401764	0.33	cps
Thallium	205-1	12671750	12695948	12450501	12606066	1.07	cps
Tin	118-1	5694843	5600460	5627674	5640992	0.86	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:27:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5623794	5642519	5757181	5674498	1.27	cps
Uranium	238-1	16957521	16844344	16823803	16875223	0.43	cps
Vanadium	51-2	1458251	1475386	1445838	1459825	1.02	cps
Ytterbium	172-1	33	33	17	28	34.63	cps
Ytterbium	172-2	0	17	0	6	173.21	cps
Ytterbium	176-1	1525	1433	1809	1589	12.30	cps
Ytterbium	176-2	678	778	761	739	7.25	cps
Yttrium	89-1	13187102	13275011	13087828	13183314	0.71	cps
Yttrium	89-2	1188606	1201485	1210741	1200277	0.93	cps
Zinc	66-2	2772757	2763116	2753235	2763036	0.35	cps
Zirconium	90-1	12697122	12582696	12623177	12634332	0.46	cps
Zirconium	91-1	2915551	2884092	2888691	2896111	0.59	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:30:46 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4950943	5121690	5141392	5071342	2.07	cps
Antimony	121-1	4643	4834	5001	4826	3.72	cps
Arsenic	75-2	79	72	62	71	12.03	cps
Barium	135-1	3526	3501	3651	3559	2.26	cps
Barium	137-1	6718	6443	5835	6332	7.14	cps
Beryllium	9-1	688	564	542	598	13.16	cps
Bismuth	209-1	5410945	5473468	5484433	5456282	0.73	cps
Bismuth	209-2	2528223	2473283	2567428	2522978	1.87	cps
Boron	10-1	26274	23654	20869	23599	11.45	cps
Boron	11-1	117086	104606	94082	105258	10.94	cps
Bromine	81-1	23253	24196	23865	23771	2.01	cps
Cadmium	111-1	1424	1122	1213	1253	12.35	cps
Cadmium	106-1	4242	3884	3776	3967	6.16	cps
Cadmium	108-1	196	179	179	185	5.21	cps
Calcium	43-1	12309735	12357741	12681143	12449540	1.62	cps
Calcium	44-1	204837491	205748261	211270360	207285371	1.68	cps
Carbon	12-1	6135678	6281331	6476879	6297963	2.72	cps
Carbon	12-2	72278	74254	73107	73213	1.36	cps
Chlorine	35-1	320976	325439	323461	323292	0.69	cps
Chlorine	35-2	2242	2275	2442	2320	4.62	cps
Chromium	52-2	7365	7335	7335	7345	0.24	cps
Cobalt	59-2	4667	4667	4731	4689	0.78	cps
Copper	63-2	10187	9890	10314	10130	2.15	cps
Dysprosium	156-1	1809	1759	1642	1736	4.93	cps
Dysprosium	156-2	720	640	593	651	9.84	cps
Erbium	164-1	350	342	308	333	6.61	cps
Erbium	164-2	107	117	107	110	5.25	cps
Gadolinium	160-1	1758	1934	1992	1895	6.41	cps
Gadolinium	160-2	837	720	917	824	12.00	cps
Holmium	165-1	10312223	10406696	10501205	10406708	0.91	cps
Holmium	165-2	4026109	4066303	4167509	4086640	1.78	cps
Indium	115-1	8847710	9028954	8954917	8943860	1.02	cps
Indium	115-2	1158496	1169715	1211682	1179964	2.38	cps
Iron	54-2	18998832	19257484	19642243	19299520	1.68	cps
Iron	56-2	345168163	351053297	357187908	351136456	1.71	cps
Iron	57-2	8664735	8834600	9050630	8849988	2.19	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:30:46	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1103	1140	1098	4.12	cps
Lead	206-1	22581	22397	21507	22162	2.59	cps
Lead	207-1	20611	19893	20255	20253	1.77	cps
Lead	208-1	91951	89811	88753	90172	1.81	cps
Lithium	6-1	4647933	4709757	4696851	4684847	0.70	cps
Magnesium	24-2	71333775	72900181	74618012	72950656	2.25	cps
Manganese	55-2	5504	5374	5268	5382	2.20	cps
Molybdenum	94-1	6985	6285	5976	6416	8.06	cps
Molybdenum	95-1	7911	8003	7611	7841	2.61	cps
Molybdenum	96-1	17411	16068	16460	16647	4.15	cps
Molybdenum	97-1	4776	4993	4326	4698	7.24	cps
Molybdenum	98-1	12556	11955	10846	11786	7.36	cps
Neodymium	150-1	40	40	80	53	43.30	cps
Neodymium	150-2	20	10	13	14	35.26	cps
Nickel	60-2	2197	2184	2224	2201	0.93	cps
Phosphorus	31-2	150	125	192	156	21.65	cps
Potassium	39-2	24986103	25683696	25739139	25469646	1.65	cps
Rhodium	103-1	8298258	8389416	8364325	8350667	0.56	cps
Rhodium	103-2	3261945	3304512	3439091	3335183	2.77	cps
Scandium	45-1	7003826	7049958	6935252	6996345	0.82	cps
Scandium	45-2	189686	190925	198929	193180	2.60	cps
Selenium	82-1	635	593	603	610	3.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	47	63	45	52	19.10	cps
Silicon	28-1	10586515	10636935	10819389	10680946	1.15	cps
Silver	107-1	4326	3734	3584	3881	10.11	cps
Silver	109-1	3776	3351	3401	3509	6.62	cps
Sodium	23-2	142275774	144933041	145074703	144094506	1.09	cps
Strontium	86-1	12447	12848	12014	12436	3.35	cps
Strontium	88-1	93211	90821	88338	90790	2.68	cps
Sulfur	34-1	403697	401888	404704	403430	0.35	cps
Terbium	159-1	10934331	10963778	11114477	11004195	0.88	cps
Terbium	159-2	4085488	4050615	4079047	4071717	0.46	cps
Thallium	203-1	2742	2217	2192	2384	13.03	cps
Thallium	205-1	5960	5685	5435	5693	4.61	cps
Tin	118-1	3367	3376	3392	3378	0.38	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:30:46	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2200	2159	1834	2064	9.73	cps
Uranium	238-1	3934	4309	3792	4012	6.66	cps
Vanadium	51-2	560	440	557	519	13.17	cps
Ytterbium	172-1	42	33	100	58	62.27	cps
Ytterbium	172-2	17	28	22	22	25.00	cps
Ytterbium	176-1	1275	1367	1617	1420	12.46	cps
Ytterbium	176-2	722	750	661	711	6.40	cps
Yttrium	89-1	13272511	13312396	13325948	13303618	0.21	cps
Yttrium	89-2	1214915	1224553	1272719	1237396	2.50	cps
Zinc	66-2	4813	4793	5008	4871	2.44	cps
Zirconium	90-1	4893	4618	4192	4568	7.72	cps
Zirconium	91-1	992	1025	933	983	4.72	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 13:46:08 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26950	27088	26830	26956	0.48	cps
Antimony	121-1	1305054	1324251	1335175	1321493	1.15	cps
Arsenic	75-2	36549	36920	36658	36709	0.52	cps
Barium	135-1	171770	172793	174769	173111	0.88	cps
Barium	137-1	300180	298376	304534	301030	1.05	cps
Beryllium	9-1	244977	249472	246365	246938	0.93	cps
Bismuth	209-1	6360109	6372657	6197752	6310173	1.55	cps
Bismuth	209-2	2828643	2877212	2901556	2869137	1.29	cps
Boron	10-1	109087	119825	128714	119209	8.24	cps
Boron	11-1	487841	546450	574984	536425	8.28	cps
Bromine	81-1	24256	24467	24396	24373	0.44	cps
Cadmium	111-1	183779	182198	187295	184424	1.41	cps
Cadmium	106-1	37384	38078	38371	37944	1.33	cps
Cadmium	108-1	21204	20440	21112	20919	1.99	cps
Calcium	43-1	57666	57510	59337	58171	1.74	cps
Calcium	44-1	1012385	955663	971258	979769	2.99	cps
Carbon	12-1	5779039	5999209	5992458	5923569	2.11	cps
Carbon	12-2	60985	60693	59923	60534	0.91	cps
Chlorine	35-1	441446	460441	490011	463966	5.27	cps
Chlorine	35-2	3534	3592	3784	3637	3.60	cps
Chromium	52-2	200006	197663	194982	197550	1.27	cps
Cobalt	59-2	350959	352630	351830	351807	0.24	cps
Copper	63-2	266492	266074	266581	266382	0.10	cps
Dysprosium	156-1	8	50	17	25	88.19	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	27	10	33	23	51.50	cps
Gadolinium	160-1	92	67	67	75	19.24	cps
Gadolinium	160-2	33	27	40	33	20.00	cps
Holmium	165-1	10792925	10829661	10710300	10777629	0.57	cps
Holmium	165-2	4108381	4144346	4273942	4175556	2.09	cps
Indium	115-1	9959809	9911446	9832737	9901331	0.65	cps
Indium	115-2	1238520	1258921	1271782	1256408	1.33	cps
Iron	54-2	175689	174966	171984	174213	1.13	cps
Iron	56-2	3189794	3103148	3170257	3154400	1.44	cps
Iron	57-2	76633	75578	76398	76203	0.73	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:46:08	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1193	1097	1139	4.34	cps
Lead	206-1	916509	919052	953128	929563	2.20	cps
Lead	207-1	763344	772982	792430	776252	1.91	cps
Lead	208-1	3699621	3768215	3795576	3754471	1.32	cps
Lithium	6-1	5051990	5165560	5050978	5089510	1.29	cps
Magnesium	24-2	184004	189065	185259	186109	1.42	cps
Manganese	55-2	96923	97171	96715	96936	0.24	cps
Molybdenum	94-1	8262958	8201737	8154536	8206410	0.66	cps
Molybdenum	95-1	10008697	9880585	10073752	9987678	0.98	cps
Molybdenum	96-1	11271874	11095389	11408847	11258703	1.40	cps
Molybdenum	97-1	6169527	6211670	6154641	6178613	0.48	cps
Molybdenum	98-1	15757784	15999496	15927194	15894825	0.78	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	96884	97404	95967	96752	0.75	cps
Phosphorus	31-2	167	117	100	128	27.15	cps
Potassium	39-2	232348	232375	228720	231148	0.91	cps
Rhodium	103-1	9501478	9780412	9492389	9591426	1.71	cps
Rhodium	103-2	3745513	3783319	3822945	3783926	1.02	cps
Scandium	45-1	7510044	7611304	7438537	7519962	1.15	cps
Scandium	45-2	196931	201191	200547	199556	1.15	cps
Selenium	82-1	30522	31018	31066	30868	0.98	cps
Selenium	77-2	713	780	760	751	4.55	cps
Selenium	78-2	2532	2643	2640	2605	2.41	cps
Silicon	28-1	10897460	10737624	10930823	10855302	0.95	cps
Silver	107-1	457824	465531	466234	463196	1.01	cps
Silver	109-1	424055	434642	438097	432265	1.69	cps
Sodium	23-2	627225	636290	616775	626764	1.56	cps
Strontium	86-1	12909639	13033127	13309856	13084207	1.57	cps
Strontium	88-1	111910853	113108332	114417432	113145539	1.11	cps
Sulfur	34-1	441229	438439	442697	440788	0.49	cps
Terbium	159-1	11288439	11411396	11661388	11453741	1.66	cps
Terbium	159-2	4236623	4194597	4297555	4242925	1.22	cps
Thallium	203-1	1120538	1140209	1144372	1135040	1.12	cps
Thallium	205-1	2796025	2781522	2852104	2809884	1.33	cps
Tin	118-1	3019241	2985910	3012599	3005917	0.59	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:46:08	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2999007	3058263	3060008	3039093	1.14	cps
Uranium	238-1	8862649	8789448	9010584	8887560	1.27	cps
Vanadium	51-2	155424	152274	153083	153594	1.07	cps
Ytterbium	172-1	25	25	25	25	0.00	cps
Ytterbium	172-2	6	0	11	6	99.97	cps
Ytterbium	176-1	1525	1358	1608	1497	8.50	cps
Ytterbium	176-2	1028	1189	1156	1124	7.57	cps
Yttrium	89-1	14258066	14517239	14523998	14433101	1.05	cps
Yttrium	89-2	1239307	1256282	1285124	1260238	1.84	cps
Zinc	66-2	52542	52308	53299	52716	0.98	cps
Zirconium	90-1	7109386	7080483	7026128	7071999	0.60	cps
Zirconium	91-1	1626045	1580041	1620068	1608718	1.55	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:58:13	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275	1259	1234	1256	1.65	cps
Antimony	121-1	13140	13315	13173	13209	0.70	cps
Arsenic	75-2	172	217	191	193	11.68	cps
Barium	135-1	17036	17595	16494	17042	3.23	cps
Barium	137-1	29240	29742	29458	29480	0.85	cps
Beryllium	9-1	2572	2618	2630	2606	1.17	cps
Bismuth	209-1	6185947	6103665	6017336	6102316	1.38	cps
Bismuth	209-2	2821291	2855352	2831056	2835900	0.62	cps
Boron	10-1	8937	9093	9549	9193	3.46	cps
Boron	11-1	38625	42445	42677	41249	5.52	cps
Bromine	81-1	23013	23735	23394	23380	1.54	cps
Cadmium	111-1	2405	2272	2373	2350	2.96	cps
Cadmium	106-1	4201	4084	4034	4106	2.08	cps
Cadmium	108-1	133	142	138	138	3.03	cps
Calcium	43-1	13019	13168	12856	13014	1.20	cps
Calcium	44-1	242745	244766	238505	242005	1.32	cps
Carbon	12-1	4814940	4918628	4862363	4865310	1.07	cps
Carbon	12-2	48531	47720	49794	48681	2.15	cps
Chlorine	35-1	250645	249778	244616	248346	1.31	cps
Chlorine	35-2	1625	1600	1600	1608	0.90	cps
Chromium	52-2	4958	4924	4514	4799	5.15	cps
Cobalt	59-2	3557	3504	3591	3550	1.23	cps
Copper	63-2	5121	5291	5178	5197	1.67	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	75	50	53	39.74	cps
Erbium	164-2	43	20	20	28	48.49	cps
Gadolinium	160-1	75	58	83	72	17.63	cps
Gadolinium	160-2	40	33	17	30	40.05	cps
Holmium	165-1	10962607	10578657	10623587	10721617	1.96	cps
Holmium	165-2	4065527	4037266	4063052	4055282	0.39	cps
Indium	115-1	9903184	9722213	9840142	9821846	0.94	cps
Indium	115-2	1253466	1229472	1234578	1239172	1.02	cps
Iron	54-2	4840	4456	4467	4588	4.76	cps
Iron	56-2	81448	81482	81163	81364	0.22	cps
Iron	57-2	2100	1939	1884	1974	5.70	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:58:13	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1183	1150	1007	1113	8.43	cps
Lead	206-1	5390	5251	4973	5205	4.08	cps
Lead	207-1	4612	4934	4356	4634	6.25	cps
Lead	208-1	20901	21863	20040	20935	4.36	cps
Lithium	6-1	5098979	5087263	5014965	5067069	0.90	cps
Magnesium	24-2	80834	81922	80565	81107	0.89	cps
Manganese	55-2	1177	1140	1177	1165	1.82	cps
Molybdenum	94-1	16068	16235	16719	16341	2.07	cps
Molybdenum	95-1	19781	19898	19197	19625	1.91	cps
Molybdenum	96-1	22293	23370	22085	22583	3.05	cps
Molybdenum	97-1	13374	12681	12414	12823	3.86	cps
Molybdenum	98-1	31303	32205	29549	31019	4.35	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	1073	1073	977	1041	5.36	cps
Phosphorus	31-2	133	117	83	111	22.91	cps
Potassium	39-2	69627	72550	70229	70802	2.18	cps
Rhodium	103-1	9349918	9460810	9249790	9353506	1.13	cps
Rhodium	103-2	3787222	3718716	3673664	3726534	1.53	cps
Scandium	45-1	7209378	7452151	7170881	7277470	2.10	cps
Scandium	45-2	198243	195771	194406	196140	0.99	cps
Selenium	82-1	1267	1259	1269	1265	0.41	cps
Selenium	77-2	30	27	23	27	12.51	cps
Selenium	78-2	106	128	121	118	9.50	cps
Silicon	28-1	10943495	10883409	10970427	10932444	0.41	cps
Silver	107-1	9470	9103	8820	9131	3.57	cps
Silver	109-1	8636	7919	8495	8350	4.55	cps
Sodium	23-2	170893	174419	168079	171130	1.86	cps
Strontium	86-1	4734	4634	4351	4573	4.35	cps
Strontium	88-1	23946	25148	24539	24544	2.45	cps
Sulfur	34-1	445875	443668	444563	444702	0.25	cps
Terbium	159-1	11089182	11238974	11003143	11110433	1.07	cps
Terbium	159-2	4084284	4053754	4118226	4085421	0.79	cps
Thallium	203-1	6127	6477	6035	6213	3.75	cps
Thallium	205-1	15359	14984	15109	15151	1.26	cps
Tin	118-1	29649	30067	30075	29931	0.81	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 13:58:13	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6435	6352	6360	6382	0.72	cps
Uranium	238-1	16252	15660	16211	16041	2.06	cps
Vanadium	51-2	7986	8112	7522	7873	3.95	cps
Ytterbium	172-1	8	25	8	14	69.31	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	1508	1567	1550	1542	1.95	cps
Ytterbium	176-2	1117	1156	1000	1091	7.42	cps
Yttrium	89-1	13964207	14070636	13729624	13921489	1.25	cps
Yttrium	89-2	1242980	1239395	1239616	1240664	0.16	cps
Zinc	66-2	948	812	910	890	7.85	cps
Zirconium	90-1	14391	14299	13866	14185	1.98	cps
Zirconium	91-1	3042	3392	3150	3195	5.61	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:04:57 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	86	95	95	9.21	cps
Antimony	121-1	133	133	183	150	19.24	cps
Arsenic	75-2	7	5	3	5	40.00	cps
Barium	135-1	17	42	8	22	78.07	cps
Barium	137-1	58	58	50	56	8.66	cps
Beryllium	9-1	46	76	40	54	35.72	cps
Bismuth	209-1	6250640	6181882	6108551	6180358	1.15	cps
Bismuth	209-2	2799017	2846423	2808774	2818071	0.89	cps
Boron	10-1	3686	3364	3184	3411	7.46	cps
Boron	11-1	16166	15917	14706	15597	5.01	cps
Bromine	81-1	23715	23123	23765	23534	1.52	cps
Cadmium	111-1	786	736	813	778	4.97	cps
Cadmium	106-1	3976	3701	3976	3884	4.09	cps
Cadmium	108-1	25	29	17	24	26.95	cps
Calcium	43-1	192	188	184	188	2.26	cps
Calcium	44-1	29187	29408	29566	29387	0.65	cps
Carbon	12-1	5756434	5904827	5924138	5861800	1.57	cps
Carbon	12-2	58969	59638	59028	59212	0.63	cps
Chlorine	35-1	307054	311381	305014	307816	1.06	cps
Chlorine	35-2	2050	2042	2234	2109	5.14	cps
Chromium	52-2	827	757	863	816	6.65	cps
Cobalt	59-2	83	103	80	89	14.20	cps
Copper	63-2	310	407	337	351	14.22	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	75	50	42	56	31.22	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	108	92	92	97	9.90	cps
Gadolinium	160-2	20	43	33	32	36.33	cps
Holmium	165-1	10424693	10577680	10404742	10469039	0.90	cps
Holmium	165-2	4019995	4099570	3988334	4035966	1.42	cps
Indium	115-1	9796480	9666826	9499455	9654254	1.54	cps
Indium	115-2	1215479	1228931	1218164	1220858	0.58	cps
Iron	54-2	356	389	350	365	5.77	cps
Iron	56-2	2467	2306	2334	2369	3.64	cps
Iron	57-2	94	44	61	67	38.19	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:04:57 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1140	1157	1137	1.92	cps
Lead	206-1	828	756	683	756	9.56	cps
Lead	207-1	622	578	656	619	6.31	cps
Lead	208-1	3106	2900	2850	2952	4.59	cps
Lithium	6-1	5156880	5164746	4950178	5090601	2.39	cps
Magnesium	24-2	167	142	192	167	15.00	cps
Manganese	55-2	83	103	77	88	15.81	cps
Molybdenum	94-1	258	367	233	286	24.77	cps
Molybdenum	95-1	58	58	33	50	28.88	cps
Molybdenum	96-1	175	175	183	178	2.71	cps
Molybdenum	97-1	67	50	92	69	30.20	cps
Molybdenum	98-1	142	125	150	139	9.17	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	17	30	33	55.67	cps
Phosphorus	31-2	150	158	50	119	50.47	cps
Potassium	39-2	18170	18404	17895	18156	1.40	cps
Rhodium	103-1	9324039	9318613	9136056	9259569	1.16	cps
Rhodium	103-2	3684375	3676972	3584890	3648746	1.52	cps
Scandium	45-1	7438621	7208761	7071122	7239501	2.56	cps
Scandium	45-2	192850	194357	191047	192751	0.86	cps
Selenium	82-1	485	458	447	463	4.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	51	39	45	45	13.34	cps
Silicon	28-1	10987773	10928027	10912918	10942906	0.36	cps
Silver	107-1	183	150	167	167	10.00	cps
Silver	109-1	200	117	83	133	45.07	cps
Sodium	23-2	16676	16518	16693	16629	0.58	cps
Strontium	86-1	1875	1950	1792	1872	4.23	cps
Strontium	88-1	392	475	350	406	15.69	cps
Sulfur	34-1	458794	453460	448364	453539	1.15	cps
Terbium	159-1	11126734	11150452	10881439	11052875	1.35	cps
Terbium	159-2	4074265	4114211	4053754	4080744	0.75	cps
Thallium	203-1	617	692	758	689	10.29	cps
Thallium	205-1	1375	1542	1517	1478	6.08	cps
Tin	118-1	1033	892	933	953	7.64	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:04:57	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	142	208	186	20.68	cps
Uranium	238-1	33	42	25	33	25.01	cps
Vanadium	51-2	3	17	13	11	62.48	cps
Ytterbium	172-1	17	17	0	11	86.60	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	1575	1517	1558	1550	1.94	cps
Ytterbium	176-2	717	783	606	702	12.80	cps
Yttrium	89-1	13808158	13876463	13778636	13821086	0.36	cps
Yttrium	89-2	1208849	1230416	1224412	1221225	0.91	cps
Zinc	66-2	255	217	265	245	10.14	cps
Zirconium	90-1	692	800	625	706	12.52	cps
Zirconium	91-1	142	83	125	117	25.75	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:08:01	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4965844	4998538	4793658	4919347	2.24	cps
Antimony	121-1	7477	7452	7452	7461	0.19	cps
Arsenic	75-2	65	57	49	57	14.03	cps
Barium	135-1	2250	2634	2459	2448	7.84	cps
Barium	137-1	4051	4176	3992	4073	2.30	cps
Beryllium	9-1	758	708	688	718	5.02	cps
Bismuth	209-1	6131437	6087423	6117737	6112199	0.37	cps
Bismuth	209-2	2795035	2770337	2763539	2776304	0.60	cps
Boron	10-1	3316	3272	3248	3278	1.05	cps
Boron	11-1	15013	14674	14564	14750	1.58	cps
Bromine	81-1	25329	24597	25780	25235	2.37	cps
Cadmium	111-1	1755	1631	1506	1631	7.61	cps
Cadmium	106-1	4101	4101	3692	3965	5.95	cps
Cadmium	108-1	1754	1829	1796	1793	2.10	cps
Calcium	43-1	2698380	2654203	2655367	2669317	0.94	cps
Calcium	44-1	43008598	43346196	43025498	43126764	0.44	cps
Carbon	12-1	29745301	29523210	29545051	29604520	0.41	cps
Carbon	12-2	305570	307983	310330	307961	0.77	cps
Chlorine	35-1	10947845	14260667	16820072	14009528	21.02	cps
Chlorine	35-2	136666	142421	148237	142441	4.06	cps
Chromium	52-2	37710	38094	37322	37709	1.02	cps
Cobalt	59-2	3731	3824	4021	3858	3.84	cps
Copper	63-2	18979	18836	18372	18729	1.70	cps
Dysprosium	156-1	42	83	50	58	37.80	cps
Dysprosium	156-2	10	13	27	17	52.93	cps
Erbium	164-1	133	133	83	117	24.74	cps
Erbium	164-2	30	13	30	24	39.37	cps
Gadolinium	160-1	67	67	117	83	34.64	cps
Gadolinium	160-2	40	20	17	26	49.38	cps
Holmium	165-1	10976118	10954214	11094720	11008351	0.69	cps
Holmium	165-2	4249301	4169522	4120517	4179780	1.56	cps
Indium	115-1	9723814	9674199	9863250	9753755	1.00	cps
Indium	115-2	1217393	1217754	1222521	1219223	0.23	cps
Iron	54-2	8193131	8150070	7911925	8085042	1.87	cps
Iron	56-2	151413631	148660281	146494714	148856209	1.66	cps
Iron	57-2	3701875	3831785	3730532	3754731	1.82	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:08:01	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1133	1083	1119	2.77	cps
Lead	206-1	22303	24234	24039	23525	4.52	cps
Lead	207-1	18664	18858	18931	18818	0.73	cps
Lead	208-1	86357	90256	90351	88988	2.56	cps
Lithium	6-1	5181512	5143391	5155503	5160135	0.38	cps
Magnesium	24-2	14882524	14716771	14636819	14745371	0.85	cps
Manganese	55-2	7152	7075	6942	7056	1.51	cps
Molybdenum	94-1	4297274	4305526	4246233	4283011	0.75	cps
Molybdenum	95-1	7360259	7493348	7396153	7416587	0.93	cps
Molybdenum	96-1	8007281	7915296	7865529	7929368	0.91	cps
Molybdenum	97-1	4548961	4617305	4546544	4570937	0.88	cps
Molybdenum	98-1	11647247	11965063	11833112	11815141	1.35	cps
Neodymium	150-1	40	27	33	33	20.00	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	4834	4851	4854	4846	0.22	cps
Phosphorus	31-2	266848	271786	267272	268636	1.02	cps
Potassium	39-2	10269670	10161226	10251775	10227557	0.57	cps
Rhodium	103-1	9010872	8985883	9160018	9052258	1.04	cps
Rhodium	103-2	3639918	3512515	3645589	3599341	2.09	cps
Scandium	45-1	7425527	7574898	7538998	7513141	1.04	cps
Scandium	45-2	199287	199549	194235	197690	1.51	cps
Selenium	82-1	425	461	521	469	10.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	40	52	48	47	13.10	cps
Silicon	28-1	10748418	10958993	10923593	10877002	1.04	cps
Silver	107-1	758	433	467	553	32.35	cps
Silver	109-1	525	483	508	506	4.15	cps
Sodium	23-2	30182844	29938486	29823215	29981515	0.61	cps
Strontium	86-1	88924	90460	89092	89492	0.94	cps
Strontium	88-1	755924	756062	752714	754900	0.25	cps
Sulfur	34-1	3944705	3790847	3864043	3866531	1.99	cps
Terbium	159-1	11822078	11570708	11661551	11684779	1.09	cps
Terbium	159-2	4223374	4214232	4123281	4186962	1.32	cps
Thallium	203-1	1667	2242	2042	1984	14.72	cps
Thallium	205-1	3742	4809	5118	4557	15.84	cps
Tin	118-1	2059	2392	2250	2234	7.49	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:08:01	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2419124	2495401	2435485	2450003	1.64	cps
Uranium	238-1	342	242	208	264	26.29	cps
Vanadium	51-2	207	203	217	209	3.32	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	1383	1458	1358	1400	3.72	cps
Ytterbium	176-2	678	828	683	730	11.66	cps
Yttrium	89-1	14270846	14194170	14253543	14239520	0.28	cps
Yttrium	89-2	1254022	1244845	1256247	1251705	0.48	cps
Zinc	66-2	3153	3371	3296	3273	3.38	cps
Zirconium	90-1	1058	933	1075	1022	7.57	cps
Zirconium	91-1	242	167	275	228	24.36	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:10:57	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4975272	4981068	5061479	5005940	0.96	cps
Antimony	121-1	132228	136805	136249	135094	1.85	cps
Arsenic	75-2	3494	3623	3513	3543	1.97	cps
Barium	135-1	36157	36659	35539	36118	1.55	cps
Barium	137-1	61967	63198	61624	62263	1.33	cps
Beryllium	9-1	49132	49099	48925	49052	0.23	cps
Bismuth	209-1	6128779	6232346	6189328	6183485	0.84	cps
Bismuth	209-2	2775718	2785534	2840076	2800443	1.24	cps
Boron	10-1	16204	16914	17577	16898	4.06	cps
Boron	11-1	73050	75887	80057	76331	4.62	cps
Bromine	81-1	25349	25580	27195	26041	3.86	cps
Cadmium	111-1	35262	35296	34847	35135	0.71	cps
Cadmium	106-1	8511	8620	8611	8581	0.70	cps
Cadmium	108-1	4718	4401	4688	4602	3.80	cps
Calcium	43-1	2557711	2599199	2685962	2614291	2.50	cps
Calcium	44-1	42914782	43236027	42869393	43006734	0.46	cps
Carbon	12-1	29763357	30788351	30412303	30321337	1.71	cps
Carbon	12-2	307746	313133	312605	311161	0.95	cps
Chlorine	35-1	19219767	21872923	24256148	21782946	11.57	cps
Chlorine	35-2	176052	178240	188431	180908	3.65	cps
Chromium	52-2	74921	74593	75532	75015	0.63	cps
Cobalt	59-2	70359	69653	70236	70083	0.54	cps
Copper	63-2	68002	68373	67047	67808	1.01	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	20	7	17	14	48.02	cps
Erbium	164-1	92	58	42	64	39.85	cps
Erbium	164-2	27	30	43	33	26.45	cps
Gadolinium	160-1	75	58	133	89	44.31	cps
Gadolinium	160-2	37	33	47	39	17.85	cps
Holmium	165-1	11171828	11291027	11134676	11199177	0.73	cps
Holmium	165-2	4222665	4246143	4201312	4223373	0.53	cps
Indium	115-1	9749560	9781120	9970274	9833651	1.21	cps
Indium	115-2	1240481	1223382	1238080	1233981	0.75	cps
Iron	54-2	8085848	8132734	8218823	8145802	0.83	cps
Iron	56-2	151213564	149380131	149281987	149958561	0.73	cps
Iron	57-2	3760117	3827608	3758442	3782055	1.04	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:10:57	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1107	1270	1156	8.61	cps
Lead	206-1	111420	113672	110747	111946	1.37	cps
Lead	207-1	93183	94033	92187	93134	0.99	cps
Lead	208-1	432438	436745	427066	432083	1.12	cps
Lithium	6-1	5284107	5316156	5238380	5279547	0.74	cps
Magnesium	24-2	15039868	14917555	14837326	14931583	0.68	cps
Manganese	55-2	24324	25246	25646	25072	2.70	cps
Molybdenum	94-1	4619067	4563932	4537042	4573347	0.91	cps
Molybdenum	95-1	7480009	7566313	7373630	7473317	1.29	cps
Molybdenum	96-1	8106297	8100367	7977910	8061524	0.90	cps
Molybdenum	97-1	4626445	4622459	4720751	4656552	1.19	cps
Molybdenum	98-1	11800754	12043701	12062528	11968994	1.22	cps
Neodymium	150-1	60	47	33	47	28.58	cps
Neodymium	150-2	10	17	0	9	94.38	cps
Nickel	60-2	22525	22127	22545	22399	1.05	cps
Phosphorus	31-2	277488	272825	277539	275951	0.98	cps
Potassium	39-2	10347860	10291892	10305657	10315136	0.28	cps
Rhodium	103-1	9138059	9157793	9263569	9186474	0.73	cps
Rhodium	103-2	3665332	3660712	3621470	3649171	0.66	cps
Scandium	45-1	7495476	7593242	7519279	7535999	0.68	cps
Scandium	45-2	200533	200458	201767	200919	0.37	cps
Selenium	82-1	3287	3318	3175	3260	2.30	cps
Selenium	77-2	90	90	70	83	13.86	cps
Selenium	78-2	255	264	286	268	5.94	cps
Silicon	28-1	10924162	10896790	10840939	10887297	0.39	cps
Silver	107-1	173181	172568	173392	173047	0.25	cps
Silver	109-1	161944	161104	161044	161364	0.31	cps
Sodium	23-2	30288654	30258578	29679200	30075477	1.14	cps
Strontium	86-1	230045	237712	227989	231915	2.21	cps
Strontium	88-1	2024535	2028673	2013838	2022349	0.38	cps
Sulfur	34-1	3846003	3859530	3935059	3880197	1.24	cps
Terbium	159-1	11845106	11771144	11868533	11828261	0.43	cps
Terbium	159-2	4257955	4207662	4256277	4240631	0.67	cps
Thallium	203-1	112342	113806	115681	113943	1.47	cps
Thallium	205-1	261579	269044	272453	267692	2.08	cps
Tin	118-1	310007	307085	309191	308761	0.49	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:10:57	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2475108	2443321	2432130	2450186	0.91	cps
Uranium	238-1	929687	946741	938610	938346	0.91	cps
Vanadium	51-2	30426	30002	29517	29981	1.52	cps
Ytterbium	172-1	25	50	25	33	43.30	cps
Ytterbium	172-2	6	11	0	6	99.97	cps
Ytterbium	176-1	1633	1475	1400	1503	7.93	cps
Ytterbium	176-2	661	739	667	689	6.30	cps
Yttrium	89-1	14253987	14202393	14263855	14240078	0.23	cps
Yttrium	89-2	1264674	1245504	1263244	1257807	0.85	cps
Zinc	66-2	7290	7222	7360	7291	0.95	cps
Zirconium	90-1	722293	736644	725445	728127	1.04	cps
Zirconium	91-1	162044	161183	163175	162134	0.62	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : CCV42 Instrumnet Name : P8
 Client Sample ID : CCV42 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:13:50 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2720591	2726024	2676707	2707774	1.00	cps
Antimony	121-1	3167513	3175528	3180866	3174636	0.21	cps
Arsenic	75-2	84175	82900	83832	83636	0.79	cps
Barium	135-1	4248969	4277677	4323051	4283232	0.87	cps
Barium	137-1	7206775	7269979	7356765	7277840	1.03	cps
Beryllium	9-1	1193877	1180975	1223762	1199538	1.83	cps
Bismuth	209-1	5948969	5872413	5887834	5903072	0.69	cps
Bismuth	209-2	2709172	2741243	2675013	2708476	1.22	cps
Boron	10-1	116009	123323	129216	122849	5.39	cps
Boron	11-1	528698	567022	571366	555695	4.23	cps
Bromine	81-1	25108	24708	26132	25316	2.90	cps
Cadmium	111-1	790056	799245	801849	797050	0.78	cps
Cadmium	106-1	92402	95020	99332	95584	3.66	cps
Cadmium	108-1	61842	61415	63767	62342	2.01	cps
Calcium	43-1	6282759	6233288	6183303	6233117	0.80	cps
Calcium	44-1	102267923	103118145	99865395	101750488	1.66	cps
Carbon	12-1	6761936	6960559	7119064	6947186	2.58	cps
Carbon	12-2	75319	79088	76901	77103	2.45	cps
Chlorine	35-1	6356187	6022879	5674485	6017850	5.66	cps
Chlorine	35-2	35728	33748	31769	33748	5.87	cps
Chromium	52-2	941986	938703	920307	933665	1.25	cps
Cobalt	59-2	1701651	1696662	1658790	1685701	1.39	cps
Copper	63-2	11944524	12164672	11854866	11988021	1.33	cps
Dysprosium	156-1	817	833	942	864	7.86	cps
Dysprosium	156-2	367	343	323	344	6.30	cps
Erbium	164-1	183	167	158	169	7.51	cps
Erbium	164-2	43	67	30	47	39.77	cps
Gadolinium	160-1	867	958	892	906	5.23	cps
Gadolinium	160-2	443	367	400	403	9.53	cps
Holmium	165-1	10959622	11020922	11143720	11041421	0.85	cps
Holmium	165-2	4193018	4217549	4228022	4212863	0.43	cps
Indium	115-1	9558061	9484405	9690394	9577620	1.09	cps
Indium	115-2	1210071	1215994	1217053	1214373	0.31	cps
Iron	54-2	10237144	10259218	10091698	10196020	0.89	cps
Iron	56-2	187577538	185743837	182870249	185397208	1.28	cps
Iron	57-2	4709411	4720562	4718482	4716152	0.13	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:13:50	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1273	1137	1177	1196	5.88	cps
Lead	206-1	11208082	11112421	11487534	11269346	1.73	cps
Lead	207-1	9498929	9503468	9918790	9640396	2.50	cps
Lead	208-1	43968070	43820713	45172777	44320520	1.67	cps
Lithium	6-1	5254321	5131153	5251160	5212212	1.35	cps
Magnesium	24-2	39943358	40303319	40084159	40110279	0.45	cps
Manganese	55-2	4832414	4807246	4690715	4776792	1.58	cps
Molybdenum	94-1	7884549	8078644	7877778	7946990	1.44	cps
Molybdenum	95-1	9755776	9673983	9636880	9688880	0.63	cps
Molybdenum	96-1	10802115	10777977	10924346	10834813	0.72	cps
Molybdenum	97-1	5901575	6023858	6094108	6006514	1.62	cps
Molybdenum	98-1	15623705	15602458	15620083	15615415	0.07	cps
Neodymium	150-1	213	240	220	224	6.18	cps
Neodymium	150-2	17	13	30	20	44.10	cps
Nickel	60-2	429531	430531	428475	429512	0.24	cps
Phosphorus	31-2	27910	28195	28863	28323	1.73	cps
Potassium	39-2	13344662	13261250	13221998	13275970	0.47	cps
Rhodium	103-1	8993482	8924968	8900304	8939585	0.54	cps
Rhodium	103-2	3523315	3586815	3545368	3551833	0.91	cps
Scandium	45-1	7544008	7424404	7352027	7440146	1.30	cps
Scandium	45-2	198860	202544	200300	200568	0.93	cps
Selenium	82-1	65668	66403	66331	66134	0.61	cps
Selenium	77-2	1713	1643	1647	1668	2.37	cps
Selenium	78-2	5639	5656	5609	5634	0.42	cps
Silicon	28-1	13619325	13721094	13918706	13753042	1.11	cps
Silver	107-1	4343521	4421213	4527383	4430706	2.08	cps
Silver	109-1	4157277	4127275	4197214	4160589	0.84	cps
Sodium	23-2	74511839	76299877	75364623	75392113	1.19	cps
Strontium	86-1	12862353	12830197	12960195	12884249	0.53	cps
Strontium	88-1	110983532	110280190	110305798	110523173	0.36	cps
Sulfur	34-1	867439	880680	872033	873384	0.77	cps
Terbium	159-1	11632721	11603473	11809784	11681993	0.96	cps
Terbium	159-2	4200947	4289872	4140800	4210540	1.78	cps
Thallium	203-1	2798090	2754451	2761131	2771224	0.85	cps
Thallium	205-1	6482605	6529698	6482605	6498303	0.42	cps
Tin	118-1	2869208	2886092	2837170	2864157	0.87	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:13:50	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3024043	3020275	2951327	2998548	1.37	cps
Uranium	238-1	8586700	8663961	8555890	8602184	0.65	cps
Vanadium	51-2	754158	754464	751944	753522	0.18	cps
Ytterbium	172-1	42	25	58	42	40.00	cps
Ytterbium	172-2	17	22	6	15	57.25	cps
Ytterbium	176-1	1458	1558	1675	1564	6.94	cps
Ytterbium	176-2	817	844	911	857	5.66	cps
Yttrium	89-1	14254054	14137954	14312999	14235002	0.63	cps
Yttrium	89-2	1254901	1270619	1268248	1264589	0.67	cps
Zinc	66-2	1316779	1337008	1321844	1325210	0.79	cps
Zirconium	90-1	6630650	6758792	6748671	6712704	1.06	cps
Zirconium	91-1	1509077	1503342	1496781	1503067	0.41	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:22:20 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297	299	300	299	0.42	cps
Antimony	121-1	292	275	442	336	27.31	cps
Arsenic	75-2	7	14	7	9	43.30	cps
Barium	135-1	117	75	83	92	24.05	cps
Barium	137-1	225	167	117	169	32.00	cps
Beryllium	9-1	74	76	74	75	1.55	cps
Bismuth	209-1	6207896	6370800	6170918	6249871	1.70	cps
Bismuth	209-2	2883204	2869170	2897672	2883349	0.49	cps
Boron	10-1	3732	3712	3606	3683	1.84	cps
Boron	11-1	16346	16196	15505	16016	2.80	cps
Bromine	81-1	23333	24186	24868	24129	3.19	cps
Cadmium	111-1	908	773	799	827	8.66	cps
Cadmium	106-1	4384	3742	3817	3981	8.82	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	423	422	425	423	0.38	cps
Calcium	44-1	34207	34039	33959	34068	0.37	cps
Carbon	12-1	4995911	5074366	5068380	5046219	0.87	cps
Carbon	12-2	50780	51023	50370	50724	0.65	cps
Chlorine	35-1	1366655	1320514	1311813	1332994	2.21	cps
Chlorine	35-2	8119	8761	8019	8300	4.85	cps
Chromium	52-2	773	883	797	818	7.09	cps
Cobalt	59-2	110	120	110	113	5.09	cps
Copper	63-2	670	627	590	629	6.37	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	67	17	75	53	59.77	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	27	30	17	24	28.38	cps
Holmium	165-1	10931279	10812279	10738119	10827226	0.90	cps
Holmium	165-2	4050565	4083057	4259553	4131058	2.72	cps
Indium	115-1	10054152	9863611	9788381	9902048	1.38	cps
Indium	115-2	1251212	1248265	1265098	1254858	0.72	cps
Iron	54-2	767	583	633	661	14.33	cps
Iron	56-2	7802	7841	7574	7739	1.86	cps
Iron	57-2	194	267	189	217	20.03	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:22:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1163	1040	1115	5.88	cps
Lead	206-1	1445	1083	1189	1239	14.99	cps
Lead	207-1	1111	1106	1217	1145	5.47	cps
Lead	208-1	5439	4795	5062	5099	6.35	cps
Lithium	6-1	5242585	5361726	5168210	5257507	1.86	cps
Magnesium	24-2	1133	933	1008	1025	9.86	cps
Manganese	55-2	133	133	100	122	15.75	cps
Molybdenum	94-1	558	542	558	553	1.74	cps
Molybdenum	95-1	533	475	350	453	20.69	cps
Molybdenum	96-1	542	558	567	556	2.29	cps
Molybdenum	97-1	292	342	267	300	12.73	cps
Molybdenum	98-1	725	650	875	750	15.28	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	53	47	50	6.66	cps
Phosphorus	31-2	192	125	133	150	24.22	cps
Potassium	39-2	20181	19605	18971	19586	3.09	cps
Rhodium	103-1	9682887	9434931	9279144	9465654	2.15	cps
Rhodium	103-2	3752531	3720519	3737444	3736831	0.43	cps
Scandium	45-1	7423127	7540654	7402777	7455519	1.00	cps
Scandium	45-2	196683	196935	202150	198590	1.55	cps
Selenium	82-1	423	451	525	466	11.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	41	55	43	25.91	cps
Silicon	28-1	11053281	11123064	11109443	11095263	0.33	cps
Silver	107-1	408	375	275	353	19.67	cps
Silver	109-1	175	267	325	256	29.59	cps
Sodium	23-2	22827	22259	22977	22688	1.67	cps
Strontium	86-1	2267	1942	2075	2095	7.80	cps
Strontium	88-1	2609	2109	2075	2264	13.20	cps
Sulfur	34-1	435377	442148	433890	437138	1.01	cps
Terbium	159-1	11712649	11495077	11168838	11458855	2.39	cps
Terbium	159-2	4208502	4097697	4206549	4170916	1.52	cps
Thallium	203-1	1433	1400	1308	1381	4.69	cps
Thallium	205-1	3309	2834	3217	3120	8.08	cps
Tin	118-1	675	642	783	700	10.58	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:22:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	283	300	325	17.95	cps
Uranium	238-1	175	75	125	125	40.00	cps
Vanadium	51-2	23	3	17	14	70.51	cps
Ytterbium	172-1	0	8	17	8	100.02	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	1450	1567	1383	1467	6.33	cps
Ytterbium	176-2	967	928	806	900	9.34	cps
Yttrium	89-1	14243264	14098103	14040538	14127302	0.74	cps
Yttrium	89-2	1242427	1250545	1265999	1252990	0.96	cps
Zinc	66-2	294	257	290	280	7.28	cps
Zirconium	90-1	675	825	867	789	12.78	cps
Zirconium	91-1	100	217	167	161	36.33	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:25:23	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1272	1289	1376	1312	4.25	cps
Antimony	121-1	12806	13240	13465	13171	2.54	cps
Arsenic	75-2	175	144	213	177	19.49	cps
Barium	135-1	16969	16844	17295	17036	1.36	cps
Barium	137-1	28389	28873	29783	29015	2.44	cps
Beryllium	9-1	2570	2640	2566	2592	1.61	cps
Bismuth	209-1	6148187	6363569	6209831	6240529	1.78	cps
Bismuth	209-2	2862054	2977898	3016059	2952004	2.72	cps
Boron	10-1	7993	8497	8803	8431	4.85	cps
Boron	11-1	36021	38296	39723	38013	4.91	cps
Bromine	81-1	24226	25429	24858	24838	2.42	cps
Cadmium	111-1	2404	2368	2587	2453	4.80	cps
Cadmium	106-1	4042	4151	4384	4192	4.17	cps
Cadmium	108-1	192	125	188	168	22.22	cps
Calcium	43-1	13012	12897	13337	13082	1.74	cps
Calcium	44-1	242407	243479	243790	243225	0.30	cps
Carbon	12-1	4881145	4853862	4951295	4895434	1.03	cps
Carbon	12-2	49007	49100	50713	49607	1.93	cps
Chlorine	35-1	1012104	991689	983722	995838	1.47	cps
Chlorine	35-2	6485	6126	6393	6335	2.94	cps
Chromium	52-2	4774	4748	4758	4760	0.28	cps
Cobalt	59-2	3494	3687	3594	3592	2.69	cps
Copper	63-2	5751	5328	5244	5441	5.00	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	67	33	117	72	58.08	cps
Erbium	164-2	13	17	40	23	62.27	cps
Gadolinium	160-1	58	58	67	61	7.88	cps
Gadolinium	160-2	23	33	30	29	17.63	cps
Holmium	165-1	10601954	11223740	10721804	10849166	3.04	cps
Holmium	165-2	4144161	4159511	4340477	4214716	2.59	cps
Indium	115-1	9866443	10213442	9782885	9954257	2.29	cps
Indium	115-2	1267167	1286102	1286358	1279876	0.86	cps
Iron	54-2	5118	5223	4890	5077	3.36	cps
Iron	56-2	85331	85550	85768	85549	0.26	cps
Iron	57-2	2084	2139	2356	2193	6.56	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:25:23	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1143	1153	1143	0.87	cps
Lead	206-1	5423	5662	5940	5675	4.56	cps
Lead	207-1	4868	5140	4801	4936	3.64	cps
Lead	208-1	22002	22402	22575	22326	1.32	cps
Lithium	6-1	5107367	5040180	5063956	5070501	0.67	cps
Magnesium	24-2	80154	78956	79634	79581	0.76	cps
Manganese	55-2	1210	977	1083	1090	10.72	cps
Molybdenum	94-1	16160	16535	16535	16410	1.32	cps
Molybdenum	95-1	20240	19381	19331	19650	2.60	cps
Molybdenum	96-1	22302	22953	21968	22407	2.23	cps
Molybdenum	97-1	12414	12423	12322	12386	0.45	cps
Molybdenum	98-1	31678	31520	31996	31731	0.76	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1113	1040	1027	1060	4.40	cps
Phosphorus	31-2	92	142	158	131	26.57	cps
Potassium	39-2	73094	72482	72281	72619	0.58	cps
Rhodium	103-1	9638968	9566979	9513099	9573016	0.66	cps
Rhodium	103-2	3806948	3892064	3837682	3845565	1.12	cps
Scandium	45-1	7545047	7673885	7412236	7543723	1.73	cps
Scandium	45-2	198463	202017	201101	200527	0.92	cps
Selenium	82-1	1136	1205	1227	1189	4.00	cps
Selenium	77-2	13	23	23	20	28.87	cps
Selenium	78-2	115	97	96	103	10.41	cps
Silicon	28-1	11115494	11106357	11075560	11099137	0.19	cps
Silver	107-1	8545	9445	8436	8809	6.29	cps
Silver	109-1	8003	8536	8161	8233	3.33	cps
Sodium	23-2	178543	172403	172848	174598	1.96	cps
Strontium	86-1	4593	4784	4568	4648	2.55	cps
Strontium	88-1	24731	25557	23462	24583	4.29	cps
Sulfur	34-1	432661	438761	439555	436992	0.86	cps
Terbium	159-1	11521188	11752232	11443944	11572454	1.39	cps
Terbium	159-2	4106200	4177352	4342081	4208544	2.87	cps
Thallium	203-1	6985	7060	6327	6791	5.95	cps
Thallium	205-1	15376	15176	15977	15510	2.69	cps
Tin	118-1	30234	30593	30460	30429	0.60	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:25:23	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6535	6377	6827	6579	3.47	cps
Uranium	238-1	16328	16236	16753	16439	1.68	cps
Vanadium	51-2	7766	7852	7605	7741	1.62	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	172-2	6	11	0	6	99.97	cps
Ytterbium	176-1	1508	1442	1267	1406	8.88	cps
Ytterbium	176-2	678	833	694	735	11.62	cps
Yttrium	89-1	14174844	14728418	14241191	14381485	2.10	cps
Yttrium	89-2	1251166	1291952	1281736	1274951	1.66	cps
Zinc	66-2	949	851	900	900	5.47	cps
Zirconium	90-1	14583	14491	14633	14569	0.49	cps
Zirconium	91-1	3259	3100	3384	3248	4.37	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : PB137388BL Instrumnet Name : P8
 Client Sample ID : PB137388BL Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:28:28 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191	209	196	199	4.54	cps
Antimony	121-1	150	133	175	153	13.73	cps
Arsenic	75-2	13	6	10	10	36.33	cps
Barium	135-1	67	117	42	75	50.92	cps
Barium	137-1	92	100	100	97	4.95	cps
Beryllium	9-1	52	68	60	60	13.34	cps
Bismuth	209-1	6135542	6299345	6213232	6216040	1.32	cps
Bismuth	209-2	2898934	2905518	2923652	2909368	0.44	cps
Boron	10-1	3238	3058	3062	3119	3.30	cps
Boron	11-1	14352	13904	13670	13975	2.48	cps
Bromine	81-1	25670	24406	25590	25222	2.81	cps
Cadmium	111-1	846	832	721	799	8.55	cps
Cadmium	106-1	4176	4184	3576	3978	8.77	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	352	334	340	342	2.65	cps
Calcium	44-1	32267	31782	31818	31955	0.85	cps
Carbon	12-1	4766053	4779954	4766655	4770887	0.16	cps
Carbon	12-2	48230	48171	48355	48252	0.19	cps
Chlorine	35-1	833999	816844	804092	818312	1.83	cps
Chlorine	35-2	5126	5343	4959	5143	3.74	cps
Chromium	52-2	777	823	877	826	6.06	cps
Cobalt	59-2	123	77	93	98	24.19	cps
Copper	63-2	477	527	533	512	6.05	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	67	108	64	71.84	cps
Erbium	164-2	13	27	3	14	81.07	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	10	13	27	17	52.93	cps
Holmium	165-1	10550494	11005330	10747362	10767728	2.12	cps
Holmium	165-2	4135701	4140873	4101491	4126022	0.52	cps
Indium	115-1	9938038	10003017	9830108	9923721	0.88	cps
Indium	115-2	1253844	1264262	1262339	1260148	0.44	cps
Iron	54-2	500	550	489	513	6.35	cps
Iron	56-2	4301	4562	4329	4397	3.26	cps
Iron	57-2	72	122	128	107	28.49	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BL	Instrumnet Name :	P8
Client Sample ID :	PB137388BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:28:28	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1123	1087	1115	2.20	cps
Lead	206-1	1022	1039	1028	1030	0.82	cps
Lead	207-1	872	900	772	848	7.92	cps
Lead	208-1	3923	4034	3923	3960	1.62	cps
Lithium	6-1	5247874	5198987	4970365	5139075	2.88	cps
Magnesium	24-2	608	525	575	569	7.37	cps
Manganese	55-2	50	50	63	54	14.14	cps
Molybdenum	94-1	375	292	358	342	12.91	cps
Molybdenum	95-1	75	183	125	128	42.44	cps
Molybdenum	96-1	258	217	275	250	12.02	cps
Molybdenum	97-1	100	133	83	106	24.12	cps
Molybdenum	98-1	258	233	208	233	10.71	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	47	53	53	12.50	cps
Phosphorus	31-2	83	100	75	86	14.78	cps
Potassium	39-2	19597	19956	18612	19388	3.59	cps
Rhodium	103-1	9799651	9309490	9395736	9501626	2.75	cps
Rhodium	103-2	3740175	3766271	3717911	3741452	0.65	cps
Scandium	45-1	7334428	7638321	7329277	7434009	2.38	cps
Scandium	45-2	199348	202899	199226	200491	1.04	cps
Selenium	82-1	465	476	491	477	2.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	46	48	48	4.18	cps
Silicon	28-1	11037933	10987244	11042926	11022701	0.28	cps
Silver	107-1	133	217	250	200	30.05	cps
Silver	109-1	217	183	142	181	20.81	cps
Sodium	23-2	20031	20315	20507	20284	1.18	cps
Strontium	86-1	2150	1917	2017	2028	5.77	cps
Strontium	88-1	1083	1108	1292	1161	9.80	cps
Sulfur	34-1	439003	435728	435256	436662	0.47	cps
Terbium	159-1	11547281	11705631	11070777	11441230	2.89	cps
Terbium	159-2	4167607	4139066	4179341	4162005	0.50	cps
Thallium	203-1	1350	1067	1308	1242	12.32	cps
Thallium	205-1	2792	2759	2550	2700	4.85	cps
Tin	118-1	808	675	858	781	12.14	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BL	Instrumnet Name :	P8
Client Sample ID :	PB137388BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:28:28	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	342	308	269	36.24	cps
Uranium	238-1	58	75	33	56	37.75	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Ytterbium	172-1	25	17	17	19	24.73	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	1700	1558	1283	1514	14.00	cps
Ytterbium	176-2	744	617	689	683	9.38	cps
Yttrium	89-1	13898814	14412125	14060537	14123825	1.86	cps
Yttrium	89-2	1259828	1284986	1249651	1264822	1.44	cps
Zinc	66-2	283	241	254	260	8.31	cps
Zirconium	90-1	583	742	892	739	20.87	cps
Zirconium	91-1	125	225	133	161	34.44	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : PB137388BS Instrumnet Name : P8
 Client Sample ID : PB137388BS Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 14:31:32 DataFile Name : 022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537871	537443	535786	537033	0.21	cps
Antimony	121-1	3386083	3386713	3375582	3382793	0.18	cps
Arsenic	75-2	89031	88938	88819	88929	0.12	cps
Barium	135-1	4336945	4375222	4429336	4380501	1.06	cps
Barium	137-1	7354526	7395391	7363447	7371121	0.29	cps
Beryllium	9-1	1246167	1237185	1237506	1240286	0.41	cps
Bismuth	209-1	6191596	6089847	5751216	6010886	3.84	cps
Bismuth	209-2	2889847	2831876	2881450	2867724	1.09	cps
Boron	10-1	107886	116724	121663	115424	6.05	cps
Boron	11-1	480140	537312	560620	526024	7.87	cps
Bromine	81-1	25189	24226	24788	24734	1.96	cps
Cadmium	111-1	857447	851343	865179	857990	0.81	cps
Cadmium	106-1	99584	104117	104739	102813	2.74	cps
Cadmium	108-1	67112	69428	68289	68276	1.70	cps
Calcium	43-1	1134240	1095292	1120173	1116569	1.77	cps
Calcium	44-1	19186013	18982094	19710943	19293016	1.95	cps
Carbon	12-1	6788031	7193720	7245055	7075602	3.54	cps
Carbon	12-2	77790	78418	79222	78477	0.91	cps
Chlorine	35-1	756610	746681	739483	747591	1.15	cps
Chlorine	35-2	4626	4826	4801	4751	2.29	cps
Chromium	52-2	960475	963151	965210	962945	0.25	cps
Cobalt	59-2	1768666	1763401	1746484	1759517	0.66	cps
Copper	63-2	12950066	13005094	12942282	12965814	0.26	cps
Dysprosium	156-1	175	233	217	208	14.42	cps
Dysprosium	156-2	47	90	100	79	35.93	cps
Erbium	164-1	125	67	142	111	35.44	cps
Erbium	164-2	40	30	13	28	48.51	cps
Gadolinium	160-1	317	192	225	244	26.48	cps
Gadolinium	160-2	113	120	113	116	3.33	cps
Holmium	165-1	10735297	10809132	10464722	10669717	1.70	cps
Holmium	165-2	4297660	4213651	4230885	4247399	1.04	cps
Indium	115-1	9776697	9751565	9371554	9633272	2.36	cps
Indium	115-2	1266053	1246666	1252389	1255036	0.79	cps
Iron	54-2	2148558	2198214	2220673	2189148	1.69	cps
Iron	56-2	39069440	38951622	38514613	38845225	0.75	cps
Iron	57-2	942319	952062	945561	946648	0.52	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BS	Instrumnet Name :	P8
Client Sample ID :	PB137388BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:31:32	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1180	1170	1165	1.63	cps
Lead	206-1	11601358	11497610	11799278	11632749	1.32	cps
Lead	207-1	9925431	10178637	10106842	10070303	1.30	cps
Lead	208-1	46306898	46390456	46267982	46321779	0.14	cps
Lithium	6-1	5193061	5151382	4884274	5076239	3.30	cps
Magnesium	24-2	8092393	8239922	8080620	8137645	1.09	cps
Manganese	55-2	4967809	4919433	4910744	4932662	0.62	cps
Molybdenum	94-1	8343247	8194107	8061216	8199523	1.72	cps
Molybdenum	95-1	10183610	10073316	9999030	10085319	0.92	cps
Molybdenum	96-1	11391302	11432564	11194955	11339607	1.12	cps
Molybdenum	97-1	6265177	6172440	6091563	6176393	1.41	cps
Molybdenum	98-1	16293401	15992057	16131805	16139087	0.93	cps
Neodymium	150-1	280	260	187	242	20.29	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	459643	454585	463219	459149	0.94	cps
Phosphorus	31-2	29163	29180	29472	29272	0.59	cps
Potassium	39-2	2816582	2822897	2776097	2805192	0.91	cps
Rhodium	103-1	9457815	9475478	8860014	9264436	3.78	cps
Rhodium	103-2	3794241	3653903	3730950	3726365	1.89	cps
Scandium	45-1	7480304	7535531	7192972	7402936	2.48	cps
Scandium	45-2	206220	203302	203433	204318	0.81	cps
Selenium	82-1	73421	73153	72749	73108	0.46	cps
Selenium	77-2	1983	1783	1563	1777	11.82	cps
Selenium	78-2	6169	6083	6243	6165	1.30	cps
Silicon	28-1	13691404	13775197	13771233	13745945	0.34	cps
Silver	107-1	4700733	4782098	4822708	4768513	1.30	cps
Silver	109-1	4503007	4469239	4359023	4443757	1.69	cps
Sodium	23-2	15609439	15775565	15420548	15601851	1.14	cps
Strontium	86-1	13279695	13006729	13661839	13316088	2.47	cps
Strontium	88-1	114022648	111885211	114570840	113492900	1.25	cps
Sulfur	34-1	906297	907218	897198	903571	0.61	cps
Terbium	159-1	11350779	11747898	11000514	11366397	3.29	cps
Terbium	159-2	4215090	4089685	4286113	4196963	2.37	cps
Thallium	203-1	2902771	2862192	2925913	2896959	1.11	cps
Thallium	205-1	6604189	6689332	6749454	6680992	1.09	cps
Tin	118-1	3052432	3016305	3001186	3023308	0.87	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	PB137388BS	Instrumnet Name :	P8
Client Sample ID :	PB137388BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 14:31:32	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3056255	3159616	3141028	3118967	1.77	cps
Uranium	238-1	8577122	8571716	8665158	8604665	0.61	cps
Vanadium	51-2	762451	767199	766916	765522	0.35	cps
Ytterbium	172-1	33	58	25	39	44.61	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	1708	1458	1492	1553	8.74	cps
Ytterbium	176-2	694	772	767	744	5.83	cps
Yttrium	89-1	14357259	14309085	13560746	14075696	3.17	cps
Yttrium	89-2	1288511	1276278	1279638	1281475	0.49	cps
Zinc	66-2	1509507	1555917	1547514	1537646	1.61	cps
Zirconium	90-1	6927081	6840292	6786412	6851262	1.04	cps
Zirconium	91-1	1575324	1519276	1544393	1546331	1.82	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-02	Instrumnet Name :	P8
Client Sample ID :	SB-1-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:00:04	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	414095	412077	411757	412643	0.31	cps
Antimony	121-1	717	650	808	725	10.97	cps
Arsenic	75-2	415	453	444	437	4.54	cps
Barium	135-1	162062	168426	166994	165827	2.01	cps
Barium	137-1	285159	283454	283834	284149	0.32	cps
Beryllium	9-1	1166	1188	1042	1132	6.95	cps
Bismuth	209-1	6303019	6210789	6126473	6213427	1.42	cps
Bismuth	209-2	2895642	2911845	2799431	2868973	2.12	cps
Boron	10-1	28716	31696	32730	31047	6.71	cps
Boron	11-1	132635	147230	147718	142528	6.01	cps
Bromine	81-1	38402	44426	43241	42023	7.59	cps
Cadmium	111-1	1206	1243	1182	1210	2.54	cps
Cadmium	106-1	4234	4451	4301	4329	2.56	cps
Cadmium	108-1	113	79	171	121	38.40	cps
Calcium	43-1	708538	712446	707027	709337	0.39	cps
Calcium	44-1	12125395	12200807	11965694	12097298	0.99	cps
Carbon	12-1	11933833	12861287	12904089	12566403	4.36	cps
Carbon	12-2	140635	139207	146013	141952	2.53	cps
Chlorine	35-1	2091912	2485354	2818599	2465288	14.76	cps
Chlorine	35-2	23895	24505	26692	25031	5.88	cps
Chromium	52-2	23770	23145	24054	23656	1.96	cps
Cobalt	59-2	46760	47158	48178	47365	1.54	cps
Copper	63-2	53731	55384	54762	54626	1.53	cps
Dysprosium	156-1	25366	25149	24815	25110	1.11	cps
Dysprosium	156-2	8306	9093	8800	8733	4.56	cps
Erbium	164-1	23688	24607	24449	24248	2.03	cps
Erbium	164-2	8736	8680	8753	8723	0.44	cps
Gadolinium	160-1	23980	23980	23713	23891	0.65	cps
Gadolinium	160-2	9951	10227	9900	10026	1.76	cps
Holmium	165-1	11170038	11485109	11099965	11251704	1.82	cps
Holmium	165-2	4155946	4259590	4284268	4233268	1.61	cps
Indium	115-1	10084262	10054286	9765815	9968121	1.76	cps
Indium	115-2	1260950	1274508	1255506	1263654	0.77	cps
Iron	54-2	1418698	1404586	1410582	1411289	0.50	cps
Iron	56-2	26103178	25107251	25699287	25636572	1.95	cps
Iron	57-2	627839	626579	627217	627212	0.10	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-02	Instrumnet Name :	P8
Client Sample ID :	SB-1-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:00:04	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1217	1100	1136	6.20	cps
Lead	206-1	18847	19665	19532	19348	2.27	cps
Lead	207-1	15281	15993	15749	15674	2.31	cps
Lead	208-1	73762	76245	73676	74561	1.96	cps
Lithium	6-1	5038793	5418897	5278838	5245509	3.66	cps
Magnesium	24-2	1499821	1546735	1567085	1537880	2.24	cps
Manganese	55-2	6207143	5961441	6129429	6099337	2.06	cps
Molybdenum	94-1	22528	22704	24102	23111	3.73	cps
Molybdenum	95-1	4718	4584	4468	4590	2.73	cps
Molybdenum	96-1	8136	9178	8094	8470	7.25	cps
Molybdenum	97-1	2534	2525	2600	2553	1.61	cps
Molybdenum	98-1	6193	6052	6143	6129	1.17	cps
Neodymium	150-1	33502	35080	33763	34115	2.48	cps
Neodymium	150-2	9874	9610	9450	9645	2.22	cps
Nickel	60-2	11882	12282	12279	12148	1.89	cps
Phosphorus	31-2	1917	1975	2117	2003	5.14	cps
Potassium	39-2	497281	500424	496346	498017	0.43	cps
Rhodium	103-1	9482034	9539063	9321061	9447386	1.20	cps
Rhodium	103-2	3746213	3773412	3695997	3738541	1.05	cps
Scandium	45-1	7779412	8044401	7663163	7828992	2.50	cps
Scandium	45-2	209412	207455	206587	207818	0.70	cps
Selenium	82-1	621	517	594	577	9.36	cps
Selenium	77-2	47	43	60	50	17.64	cps
Selenium	78-2	90	104	78	91	14.35	cps
Silicon	28-1	100283479	97718863	96771056	98257799	1.85	cps
Silver	107-1	375	450	417	414	9.08	cps
Silver	109-1	300	358	175	278	33.72	cps
Sodium	23-2	42264485	41456096	42441169	42053917	1.25	cps
Strontium	86-1	368242	371325	362679	367415	1.19	cps
Strontium	88-1	3306615	3333075	3198408	3279366	2.18	cps
Sulfur	34-1	569009	566463	561964	565812	0.63	cps
Terbium	159-1	11545939	11794064	11816657	11718886	1.28	cps
Terbium	159-2	4325731	4258667	4221568	4268655	1.24	cps
Thallium	203-1	1158	1033	933	1042	10.82	cps
Thallium	205-1	2942	2609	2234	2595	13.66	cps
Tin	118-1	5385	5210	4693	5096	7.06	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-02	Instrumnet Name :	P8
Client Sample ID :	SB-1-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:00:04	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	511618	519567	489350	506845	3.09	cps
Uranium	238-1	8003	7569	7644	7739	2.99	cps
Vanadium	51-2	57298	57465	57716	57493	0.37	cps
Ytterbium	172-1	8053	8186	7811	8017	2.37	cps
Ytterbium	172-2	3278	3667	3567	3504	5.76	cps
Ytterbium	176-1	7144	6752	6360	6752	5.81	cps
Ytterbium	176-2	3617	3678	3356	3551	4.82	cps
Yttrium	89-1	15425607	15453600	14823383	15234197	2.34	cps
Yttrium	89-2	1312831	1368165	1321765	1334253	2.23	cps
Zinc	66-2	23386	23516	23232	23378	0.61	cps
Zirconium	90-1	57858	60774	62599	60410	3.96	cps
Zirconium	91-1	12648	12949	12022	12540	3.77	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-03	Instrumnet Name :	P8
Client Sample ID :	SB-2-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:03:04	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370332	367599	365696	367875	0.63	cps
Antimony	121-1	1017	1067	1183	1089	7.86	cps
Arsenic	75-2	343	366	313	341	7.80	cps
Barium	135-1	178897	179032	177611	178513	0.44	cps
Barium	137-1	313701	313415	310488	312535	0.57	cps
Beryllium	9-1	782	852	884	839	6.22	cps
Bismuth	209-1	5787511	6250386	6145216	6061038	4.00	cps
Bismuth	209-2	3012472	2895682	2887994	2932049	2.38	cps
Boron	10-1	72590	76937	81900	77142	6.04	cps
Boron	11-1	341736	363202	369601	358180	4.07	cps
Bromine	81-1	90112	104946	110676	101911	10.41	cps
Cadmium	111-1	890	805	1063	919	14.31	cps
Cadmium	106-1	3842	4443	4259	4181	7.36	cps
Cadmium	108-1	71	346	50	156	106.17	cps
Calcium	43-1	2547312	2547769	2495931	2530337	1.18	cps
Calcium	44-1	41697254	41794838	41015042	41502378	1.02	cps
Carbon	12-1	14381689	15034124	15602514	15006109	4.07	cps
Carbon	12-2	161366	169462	166857	165895	2.49	cps
Chlorine	35-1	4661398	5414200	5944467	5340022	12.07	cps
Chlorine	35-2	48883	53090	56134	52702	6.91	cps
Chromium	52-2	18789	18676	19146	18870	1.30	cps
Cobalt	59-2	14898	15736	15499	15377	2.81	cps
Copper	63-2	34091	33864	33700	33885	0.58	cps
Dysprosium	156-1	15785	15635	15651	15690	0.52	cps
Dysprosium	156-2	5745	5871	5515	5710	3.17	cps
Erbium	164-1	14675	14033	14492	14400	2.30	cps
Erbium	164-2	5278	5411	5281	5323	1.43	cps
Gadolinium	160-1	15468	16636	15660	15921	3.94	cps
Gadolinium	160-2	6455	7052	6658	6722	4.52	cps
Holmium	165-1	10849196	11056012	11248430	11051213	1.81	cps
Holmium	165-2	4487437	4283825	4210363	4327208	3.32	cps
Indium	115-1	9803057	9900794	9956617	9886823	0.79	cps
Indium	115-2	1315930	1277373	1276642	1289982	1.74	cps
Iron	54-2	610757	618166	610411	613111	0.71	cps
Iron	56-2	11453328	11834109	11572353	11619930	1.68	cps
Iron	57-2	275981	278311	276987	277093	0.42	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-03	Instrumnet Name :	P8
Client Sample ID :	SB-2-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:03:04	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1133	1163	1148	1.31	cps
Lead	206-1	19832	21623	18892	20115	6.90	cps
Lead	207-1	16344	16377	16177	16299	0.66	cps
Lead	208-1	76004	78597	75688	76763	2.08	cps
Lithium	6-1	5076862	5152864	5295864	5175196	2.15	cps
Magnesium	24-2	4213406	4346638	4197616	4252553	1.92	cps
Manganese	55-2	1132401	1145887	1143658	1140649	0.63	cps
Molybdenum	94-1	10329	9704	10021	10018	3.12	cps
Molybdenum	95-1	1617	1750	1417	1595	10.52	cps
Molybdenum	96-1	3885	3559	3342	3595	7.59	cps
Molybdenum	97-1	958	908	958	942	3.07	cps
Molybdenum	98-1	2375	2492	2167	2345	7.02	cps
Neodymium	150-1	26360	26600	25952	26304	1.25	cps
Neodymium	150-2	7242	7329	7522	7364	1.95	cps
Nickel	60-2	7639	7415	7499	7518	1.50	cps
Phosphorus	31-2	1400	1308	1467	1392	5.71	cps
Potassium	39-2	310957	301526	306057	306180	1.54	cps
Rhodium	103-1	9017307	9200412	9316131	9177950	1.64	cps
Rhodium	103-2	3864917	3755419	3795413	3805250	1.46	cps
Scandium	45-1	7633971	7884350	7711568	7743296	1.66	cps
Scandium	45-2	214672	206544	204405	208540	2.60	cps
Selenium	82-1	634	651	624	636	2.12	cps
Selenium	77-2	27	47	37	37	27.27	cps
Selenium	78-2	78	86	74	79	7.70	cps
Silicon	28-1	127774911	124968007	130753453	127832124	2.26	cps
Silver	107-1	350	400	375	375	6.67	cps
Silver	109-1	408	283	383	358	18.46	cps
Sodium	23-2	46855764	48546484	46844448	47415565	2.07	cps
Strontium	86-1	1208149	1206250	1197268	1203889	0.48	cps
Strontium	88-1	10303910	10622170	10468751	10464943	1.52	cps
Sulfur	34-1	526120	514492	514373	518328	1.30	cps
Terbium	159-1	11609294	11619738	11527444	11585492	0.44	cps
Terbium	159-2	4492924	4286569	4398615	4392703	2.35	cps
Thallium	203-1	808	708	892	803	11.43	cps
Thallium	205-1	2034	1925	2075	2011	3.85	cps
Tin	118-1	3692	3992	3926	3870	4.07	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-03	Instrumnet Name :	P8
Client Sample ID :	SB-2-GW	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:03:04	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	351661	355463	345391	350838	1.45	cps
Uranium	238-1	11164	10380	10246	10596	4.68	cps
Vanadium	51-2	38021	37843	37419	37761	0.82	cps
Ytterbium	172-1	4609	4534	4618	4587	1.00	cps
Ytterbium	172-2	2056	1950	2474	2160	12.81	cps
Ytterbium	176-1	4376	4518	4543	4479	2.01	cps
Ytterbium	176-2	2306	2178	2211	2232	2.97	cps
Yttrium	89-1	14158496	14894369	14893563	14648809	2.90	cps
Yttrium	89-2	1351113	1322569	1320531	1331404	1.28	cps
Zinc	66-2	15538	15837	16000	15792	1.48	cps
Zirconium	90-1	23973	30172	28085	27410	11.51	cps
Zirconium	91-1	5893	6110	5260	5754	7.68	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-04	Instrumnet Name :	P8
Client Sample ID :	MW-8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:06:03	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217598	210414	211578	213197	1.81	cps
Antimony	121-1	1817	1617	1709	1714	5.84	cps
Arsenic	75-2	195	217	190	201	7.16	cps
Barium	135-1	106795	109327	105889	107337	1.66	cps
Barium	137-1	185023	191789	185885	187565	1.96	cps
Beryllium	9-1	386	424	370	393	7.05	cps
Bismuth	209-1	6489104	6204495	6406156	6366585	2.30	cps
Bismuth	209-2	2850385	3002505	2909480	2920790	2.63	cps
Boron	10-1	28486	28682	29438	28869	1.74	cps
Boron	11-1	130251	132103	135136	132497	1.86	cps
Bromine	81-1	61779	66787	68063	65543	5.07	cps
Cadmium	111-1	885	833	876	864	3.19	cps
Cadmium	106-1	4092	3842	4142	4026	3.99	cps
Cadmium	108-1	54	63	46	54	15.39	cps
Calcium	43-1	1093600	1109958	1078573	1094044	1.43	cps
Calcium	44-1	18301387	17852753	18033109	18062416	1.25	cps
Carbon	12-1	11711751	12466896	12665528	12281392	4.10	cps
Carbon	12-2	137734	133361	140072	137056	2.49	cps
Chlorine	35-1	3046649	3032296	3072367	3050438	0.67	cps
Chlorine	35-2	21091	21316	21158	21188	0.55	cps
Chromium	52-2	13263	13176	13466	13302	1.12	cps
Cobalt	59-2	5431	5524	5394	5450	1.23	cps
Copper	63-2	22768	22134	22448	22450	1.41	cps
Dysprosium	156-1	4534	4359	4701	4531	3.77	cps
Dysprosium	156-2	1630	1683	1740	1685	3.27	cps
Erbium	164-1	4493	4459	4468	4473	0.39	cps
Erbium	164-2	1590	1650	1607	1616	1.92	cps
Gadolinium	160-1	4701	4318	4659	4559	4.61	cps
Gadolinium	160-2	2077	2050	1964	2030	2.92	cps
Holmium	165-1	11151335	11032227	11498259	11227274	2.16	cps
Holmium	165-2	4102138	4332516	4283585	4239413	2.86	cps
Indium	115-1	10424909	10107310	10418575	10316931	1.76	cps
Indium	115-2	1256465	1305558	1286275	1282766	1.93	cps
Iron	54-2	338347	333459	331578	334461	1.04	cps
Iron	56-2	6317581	6161268	6241557	6240135	1.25	cps
Iron	57-2	152705	151763	153559	152676	0.59	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-04	Instrumnet Name :	P8
Client Sample ID :	MW-8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:06:03	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1080	1093	1105	2.85	cps
Lead	206-1	29228	29679	30403	29770	1.99	cps
Lead	207-1	24234	25742	25709	25229	3.41	cps
Lead	208-1	115723	118335	116938	116999	1.12	cps
Lithium	6-1	5180792	5177652	5233185	5197209	0.60	cps
Magnesium	24-2	1859780	1742953	1788702	1797145	3.28	cps
Manganese	55-2	35183	35090	34689	34987	0.75	cps
Molybdenum	94-1	78700	10838	8495	32678	122.02	cps
Molybdenum	95-1	1075	1242	1042	1120	9.57	cps
Molybdenum	96-1	3076	3025	2867	2989	3.64	cps
Molybdenum	97-1	733	800	792	775	4.69	cps
Molybdenum	98-1	1834	1792	1950	1859	4.42	cps
Neodymium	150-1	7175	7622	7469	7422	3.06	cps
Neodymium	150-2	2074	1970	2080	2041	3.02	cps
Nickel	60-2	4197	4484	4617	4433	4.84	cps
Phosphorus	31-2	533	600	542	558	6.51	cps
Potassium	39-2	1101263	1094133	1112827	1102741	0.86	cps
Rhodium	103-1	9743802	9503446	9541631	9596293	1.35	cps
Rhodium	103-2	3710542	3856516	3889228	3818762	2.49	cps
Scandium	45-1	7655079	7464543	7734080	7617901	1.82	cps
Scandium	45-2	203242	206544	208072	205953	1.20	cps
Selenium	82-1	1296	1338	1351	1329	2.17	cps
Selenium	77-2	43	10	10	21	91.16	cps
Selenium	78-2	113	128	113	118	7.34	cps
Silicon	28-1	85827996	84236508	80181400	83415301	3.49	cps
Silver	107-1	242	192	225	219	11.60	cps
Silver	109-1	275	258	267	267	3.13	cps
Sodium	23-2	6487044	6272702	6440600	6400115	1.76	cps
Strontium	86-1	410448	407324	410335	409369	0.43	cps
Strontium	88-1	3569259	3635212	3665748	3623407	1.36	cps
Sulfur	34-1	542939	539982	546610	543177	0.61	cps
Terbium	159-1	11580753	11237179	11630273	11482735	1.86	cps
Terbium	159-2	4206020	4393670	4260912	4286867	2.25	cps
Thallium	203-1	942	783	875	867	9.17	cps
Thallium	205-1	2134	2225	2217	2192	2.31	cps
Tin	118-1	4976	4259	4201	4479	9.64	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-04	Instrumnet Name :	P8
Client Sample ID :	MW-8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:06:03	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175005	178021	199755	184260	7.33	cps
Uranium	238-1	9220	8453	8837	8837	4.34	cps
Vanadium	51-2	18362	17995	18215	18191	1.02	cps
Ytterbium	172-1	1600	1433	1709	1581	8.77	cps
Ytterbium	172-2	561	583	722	622	14.03	cps
Ytterbium	176-1	2425	2575	2592	2531	3.63	cps
Ytterbium	176-2	1239	1195	1222	1219	1.84	cps
Yttrium	89-1	14601924	14668732	14918792	14729816	1.13	cps
Yttrium	89-2	1266299	1316110	1294534	1292315	1.93	cps
Zinc	66-2	16976	17431	17424	17277	1.51	cps
Zirconium	90-1	23178	28738	51121	34345	43.07	cps
Zirconium	91-1	5896	6129	5544	5856	5.02	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05	Instrumnet Name :	P8
Client Sample ID :	MW-8D	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:09:02	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9695	6636	6497	7609	23.76	cps
Antimony	121-1	400	417	333	383	11.50	cps
Arsenic	75-2	526	554	533	538	2.71	cps
Barium	135-1	136762	138076	139438	138092	0.97	cps
Barium	137-1	242050	244699	237792	241514	1.44	cps
Beryllium	9-1	60	56	48	55	11.18	cps
Bismuth	209-1	6485273	6454041	6147953	6362422	2.93	cps
Bismuth	209-2	3085384	2930413	2911707	2975835	3.20	cps
Boron	10-1	43796	47014	48498	46436	5.18	cps
Boron	11-1	198404	211157	223171	210911	5.87	cps
Bromine	81-1	72802	84991	88287	82027	9.94	cps
Cadmium	111-1	827	799	826	817	1.93	cps
Cadmium	106-1	3967	3801	3859	3876	2.18	cps
Cadmium	108-1	29	33	42	35	18.33	cps
Calcium	43-1	1482348	1525918	1490209	1499492	1.55	cps
Calcium	44-1	24092099	24313644	24114557	24173433	0.50	cps
Carbon	12-1	11302954	12014769	12516402	11944708	5.10	cps
Carbon	12-2	128864	129730	128754	129116	0.41	cps
Chlorine	35-1	3094468	3421736	3550711	3355638	7.01	cps
Chlorine	35-2	24763	25865	27744	26124	5.77	cps
Chromium	52-2	2157	1690	1727	1858	13.97	cps
Cobalt	59-2	14511	14100	13660	14090	3.02	cps
Copper	63-2	6418	4184	4127	4910	26.61	cps
Dysprosium	156-1	492	583	600	558	10.45	cps
Dysprosium	156-2	197	220	190	202	7.79	cps
Erbium	164-1	633	633	708	658	6.58	cps
Erbium	164-2	320	317	217	284	20.65	cps
Gadolinium	160-1	642	692	567	633	9.93	cps
Gadolinium	160-2	287	203	233	241	17.50	cps
Holmium	165-1	11356288	11571099	11111867	11346418	2.03	cps
Holmium	165-2	4478829	4526615	4244074	4416506	3.42	cps
Indium	115-1	10286594	10160845	10426147	10291195	1.29	cps
Indium	115-2	1311641	1307281	1288348	1302423	0.95	cps
Iron	54-2	291452	282099	279851	284467	2.16	cps
Iron	56-2	5436818	5258989	5334611	5343473	1.67	cps
Iron	57-2	130786	128047	126927	128587	1.54	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05	Instrumnet Name :	P8
Client Sample ID :	MW-8D	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:09:02	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	977	1113	1051	6.58	cps
Lead	206-1	1217	1339	1445	1333	8.55	cps
Lead	207-1	1078	1200	1189	1156	5.85	cps
Lead	208-1	5212	5256	5484	5317	2.75	cps
Lithium	6-1	5349248	5505477	5159687	5338137	3.24	cps
Magnesium	24-2	3843028	3921022	3832046	3865366	1.26	cps
Manganese	55-2	2437512	2447670	2391379	2425520	1.24	cps
Molybdenum	94-1	2059	1925	2334	2106	9.89	cps
Molybdenum	95-1	2600	2767	2734	2700	3.27	cps
Molybdenum	96-1	3252	2725	2809	2929	9.66	cps
Molybdenum	97-1	1508	1517	1375	1467	5.42	cps
Molybdenum	98-1	3892	4009	3859	3920	2.01	cps
Neodymium	150-1	640	533	600	591	9.12	cps
Neodymium	150-2	203	137	200	180	20.87	cps
Nickel	60-2	2117	1927	1987	2010	4.83	cps
Phosphorus	31-2	242	283	308	278	12.12	cps
Potassium	39-2	447499	443803	440339	443880	0.81	cps
Rhodium	103-1	9712532	9570676	9543993	9609067	0.94	cps
Rhodium	103-2	3959642	3799211	3822560	3860471	2.25	cps
Scandium	45-1	7653745	7723414	7440446	7605868	1.94	cps
Scandium	45-2	211588	209624	204328	208513	1.80	cps
Selenium	82-1	632	681	667	660	3.85	cps
Selenium	77-2	13	7	10	10	33.30	cps
Selenium	78-2	58	65	70	64	9.37	cps
Silicon	28-1	83610319	85710554	85894600	85071824	1.49	cps
Silver	107-1	183	142	150	158	13.92	cps
Silver	109-1	58	133	83	92	41.66	cps
Sodium	23-2	22435856	22616258	22122979	22391698	1.11	cps
Strontium	86-1	560297	574074	560144	564838	1.42	cps
Strontium	88-1	4978642	4990162	4935205	4968003	0.58	cps
Sulfur	34-1	710651	724557	715748	716986	0.98	cps
Terbium	159-1	11940610	11796330	11775804	11837581	0.76	cps
Terbium	159-2	4568199	4395477	4377848	4447175	2.37	cps
Thallium	203-1	358	450	367	392	12.94	cps
Thallium	205-1	992	1017	808	939	12.12	cps
Tin	118-1	1508	1492	1408	1470	3.65	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05	Instrumnet Name :	P8
Client Sample ID :	MW-8D	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:09:02	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7211	7319	6627	7052	5.28	cps
Uranium	238-1	7594	8753	8186	8178	7.09	cps
Vanadium	51-2	3144	2767	2800	2904	7.19	cps
Ytterbium	172-1	500	392	475	456	12.45	cps
Ytterbium	172-2	289	222	189	233	21.83	cps
Ytterbium	176-1	1700	1675	1809	1728	4.10	cps
Ytterbium	176-2	1078	1061	1050	1063	1.31	cps
Yttrium	89-1	14914714	14810439	14589276	14771476	1.13	cps
Yttrium	89-2	1315740	1317644	1305880	1313088	0.48	cps
Zinc	66-2	2763	2464	2478	2568	6.57	cps
Zirconium	90-1	2317	3087	2292	2565	17.62	cps
Zirconium	91-1	508	550	425	494	12.87	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05DUP	Instrumnet Name :	P8
Client Sample ID :	MW-8DDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:12:02	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6356	6508	6611	6492	1.98	cps
Antimony	121-1	350	350	292	331	10.19	cps
Arsenic	75-2	495	449	509	484	6.48	cps
Barium	135-1	138470	139043	135575	137696	1.35	cps
Barium	137-1	238649	242219	239226	240031	0.80	cps
Beryllium	9-1	64	84	62	70	17.37	cps
Bismuth	209-1	6361263	6155028	6123776	6213355	2.08	cps
Bismuth	209-2	2836764	2895583	2866883	2866410	1.03	cps
Boron	10-1	43708	46767	47896	46124	4.70	cps
Boron	11-1	202468	217543	221185	213732	4.64	cps
Bromine	81-1	68275	78367	81206	75949	8.95	cps
Cadmium	111-1	766	836	860	820	5.98	cps
Cadmium	106-1	3626	3859	4076	3853	5.84	cps
Cadmium	108-1	38	4	25	22	75.77	cps
Calcium	43-1	1521875	1496029	1499883	1505929	0.93	cps
Calcium	44-1	23791356	24355164	24172984	24106501	1.19	cps
Carbon	12-1	11137780	11711970	12144030	11664593	4.33	cps
Carbon	12-2	129803	129258	131905	130322	1.07	cps
Chlorine	35-1	3111836	3341695	3561049	3338194	6.73	cps
Chlorine	35-2	25623	25423	26784	25943	2.83	cps
Chromium	52-2	1367	1620	1560	1516	8.74	cps
Cobalt	59-2	13223	13283	13783	13430	2.29	cps
Copper	63-2	4011	3891	4137	4013	3.07	cps
Dysprosium	156-1	500	592	508	533	9.50	cps
Dysprosium	156-2	187	187	163	179	7.53	cps
Erbium	164-1	658	708	700	689	3.89	cps
Erbium	164-2	213	220	213	216	1.78	cps
Gadolinium	160-1	800	617	633	683	14.84	cps
Gadolinium	160-2	280	227	267	258	10.77	cps
Holmium	165-1	11094376	11130027	10926431	11050278	0.98	cps
Holmium	165-2	4257115	4167934	4295554	4240201	1.54	cps
Indium	115-1	10120951	9928137	9943555	9997548	1.07	cps
Indium	115-2	1265582	1261301	1268935	1265273	0.30	cps
Iron	54-2	275744	280514	275196	277151	1.06	cps
Iron	56-2	5318871	5180100	5161545	5220172	1.65	cps
Iron	57-2	128636	126013	125480	126709	1.33	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05DUP	Instrumnet Name :	P8
Client Sample ID :	MW-8DDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:12:02	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1170	1173	1128	6.74	cps
Lead	206-1	1122	1145	1228	1165	4.78	cps
Lead	207-1	1017	883	861	920	9.14	cps
Lead	208-1	4573	4478	4300	4450	3.11	cps
Lithium	6-1	5291556	5333380	5095807	5240248	2.42	cps
Magnesium	24-2	3830214	3777473	3828469	3812052	0.79	cps
Manganese	55-2	2371631	2296650	2316066	2328116	1.67	cps
Molybdenum	94-1	2009	2334	2242	2195	7.64	cps
Molybdenum	95-1	2509	2300	2367	2392	4.45	cps
Molybdenum	96-1	2725	2775	2684	2728	1.68	cps
Molybdenum	97-1	1608	1058	1467	1378	20.73	cps
Molybdenum	98-1	3867	3517	3734	3706	4.77	cps
Neodymium	150-1	660	633	607	633	4.21	cps
Neodymium	150-2	197	140	183	173	17.09	cps
Nickel	60-2	1803	1717	1820	1780	3.12	cps
Phosphorus	31-2	192	333	300	275	26.94	cps
Potassium	39-2	427299	422921	429681	426634	0.80	cps
Rhodium	103-1	9510018	9439262	9364192	9437824	0.77	cps
Rhodium	103-2	3714813	3739229	3687403	3713815	0.70	cps
Scandium	45-1	7422060	7525538	7519573	7489057	0.78	cps
Scandium	45-2	201737	201335	201039	201370	0.17	cps
Selenium	82-1	726	594	633	651	10.43	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	67	58	53	59	11.96	cps
Silicon	28-1	85289835	85684106	84729454	85234465	0.56	cps
Silver	107-1	158	125	117	133	16.54	cps
Silver	109-1	75	125	75	92	31.49	cps
Sodium	23-2	22087923	21893743	22188503	22056723	0.68	cps
Strontium	86-1	560268	566574	562749	563197	0.56	cps
Strontium	88-1	4890107	4897980	4825732	4871273	0.81	cps
Sulfur	34-1	718859	718025	714082	716989	0.36	cps
Terbium	159-1	11912432	11778089	11478668	11723063	1.89	cps
Terbium	159-2	4236732	4213137	4233721	4227864	0.30	cps
Thallium	203-1	325	492	317	378	26.13	cps
Thallium	205-1	900	933	850	894	4.69	cps
Tin	118-1	1017	1092	1258	1122	11.02	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05DUP	Instrumnet Name :	P8
Client Sample ID :	MW-8DDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:12:02	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7128	6652	6877	6886	3.46	cps
Uranium	238-1	8495	8353	8570	8473	1.30	cps
Vanadium	51-2	2680	2617	2977	2758	6.97	cps
Ytterbium	172-1	575	575	508	553	6.96	cps
Ytterbium	172-2	200	200	194	198	1.62	cps
Ytterbium	176-1	1942	1842	1475	1753	14.02	cps
Ytterbium	176-2	828	822	839	830	1.02	cps
Yttrium	89-1	14596891	14441714	13999075	14345893	2.16	cps
Yttrium	89-2	1264645	1272992	1277419	1271685	0.51	cps
Zinc	66-2	946	851	922	906	5.43	cps
Zirconium	90-1	2142	2075	1950	2056	4.74	cps
Zirconium	91-1	442	458	425	442	3.77	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : M2799-05LX5 Instrumnet Name : P8
 Client Sample ID : MW-8DL Dilution Factor : 5
 Date & Time Acquired :: 2021-06-28 15:14:59 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4036	4256	4000	4098	3.39	cps
Antimony	121-1	150	158	183	164	10.59	cps
Arsenic	75-2	110	111	110	110	0.52	cps
Barium	135-1	26193	26702	26460	26451	0.96	cps
Barium	137-1	45393	45887	46598	45959	1.32	cps
Beryllium	9-1	38	46	62	49	25.12	cps
Bismuth	209-1	6388136	6594293	6424392	6468940	1.70	cps
Bismuth	209-2	2935065	3000053	3006834	2980651	1.33	cps
Boron	10-1	13704	14324	14064	14031	2.22	cps
Boron	11-1	64379	64805	63863	64349	0.73	cps
Bromine	81-1	46263	44144	43582	44663	3.17	cps
Cadmium	111-1	849	855	816	840	2.49	cps
Cadmium	106-1	4301	4226	4117	4215	2.19	cps
Cadmium	108-1	33	33	46	37	19.25	cps
Calcium	43-1	283552	281631	280876	282020	0.49	cps
Calcium	44-1	4810450	4670828	4797293	4759524	1.62	cps
Carbon	12-1	7086437	7344058	7138602	7189699	1.89	cps
Carbon	12-2	72094	73182	71960	72412	0.93	cps
Chlorine	35-1	2063680	2045222	2033383	2047428	0.75	cps
Chlorine	35-2	12989	13014	13598	13201	2.61	cps
Chromium	52-2	1047	1050	1060	1052	0.66	cps
Cobalt	59-2	2580	2700	2694	2658	2.54	cps
Copper	63-2	1180	1207	1117	1168	3.96	cps
Dysprosium	156-1	117	92	133	114	18.41	cps
Dysprosium	156-2	43	33	33	37	15.75	cps
Erbium	164-1	158	242	183	194	21.99	cps
Erbium	164-2	77	37	63	59	34.58	cps
Gadolinium	160-1	108	183	175	156	26.43	cps
Gadolinium	160-2	97	60	40	66	43.84	cps
Holmium	165-1	11106278	11235878	11054601	11132252	0.84	cps
Holmium	165-2	4242116	4342177	4353592	4312628	1.42	cps
Indium	115-1	10235928	10235495	9661618	10044347	3.30	cps
Indium	115-2	1265786	1291950	1296725	1284820	1.30	cps
Iron	54-2	54794	55597	54236	54875	1.25	cps
Iron	56-2	1011059	1000469	999893	1003807	0.63	cps
Iron	57-2	24700	25245	24566	24837	1.45	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05LX5	Instrumnet Name :	P8
Client Sample ID :	MW-8DL	Dilution Factor :	5
Date & Time Acquired ::	2021-06-28 15:14:59	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1110	1137	1120	1.30	cps
Lead	206-1	667	672	628	656	3.69	cps
Lead	207-1	600	689	728	672	9.74	cps
Lead	208-1	2745	2922	2650	2772	4.99	cps
Lithium	6-1	5305942	5285891	5407390	5333074	1.22	cps
Magnesium	24-2	742432	724543	748839	738605	1.70	cps
Manganese	55-2	450105	455714	454204	453341	0.64	cps
Molybdenum	94-1	492	683	708	628	18.88	cps
Molybdenum	95-1	483	492	467	481	2.65	cps
Molybdenum	96-1	617	683	708	669	7.08	cps
Molybdenum	97-1	308	408	442	386	17.97	cps
Molybdenum	98-1	792	817	833	814	2.58	cps
Neodymium	150-1	140	140	120	133	8.66	cps
Neodymium	150-2	27	33	27	29	13.31	cps
Nickel	60-2	563	513	627	568	10.00	cps
Phosphorus	31-2	75	133	150	119	32.97	cps
Potassium	39-2	97117	99635	98805	98519	1.30	cps
Rhodium	103-1	9519979	9830716	9399331	9583342	2.32	cps
Rhodium	103-2	3705116	3908376	4016176	3876556	4.07	cps
Scandium	45-1	7615950	7699471	7564485	7626635	0.89	cps
Scandium	45-2	198981	200899	205128	201669	1.56	cps
Selenium	82-1	450	507	513	490	7.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	35	53	62	50	27.50	cps
Silicon	28-1	24853853	25376850	24993068	25074590	1.08	cps
Silver	107-1	83	117	133	111	22.91	cps
Silver	109-1	50	25	75	50	50.00	cps
Sodium	23-2	4267383	4219619	4302712	4263238	0.98	cps
Strontium	86-1	111551	108486	108654	109564	1.57	cps
Strontium	88-1	933091	933390	929145	931875	0.25	cps
Sulfur	34-1	477490	475283	478736	477170	0.37	cps
Terbium	159-1	11871253	11824054	11720047	11805118	0.66	cps
Terbium	159-2	4383615	4252682	4276642	4304313	1.62	cps
Thallium	203-1	242	300	350	297	18.24	cps
Thallium	205-1	858	725	792	792	8.42	cps
Tin	118-1	942	958	925	942	1.77	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05LX5	Instrumnet Name :	P8
Client Sample ID :	MW-8DL	Dilution Factor :	5
Date & Time Acquired ::	2021-06-28 15:14:59	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1625	1684	1967	1759	10.41	cps
Uranium	238-1	1550	1692	1617	1620	4.38	cps
Vanadium	51-2	537	533	577	549	4.39	cps
Ytterbium	172-1	42	75	75	64	30.12	cps
Ytterbium	172-2	44	67	89	67	33.33	cps
Ytterbium	176-1	1650	1725	1467	1614	8.23	cps
Ytterbium	176-2	683	789	928	800	15.33	cps
Yttrium	89-1	14386320	14683156	14496055	14521844	1.03	cps
Yttrium	89-2	1269101	1283313	1280315	1277576	0.59	cps
Zinc	66-2	716	736	687	713	3.51	cps
Zirconium	90-1	1092	7433	1092	3205	114.21	cps
Zirconium	91-1	150	183	200	178	14.32	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MSD	Instrumnet Name :	P8
Client Sample ID :	MW-8DMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:27:04	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	535292	521683	527747	528241	1.29	cps
Antimony	121-1	3027172	3045075	3077645	3049964	0.84	cps
Arsenic	75-2	85056	84756	84892	84902	0.18	cps
Barium	135-1	4348492	4373439	4347874	4356602	0.33	cps
Barium	137-1	7459329	7442588	7371792	7424570	0.63	cps
Beryllium	9-1	1144415	1133648	1167668	1148577	1.51	cps
Bismuth	209-1	5785009	5820854	6103254	5903039	2.95	cps
Bismuth	209-2	2657016	2690269	2676226	2674504	0.62	cps
Boron	10-1	148560	160508	167731	158933	6.09	cps
Boron	11-1	674599	709836	770752	718396	6.77	cps
Bromine	81-1	60552	69120	72511	67394	9.14	cps
Cadmium	111-1	770970	797886	801912	790256	2.13	cps
Cadmium	106-1	91134	94221	93584	92980	1.75	cps
Cadmium	108-1	61834	62784	64634	63084	2.26	cps
Calcium	43-1	2464464	2527771	2491807	2494681	1.27	cps
Calcium	44-1	40221026	41804054	40703849	40909643	1.98	cps
Carbon	12-1	11360545	12038472	12625580	12008199	5.27	cps
Carbon	12-2	138264	137028	139585	138292	0.92	cps
Chlorine	35-1	2017965	2256444	2465934	2246781	9.98	cps
Chlorine	35-2	18053	18879	20298	19077	5.95	cps
Chromium	52-2	905773	894819	898359	899651	0.62	cps
Cobalt	59-2	1657958	1666775	1695817	1673517	1.18	cps
Copper	63-2	13559531	13550287	13343831	13484550	0.90	cps
Dysprosium	156-1	608	558	675	614	9.53	cps
Dysprosium	156-2	220	280	267	256	12.33	cps
Erbium	164-1	642	700	683	675	4.45	cps
Erbium	164-2	250	270	217	246	10.97	cps
Gadolinium	160-1	733	717	825	758	7.69	cps
Gadolinium	160-2	340	333	267	313	12.94	cps
Holmium	165-1	10442003	10351836	10832266	10542035	2.42	cps
Holmium	165-2	3986025	4109397	4070219	4055214	1.55	cps
Indium	115-1	9242896	9186821	9695113	9374943	2.97	cps
Indium	115-2	1154222	1214186	1198116	1188841	2.61	cps
Iron	54-2	2435351	2393971	2425954	2418426	0.90	cps
Iron	56-2	43921577	43400836	43235912	43519442	0.82	cps
Iron	57-2	1054192	1054418	1046436	1051682	0.43	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MSD	Instrumnet Name :	P8
Client Sample ID :	MW-8DMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:27:04	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1180	1223	1161	6.33	cps
Lead	206-1	11162775	11636014	11580195	11459661	2.26	cps
Lead	207-1	10032062	10411860	10383488	10275803	2.06	cps
Lead	208-1	45488246	46911525	46635121	46344964	1.63	cps
Lithium	6-1	4919318	4998210	5186947	5034825	2.73	cps
Magnesium	24-2	11433331	11079898	11178087	11230439	1.62	cps
Manganese	55-2	7545424	7499908	7463365	7502899	0.55	cps
Molybdenum	94-1	7774024	7950436	7980322	7901594	1.41	cps
Molybdenum	95-1	9689916	9863556	9827630	9793701	0.94	cps
Molybdenum	96-1	10824650	11069792	11013609	10969350	1.17	cps
Molybdenum	97-1	5943590	6192079	6059695	6065121	2.05	cps
Molybdenum	98-1	15509591	15812234	15781825	15701217	1.06	cps
Neodymium	150-1	733	760	767	753	2.34	cps
Neodymium	150-2	197	143	147	162	18.42	cps
Nickel	60-2	424413	431249	426941	427534	0.81	cps
Phosphorus	31-2	300	258	292	283	7.78	cps
Potassium	39-2	3163782	3120231	3194987	3159667	1.19	cps
Rhodium	103-1	8859723	8696268	9032660	8862884	1.90	cps
Rhodium	103-2	3442504	3584365	3544301	3523723	2.08	cps
Scandium	45-1	7207456	7268142	7353809	7276469	1.01	cps
Scandium	45-2	192871	200610	195974	196485	1.98	cps
Selenium	82-1	64706	66361	66088	65718	1.35	cps
Selenium	77-2	1663	1737	1520	1640	6.72	cps
Selenium	78-2	5570	5579	5376	5508	2.08	cps
Silicon	28-1	82189529	82793769	85169608	83384302	1.89	cps
Silver	107-1	3501567	3373261	3399889	3424906	1.98	cps
Silver	109-1	3280899	3989335	3838605	3702947	10.08	cps
Sodium	23-2	36756583	35732377	35858954	36115971	1.55	cps
Strontium	86-1	12877417	13152625	13062274	13030772	1.08	cps
Strontium	88-1	110821957	111539365	113895190	112085504	1.43	cps
Sulfur	34-1	703662	713090	722723	713158	1.34	cps
Terbium	159-1	10905246	11147732	11472937	11175305	2.55	cps
Terbium	159-2	4021180	4148939	4065798	4078639	1.59	cps
Thallium	203-1	2660916	2727944	2702785	2697215	1.26	cps
Thallium	205-1	6155655	6306820	6353645	6272040	1.65	cps
Tin	118-1	2890689	2913550	2980841	2928360	1.60	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MSD	Instrumnet Name :	P8
Client Sample ID :	MW-8DMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:27:04	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2976322	3073290	3039785	3029799	1.63	cps
Uranium	238-1	8098333	8274087	8346576	8239665	1.55	cps
Vanadium	51-2	735453	727363	732518	731778	0.56	cps
Ytterbium	172-1	508	425	408	447	11.98	cps
Ytterbium	172-2	189	122	139	150	23.13	cps
Ytterbium	176-1	1517	1658	1734	1636	6.73	cps
Ytterbium	176-2	983	1133	1000	1039	7.91	cps
Yttrium	89-1	13593475	13349780	13905722	13616326	2.05	cps
Yttrium	89-2	1196528	1260617	1215116	1224087	2.69	cps
Zinc	66-2	1601748	1550939	1574370	1575686	1.61	cps
Zirconium	90-1	6262049	6419014	6417272	6366112	1.42	cps
Zirconium	91-1	1444201	1456363	1455430	1451998	0.47	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:35:46	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2799254	2781219	2791991	2790821	0.33	cps
Antimony	121-1	3247055	3246950	3271451	3255152	0.43	cps
Arsenic	75-2	85939	85586	84942	85489	0.59	cps
Barium	135-1	4365406	4343266	4376246	4361639	0.39	cps
Barium	137-1	7384457	7375011	7422365	7393944	0.34	cps
Beryllium	9-1	1203053	1257753	1227094	1229300	2.23	cps
Bismuth	209-1	5985908	6019408	5947327	5984214	0.60	cps
Bismuth	209-2	2738444	2743924	2719265	2733877	0.47	cps
Boron	10-1	124610	128685	138172	130489	5.33	cps
Boron	11-1	555261	587406	608541	583736	4.60	cps
Bromine	81-1	25760	25820	26372	25984	1.30	cps
Cadmium	111-1	810491	810269	798948	806570	0.82	cps
Cadmium	106-1	96127	96320	97982	96810	1.05	cps
Cadmium	108-1	64307	64496	64848	64550	0.42	cps
Calcium	43-1	6333203	6289639	6346117	6322986	0.47	cps
Calcium	44-1	105994566	105957423	105193911	105715300	0.43	cps
Carbon	12-1	7014319	7064181	7292609	7123703	2.08	cps
Carbon	12-2	78410	81459	83136	81002	2.96	cps
Chlorine	35-1	766331	766687	758082	763700	0.64	cps
Chlorine	35-2	5076	4559	5176	4937	6.71	cps
Chromium	52-2	961665	948626	955961	955417	0.68	cps
Cobalt	59-2	1735986	1721221	1712290	1723165	0.69	cps
Copper	63-2	12715565	12808959	12814397	12779640	0.43	cps
Dysprosium	156-1	933	892	775	867	9.47	cps
Dysprosium	156-2	340	390	340	357	8.09	cps
Erbium	164-1	192	258	150	200	27.32	cps
Erbium	164-2	53	60	43	52	16.07	cps
Gadolinium	160-1	958	1033	917	970	6.10	cps
Gadolinium	160-2	403	357	467	409	13.50	cps
Holmium	165-1	11448898	11300125	11195922	11314982	1.12	cps
Holmium	165-2	4343765	4205930	4290715	4280136	1.62	cps
Indium	115-1	9757393	9838603	9745754	9780584	0.52	cps
Indium	115-2	1240893	1227393	1241403	1236563	0.64	cps
Iron	54-2	10672183	10411338	10673895	10585806	1.43	cps
Iron	56-2	188663199	191136243	191445265	190414902	0.80	cps
Iron	57-2	4732721	4862842	4799171	4798245	1.36	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:35:46	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1180	1140	1143	3.07	cps
Lead	206-1	11158880	11260185	11306307	11241791	0.67	cps
Lead	207-1	9671067	9765515	9700814	9712465	0.50	cps
Lead	208-1	44763801	44401925	44805770	44657165	0.50	cps
Lithium	6-1	5197808	5505008	5271222	5324679	3.01	cps
Magnesium	24-2	41697495	42269948	41699039	41888827	0.79	cps
Manganese	55-2	4971917	4881406	4927933	4927085	0.92	cps
Molybdenum	94-1	8162628	8156861	8214099	8177863	0.39	cps
Molybdenum	95-1	9959044	9966423	9884355	9936607	0.46	cps
Molybdenum	96-1	11107814	11225541	11143455	11158937	0.54	cps
Molybdenum	97-1	6115732	6017664	6081047	6071481	0.82	cps
Molybdenum	98-1	15692580	15538700	15975374	15735551	1.41	cps
Neodymium	150-1	273	340	187	267	28.83	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	446402	438867	437837	441035	1.06	cps
Phosphorus	31-2	28320	28671	28787	28593	0.85	cps
Potassium	39-2	13540946	13780879	13859637	13727154	1.21	cps
Rhodium	103-1	8967706	9025625	9051471	9014934	0.48	cps
Rhodium	103-2	3660414	3617217	3668816	3648816	0.76	cps
Scandium	45-1	7674966	7735315	7751834	7720705	0.52	cps
Scandium	45-2	205521	206615	212091	208076	1.69	cps
Selenium	82-1	67415	67314	67267	67332	0.11	cps
Selenium	77-2	1687	1630	1747	1688	3.46	cps
Selenium	78-2	5728	5916	5731	5791	1.86	cps
Silicon	28-1	14007093	14150561	14328682	14162112	1.14	cps
Silver	107-1	4424525	4524665	4425605	4458265	1.29	cps
Silver	109-1	4312129	4230534	4190041	4244234	1.47	cps
Sodium	23-2	78614112	79435443	79179443	79076333	0.53	cps
Strontium	86-1	13384211	13059411	13132490	13192038	1.29	cps
Strontium	88-1	112377769	112514178	111645407	112179118	0.42	cps
Sulfur	34-1	885542	888370	891891	888601	0.36	cps
Terbium	159-1	11720174	11972814	11805088	11832692	1.09	cps
Terbium	159-2	4274835	4239652	4302318	4272268	0.74	cps
Thallium	203-1	2817244	2793490	2790005	2800246	0.53	cps
Thallium	205-1	6479693	6378686	6474539	6444306	0.88	cps
Tin	118-1	2955638	2949223	2928057	2944306	0.49	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:35:46	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3086474	3123595	3113023	3107697	0.62	cps
Uranium	238-1	8678197	8566478	8514248	8586308	0.98	cps
Vanadium	51-2	768744	771053	764225	768007	0.45	cps
Ytterbium	172-1	67	75	50	64	19.92	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	1600	1550	1717	1622	5.27	cps
Ytterbium	176-2	689	806	867	787	11.48	cps
Yttrium	89-1	14606019	14735030	14509360	14616803	0.77	cps
Yttrium	89-2	1281790	1284481	1302352	1289541	0.87	cps
Zinc	66-2	1547825	1556421	1597159	1567135	1.68	cps
Zirconium	90-1	6794473	6757588	6937613	6829891	1.39	cps
Zirconium	91-1	1547229	1553652	1588188	1563023	1.41	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 15:42:13 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	222	255	235	7.45	cps
Antimony	121-1	550	575	642	589	8.05	cps
Arsenic	75-2	10	9	11	10	10.00	cps
Barium	135-1	133	183	175	164	16.34	cps
Barium	137-1	292	233	267	264	11.09	cps
Beryllium	9-1	136	142	160	146	8.56	cps
Bismuth	209-1	6256836	6645969	6039754	6314186	4.86	cps
Bismuth	209-2	2944172	2850464	2920479	2905038	1.68	cps
Boron	10-1	7322	7286	6862	7157	3.58	cps
Boron	11-1	33008	32874	31411	32431	2.73	cps
Bromine	81-1	24727	24627	24938	24764	0.64	cps
Cadmium	111-1	848	828	792	822	3.44	cps
Cadmium	106-1	4117	4026	3876	4006	3.05	cps
Cadmium	108-1	25	33	42	33	25.01	cps
Calcium	43-1	417	511	419	449	11.93	cps
Calcium	44-1	34091	33964	33527	33861	0.87	cps
Carbon	12-1	5442451	5466756	5596270	5501825	1.50	cps
Carbon	12-2	56768	55397	56208	56124	1.23	cps
Chlorine	35-1	558894	544995	539123	547671	1.85	cps
Chlorine	35-2	3667	3492	3250	3470	6.03	cps
Chromium	52-2	887	927	910	908	2.21	cps
Cobalt	59-2	97	80	97	91	10.56	cps
Copper	63-2	830	850	813	831	2.21	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	92	42	56	56.79	cps
Erbium	164-2	10	20	27	19	44.42	cps
Gadolinium	160-1	100	83	42	75	40.06	cps
Gadolinium	160-2	13	47	17	26	71.84	cps
Holmium	165-1	10892462	11272686	10319929	10828359	4.43	cps
Holmium	165-2	4192538	4195807	4199871	4196072	0.09	cps
Indium	115-1	10002883	10072143	9977389	10017472	0.49	cps
Indium	115-2	1278306	1285133	1287314	1283584	0.37	cps
Iron	54-2	628	700	750	693	8.87	cps
Iron	56-2	7663	7936	8353	7984	4.35	cps
Iron	57-2	217	211	150	193	19.21	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:42:13	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1090	1070	1089	1.69	cps
Lead	206-1	1589	1783	1795	1722	6.71	cps
Lead	207-1	1478	1528	1278	1428	9.27	cps
Lead	208-1	6634	7145	6484	6755	5.13	cps
Lithium	6-1	5331440	5414390	5239330	5328386	1.64	cps
Magnesium	24-2	1308	1350	1533	1397	8.57	cps
Manganese	55-2	193	260	217	223	15.15	cps
Molybdenum	94-1	592	642	742	658	11.60	cps
Molybdenum	95-1	550	583	492	542	8.57	cps
Molybdenum	96-1	625	608	558	597	5.81	cps
Molybdenum	97-1	358	292	192	281	29.90	cps
Molybdenum	98-1	708	1017	825	850	18.32	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	50	60	62	21.65	cps
Phosphorus	31-2	158	100	108	122	25.81	cps
Potassium	39-2	20941	20557	20415	20637	1.32	cps
Rhodium	103-1	9639824	9664060	9154867	9486250	3.03	cps
Rhodium	103-2	3875208	3900413	3880827	3885483	0.34	cps
Scandium	45-1	7922931	7663780	7280633	7622448	4.24	cps
Scandium	45-2	201798	203261	203353	202804	0.43	cps
Selenium	82-1	471	453	413	446	6.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	31	49	42	22.69	cps
Silicon	28-1	11145422	11181951	11072794	11133389	0.50	cps
Silver	107-1	625	708	508	614	16.36	cps
Silver	109-1	717	567	425	569	25.61	cps
Sodium	23-2	27718	27309	27410	27479	0.78	cps
Strontium	86-1	2284	2142	2134	2186	3.86	cps
Strontium	88-1	4009	4609	4084	4234	7.72	cps
Sulfur	34-1	440579	445102	438552	441411	0.76	cps
Terbium	159-1	11573210	11517380	11396256	11495615	0.79	cps
Terbium	159-2	4248776	4118281	4279908	4215655	2.03	cps
Thallium	203-1	1083	1192	950	1075	11.26	cps
Thallium	205-1	2742	2559	2534	2611	4.36	cps
Tin	118-1	883	933	833	883	5.66	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:42:13	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	275	308	308	10.81	cps
Uranium	238-1	208	283	325	272	21.72	cps
Vanadium	51-2	33	23	27	28	18.33	cps
Ytterbium	172-1	17	0	8	8	100.02	cps
Ytterbium	172-2	28	22	6	19	62.43	cps
Ytterbium	176-1	1575	1542	1550	1556	1.12	cps
Ytterbium	176-2	767	900	939	869	10.40	cps
Yttrium	89-1	14679866	14402043	14062133	14381347	2.15	cps
Yttrium	89-2	1269383	1273712	1297155	1280083	1.17	cps
Zinc	66-2	378	465	381	408	12.11	cps
Zirconium	90-1	933	1050	967	983	6.11	cps
Zirconium	91-1	183	225	225	211	11.40	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MS	Instrumnet Name :	P8
Client Sample ID :	MW-8DMS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:45:16	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	541535	540449	544708	542231	0.41	cps
Antimony	121-1	3036622	3058324	3090963	3061970	0.89	cps
Arsenic	75-2	86306	86196	85435	85979	0.55	cps
Barium	135-1	4342737	4397185	4396002	4378641	0.71	cps
Barium	137-1	7369623	7442273	7508014	7439970	0.93	cps
Beryllium	9-1	1174294	1207113	1155141	1178850	2.23	cps
Bismuth	209-1	5925320	5806098	5925574	5885664	1.17	cps
Bismuth	209-2	2740257	2754055	2487991	2660768	5.63	cps
Boron	10-1	151988	163938	173345	163090	6.56	cps
Boron	11-1	701539	734696	780105	738780	5.34	cps
Bromine	81-1	58884	62312	66646	62614	6.21	cps
Cadmium	111-1	777049	789953	787581	784861	0.88	cps
Cadmium	106-1	93819	94088	96294	94734	1.43	cps
Cadmium	108-1	62014	63131	63102	62749	1.01	cps
Calcium	43-1	2478153	2435354	2512621	2475376	1.56	cps
Calcium	44-1	41129151	40894646	41670703	41231500	0.97	cps
Carbon	12-1	10853747	11404112	12070269	11442709	5.32	cps
Carbon	12-2	129845	133733	134791	132790	1.96	cps
Chlorine	35-1	1662923	1844146	2023801	1843624	9.79	cps
Chlorine	35-2	15192	17010	17386	16529	7.10	cps
Chromium	52-2	913923	924946	928282	922384	0.81	cps
Cobalt	59-2	1726457	1716400	1692185	1711680	1.03	cps
Copper	63-2	13528864	13814570	13657790	13667075	1.05	cps
Dysprosium	156-1	833	717	758	769	7.68	cps
Dysprosium	156-2	310	267	307	294	8.19	cps
Erbium	164-1	633	733	608	658	10.05	cps
Erbium	164-2	273	213	263	250	12.86	cps
Gadolinium	160-1	758	750	917	808	11.62	cps
Gadolinium	160-2	337	277	307	307	9.78	cps
Holmium	165-1	10570608	10506414	10615393	10564138	0.52	cps
Holmium	165-2	4112334	4179035	3794881	4028750	5.09	cps
Indium	115-1	9426435	9460488	9581175	9489366	0.86	cps
Indium	115-2	1220855	1213902	1101784	1178847	5.67	cps
Iron	54-2	2434871	2461699	2523393	2473321	1.84	cps
Iron	56-2	43823425	43566000	44119459	43836294	0.63	cps
Iron	57-2	1056353	1065985	1076434	1066258	0.94	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : M2799-05MS Instrumnet Name : P8
 Client Sample ID : MW-8DMS Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 15:45:16 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1030	1110	1101	6.09	cps
Lead	206-1	10986853	11072777	11344400	11134677	1.68	cps
Lead	207-1	9995359	9932347	10122443	10016717	0.97	cps
Lead	208-1	44761140	44644946	45959850	45121979	1.61	cps
Lithium	6-1	5119646	5244369	5141242	5168419	1.29	cps
Magnesium	24-2	11312612	11301504	11678772	11430963	1.88	cps
Manganese	55-2	7522153	7542612	7651560	7572108	0.92	cps
Molybdenum	94-1	7804196	7956601	7966367	7909055	1.15	cps
Molybdenum	95-1	9634399	9863186	9983790	9827125	1.81	cps
Molybdenum	96-1	10828878	11071477	10990816	10963724	1.13	cps
Molybdenum	97-1	5977138	6001867	6062240	6013748	0.73	cps
Molybdenum	98-1	15232076	15728821	15755705	15572201	1.89	cps
Neodymium	150-1	680	707	820	736	10.11	cps
Neodymium	150-2	183	140	180	168	14.37	cps
Nickel	60-2	435162	438185	430518	434622	0.89	cps
Phosphorus	31-2	200	233	275	236	15.91	cps
Potassium	39-2	3147747	3207234	3258320	3204433	1.73	cps
Rhodium	103-1	8899996	8918481	8921784	8913420	0.13	cps
Rhodium	103-2	3576873	3600537	3369167	3515526	3.62	cps
Scandium	45-1	7271692	7305039	7376097	7317609	0.73	cps
Scandium	45-2	199855	202214	182878	194982	5.41	cps
Selenium	82-1	64002	65334	65488	64942	1.26	cps
Selenium	77-2	1680	1660	1603	1648	2.41	cps
Selenium	78-2	5521	5486	5555	5520	0.63	cps
Silicon	28-1	84110135	85051702	84368579	84510139	0.58	cps
Silver	107-1	2725319	2665249	3539379	2976649	16.40	cps
Silver	109-1	3364947	3634825	2228514	3076095	24.26	cps
Sodium	23-2	36568940	36915005	37100187	36861378	0.73	cps
Strontium	86-1	12943251	13247653	13153492	13114799	1.19	cps
Strontium	88-1	112555865	112657503	113102653	112772007	0.26	cps
Sulfur	34-1	717532	725347	713874	718918	0.82	cps
Terbium	159-1	11287842	11349528	11340589	11325986	0.29	cps
Terbium	159-2	4114978	4197370	3752288	4021545	5.89	cps
Thallium	203-1	2647615	2718781	2685960	2684119	1.33	cps
Thallium	205-1	6049322	6221179	6225279	6165260	1.63	cps
Tin	118-1	2906908	2882561	2995960	2928477	2.04	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05MS	Instrumnet Name :	P8
Client Sample ID :	MW-8DMS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:45:16	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2994813	3078706	3047484	3040334	1.39	cps
Uranium	238-1	8019670	8066120	8208799	8098196	1.22	cps
Vanadium	51-2	737350	745599	748666	743872	0.79	cps
Ytterbium	172-1	342	433	375	383	12.10	cps
Ytterbium	172-2	211	172	194	193	10.13	cps
Ytterbium	176-1	1583	1717	1700	1667	4.36	cps
Ytterbium	176-2	800	878	733	804	9.00	cps
Yttrium	89-1	13948649	14001986	13881594	13944076	0.43	cps
Yttrium	89-2	1243456	1252117	1124592	1206721	5.91	cps
Zinc	66-2	1605735	1600947	1585898	1597527	0.65	cps
Zirconium	90-1	6504394	6428627	6412299	6448440	0.76	cps
Zirconium	91-1	1460876	1445482	1468409	1458256	0.80	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05A	Instrumnet Name :	P8
Client Sample ID :	MW-8DA	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:48:12	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543481	551973	541986	545813	0.99	cps
Antimony	121-1	3086955	3070242	3142294	3099830	1.22	cps
Arsenic	75-2	87008	87007	86802	86939	0.14	cps
Barium	135-1	4369219	4429336	4411133	4403229	0.70	cps
Barium	137-1	7418604	7561317	7685188	7555037	1.77	cps
Beryllium	9-1	1211750	1175310	1176275	1187778	1.75	cps
Bismuth	209-1	5801055	5884648	6099834	5928512	2.60	cps
Bismuth	209-2	2722325	2855530	2722005	2766620	2.78	cps
Boron	10-1	165663	175512	180240	173805	4.28	cps
Boron	11-1	761134	798959	846519	802204	5.33	cps
Bromine	81-1	66504	73487	78297	72763	8.15	cps
Cadmium	111-1	793225	796923	794337	794828	0.24	cps
Cadmium	106-1	94540	93995	95968	94835	1.07	cps
Cadmium	108-1	62939	62901	64383	63407	1.33	cps
Calcium	43-1	2525438	2502760	2575704	2534634	1.47	cps
Calcium	44-1	41183326	41676761	42681908	41847331	1.82	cps
Carbon	12-1	11437406	11970445	12781555	12063135	5.61	cps
Carbon	12-2	130535	136051	135547	134044	2.28	cps
Chlorine	35-1	2332110	2516831	2745960	2531634	8.19	cps
Chlorine	35-2	19881	20265	21625	20590	4.45	cps
Chromium	52-2	919756	941835	920011	927201	1.37	cps
Cobalt	59-2	1683682	1701090	1721735	1702169	1.12	cps
Copper	63-2	13763051	14010844	13770314	13848070	1.02	cps
Dysprosium	156-1	692	842	733	756	10.25	cps
Dysprosium	156-2	257	250	207	238	11.42	cps
Erbium	164-1	692	717	525	644	16.17	cps
Erbium	164-2	240	200	223	221	9.09	cps
Gadolinium	160-1	650	867	767	761	14.25	cps
Gadolinium	160-2	323	293	310	309	4.87	cps
Holmium	165-1	10294117	10691796	10706266	10564060	2.21	cps
Holmium	165-2	4186017	4279650	4277138	4247602	1.26	cps
Indium	115-1	9466841	9518361	9762503	9582568	1.65	cps
Indium	115-2	1220273	1257314	1227690	1235092	1.59	cps
Iron	54-2	2506473	2568102	2468583	2514386	2.00	cps
Iron	56-2	44855900	45047698	43888925	44597507	1.39	cps
Iron	57-2	1071893	1078187	1057120	1069067	1.01	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05A	Instrumnet Name :	P8
Client Sample ID :	MW-8DA	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:48:12	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1150	1177	1156	1.64	cps
Lead	206-1	11131915	11213626	11680228	11341923	2.61	cps
Lead	207-1	10012079	10082872	10418560	10171170	2.13	cps
Lead	208-1	44764034	45603906	46983724	45783888	2.45	cps
Lithium	6-1	5224046	5138467	5170098	5177537	0.84	cps
Magnesium	24-2	11747993	11788433	11699532	11745319	0.38	cps
Manganese	55-2	7726178	7891970	7629205	7749118	1.71	cps
Molybdenum	94-1	7994117	8033609	8107461	8045062	0.72	cps
Molybdenum	95-1	9947090	10028400	10149455	10041648	1.01	cps
Molybdenum	96-1	10941956	11018599	11174219	11044925	1.07	cps
Molybdenum	97-1	6091002	6061424	6163509	6105312	0.86	cps
Molybdenum	98-1	15743895	15509899	16169280	15807692	2.11	cps
Neodymium	150-1	780	847	860	829	5.17	cps
Neodymium	150-2	233	190	203	209	10.63	cps
Nickel	60-2	435496	444625	434583	438235	1.27	cps
Phosphorus	31-2	283	275	300	286	4.45	cps
Potassium	39-2	3262222	3220161	3233132	3238505	0.67	cps
Rhodium	103-1	8751893	8732621	8961664	8815393	1.44	cps
Rhodium	103-2	3587690	3759375	3684270	3677112	2.34	cps
Scandium	45-1	7340505	7411492	7501174	7417724	1.09	cps
Scandium	45-2	199409	208202	202294	203302	2.20	cps
Selenium	82-1	65715	66345	66719	66259	0.77	cps
Selenium	77-2	1750	1767	1760	1759	0.48	cps
Selenium	78-2	5658	5789	5605	5684	1.67	cps
Silicon	28-1	84893289	84828583	86214062	85311978	0.92	cps
Silver	107-1	3870727	4114605	2537694	3507675	24.20	cps
Silver	109-1	3165189	3596603	3244955	3335582	6.88	cps
Sodium	23-2	37529394	38554383	38012843	38032206	1.35	cps
Strontium	86-1	12924392	13127878	13254867	13102379	1.27	cps
Strontium	88-1	111306515	112177194	114234440	112572716	1.34	cps
Sulfur	34-1	717209	716136	720915	718087	0.35	cps
Terbium	159-1	11281169	11301368	11166644	11249727	0.65	cps
Terbium	159-2	4162242	4365129	4176622	4234664	2.67	cps
Thallium	203-1	2678376	2719319	2756164	2717953	1.43	cps
Thallium	205-1	6192153	6269230	6451932	6304438	2.12	cps
Tin	118-1	2928372	2927148	3034832	2963451	2.09	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	M2799-05A	Instrumnet Name :	P8
Client Sample ID :	MW-8DA	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:48:12	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3024153	3076740	3105406	3068766	1.34	cps
Uranium	238-1	8058974	8124037	8482782	8221931	2.78	cps
Vanadium	51-2	746416	754770	740710	747299	0.95	cps
Ytterbium	172-1	317	408	483	403	20.72	cps
Ytterbium	172-2	183	172	239	198	18.03	cps
Ytterbium	176-1	1784	1617	1892	1764	7.85	cps
Ytterbium	176-2	811	956	817	861	9.50	cps
Yttrium	89-1	13921741	14193051	13834276	13983023	1.34	cps
Yttrium	89-2	1253710	1288987	1255951	1266216	1.56	cps
Zinc	66-2	1591515	1601104	1572939	1588519	0.90	cps
Zirconium	90-1	6301548	6504742	6414247	6406846	1.59	cps
Zirconium	91-1	1463781	1476243	1483731	1474585	0.68	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:56:57	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2794224	2796927	2801903	2797685	0.14	cps
Antimony	121-1	3252533	3241140	3246320	3246664	0.18	cps
Arsenic	75-2	85561	85007	85119	85229	0.34	cps
Barium	135-1	4310410	4318814	4241431	4290218	0.99	cps
Barium	137-1	7367401	7364252	7182355	7304669	1.45	cps
Beryllium	9-1	1253067	1265067	1289154	1269096	1.45	cps
Bismuth	209-1	5983426	6219076	6187961	6130154	2.09	cps
Bismuth	209-2	2732156	2727741	2867120	2775672	2.85	cps
Boron	10-1	125034	132509	138262	131935	5.03	cps
Boron	11-1	569162	610750	628742	602885	5.07	cps
Bromine	81-1	25640	25610	26241	25830	1.38	cps
Cadmium	111-1	809591	817337	804228	810385	0.81	cps
Cadmium	106-1	98073	97520	99853	98482	1.24	cps
Cadmium	108-1	64215	65593	65002	64937	1.06	cps
Calcium	43-1	6355155	6440661	6358047	6384621	0.76	cps
Calcium	44-1	106083075	107321282	106013528	106472628	0.69	cps
Carbon	12-1	6957086	7259421	7439221	7218576	3.38	cps
Carbon	12-2	78779	81753	82129	80887	2.27	cps
Chlorine	35-1	756444	752970	741784	750399	1.02	cps
Chlorine	35-2	4426	4634	4559	4540	2.33	cps
Chromium	52-2	956082	956126	956433	956214	0.02	cps
Cobalt	59-2	1704748	1743918	1736038	1728234	1.20	cps
Copper	63-2	12814171	12716590	12564762	12698508	0.99	cps
Dysprosium	156-1	775	950	925	883	10.71	cps
Dysprosium	156-2	283	373	393	350	16.74	cps
Erbium	164-1	142	192	108	147	28.49	cps
Erbium	164-2	67	57	60	61	8.33	cps
Gadolinium	160-1	817	883	1075	925	14.50	cps
Gadolinium	160-2	440	387	453	427	8.27	cps
Holmium	165-1	10992452	11532663	11336699	11287271	2.42	cps
Holmium	165-2	4204101	4350544	4398109	4317585	2.34	cps
Indium	115-1	9658460	9955951	9969880	9861430	1.78	cps
Indium	115-2	1239958	1233502	1273447	1248969	1.72	cps
Iron	54-2	10462819	10489760	10557312	10503297	0.46	cps
Iron	56-2	196713249	192550410	190251126	193171595	1.70	cps
Iron	57-2	4769848	4784786	4764028	4772887	0.22	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:56:57	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1220	1177	1190	2.19	cps
Lead	206-1	11522965	11646327	11445546	11538279	0.88	cps
Lead	207-1	9922386	10025185	9713153	9886908	1.61	cps
Lead	208-1	45564507	45942149	44946933	45484529	1.10	cps
Lithium	6-1	5283157	5472834	5414265	5390085	1.80	cps
Magnesium	24-2	41786282	41663053	42455545	41968293	1.02	cps
Manganese	55-2	5019361	5046993	4951505	5005953	0.98	cps
Molybdenum	94-1	8157435	8242137	8128426	8175999	0.72	cps
Molybdenum	95-1	10051648	10181612	10006264	10079841	0.90	cps
Molybdenum	96-1	11341810	11157160	11068123	11189031	1.25	cps
Molybdenum	97-1	6285184	6108689	6170711	6188195	1.45	cps
Molybdenum	98-1	16388267	16032992	16050827	16157362	1.24	cps
Neodymium	150-1	300	260	227	262	14.00	cps
Neodymium	150-2	10	17	33	20	60.08	cps
Nickel	60-2	439995	434307	440161	438154	0.76	cps
Phosphorus	31-2	29097	29222	29055	29124	0.30	cps
Potassium	39-2	13994815	14004210	13836066	13945030	0.68	cps
Rhodium	103-1	8969195	9081474	9147575	9066081	0.99	cps
Rhodium	103-2	3623676	3580461	3715250	3639796	1.89	cps
Scandium	45-1	7655107	7899423	7772044	7775525	1.57	cps
Scandium	45-2	207463	210766	211718	209982	1.06	cps
Selenium	82-1	67193	67465	67851	67503	0.49	cps
Selenium	77-2	1800	1873	1800	1825	2.32	cps
Selenium	78-2	5824	5781	5805	5803	0.37	cps
Silicon	28-1	14144909	14199552	14368166	14237543	0.82	cps
Silver	107-1	4474352	4527419	4529543	4510438	0.69	cps
Silver	109-1	4265485	4215936	4222320	4234580	0.64	cps
Sodium	23-2	79419852	78479691	79001718	78967087	0.60	cps
Strontium	86-1	13221419	13190882	13055993	13156098	0.67	cps
Strontium	88-1	113446819	113736148	113514803	113565923	0.13	cps
Sulfur	34-1	918859	910601	907002	912154	0.67	cps
Terbium	159-1	11739031	12136985	12032559	11969525	1.72	cps
Terbium	159-2	4310128	4239798	4328961	4292962	1.09	cps
Thallium	203-1	2814549	2886504	2777532	2826195	1.96	cps
Thallium	205-1	6565277	6680749	6443118	6563048	1.81	cps
Tin	118-1	2947580	3010816	2969463	2975953	1.08	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 15:56:57	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3096387	3116790	3093706	3102294	0.41	cps
Uranium	238-1	8829126	8754166	8836740	8806677	0.52	cps
Vanadium	51-2	770409	759902	763773	764695	0.69	cps
Ytterbium	172-1	42	33	33	36	13.33	cps
Ytterbium	172-2	17	17	17	17	0.00	cps
Ytterbium	176-1	1700	1708	1633	1681	2.45	cps
Ytterbium	176-2	839	906	983	909	7.95	cps
Yttrium	89-1	14263033	14770325	14653239	14562199	1.82	cps
Yttrium	89-2	1288480	1275837	1329555	1297957	2.16	cps
Zinc	66-2	1561794	1578209	1564895	1568299	0.56	cps
Zirconium	90-1	6771763	6843269	6736762	6783931	0.80	cps
Zirconium	91-1	1548183	1582707	1591715	1574202	1.46	cps

LB Number : LB115139 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-28 16:04:29 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	205	204	206	1.60	cps
Antimony	121-1	458	567	592	539	13.15	cps
Arsenic	75-2	13	6	4	8	61.64	cps
Barium	135-1	158	142	67	122	39.95	cps
Barium	137-1	267	225	275	256	10.48	cps
Beryllium	9-1	152	110	152	138	17.57	cps
Bismuth	209-1	6282498	6450621	6302023	6345047	1.45	cps
Bismuth	209-2	3045055	2909440	3025107	2993200	2.45	cps
Boron	10-1	7775	7971	7637	7794	2.15	cps
Boron	11-1	36051	34866	34965	35294	1.86	cps
Bromine	81-1	25158	24587	26302	25349	3.44	cps
Cadmium	111-1	867	838	796	834	4.27	cps
Cadmium	106-1	4251	4042	3742	4012	6.37	cps
Cadmium	108-1	29	17	21	22	28.64	cps
Calcium	43-1	406	409	376	397	4.60	cps
Calcium	44-1	34015	33496	34389	33967	1.32	cps
Carbon	12-1	5600060	5584223	5616329	5600204	0.29	cps
Carbon	12-2	55121	57957	57831	56969	2.81	cps
Chlorine	35-1	516185	520906	514817	517303	0.62	cps
Chlorine	35-2	3292	3159	3367	3273	3.23	cps
Chromium	52-2	850	850	927	876	5.06	cps
Cobalt	59-2	93	103	107	101	6.86	cps
Copper	63-2	693	793	757	748	6.77	cps
Dysprosium	156-1	8	17	58	28	96.44	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	67	83	83	78	12.37	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	92	42	58	64	39.85	cps
Gadolinium	160-2	13	23	30	22	37.76	cps
Holmium	165-1	10910586	10749641	11093653	10917960	1.58	cps
Holmium	165-2	4166013	4208368	4199243	4191208	0.53	cps
Indium	115-1	10150904	10016952	9984478	10050778	0.88	cps
Indium	115-2	1270614	1257498	1263314	1263809	0.52	cps
Iron	54-2	600	600	511	570	9.00	cps
Iron	56-2	6329	6485	6296	6370	1.58	cps
Iron	57-2	217	178	144	180	20.12	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 16:04:29	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1160	1133	1117	1137	1.92	cps
Lead	206-1	1950	1578	1878	1802	10.96	cps
Lead	207-1	1539	1361	1383	1428	6.78	cps
Lead	208-1	7612	6590	6612	6938	8.42	cps
Lithium	6-1	5198903	5566613	5361642	5375719	3.43	cps
Magnesium	24-2	1392	1108	1192	1231	11.83	cps
Manganese	55-2	200	203	237	213	9.50	cps
Molybdenum	94-1	533	642	400	525	23.06	cps
Molybdenum	95-1	508	517	350	458	20.49	cps
Molybdenum	96-1	517	450	533	500	8.82	cps
Molybdenum	97-1	233	342	258	278	20.42	cps
Molybdenum	98-1	800	667	642	703	12.11	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	33	77	40	50	46.67	cps
Phosphorus	31-2	142	142	33	106	59.25	cps
Potassium	39-2	20640	20256	20415	20437	0.94	cps
Rhodium	103-1	9602238	9582966	9563299	9582834	0.20	cps
Rhodium	103-2	3923411	3738074	3775320	3812268	2.57	cps
Scandium	45-1	7497848	7616455	7479659	7531321	0.99	cps
Scandium	45-2	204068	200797	201785	202217	0.83	cps
Selenium	82-1	435	449	383	422	8.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	41	46	43	5.81	cps
Silicon	28-1	11412398	11133249	11442556	11329401	1.51	cps
Silver	107-1	1150	950	550	883	34.59	cps
Silver	109-1	908	692	617	739	20.50	cps
Sodium	23-2	26767	26884	26399	26683	0.95	cps
Strontium	86-1	2292	2142	2175	2203	3.58	cps
Strontium	88-1	3984	3967	3434	3795	8.25	cps
Sulfur	34-1	455488	454890	453434	454604	0.23	cps
Terbium	159-1	11547317	11463654	11406808	11472593	0.62	cps
Terbium	159-2	4159815	4254634	4190107	4201519	1.15	cps
Thallium	203-1	1083	992	733	936	19.39	cps
Thallium	205-1	2417	2567	2400	2461	3.73	cps
Tin	118-1	833	992	2735	1520	69.41	cps

LB Number :	LB115139	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-06-28 16:04:29	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	300	300	303	1.59	cps
Uranium	238-1	308	192	175	225	32.29	cps
Vanadium	51-2	17	33	50	33	50.00	cps
Ytterbium	172-1	0	8	33	14	124.91	cps
Ytterbium	172-2	33	0	6	13	137.74	cps
Ytterbium	176-1	1625	1517	1367	1503	8.63	cps
Ytterbium	176-2	878	850	978	902	7.45	cps
Yttrium	89-1	14213116	14311601	14148200	14224306	0.58	cps
Yttrium	89-2	1272397	1253038	1263251	1262895	0.77	cps
Zinc	66-2	384	367	334	362	7.08	cps
Zirconium	90-1	950	900	1042	964	7.45	cps
Zirconium	91-1	275	183	217	225	20.62	cps