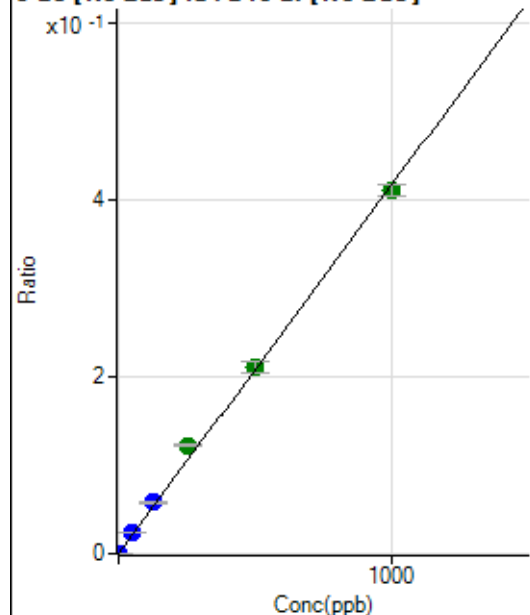


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8081122MS.b\
Analysis File: P8081122MS.batch.bin
DA Date-Time: 2022-08-11 19:48:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-08-11 15:43:01
2	005CALS.d	S02	2022-08-11 15:46:07
3	006CALS.d	S03	2022-08-11 15:49:16
4	007CALS.d	S04	2022-08-11 15:52:23
5	008CALS.d	S05	2022-08-11 15:55:31
6	010CALS.d	S06	2022-08-11 16:01:52
7	011CALS.d	S07	2022-08-11 16:04:58
8	012CALS.d	S08	2022-08-11 16:08:06

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.99	0.0000	P	14.8
2	☐	1.000	1.110	4523.47	0.0005	P	4.0
3	☐	50.000	56.366	225074.49	0.0235	P	2.7
4	☐	125.000	139.601	558510.95	0.0581	P	3.7
5	☐	250.000	293.971	1136748.73	0.1223	A	1.5
6	☐	500.000	504.554	2060781.18	0.2100	A	6.4
7	☐	1000.000	984.587	3789711.22	0.4097	A	3.2
8	☐			547.44	0.0001	P	10.8

$$y = 4.1613\text{E-}004 * x + 6.4531\text{E-}006$$

$$R = 0.9989$$

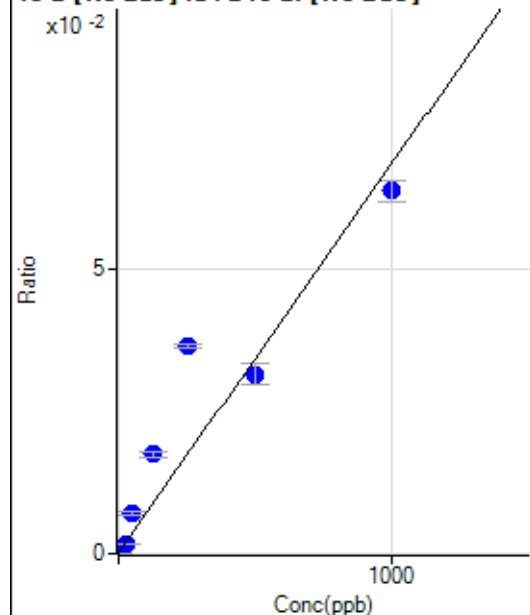
$$DL = 0.006871$$

$$BEC = 0.01551$$

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	1221.15	0.0001	P	4.2
2	☐	25.000	21.890	15685.34	0.0016	P	6.3
3	☐	50.000	101.579	67670.93	0.0071	P	6.7
4	☐	125.000	254.375	167936.62	0.0175	P	6.0
5	☐	250.000	532.381	338594.32	0.0364	P	2.3
6	☐	500.000	459.563	308059.03	0.0315	P	11.2
7	☐	1000.000	930.950	588290.33	0.0636	P	6.2
8	☐			51403.33	0.0061	P	11.7

$$y = 6.8183\text{E-}005 * x + 1.3115\text{E-}004$$

$$R = 0.9426$$

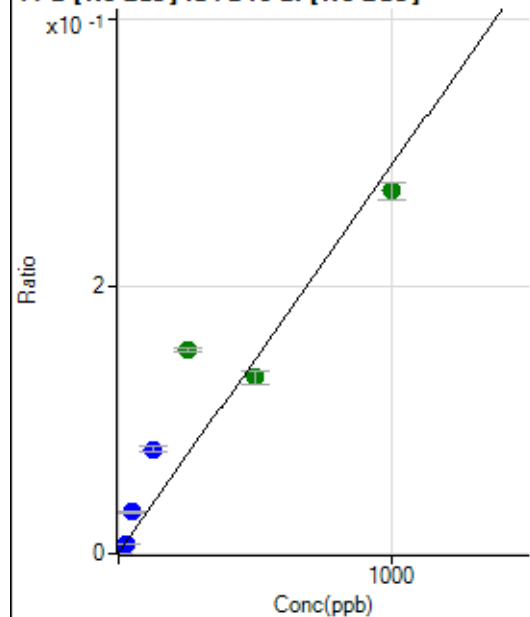
$$DL = 0.2451$$

$$BEC = 1.923$$

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	5421.95	0.0006	P	5.4
2	☐	25.000	23.804	72245.46	0.0075	P	6.2
3	☐	50.000	105.959	300015.72	0.0313	P	6.3
4	☐	125.000	268.300	752579.71	0.0783	P	7.1
5	☐	250.000	523.381	1414901.14	0.1522	A	2.3
6	☐	500.000	452.352	1290750.26	0.1316	A	8.4
7	☐	1000.000	934.798	2511005.69	0.2714	A	5.0
8	☐			232159.37	0.0276	P	13.6

$$y = 2.8974\text{E-}004 * x + 5.8266\text{E-}004$$

$$R = 0.9437$$

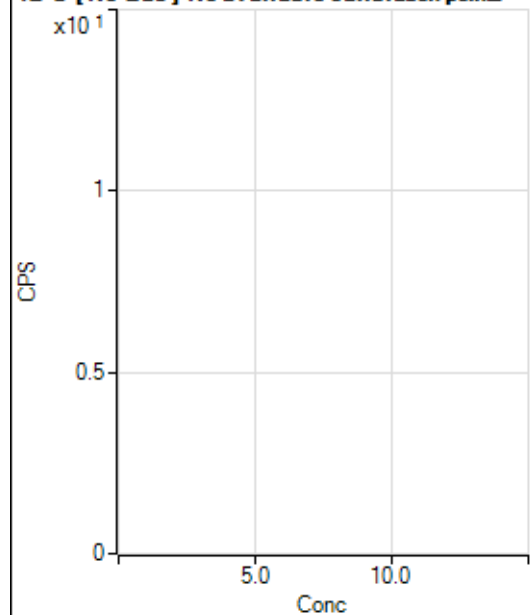
$$DL = 0.3242$$

$$BEC = 2.011$$

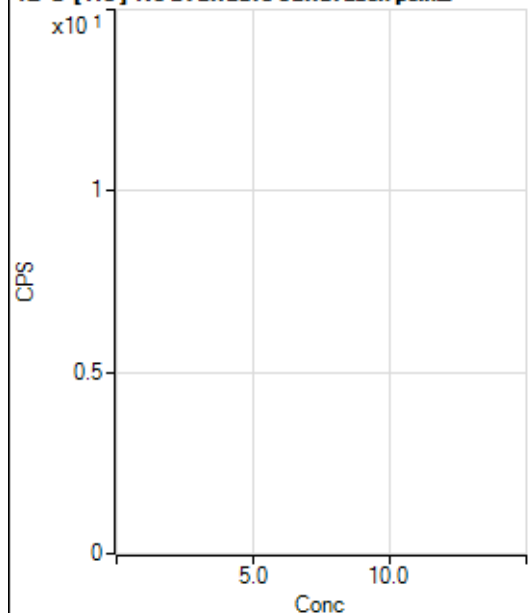
Weight: <None>

Min Conc: 0

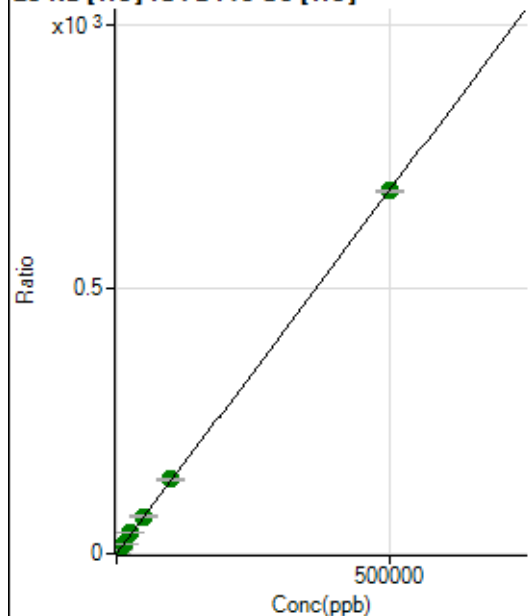
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8714144.21		A	1.5
2	☐			7623779.51		A	4.3
3	☐			8107443.58		A	3.3
4	☐			7831642.88		A	2.7
5	☐			7707985.50		A	2.2
6	☐			9996448.31		A	2.0
7	☐			12727757.40		A	4.9
8	☐			9514237.28		A	2.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			92700.39		P	1.7
2	☐			91093.73		P	0.4
3	☐			95476.90		P	2.1
4	☐			90833.21		P	0.4
5	☐			92412.77		P	1.2
6	☐			118697.78		P	1.8
7	☐			157351.48		P	1.1
8	☐			115292.09		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20745.74	0.0564	P	3.9
2	☐	500.000	538.042	284076.57	0.7945	P	7.8
3	☐	5000.000	5442.438	2869322.72	7.5227	A	2.1
4	☐	12500.000	14160.853	7014717.17	19.4831	A	0.8
5	☐	25000.000	28631.044	14197121.85	39.3343	A	1.7
6	☐	50000.000	51138.947	25717298.84	70.2120	A	2.0
7	☐	100000.00	102039.24	50165593.48	140.0402	A	2.2
8	☐	500000.00	499250.72	241537060.9	684.9598	A	0.7

$$y = 0.0014 * x + 0.0564$$

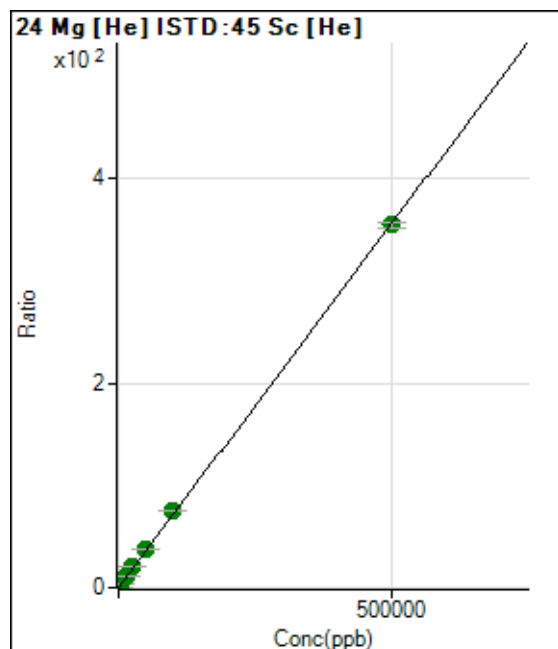
$$R = 1.0000$$

$$DL = 4.853$$

$$BEC = 41.11$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.57	0.0010	P	11.7
2	☐	500.000	568.167	145011.73	0.4055	P	7.4
3	☐	5000.000	5593.882	1519488.87	3.9840	A	3.4
4	☐	12500.000	14759.707	3784221.14	10.5105	A	2.1
5	☐	25000.000	28669.773	7367135.67	20.4150	A	2.9
6	☐	50000.000	52814.739	13776237.29	37.6071	A	2.3
7	☐	100000.00	105009.33	26789064.49	74.7717	A	0.6
8	☐	500000.00	498470.67	125157781.9	354.9315	A	1.3

$$y = 7.1204\text{E-}004 * x + 9.6636\text{E-}004$$

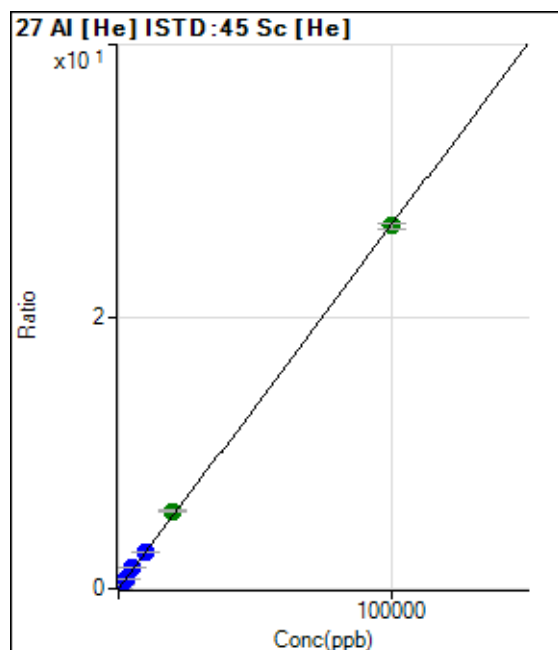
$$R = 0.9999$$

$$DL = 0.4782$$

$$BEC = 1.357$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.48	0.0005	P	11.8
2	☐	20.000	22.525	2331.57	0.0065	P	5.1
3	☐	1000.000	1090.885	111577.99	0.2925	P	2.8
4	☐	2500.000	2850.761	275000.97	0.7637	P	1.4
5	☐	5000.000	5730.802	553871.69	1.5348	P	2.7
6	☐	10000.000	10018.395	982692.59	2.6827	P	0.6
7	☐	20000.000	21186.766	2032191.21	5.6728	A	2.3
8	☐	100000.00	99714.589	9414515.28	26.6968	A	1.3

$$y = 2.6773\text{E-}004 * x + 4.8257\text{E-}004$$

$$R = 0.9999$$

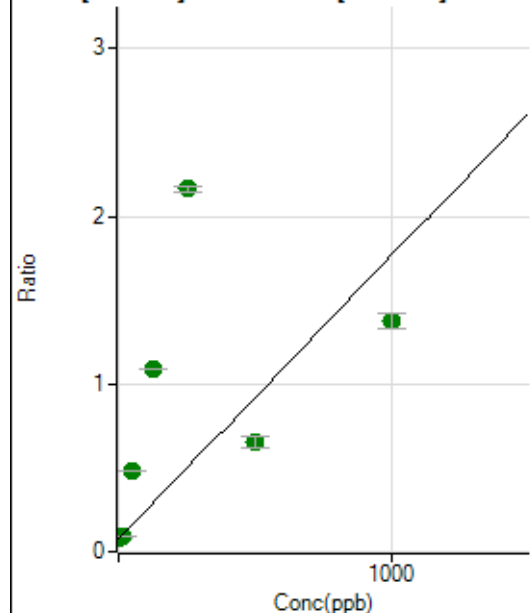
$$DL = 0.6386$$

$$BEC = 1.802$$

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	886521.33	0.0787	A	2.4
2	☐	10.000	6.345	1019857.31	0.0895	A	5.9
3	☐	50.000	241.015	5666023.61	0.4864	A	0.5
4	☐	125.000	597.261	12604597.50	1.0890	A	0.4
5	☐	250.000	1233.093	23823852.79	2.1644	A	1.3
6	☐	500.000	337.972	7618610.85	0.6504	A	10.9
7	☐	1000.000	766.694	15232388.53	1.3755	A	6.8
8	☐			3625190.10	0.3388	A	2.6

$$y = 0.0017 * x + 0.0787$$

$$R = 0.4633$$

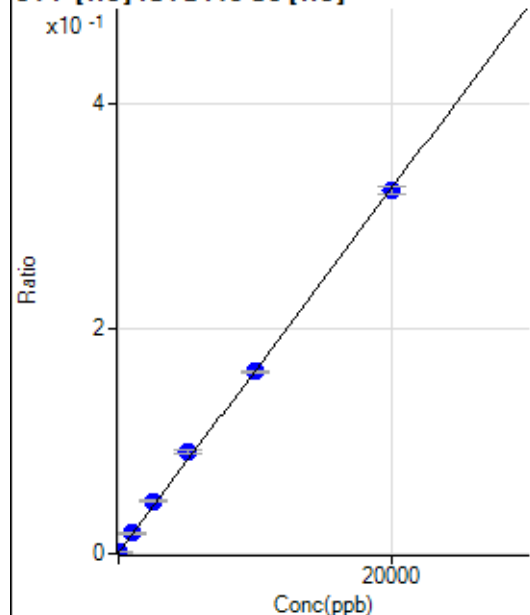
$$DL = 3.343$$

$$BEC = 46.55$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-15.678	319.46	0.0009	P	6.7
2	☐	0.000	15.678	494.47	0.0014	P	18.0
3	☐	1000.000	1054.718	6946.29	0.0182	P	2.8
4	☐	2500.000	2834.124	16943.71	0.0470	P	3.2
5	☐	5000.000	5542.683	32818.62	0.0909	P	2.4
6	☐	10000.000	9927.235	59330.54	0.1620	P	1.6
7	☐	20000.000	19856.210	115653.23	0.3228	P	2.1
8	☐			347.24	0.0010	P	26.5

$$y = 1.6202E-005 * x + 0.0011$$

$$R = 0.9995$$

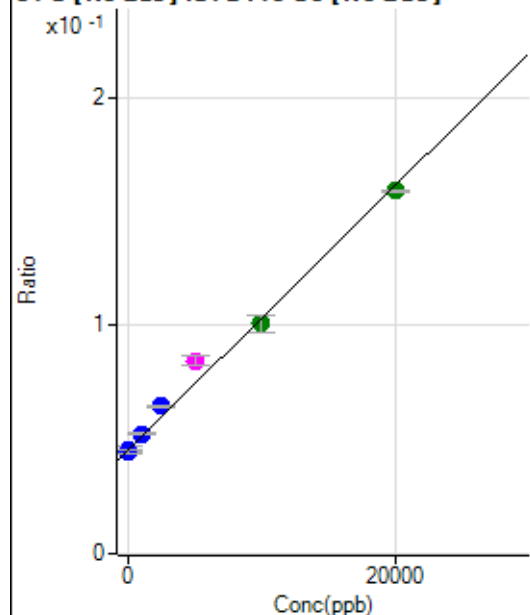
$$DL = 28.42$$

$$BEC = 69.28$$

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	62.994	515097.76	0.0458	P	4.7
2	☐	0.000	-62.994	513760.69	0.0450	P	4.0
3	☐	1000.000	1223.434	611423.16	0.0525	P	1.3
4	☐	2500.000	3310.282	747227.70	0.0646	P	1.7
5	☐	5000.000	6769.854	931425.75	0.0846	M	4.6
6	☐	10000.000	9599.331	1185346.86	0.1010	A	7.1
7	☐	20000.000	19645.414	1762475.71	0.1591	A	0.9
8	☐			421836.11	0.0394	P	1.7

$$y = 5.7894\text{E-}006 * x + 0.0454$$

R = 0.9948

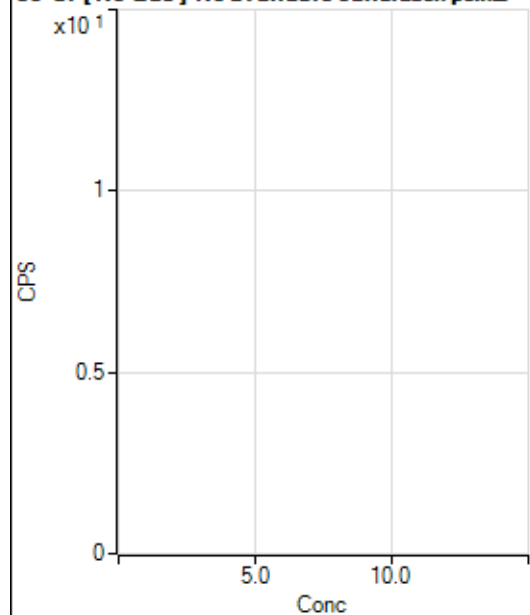
DL = 1027

BEC = 7843

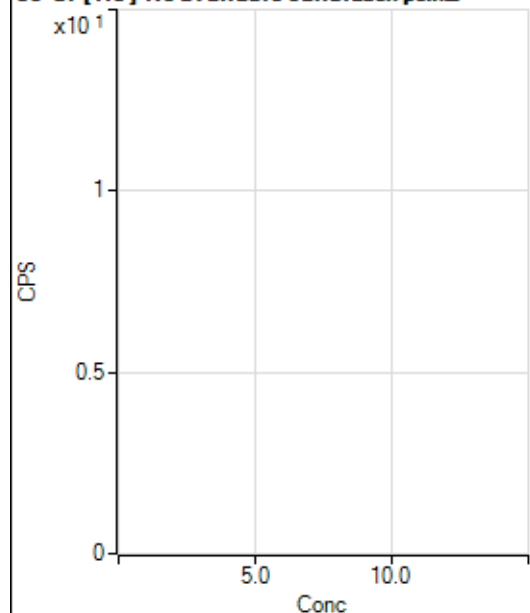
Weight: <None>

Min Conc: 0

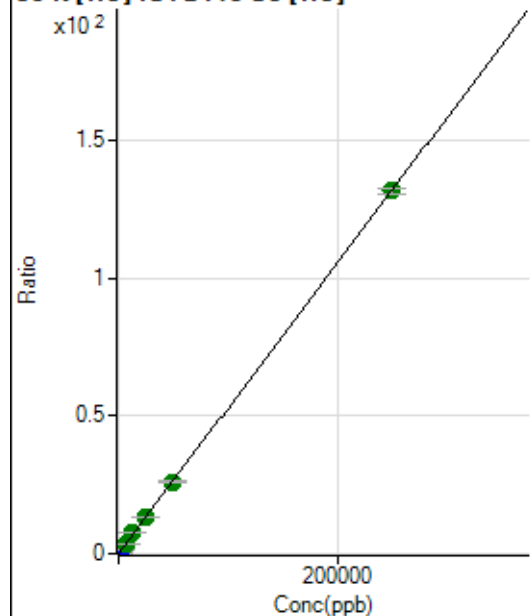
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			489001.29		P	1.2
2	☐			539606.27		P	0.4
3	☐			506107.07		P	0.5
4	☐			488918.84		P	0.6
5	☐			472177.39		P	0.7
6	☐			387229.89		P	1.2
7	☐			387019.46		P	1.6
8	☐			379090.64		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3536.64		P	3.8
2	☐			3989.53		P	4.4
3	☐			3558.86		P	4.3
4	☐			3414.37		P	5.6
5	☐			3500.51		P	4.0
6	☐			2669.77		P	4.4
7	☐			2558.63		P	7.3
8	☐			2811.46		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23806.28	0.0647	P	1.3
2	☐	500.000	540.091	124941.60	0.3492	P	5.9
3	☐	2500.000	2645.836	556225.81	1.4583	P	1.5
4	☐	6250.000	7010.302	1352674.50	3.7570	A	1.2
5	☐	12500.000	14104.990	2704841.08	7.4938	A	1.3
6	☐	25000.000	24798.164	4808523.37	13.1259	A	3.0
7	☐	50000.000	49325.235	9329503.51	26.0443	A	2.4
8	☐	250000.00	250054.34	46465501.04	131.7680	A	1.6

$$y = 5.2670\text{E-}004 * x + 0.0647$$

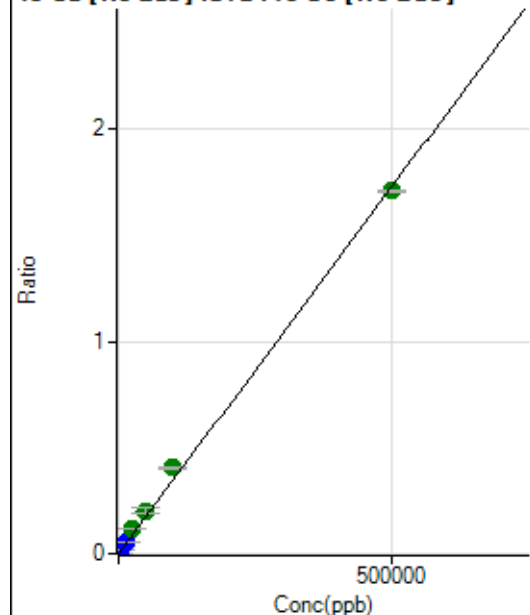
$$R = 1.0000$$

$$DL = 4.938$$

$$BEC = 122.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	443.70	0.0000	P	8.1
2	☐	500.000	526.706	21189.18	0.0019	P	4.2
3	☐	5000.000	6195.802	249614.25	0.0214	P	0.8
4	☐	12500.000	15437.916	617139.71	0.0533	P	2.2
5	☐	25000.000	34120.802	1296957.97	0.1178	A	1.2
6	☐	50000.000	58769.499	2378409.00	0.2029	A	9.9
7	☐	100000.00	117966.91	4510978.06	0.4073	A	2.2
8	☐	500000.00	494988.19	18282474.93	1.7088	A	0.7

$$y = 3.4522\text{E-}006 * x + 3.9446\text{E-}005$$

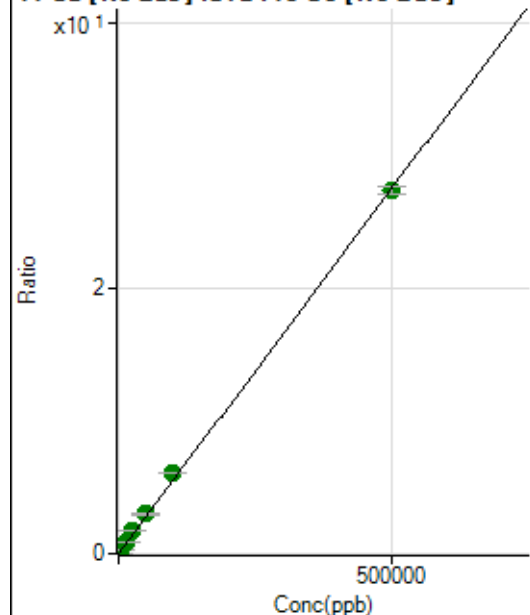
$$R = 0.9992$$

$$DL = 2.79$$

$$BEC = 11.43$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16713.77	0.0015	P	3.0
2	☐	500.000	532.266	350912.87	0.0308	P	5.6
3	☐	5000.000	6109.780	3934506.92	0.3378	A	1.4
4	☐	12500.000	14925.190	9522225.68	0.8230	A	2.6
5	☐	25000.000	30530.444	18513885.17	1.6819	A	1.3
6	☐	50000.000	54197.840	35011726.09	2.9845	A	8.2
7	☐	100000.00	110283.88	67243728.81	6.0715	A	1.3
8	☐	500000.00	497175.15	292757699.0	27.3660	A	1.9

$$y = 5.5040\text{E-}005 * x + 0.0015$$

$$R = 0.9998$$

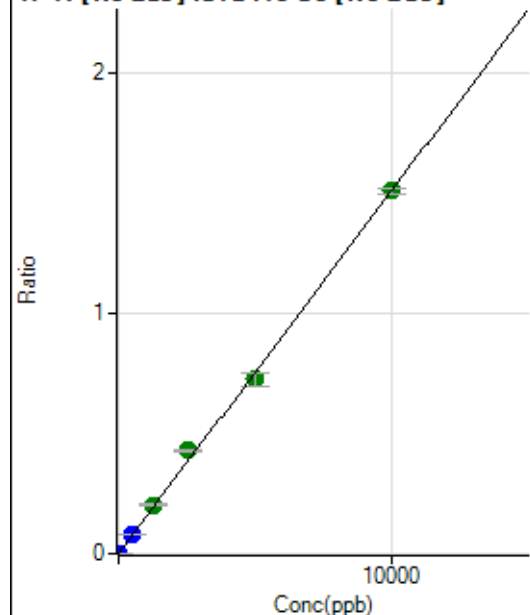
$$DL = 2.389$$

$$BEC = 26.97$$

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	427.80	0.0000	P	31.0
2	☐	5.000	5.402	9734.15	0.0009	P	5.0
3	☐	500.000	547.273	962479.48	0.0826	P	2.4
4	☐	1250.000	1350.976	2359561.14	0.2039	A	2.8
5	☐	2500.000	2842.157	4721936.09	0.4290	A	0.6
6	☐	5000.000	4797.212	8498656.62	0.7241	A	7.3
7	☐	10000.000	10000.869	16715923.11	1.5094	A	1.3
8	☐			2278.04	0.0002	P	21.2

$$y = 1.5093\text{E-}004 * x + 3.7850\text{E-}005$$

$$R = 0.9990$$

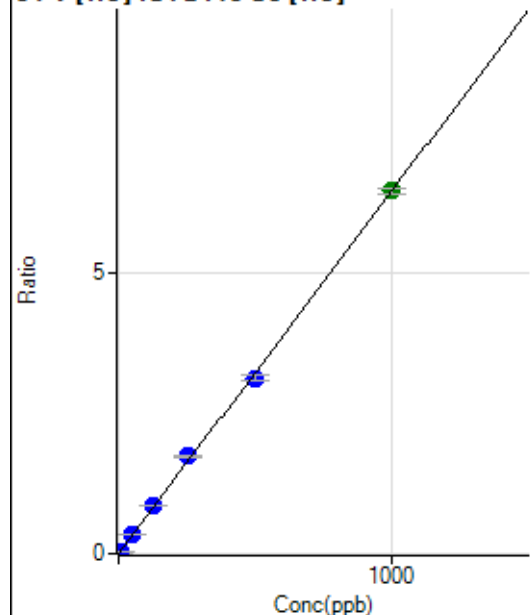
$$DL = 0.2332$$

$$BEC = 0.2508$$

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	11.11	0.0000	P	17.7
2	☐	5.000	5.320	12319.84	0.0344	P	6.9
3	☐	50.000	51.223	126398.04	0.3314	P	1.6
4	☐	125.000	133.117	310031.46	0.8611	P	1.5
5	☐	250.000	268.280	626369.73	1.7355	P	1.0
6	☐	500.000	485.444	1150341.53	3.1403	P	2.5
7	☐	1000.000	1001.631	2321216.09	6.4794	A	1.5
8	☐			350.01	0.0010	P	7.6

$$y = 0.0065 * x + 3.0212\text{E-}005$$

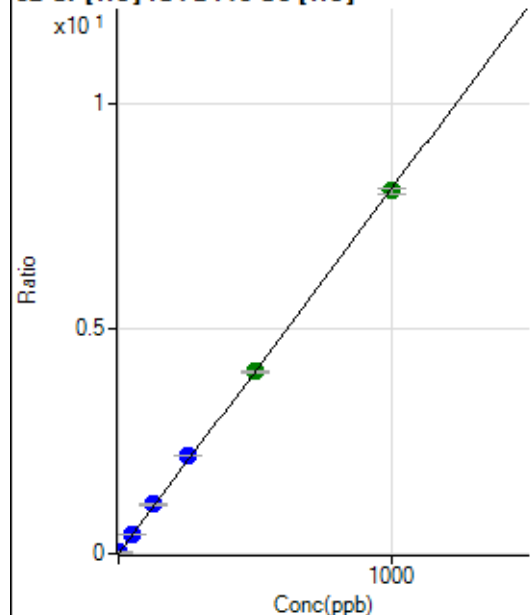
$$R = 0.9996$$

$$DL = 0.002473$$

$$BEC = 0.00467$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	866.70	0.0024	P	1.9
2	☐	2.000	2.438	7913.38	0.0221	P	7.4
3	☐	50.000	51.247	159433.12	0.4180	P	2.1
4	☐	125.000	134.920	394822.16	1.0966	P	2.5
5	☐	250.000	268.139	785797.85	2.1771	P	0.8
6	☐	500.000	499.021	1483435.88	4.0497	A	0.7
7	☐	1000.000	994.651	2890932.01	8.0695	A	1.7
8	☐			6548.23	0.0186	P	3.9

$$y = 0.0081 * x + 0.0024$$

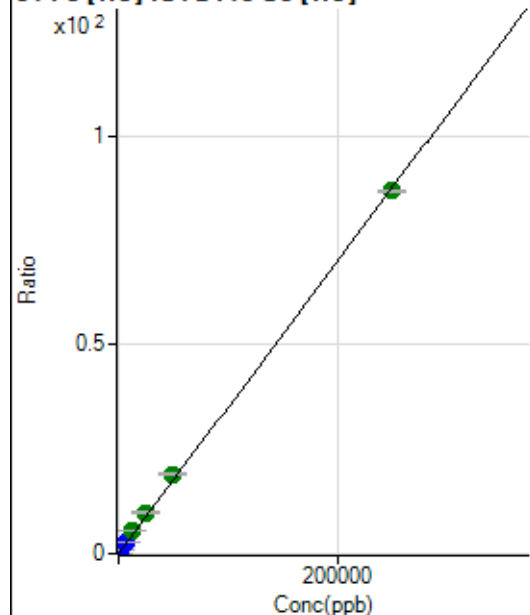
$$R = 0.9998$$

$$DL = 0.01616$$

$$BEC = 0.2905$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1222.30	0.0033	P	1.2
2	☐	50.000	61.968	8938.12	0.0250	P	7.8
3	☐	2500.000	2871.451	384329.34	1.0076	P	1.3
4	☐	6250.000	7459.832	940624.34	2.6123	P	1.2
5	☐	12500.000	15711.290	1984516.12	5.4982	A	1.0
6	☐	25000.000	28134.581	3605651.79	9.8432	A	3.4
7	☐	50000.000	54645.849	6847786.67	19.1153	A	3.0
8	☐	250000.00	248562.84	30657149.07	86.9365	A	0.4

$$y = 3.4974E-004 * x + 0.0033$$

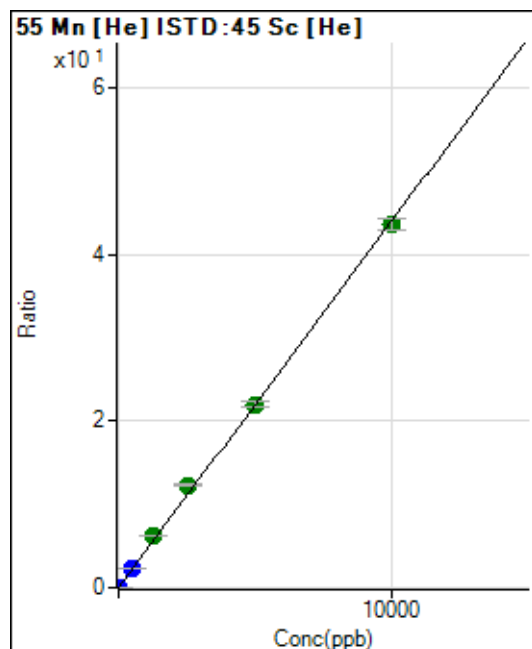
$$R = 0.9997$$

$$DL = 0.3526$$

$$BEC = 9.5$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.67	0.0005	P	11.4
2	☐	1.000	1.278	2203.53	0.0062	P	6.4
3	☐	500.000	519.641	872599.46	2.2878	P	2.6
4	☐	1250.000	1420.620	2251845.96	6.2537	A	2.5
5	☐	2500.000	2789.884	4432352.40	12.2807	A	2.0
6	☐	5000.000	5004.686	8069916.62	22.0296	A	3.7
7	☐	10000.000	9902.876	15614835.05	43.5899	A	3.1
8	☐			7200.77	0.0204	P	3.1

$$y = 0.0044 * x + 5.3443E-004$$

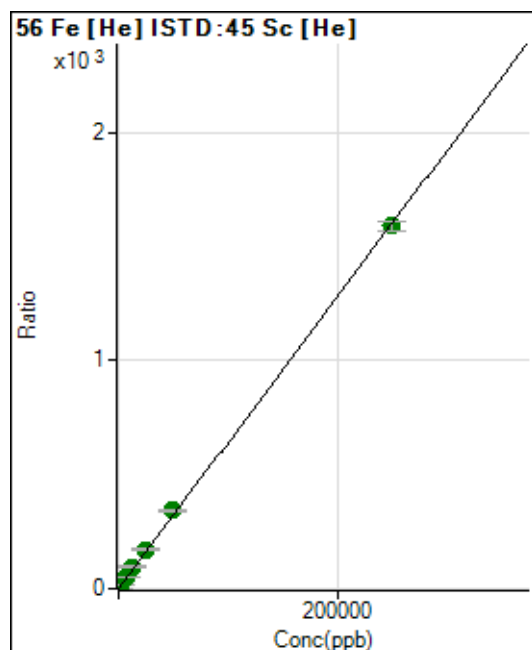
$$R = 0.9994$$

$$DL = 0.04146$$

$$BEC = 0.1214$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7285.30	0.0198	P	2.8
2	☐	50.000	59.080	142162.70	0.3972	P	5.3
3	☐	2500.000	2867.185	6992796.51	18.3345	A	3.1
4	☐	6250.000	7569.010	17417675.16	48.3683	A	0.9
5	☐	12500.000	15002.337	34590771.84	95.8502	A	2.4
6	☐	25000.000	26828.990	62785674.09	171.3952	A	1.7
7	☐	50000.000	53973.567	123509513.8	344.7865	A	2.4
8	☐	250000.00	248860.62	560556705.1	1,589.665	A	2.8

$$y = 0.0064 * x + 0.0198$$

$$R = 0.9998$$

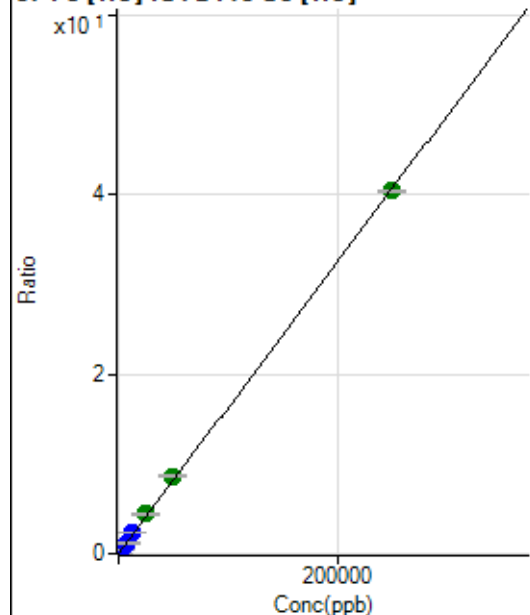
$$DL = 0.2612$$

$$BEC = 3.101$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	198.15	0.0005	P	21.0
2	☐	50.000	60.169	3687.58	0.0103	P	5.8
3	☐	2500.000	2745.348	170127.81	0.4461	P	3.7
4	☐	6250.000	7220.566	422155.97	1.1723	P	2.4
5	☐	12500.000	14482.303	848416.12	2.3508	P	1.7
6	☐	25000.000	27074.556	1609662.98	4.3944	A	2.1
7	☐	50000.000	53252.230	3095957.21	8.6427	A	2.8
8	☐	250000.00	249016.26	14250915.71	40.4125	A	0.6

$$y = 1.6229\text{E-}004 * x + 5.3834\text{E-}004$$

R = 0.9999

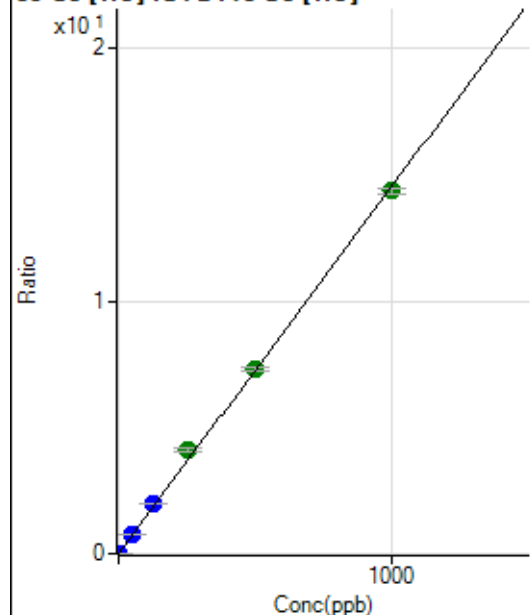
DL = 2.086

BEC = 3.317

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0002	P	18.9
2	☐	1.000	1.094	5766.78	0.0161	P	7.3
3	☐	50.000	52.091	288527.29	0.7564	P	1.6
4	☐	125.000	136.282	712440.07	1.9787	P	1.4
5	☐	250.000	280.989	1472027.79	4.0794	A	4.0
6	☐	500.000	504.159	2680946.97	7.3192	A	1.9
7	☐	1000.000	988.658	5142117.01	14.3527	A	1.7
8	☐			6753.88	0.0192	P	1.7

$$y = 0.0145 * x + 2.3868\text{E-}004$$

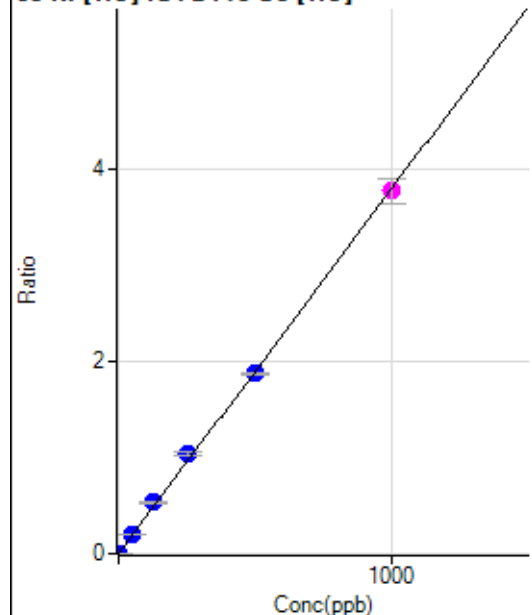
R = 0.9994

DL = 0.009341

BEC = 0.01644

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	67.78	0.0002	P	11.5
2	☐	1.000	1.366	1911.26	0.0054	P	14.0
3	☐	50.000	54.705	79087.90	0.2073	P	1.3
4	☐	125.000	140.433	191531.92	0.5320	P	2.6
5	☐	250.000	274.965	375804.34	1.0414	P	3.5
6	☐	500.000	493.834	685106.77	1.8703	P	1.5
7	☐	1000.000	994.677	1349138.44	3.7669	M	6.7
8	☐			3190.39	0.0090	P	1.3

$$y = 0.0038 * x + 1.8426E-004$$

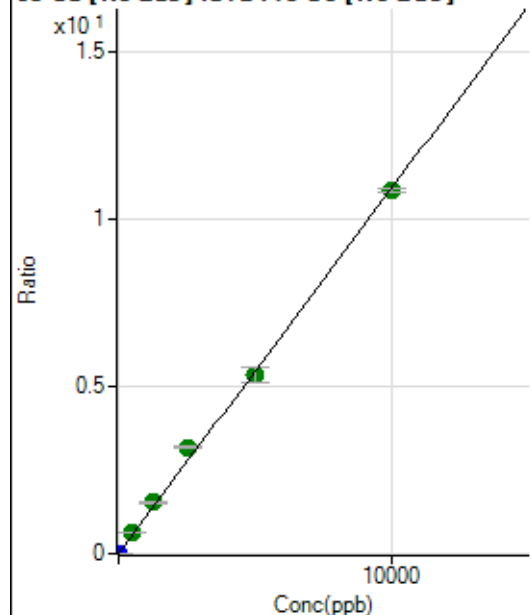
$$R = 0.9996$$

$$DL = 0.01684$$

$$BEC = 0.04866$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6341.46	0.0006	P	3.0
2	☐	2.000	2.120	32834.64	0.0029	P	4.5
3	☐	500.000	572.180	7287019.58	0.6256	A	1.8
4	☐	1250.000	1407.249	17795758.69	1.5378	A	2.4
5	☐	2500.000	2902.812	34909785.97	3.1716	A	1.6
6	☐	5000.000	4882.695	62584861.44	5.3344	A	8.3
7	☐	10000.000	9934.684	120190284.1	10.8532	A	1.1
8	☐			219832.82	0.0206	P	2.3

$$y = 0.0011 * x + 5.6325E-004$$

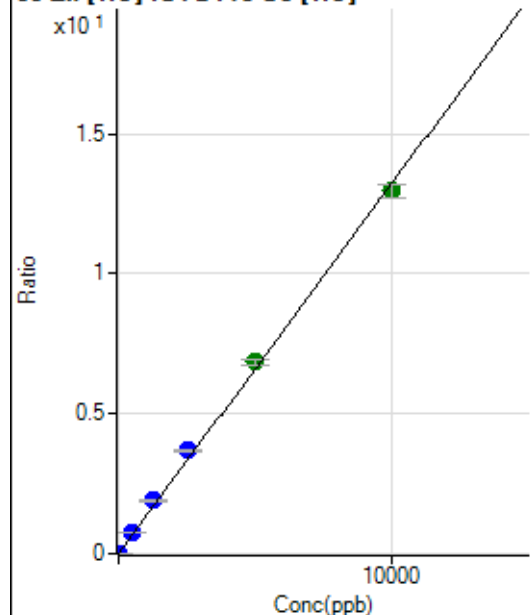
$$R = 0.9990$$

$$DL = 0.04615$$

$$BEC = 0.5156$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0009	P	5.4
2	☐	2.000	3.693	2053.50	0.0057	P	2.5
3	☐	500.000	558.713	281873.67	0.7390	P	2.5
4	☐	1250.000	1431.479	681255.59	1.8921	P	2.2
5	☐	2500.000	2796.879	1333889.24	3.6961	P	2.5
6	☐	5000.000	5178.032	2506319.18	6.8421	A	2.4
7	☐	10000.000	9811.143	4643551.98	12.9634	A	3.6
8	☐			2973.68	0.0084	P	5.1

$$y = 0.0013 * x + 8.5162E-004$$

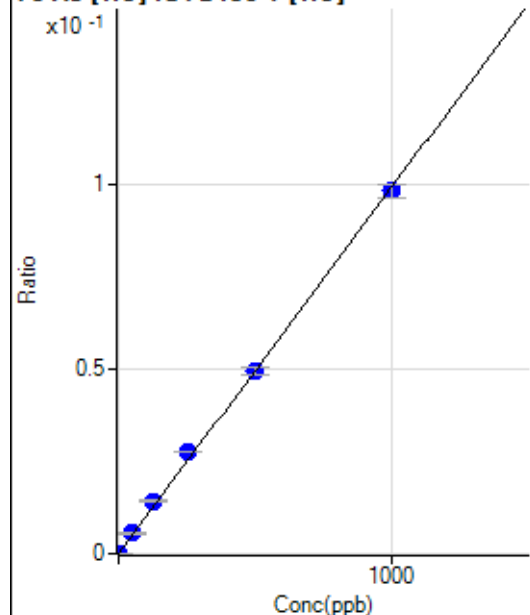
$$R = 0.9992$$

$$DL = 0.1052$$

$$BEC = 0.6446$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	48.6
2	☐	1.000	1.257	326.37	0.0001	P	12.7
3	☐	50.000	55.460	15186.34	0.0055	P	2.9
4	☐	125.000	143.607	37375.30	0.0142	P	1.7
5	☐	250.000	279.596	73592.73	0.0277	P	0.3
6	☐	500.000	498.860	134474.95	0.0494	P	4.9
7	☐	1000.000	990.572	259013.52	0.0980	P	3.5
8	☐			158.02	0.0001	P	9.5

$$y = 9.8960E-005 * x + 2.4824E-006$$

$$R = 0.9994$$

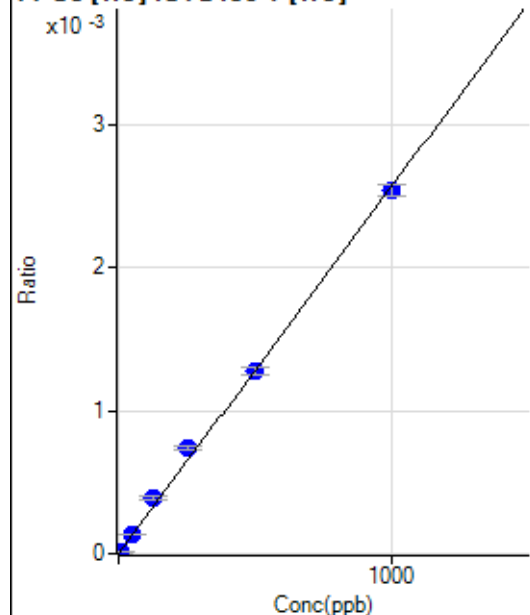
$$DL = 0.03655$$

$$BEC = 0.02509$$

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	2.22	0.0000	P	86.7
2	☐	5.000	5.900	42.22	0.0000	P	48.9
3	☐	50.000	52.428	374.45	0.0001	P	5.3
4	☐	125.000	153.860	1040.05	0.0004	P	6.5
5	☐	250.000	286.103	1954.60	0.0007	P	3.2
6	☐	500.000	497.573	3479.36	0.0013	P	3.6
7	☐	1000.000	988.455	6706.12	0.0025	P	3.2
8	☐			4.44	0.0000	P	42.7

$$y = 2.5653\text{E-}006 * x + 8.3065\text{E-}007$$

$$R = 0.9990$$

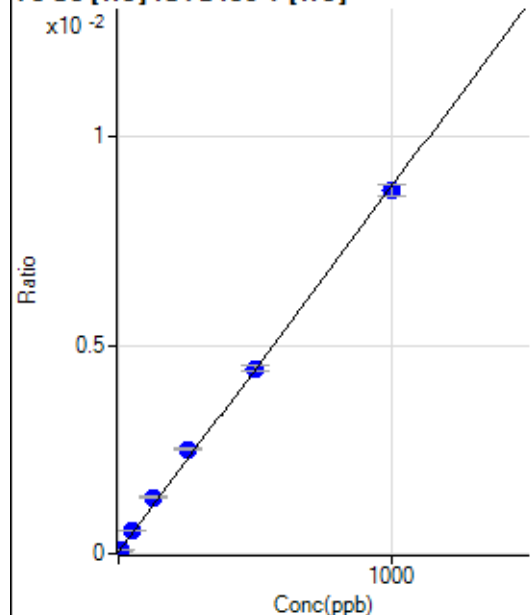
$$DL = 0.842$$

$$BEC = 0.3238$$

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	113.01	0.0000	P	2.1
2	☐	5.000	6.121	246.03	0.0001	P	11.8
3	☐	50.000	58.031	1523.91	0.0006	P	1.9
4	☐	125.000	148.481	3534.81	0.0013	P	4.2
5	☐	250.000	281.279	6672.59	0.0025	P	0.6
6	☐	500.000	501.728	12104.42	0.0044	P	3.5
7	☐	1000.000	987.974	23006.69	0.0087	P	3.1
8	☐			119.34	0.0000	P	6.7

$$y = 8.7710\text{E-}006 * x + 4.1942\text{E-}005$$

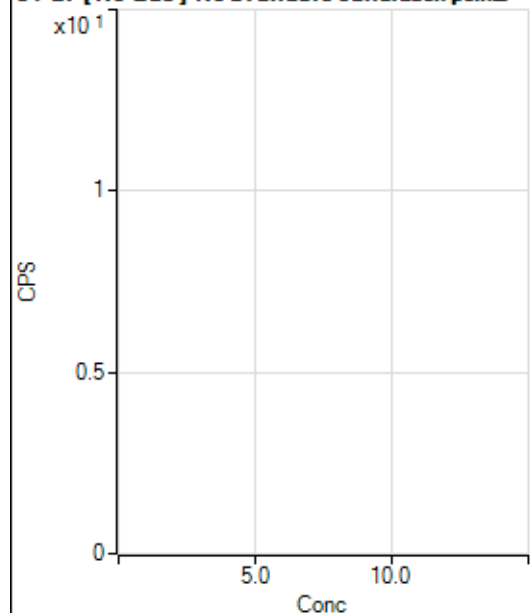
$$R = 0.9993$$

$$DL = 0.3037$$

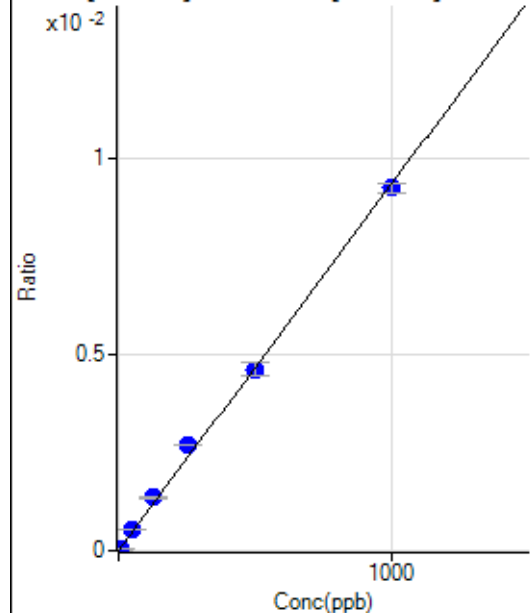
$$BEC = 4.782$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			85367.18		P	1.0
2	☐			86337.53		P	1.9
3	☐			86374.14		P	0.6
4	☐			83019.81		P	2.4
5	☐			81105.73		P	1.3
6	☐			80945.28		P	0.9
7	☐			78304.01		P	1.8
8	☐			75199.92		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.33	0.0000	P	53.9
2	☐	5.000	5.674	1239.13	0.0001	P	5.8
3	☐	50.000	58.026	12929.18	0.0005	P	0.9
4	☐	125.000	145.057	31692.77	0.0014	P	2.6
5	☐	250.000	288.576	60907.86	0.0027	P	1.1
6	☐	500.000	495.450	112341.78	0.0046	P	7.5
7	☐	1000.000	989.719	212125.99	0.0093	P	2.5
8	☐			309.57	0.0000	P	13.7

$$y = 9.3557E-006 * x + 5.8446E-007$$

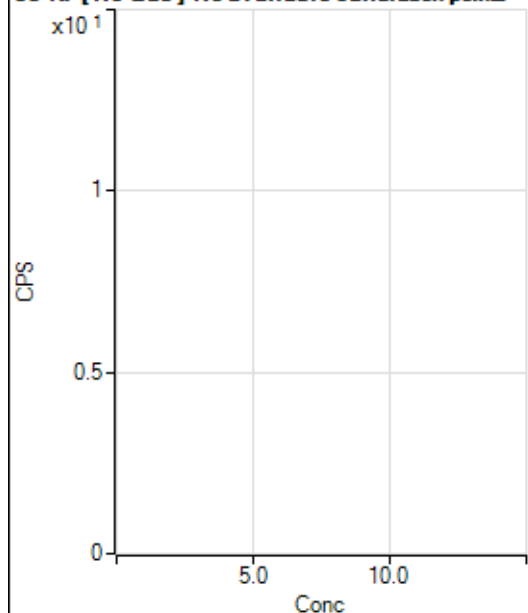
$$R = 0.9991$$

$$DL = 0.101$$

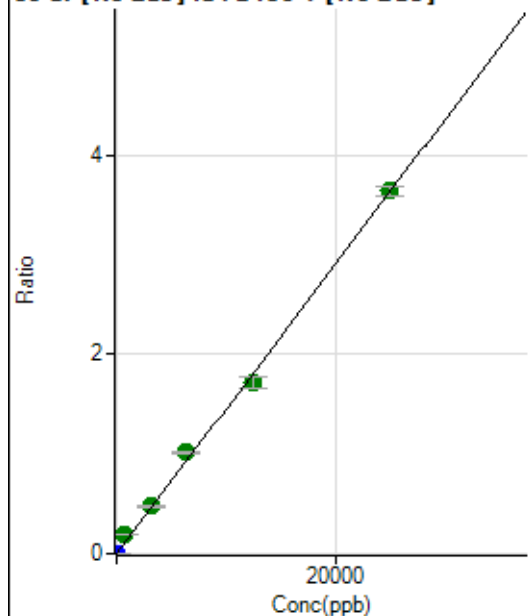
$$BEC = 0.06247$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			687.01		P	1.8
2	☐			702.02		P	4.0
3	☐			710.35		P	7.7
4	☐			681.19		P	4.6
5	☐			672.02		P	7.5
6	☐			655.36		P	1.2
7	☐			718.26		P	8.1
8	☐			709.10		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1291.76	0.0001	P	9.1
2	☐	1.000	0.990	4614.77	0.0002	P	3.0
3	☐	625.000	1333.738	4606558.26	0.1936	A	1.2
4	☐	3125.000	3281.474	11119618.83	0.4763	A	2.4
5	☐	6250.000	6988.161	22879518.39	1.0143	A	0.7
6	☐	12500.000	11832.496	41639611.69	1.7174	A	6.5
7	☐	25000.000	25111.934	83496871.31	3.6448	A	2.6
8	☐			25368.36	0.0012	P	5.5

$$y = 1.4514E-004 * x + 5.6159E-005$$

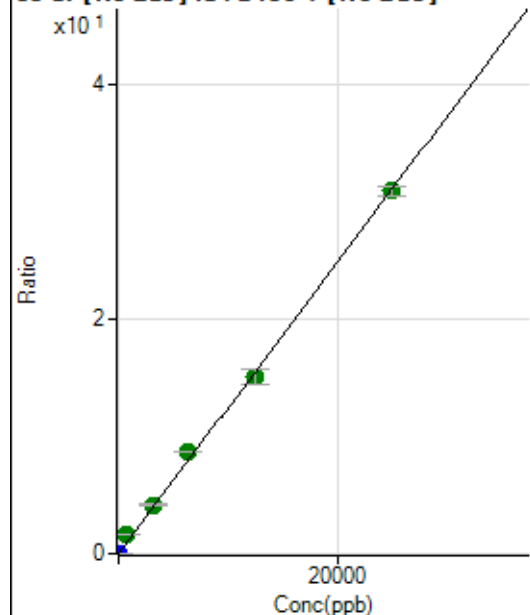
$$R = 0.9987$$

$$DL = 0.1054$$

$$BEC = 0.3869$$

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	1691.82	0.0001	P	5.9
2	☐	1.000	1.016	30832.20	0.0013	P	6.3
3	☐	625.000	1350.081	39890977.98	1.6770	A	2.0
4	☐	3125.000	3349.198	97112770.23	4.1601	A	2.4
5	☐	6250.000	7009.930	196400657.1	8.7071	A	0.3
6	☐	12500.000	12152.971	365630080.4	15.0953	A	8.6
7	☐	25000.000	24937.380	709582715.8	30.9748	A	2.7
8	☐			210935.49	0.0098	P	5.1

$$y = 0.0012 * x + 7.3508E-005$$

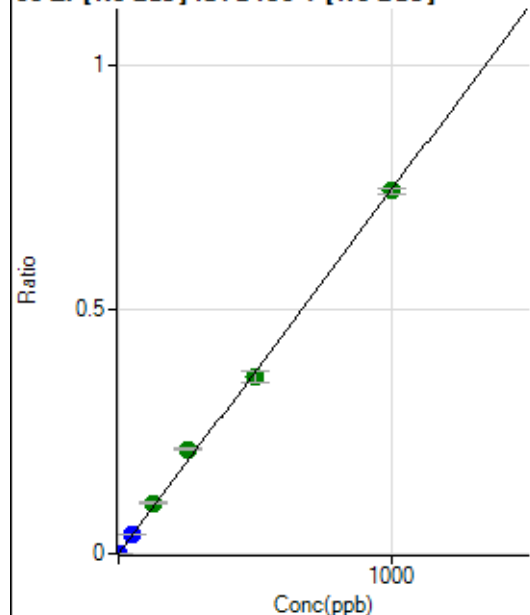
$$R = 0.9991$$

$$DL = 0.01053$$

$$BEC = 0.05918$$

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	950.06	0.0000	P	6.7
2	☐	1.000	1.007	18315.26	0.0008	P	2.7
3	☐	50.000	55.071	979308.69	0.0412	P	0.3
4	☐	125.000	138.997	2424154.94	0.1038	A	2.6
5	☐	250.000	287.002	4834874.37	0.2143	A	1.2
6	☐	500.000	484.212	8768014.78	0.3616	A	6.3
7	☐	1000.000	996.640	17051423.30	0.7442	A	1.8
8	☐			8958.72	0.0004	P	2.7

$$y = 7.4670E-004 * x + 4.1298E-005$$

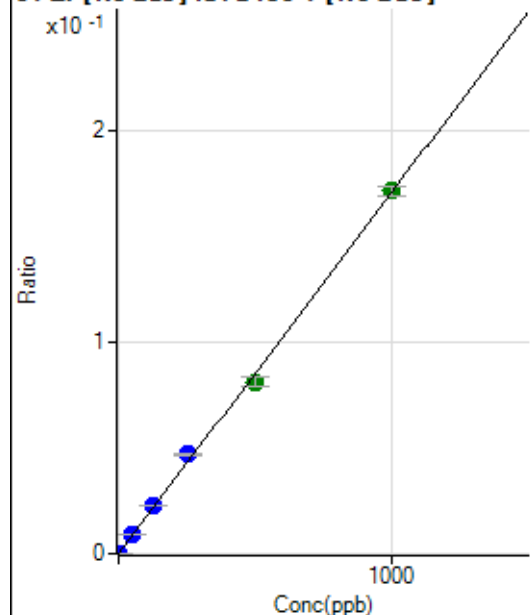
$$R = 0.9990$$

$$DL = 0.01112$$

$$BEC = 0.05531$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0000	P	14.8
2	☐	1.000	1.031	4253.55	0.0002	P	5.4
3	☐	50.000	52.897	214675.24	0.0090	P	1.2
4	☐	125.000	133.132	529905.06	0.0227	P	2.1
5	☐	250.000	274.942	1057188.12	0.0469	P	0.7
6	☐	500.000	475.091	1964201.65	0.0810	A	5.8
7	☐	1000.000	1005.058	3924228.21	0.1713	A	2.5
8	☐			1855.74	0.0001	P	2.0

$$y = 1.7043\text{E-}004 * x + 8.5710\text{E-}006$$

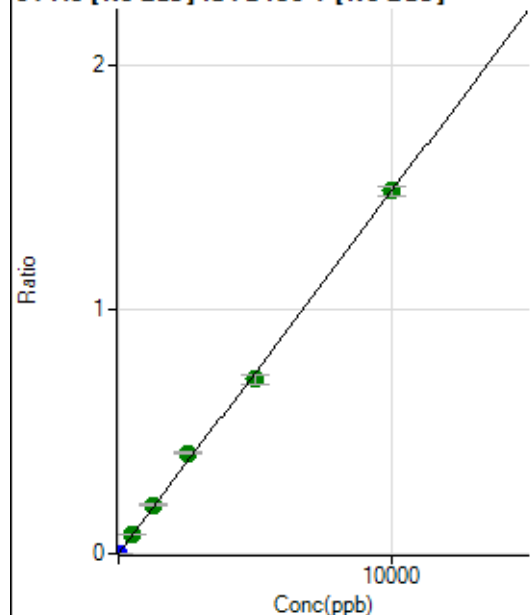
$$R = 0.9992$$

$$DL = 0.02239$$

$$BEC = 0.05029$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	383.35	0.0000	P	5.5
2	☐	5.000	6.293	21934.50	0.0009	P	2.7
3	☐	500.000	543.490	1916971.37	0.0806	A	1.5
4	☐	1250.000	1345.977	4659593.64	0.1995	A	1.5
5	☐	2500.000	2772.364	9270551.85	0.4110	A	1.6
6	☐	5000.000	4812.218	17304383.54	0.7134	A	5.5
7	☐	10000.000	10011.628	33999277.50	1.4842	A	2.4
8	☐			11199.28	0.0005	P	5.8

$$y = 1.4824\text{E-}004 * x + 1.6687\text{E-}005$$

$$R = 0.9993$$

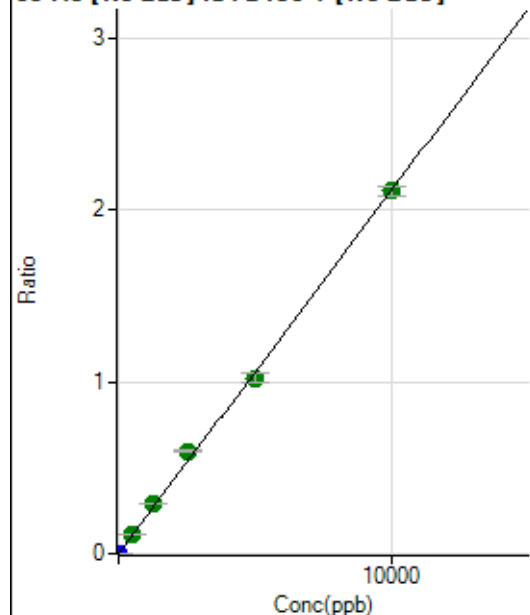
$$DL = 0.0185$$

$$BEC = 0.1126$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	7.3
2	☐	5.000	5.275	25902.62	0.0011	P	3.8
3	☐	500.000	545.044	2742749.82	0.1153	A	2.3
4	☐	1250.000	1362.676	6731896.55	0.2883	A	1.8
5	☐	2500.000	2820.803	13458626.86	0.5967	A	1.9
6	☐	5000.000	4837.532	24818616.87	1.0234	A	5.9
7	☐	10000.000	9984.697	48387792.05	2.1123	A	2.4
8	☐			11947.14	0.0006	P	8.1

$$y = 2.1155\text{E-}004 * x + 5.3164\text{E-}006$$

$$R = 0.9992$$

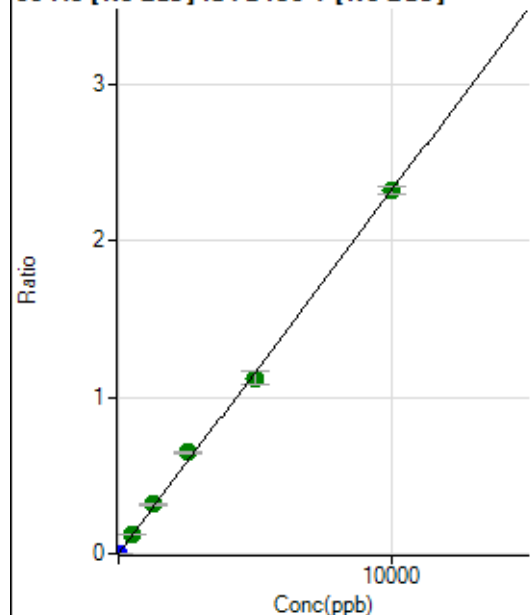
$$DL = 0.005522$$

$$BEC = 0.02513$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.69	0.0000	P	15.9
2	☐	5.000	5.235	28496.58	0.0012	P	4.5
3	☐	500.000	541.192	2985241.43	0.1255	A	2.9
4	☐	1250.000	1353.736	7329235.50	0.3139	A	1.7
5	☐	2500.000	2785.809	14572118.38	0.6460	A	2.5
6	☐	5000.000	4843.410	27214420.40	1.1231	A	7.7
7	☐	10000.000	9991.816	53086449.80	2.3169	A	2.0
8	☐			37234.69	0.0017	P	5.2

$$y = 2.3188\text{E-}004 * x + 2.0347\text{E-}005$$

$$R = 0.9994$$

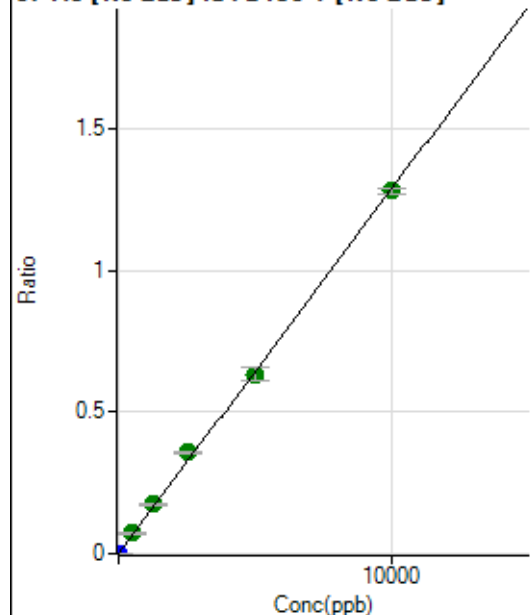
$$DL = 0.04199$$

$$BEC = 0.08775$$

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	86.11	0.0000	P	13.2
2	☐	5.000	5.355	15990.22	0.0007	P	2.2
3	☐	500.000	554.914	1697600.56	0.0714	A	2.6
4	☐	1250.000	1348.996	4049309.60	0.1735	A	2.7
5	☐	2500.000	2786.111	8080799.49	0.3583	A	1.7
6	☐	5000.000	4929.484	15361114.41	0.6339	A	7.5
7	☐	10000.000	9948.610	29309640.93	1.2793	A	1.8
8	☐			8133.30	0.0004	P	8.0

$$y = 1.2859\text{E-}004 * x + 3.7408\text{E-}006$$

$$R = 0.9995$$

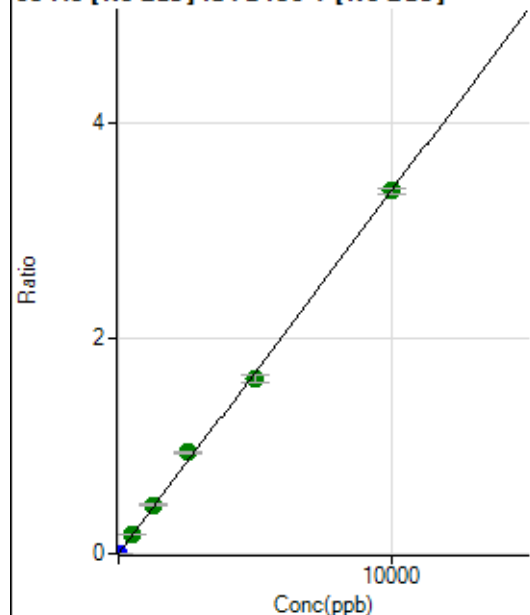
$$DL = 0.01154$$

$$BEC = 0.02909$$

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	247.23	0.0000	P	47.3
2	☐	5.000	5.197	40610.55	0.0018	P	4.4
3	☐	500.000	539.861	4319847.62	0.1816	A	2.3
4	☐	1250.000	1342.335	10543747.55	0.4515	A	1.6
5	☐	2500.000	2800.700	21247050.30	0.9420	A	1.5
6	☐	5000.000	4825.219	39373240.46	1.6230	A	5.2
7	☐	10000.000	9998.681	77060192.00	3.3631	A	1.5
8	☐			18891.40	0.0009	P	10.3

$$y = 3.3635\text{E-}004 * x + 1.0839\text{E-}005$$

$$R = 0.9993$$

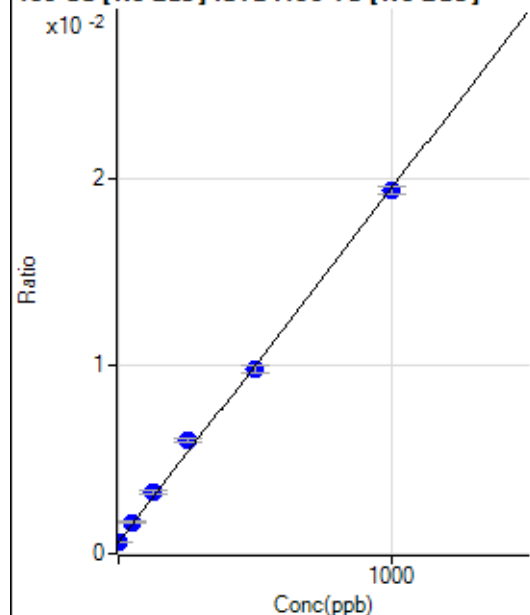
$$DL = 0.04576$$

$$BEC = 0.03222$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8224.92	0.0006	P	1.4
2	☐	1.000	1.194	8811.36	0.0006	P	2.8
3	☐	50.000	56.560	23734.98	0.0017	P	3.4
4	☐	125.000	141.555	46417.96	0.0033	P	4.3
5	☐	250.000	288.905	83042.78	0.0061	P	2.7
6	☐	500.000	490.347	146888.92	0.0099	P	4.4
7	☐	1000.000	992.703	272013.81	0.0193	P	2.1
8	☐			8088.69	0.0006	P	1.6

$$y = 1.8857\text{E-}005 * x + 6.0996\text{E-}004$$

$$R = 0.9990$$

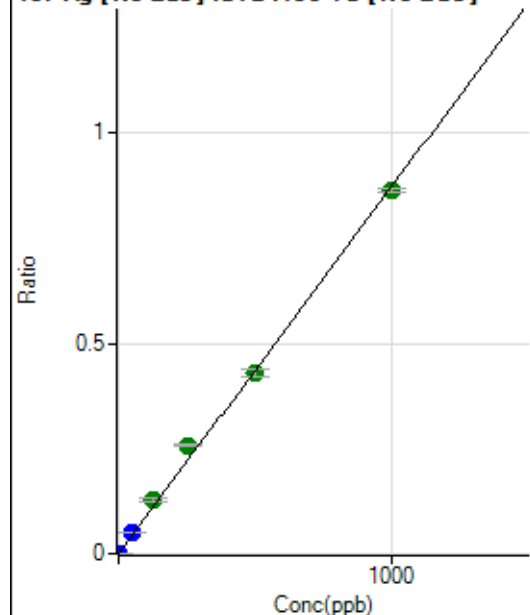
$$DL = 1.384$$

$$BEC = 32.35$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	29.7
2	☐	1.000	1.091	13412.42	0.0010	P	3.3
3	☐	50.000	57.225	706176.24	0.0499	P	3.6
4	☐	125.000	147.899	1824060.22	0.1289	A	6.5
5	☐	250.000	295.733	3533048.69	0.2577	A	2.8
6	☐	500.000	493.312	6406263.94	0.4299	A	4.7
7	☐	1000.000	988.687	12126262.94	0.8616	A	0.9
8	☐			2705.90	0.0002	P	4.6

$$y = 8.7144\text{E-}004 * x + 1.2899\text{E-}005$$

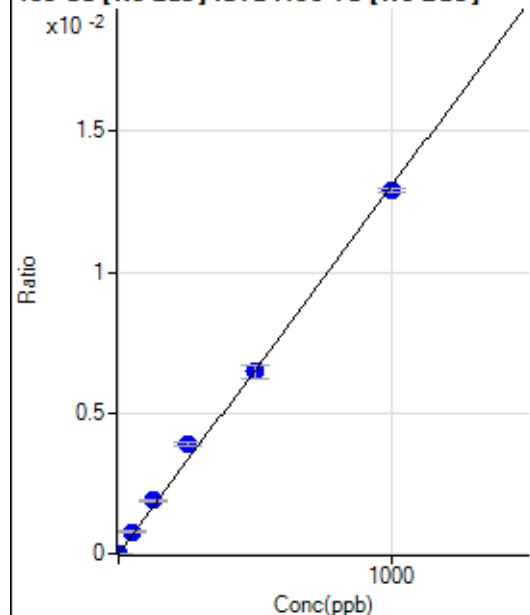
$$R = 0.9987$$

$$DL = 0.01318$$

$$BEC = 0.0148$$

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	70.83	0.0000	P	10.9
2	☐	1.000	1.132	279.17	0.0000	P	4.5
3	☐	50.000	59.480	11058.72	0.0008	P	4.2
4	☐	125.000	144.568	26772.07	0.0019	P	3.8
5	☐	250.000	298.883	53518.88	0.0039	P	3.2
6	☐	500.000	494.868	96136.27	0.0065	P	8.2
7	☐	1000.000	987.425	181346.98	0.0129	P	1.0
8	☐			248.62	0.0000	P	14.1

$$y = 1.3045\text{E-}005 * x + 5.2725\text{E-}006$$

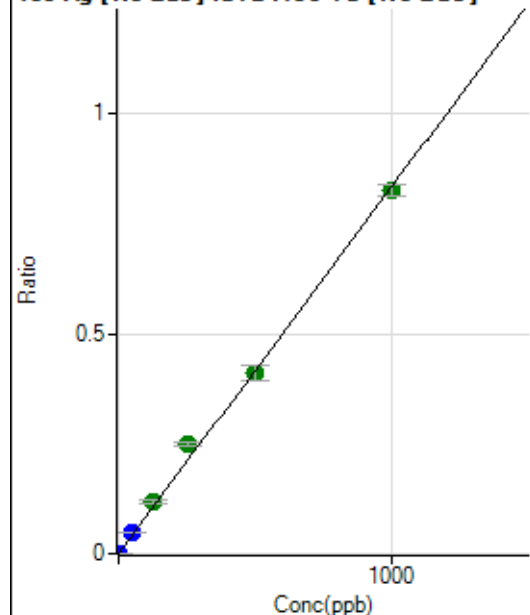
$$R = 0.9986$$

$$DL = 0.1327$$

$$BEC = 0.4042$$

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	183.34	0.0000	P	24.2
2	☐	1.000	1.104	12995.45	0.0009	P	1.4
3	☐	50.000	56.910	671455.89	0.0474	P	3.6
4	☐	125.000	141.630	1670262.16	0.1180	A	4.9
5	☐	250.000	298.427	3408886.19	0.2486	A	2.7
6	☐	500.000	491.699	6094069.10	0.4097	A	8.9
7	☐	1000.000	989.619	11601179.60	0.8245	A	3.3
8	☐			2464.18	0.0002	P	7.1

$$y = 8.3314\text{E-}004 * x + 1.3489\text{E-}005$$

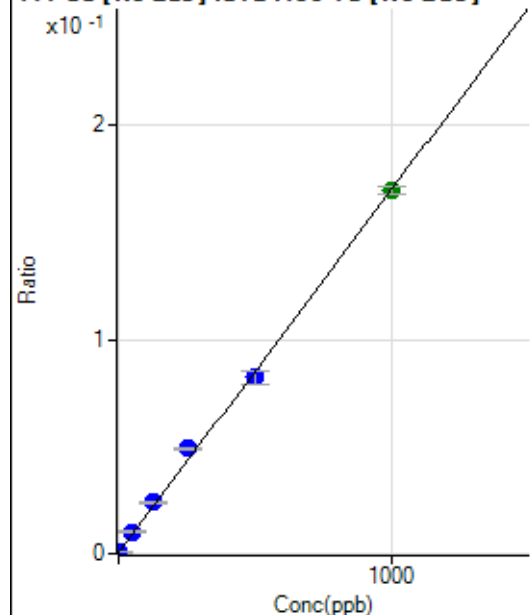
$$R = 0.9986$$

$$DL = 0.01177$$

$$BEC = 0.01619$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5748.14	0.0004	P	1.5
2	☐	1.000	1.132	8608.94	0.0006	P	2.1
3	☐	50.000	57.763	144640.93	0.0102	P	3.8
4	☐	125.000	139.463	340635.93	0.0241	P	4.0
5	☐	250.000	287.478	673903.84	0.0492	P	1.6
6	☐	500.000	483.787	1226587.58	0.0824	P	7.9
7	☐	1000.000	996.541	2383027.41	0.1693	A	2.1
8	☐			5835.28	0.0004	P	0.9

$$y = 1.6949\text{E-}004 * x + 4.2621\text{E-}004$$

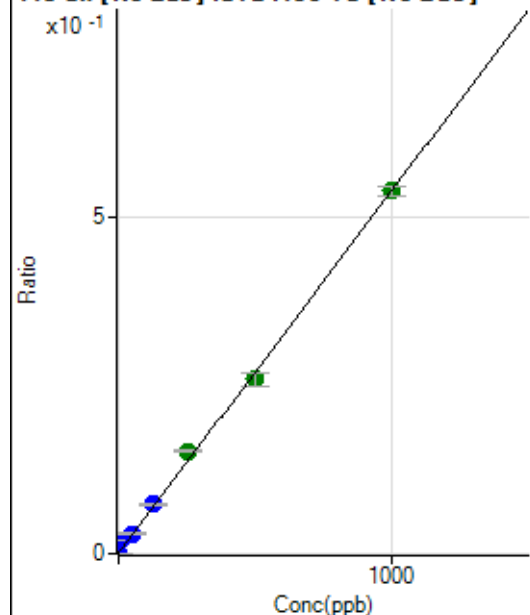
$$R = 0.9990$$

$$DL = 0.1155$$

$$BEC = 2.515$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9612.23	0.0007	P	5.2
2	☐	5.000	36.404	282200.33	0.0203	P	2.3
3	☐	50.000	53.801	419284.57	0.0296	P	3.5
4	☐	125.000	134.073	1029824.67	0.0727	P	3.2
5	☐	250.000	282.208	2088958.88	0.1523	A	0.7
6	☐	500.000	480.458	3852468.79	0.2588	A	7.3
7	☐	1000.000	1000.238	7570937.84	0.5380	A	2.5
8	☐			8169.32	0.0006	P	1.5

$$y = 5.3720\text{E-}004 * x + 7.1408\text{E-}004$$

$$R = 0.9989$$

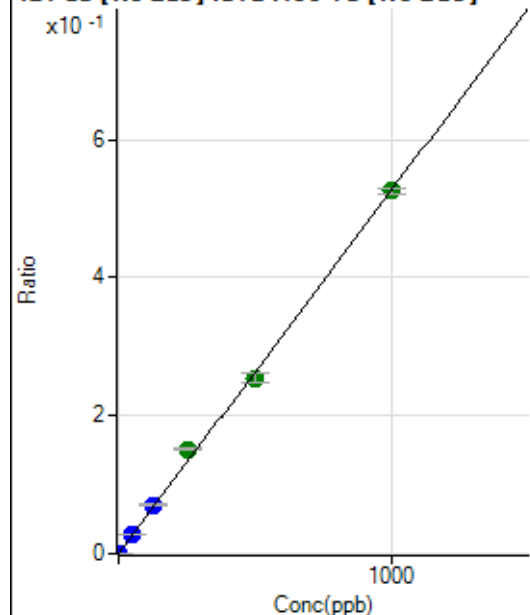
$$DL = 0.2054$$

$$BEC = 1.329$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	12.5
2	☐	2.000	2.073	15231.10	0.0011	P	6.0
3	☐	50.000	54.267	404519.80	0.0286	P	2.6
4	☐	125.000	133.757	996927.30	0.0704	P	2.6
5	☐	250.000	287.212	2072823.68	0.1512	A	2.0
6	☐	500.000	482.725	3785625.82	0.2541	A	5.1
7	☐	1000.000	998.027	7392367.87	0.5253	A	1.3
8	☐			7980.33	0.0006	P	6.5

$$y = 5.2635\text{E-}004 * x + 3.6958\text{E-}006$$

$$R = 0.9990$$

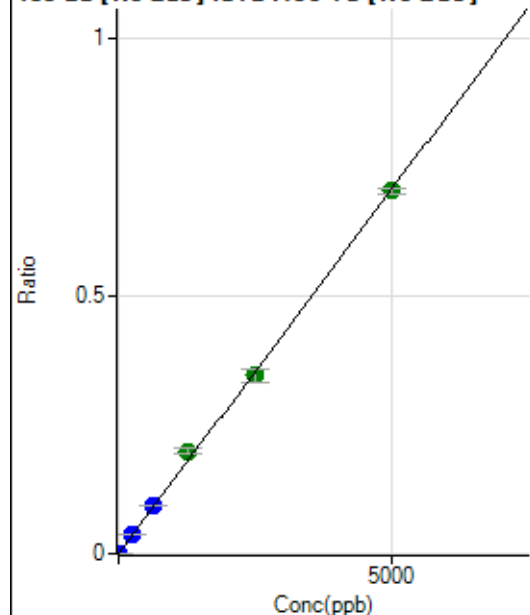
$$DL = 0.002635$$

$$BEC = 0.007022$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	29.3
2	☐	10.000	10.072	19856.78	0.0014	P	5.4
3	☐	250.000	268.783	538424.88	0.0380	P	1.5
4	☐	625.000	659.717	1321312.80	0.0933	P	1.5
5	☐	1250.000	1412.314	2737401.97	0.1997	A	4.1
6	☐	2500.000	2445.053	5147722.38	0.3458	A	6.8
7	☐	5000.000	4981.616	9914244.15	0.7044	A	1.2
8	☐			4284.14	0.0003	P	8.6

$$y = 1.4141\text{E-}004 * x + 2.6962\text{E-}006$$

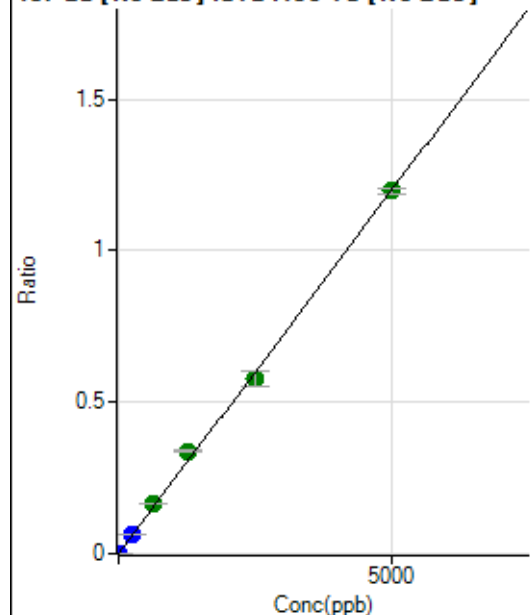
$$R = 0.9993$$

$$DL = 0.01676$$

$$BEC = 0.01907$$

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	80.56	0.0000	P	35.8
2	☐	10.000	10.493	35104.80	0.0025	P	1.4
3	☐	250.000	274.351	931245.42	0.0658	P	2.5
4	☐	625.000	693.587	2354670.19	0.1663	A	1.3
5	☐	1250.000	1409.937	4633984.13	0.3380	A	1.6
6	☐	2500.000	2410.526	8595878.23	0.5778	A	8.6
7	☐	5000.000	4994.961	16848842.56	1.1973	A	1.7
8	☐			7410.59	0.0006	P	7.7

$$y = 2.3969E-004 * x + 6.0495E-006$$

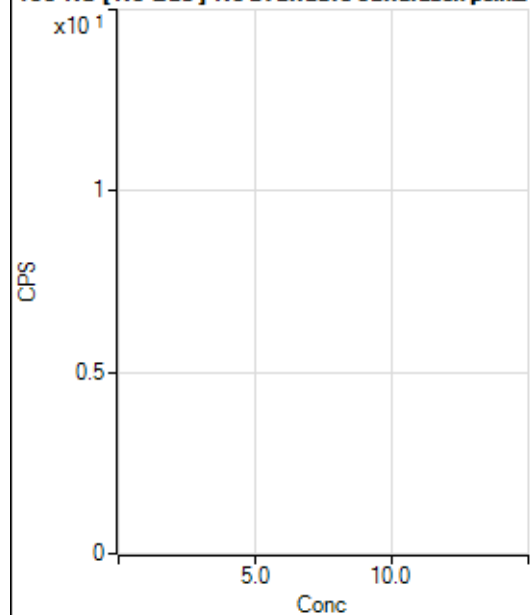
$$R = 0.9992$$

$$DL = 0.02707$$

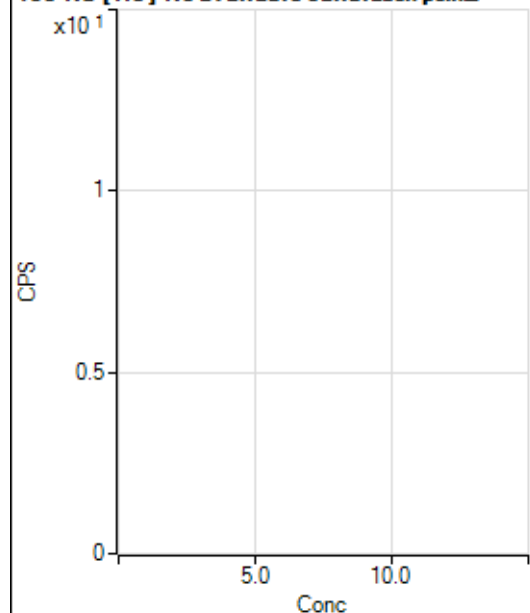
$$BEC = 0.02524$$

Weight: <None>

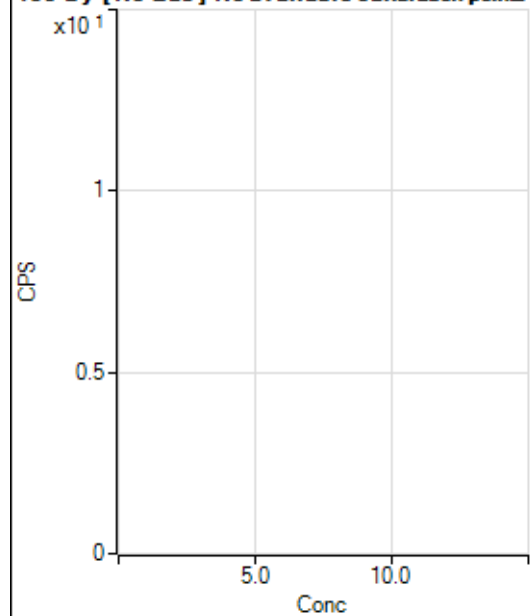
Min Conc: 0

150 Nd [No Gas] No available calibration points

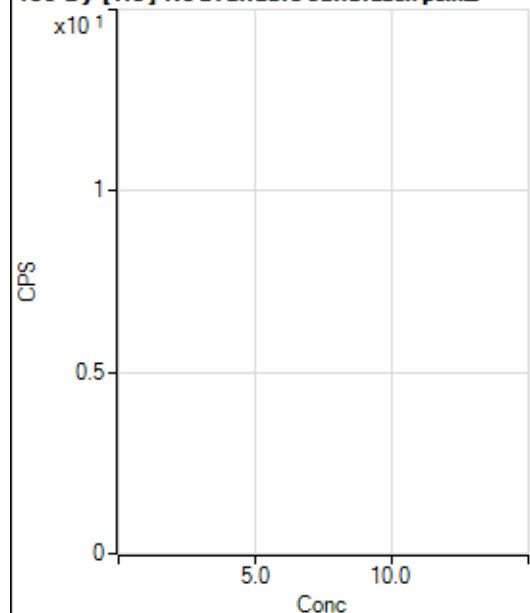
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	132.
2	☐			15.56		P	65.5
3	☐			91.11		P	27.7
4	☐			153.34		P	37.7
5	☐			293.34		P	8.2
6	☐			428.91		P	8.0
7	☐			820.04		P	5.7
8	☐			97.78		P	17.2

150 Nd [He] No available calibration points

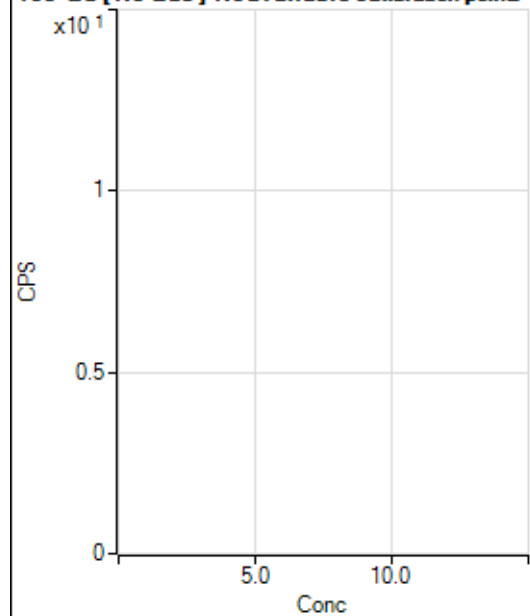
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	114.
3	☐			7.78		P	99.0
4	☐			10.00		P	57.8
5	☐			17.78		P	75.8
6	☐			26.67		P	12.5
7	☐			60.00		P	19.2
8	☐			27.78		P	27.7

156 Dy [No Gas] No available calibration points

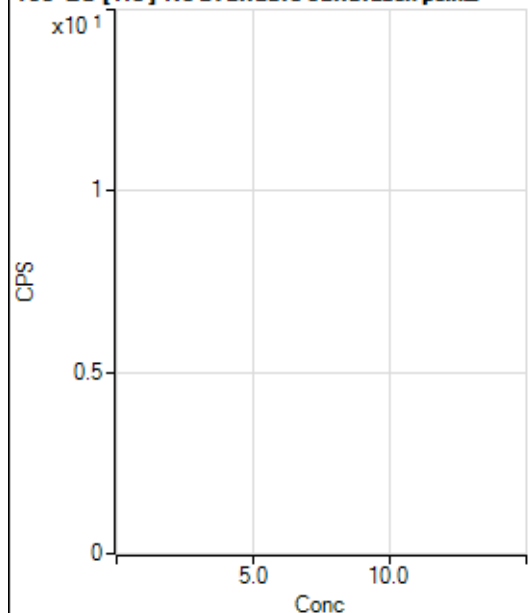
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			8.33		P	173.
3	☐			25.00		P	33.3
4	☐			75.00		P	29.4
5	☐			141.67		P	15.6
6	☐			202.79		P	20.3
7	☐			347.24		P	21.6
8	☐			941.73		P	11.6

156 Dy [He] No available calibration points

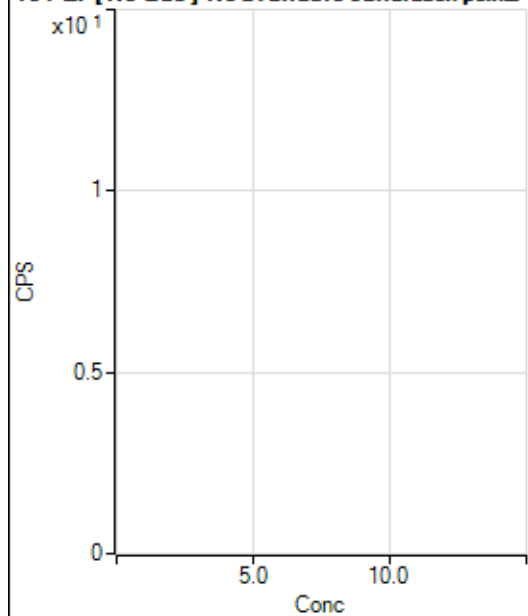
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			2.22		P	173.
3	☐			13.33		P	66.1
4	☐			22.22		P	17.3
5	☐			50.00		P	17.6
6	☐			48.89		P	23.9
7	☐			150.00		P	13.5
8	☐			367.79		P	4.3

160 Gd [No Gas] Noavailable calibration poin_

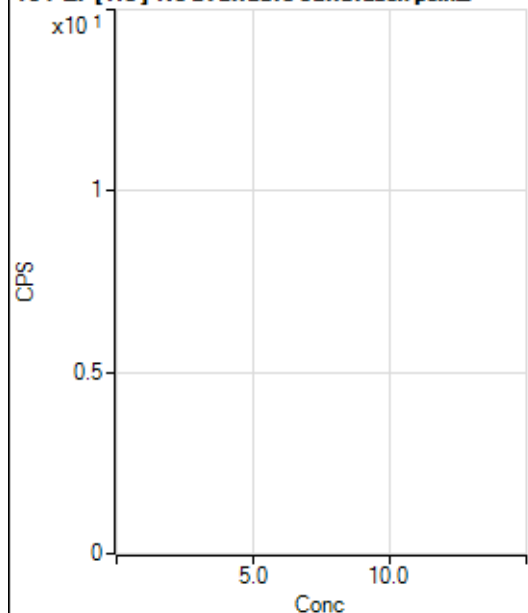
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			119.45		P	10.7
2	☐			86.11		P	40.3
3	☐			136.12		P	23.2
4	☐			138.89		P	22.7
5	☐			122.23		P	32.2
6	☐			169.45		P	11.4
7	☐			272.24		P	12.4
8	☐			716.71		P	6.2

160 Gd [He] No available calibration points

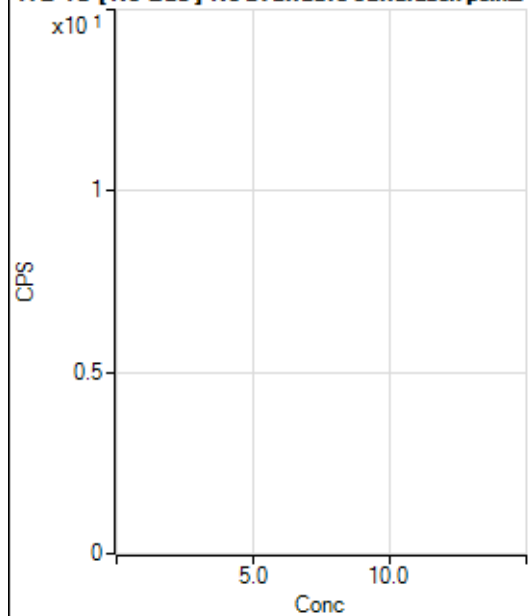
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			163.34		P	8.2
2	☐			161.11		P	13.3
3	☐			135.56		P	14.2
4	☐			131.11		P	7.8
5	☐			188.89		P	14.3
6	☐			198.89		P	18.7
7	☐			251.12		P	13.3
8	☐			510.01		P	10.5

164 Er [No Gas] No available calibration points

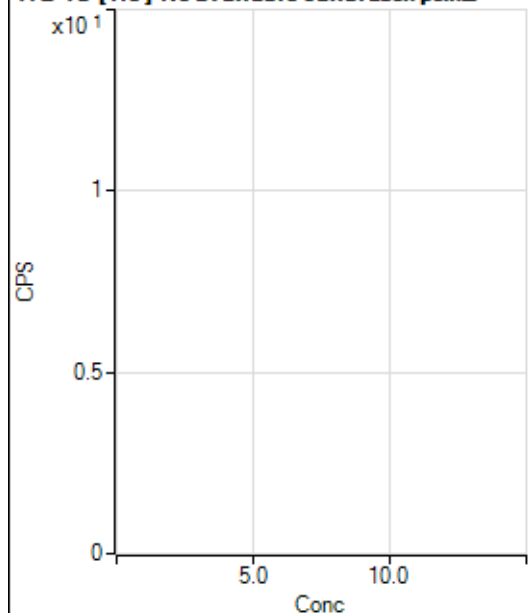
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	45.8
2	☐			52.78		P	9.1
3	☐			52.78		P	24.1
4	☐			52.78		P	36.5
5	☐			77.78		P	6.2
6	☐			100.01		P	46.4
7	☐			111.12		P	22.9
8	☐			111.12		P	26.3

164 Er [He] No available calibration points

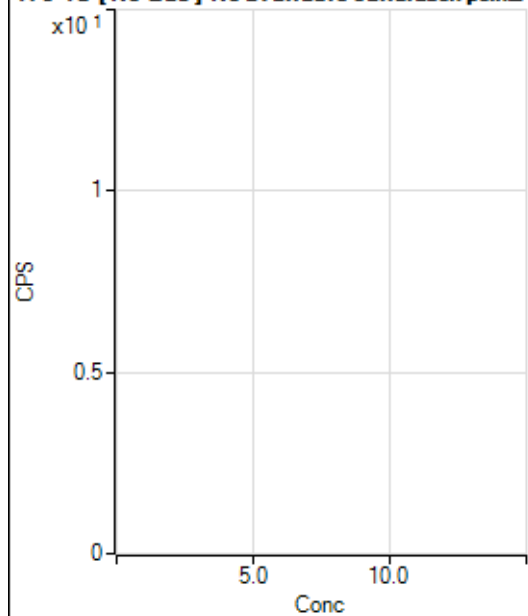
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	50.8
2	☐			31.11		P	27.0
3	☐			25.55		P	27.1
4	☐			32.22		P	29.8
5	☐			38.89		P	35.7
6	☐			30.00		P	29.4
7	☐			48.89		P	33.6
8	☐			68.89		P	24.8

172 Yb [No Gas] No available calibration points

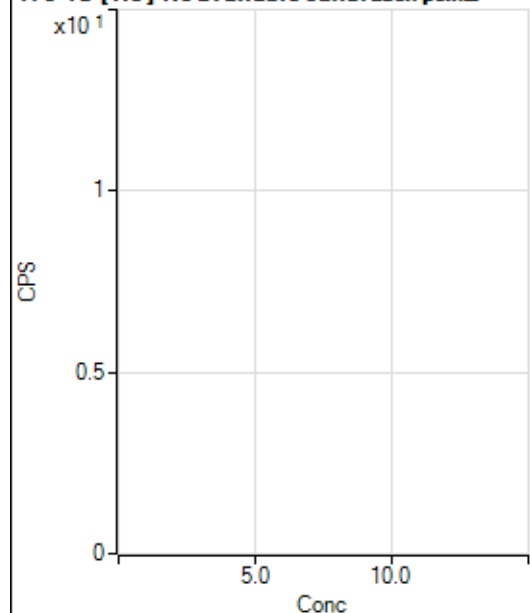
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	39.1
2	☐			63.89		P	60.2
3	☐			91.67		P	24.1
4	☐			83.34		P	20.0
5	☐			97.22		P	26.2
6	☐			127.78		P	15.1
7	☐			97.23		P	17.8
8	☐			175.01		P	12.6

172 Yb [He] No available calibration points

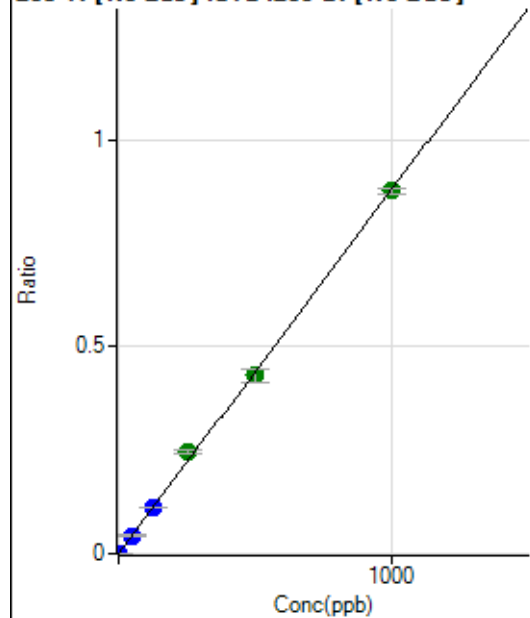
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐			37.04		P	8.7
3	☐			29.63		P	43.3
4	☐			25.93		P	53.9
5	☐			66.67		P	25.0
6	☐			44.45		P	12.5
7	☐			46.30		P	38.6
8	☐			107.41		P	19.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2489.20		P	1.4
2	☐			2583.67		P	6.2
3	☐			3214.38		P	8.0
4	☐			4475.89		P	0.9
5	☐			6954.81		P	3.8
6	☐			10195.87		P	1.4
7	☐			17804.22		P	3.9
8	☐			2436.42		P	4.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11931.50		P	1.0
2	☐			11392.21		P	6.2
3	☐			12545.07		P	3.8
4	☐			12526.56		P	1.2
5	☐			13953.87		P	3.5
6	☐			15670.67		P	4.2
7	☐			18322.23		P	1.9
8	☐			11744.33		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	555.59	0.0001	P	15.7
2	☐	1.000	0.943	6829.75	0.0009	P	6.0
3	☐	50.000	49.376	334992.44	0.0434	P	4.6
4	☐	125.000	127.313	857631.60	0.1119	P	2.1
5	☐	250.000	280.477	1827813.00	0.2464	A	2.6
6	☐	500.000	489.905	3365451.92	0.4303	A	6.9
7	☐	1000.000	997.171	6526041.25	0.8757	A	1.6
8	☐			2158.57	0.0003	P	6.8

$$y = 8.7814\text{E-}004 * x + 7.5481\text{E-}005$$

$$R = 0.9994$$

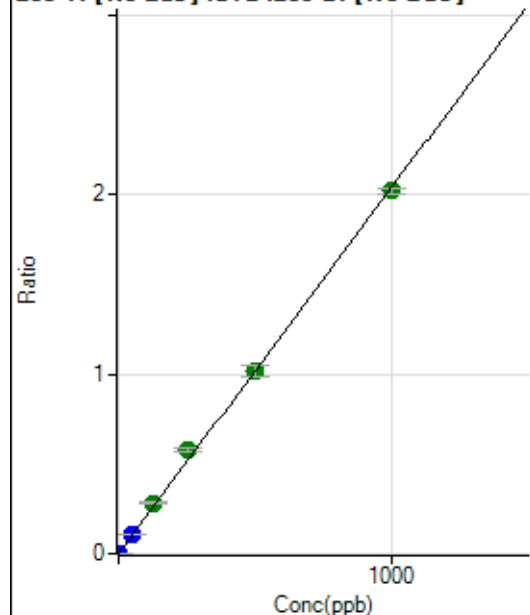
$$DL = 0.04038$$

$$BEC = 0.08596$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1172.31	0.0002	P	18.8
2	☐	1.000	0.975	16246.77	0.0021	P	3.5
3	☐	50.000	51.929	818050.94	0.1061	P	5.1
4	☐	125.000	139.143	2177256.41	0.2840	A	2.8
5	☐	250.000	282.958	4283431.47	0.5773	A	3.3
6	☐	500.000	497.314	7937613.20	1.0146	A	6.3
7	☐	1000.000	991.239	15068665.79	2.0220	A	1.5
8	☐			5320.68	0.0009	P	6.8

$$y = 0.0020 * x + 1.5939E-004$$

$$R = 0.9993$$

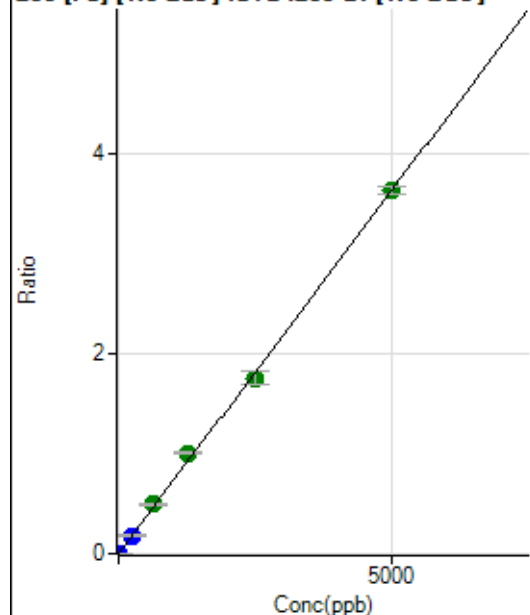
$$DL = 0.04401$$

$$BEC = 0.07814$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1044.51	0.0001	P	3.8
2	☐	1.000	1.017	6661.12	0.0009	P	3.0
3	☐	250.000	248.866	1395861.53	0.1810	P	3.9
4	☐	625.000	683.389	3807385.76	0.4967	A	2.3
5	☐	1250.000	1390.369	7495575.80	1.0103	A	1.6
6	☐	2500.000	2416.963	13736096.60	1.7562	A	7.4
7	☐	5000.000	4999.184	27067868.43	3.6324	A	2.0
8	☐			5147.51	0.0008	P	15.7

$$y = 7.2656E-004 * x + 1.4132E-004$$

$$R = 0.9993$$

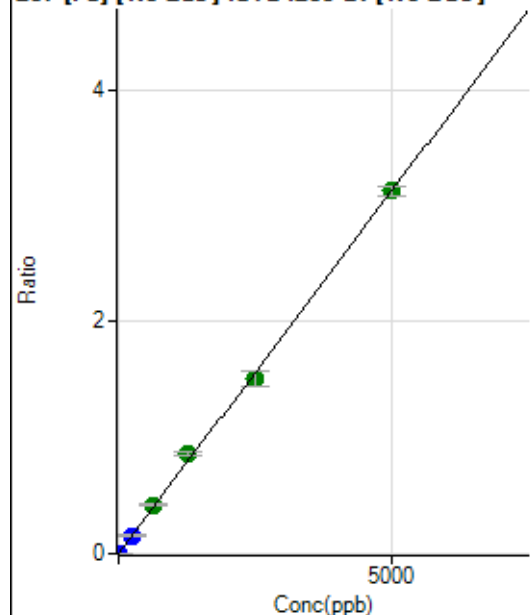
$$DL = 0.02236$$

$$BEC = 0.1945$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	877.83	0.0001	P	10.1
2	☐	1.000	1.040	5812.53	0.0008	P	2.6
3	☐	250.000	248.275	1196985.31	0.1552	P	4.2
4	☐	625.000	670.393	3211389.08	0.4188	A	2.1
5	☐	1250.000	1386.260	6424828.21	0.8659	A	3.0
6	☐	2500.000	2411.295	11776645.63	1.5062	A	8.1
7	☐	5000.000	5004.699	23291905.15	3.1259	A	2.9
8	☐			4032.23	0.0006	P	11.8

$$y = 6.2457\text{E-}004 * x + 1.1867\text{E-}004$$

$$R = 0.9993$$

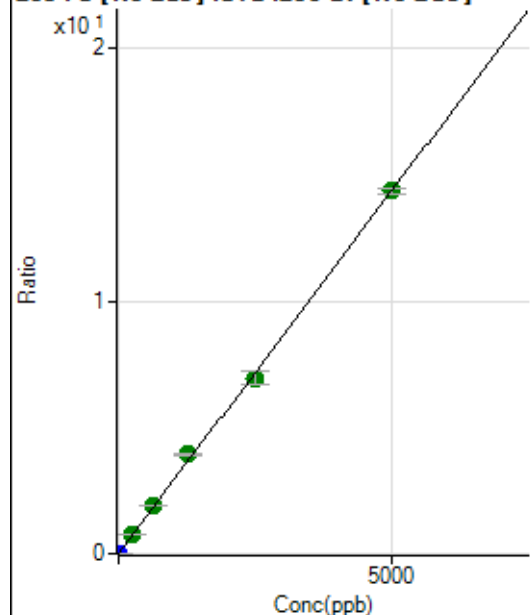
$$DL = 0.05748$$

$$BEC = 0.19$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4146.64	0.0006	P	4.0
2	☐	1.000	1.023	26472.20	0.0035	P	3.0
3	☐	250.000	259.903	5763323.02	0.7470	A	3.3
4	☐	625.000	672.316	14809523.22	1.9315	A	0.2
5	☐	1250.000	1375.836	29320394.17	3.9520	A	1.7
6	☐	2500.000	2416.032	54271140.33	6.9395	A	7.7
7	☐	5000.000	5004.115	107107388.7	14.3725	A	1.4
8	☐			19549.14	0.0031	P	12.0

$$y = 0.0029 * x + 5.6114\text{E-}004$$

$$R = 0.9994$$

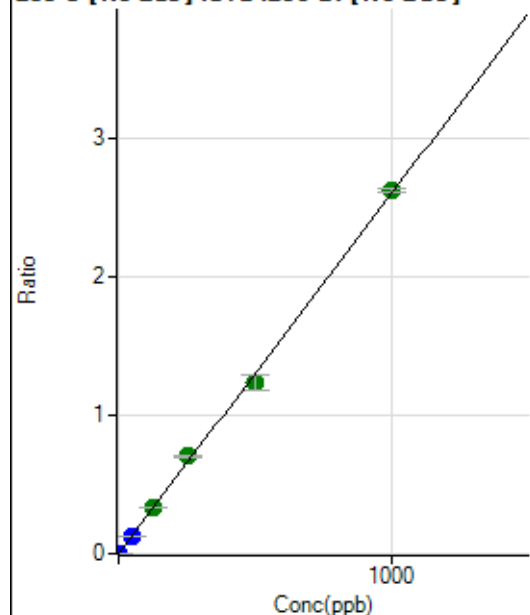
$$DL = 0.02316$$

$$BEC = 0.1954$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	47.5
2	☐	1.000	0.922	18210.98	0.0024	P	5.5
3	☐	50.000	48.432	973352.62	0.1262	P	4.3
4	☐	125.000	128.303	2563039.64	0.3343	A	3.5
5	☐	250.000	269.815	5215222.86	0.7030	A	0.8
6	☐	500.000	475.268	9677111.41	1.2383	A	9.0
7	☐	1000.000	1007.078	19554425.96	2.6239	A	1.2
8	☐			1352.91	0.0002	P	12.9

$$y = 0.0026 * x + 5.5355E-006$$

$$R = 0.9993$$

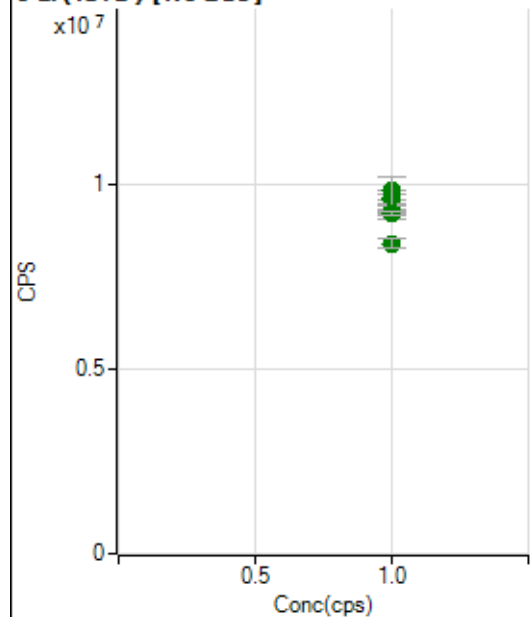
$$DL = 0.003029$$

$$BEC = 0.002125$$

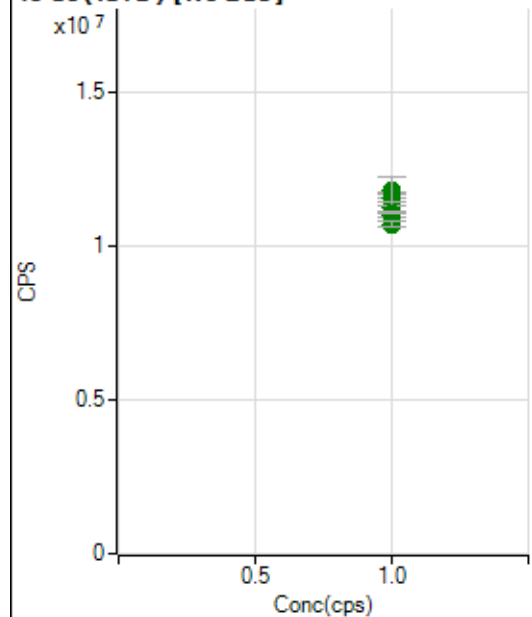
Weight: <None>

Min Conc: 0

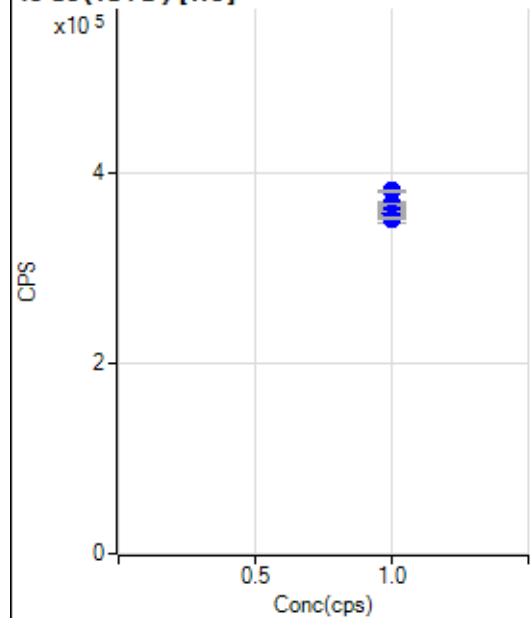
6 Li (ISTD) [No Gas]



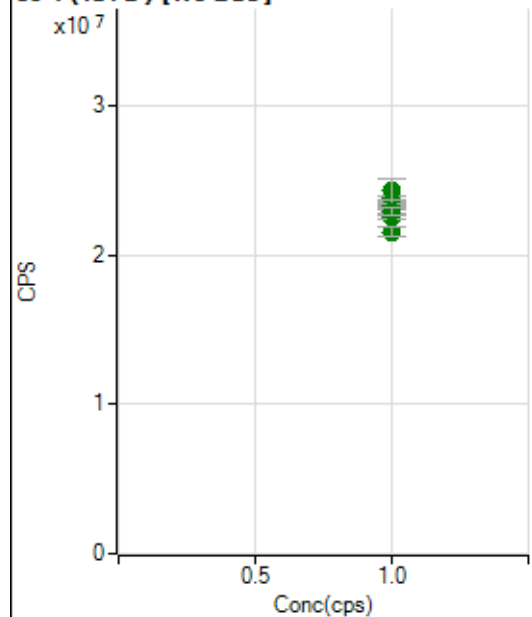
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9324055.03		A	5.6
2	☐	1.000		9669857.95		A	3.6
3	☐	1.000		9598767.88		A	3.3
4	☐	1.000		9619721.92		A	2.8
5	☐	1.000		9292431.27		A	1.6
6	☐	1.000		9848489.16		A	8.0
7	☐	1.000		9250297.48		A	0.8
8	☐	1.000		8422413.46		A	3.3

45 Sc (ISTD) [No Gas]

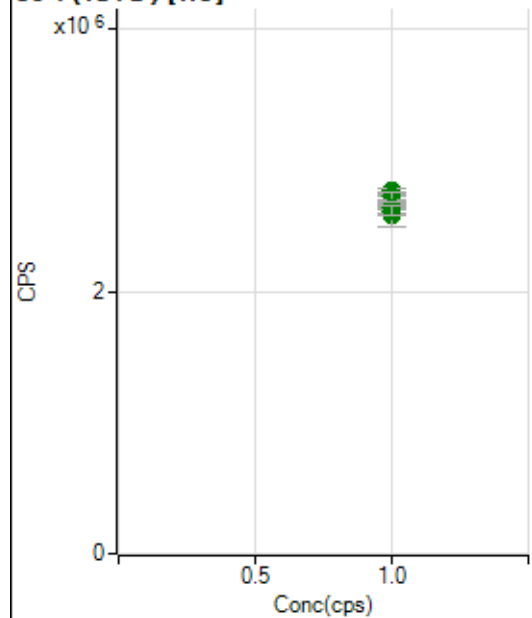
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11265709.28		A	3.5
2	☐	1.000		11420736.63		A	4.8
3	☐	1.000		11649399.69		A	1.1
4	☐	1.000		11574547.74		A	2.0
5	☐	1.000		11007447.13		A	0.9
6	☐	1.000		11784174.82		A	8.2
7	☐	1.000		11074584.42		A	0.8
8	☐	1.000		10699539.77		A	1.5

45 Sc (ISTD) [He]

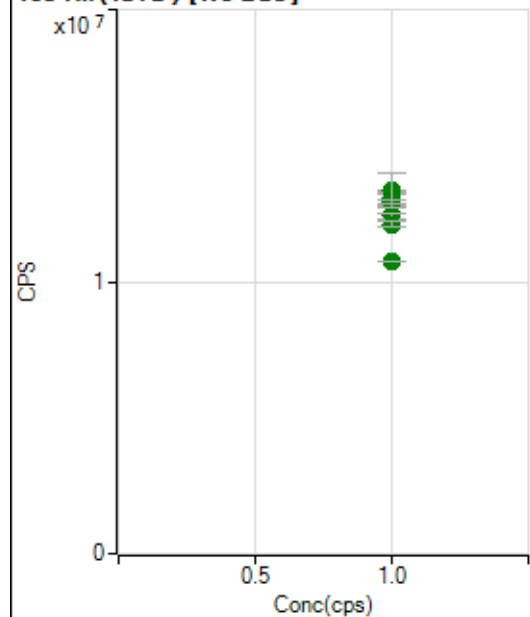
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		367870.66		P	0.5
2	☐	1.000		358675.28		P	6.1
3	☐	1.000		381452.78		P	0.7
4	☐	1.000		360071.27		P	1.6
5	☐	1.000		360943.59		P	1.1
6	☐	1.000		366300.01		P	0.7
7	☐	1.000		358295.63		P	1.4
8	☐	1.000		352640.95		P	0.7

89 Y (ISTD) [No Gas]

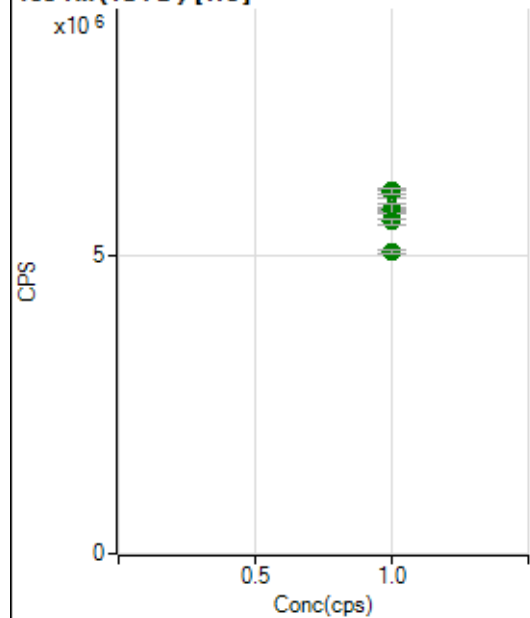
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22991223.55		A	2.8
2	☐	1.000		23106133.55		A	2.5
3	☐	1.000		23791447.42		A	1.5
4	☐	1.000		23353732.15		A	2.7
5	☐	1.000		22556742.72		A	1.3
6	☐	1.000		24318321.86		A	7.0
7	☐	1.000		22917354.66		A	2.5
8	☐	1.000		21587103.01		A	2.6

89 Y (ISTD) [He]

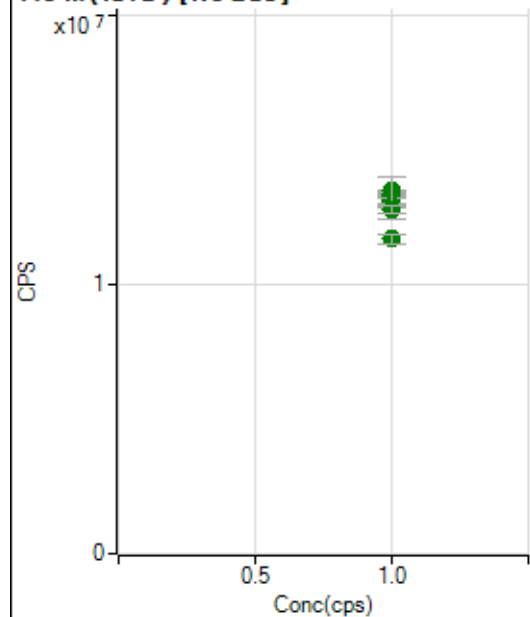
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2695490.20		A	2.8
2	☐	1.000		2586561.96		A	7.5
3	☐	1.000		2766592.42		A	1.6
4	☐	1.000		2629404.22		A	0.3
5	☐	1.000		2659500.77		A	1.2
6	☐	1.000		2725653.47		A	2.5
7	☐	1.000		2643842.08		A	3.2
8	☐	1.000		2615876.23		A	2.7

103 Rh (ISTD) [No Gas]

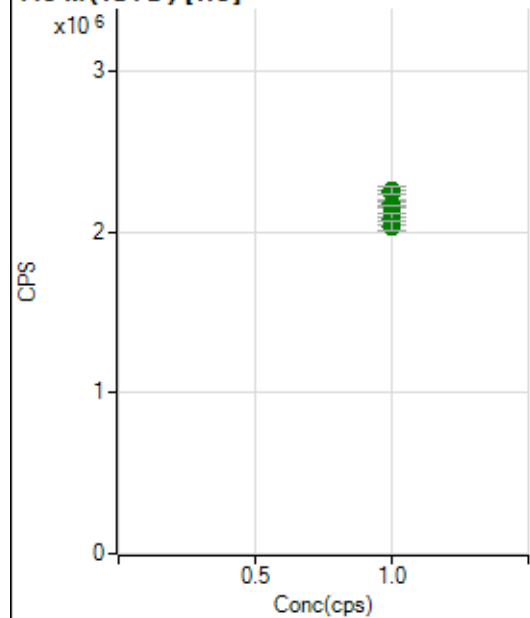
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13092216.79		A	3.5
2	☐	1.000		13059525.90		A	4.4
3	☐	1.000		13266477.81		A	0.5
4	☐	1.000		12935413.83		A	1.5
5	☐	1.000		12413486.56		A	2.1
6	☐	1.000		13337251.52		A	9.5
7	☐	1.000		12104307.82		A	1.9
8	☐	1.000		10747948.25		A	0.2

103 Rh (ISTD) [He]

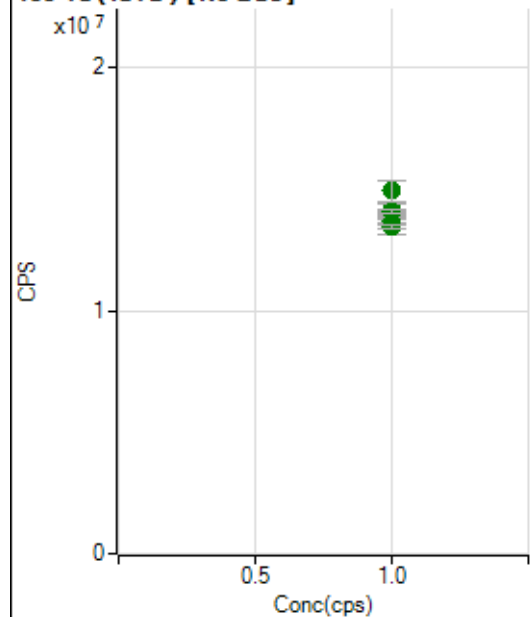
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6050836.23		A	1.2
2	☐	1.000		5730558.42		A	8.0
3	☐	1.000		6081950.47		A	1.6
4	☐	1.000		5773837.00		A	1.2
5	☐	1.000		5771299.08		A	0.1
6	☐	1.000		5785435.54		A	2.7
7	☐	1.000		5560810.30		A	1.5
8	☐	1.000		5060685.17		A	1.3

115 In (ISTD) [No Gas]

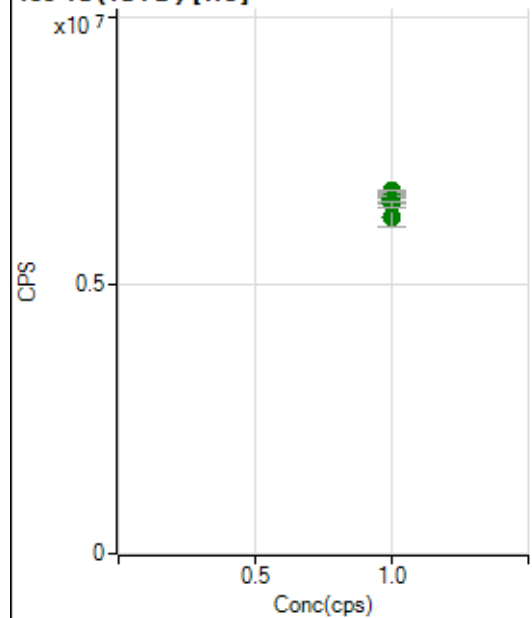
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12978965.81		A	8.0
2	☐	1.000		13115699.70		A	3.5
3	☐	1.000		13378630.14		A	0.9
4	☐	1.000		13318703.11		A	1.9
5	☐	1.000		13134162.17		A	1.8
6	☐	1.000		13486979.18		A	7.8
7	☐	1.000		12770429.70		A	2.1
8	☐	1.000		11706363.03		A	3.0

115 In (ISTD) [He]

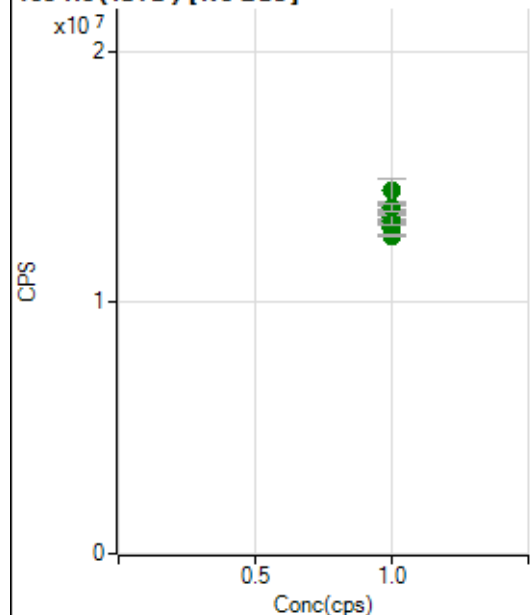
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2241692.47		A	1.1
2	☐	1.000		2145472.74		A	5.4
3	☐	1.000		2254515.05		A	2.1
4	☐	1.000		2152233.57		A	3.0
5	☐	1.000		2173591.45		A	2.3
6	☐	1.000		2167056.63		A	0.2
7	☐	1.000		2083982.19		A	3.5
8	☐	1.000		2037349.58		A	2.8

159 Tb (ISTD) [No Gas]

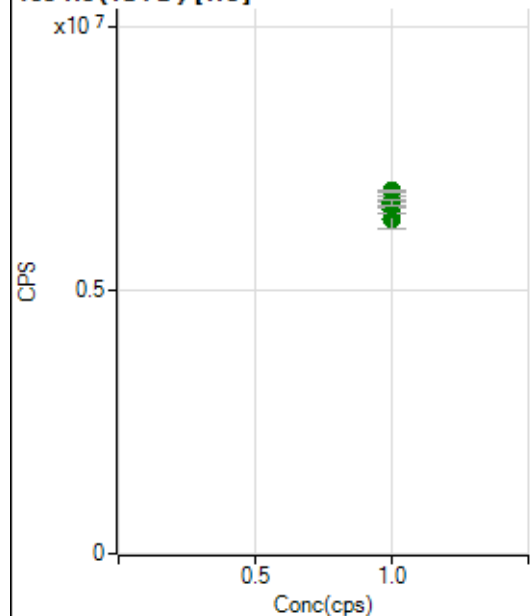
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13483731.33		A	5.2
2	☐	1.000		13926145.49		A	2.1
3	☐	1.000		14167766.74		A	3.3
4	☐	1.000		14166455.07		A	2.9
5	☐	1.000		13713505.90		A	2.0
6	☐	1.000		14929680.89		A	6.1
7	☐	1.000		14073544.23		A	1.0
8	☐	1.000		13470343.55		A	1.1

159 Tb (ISTD) [He]

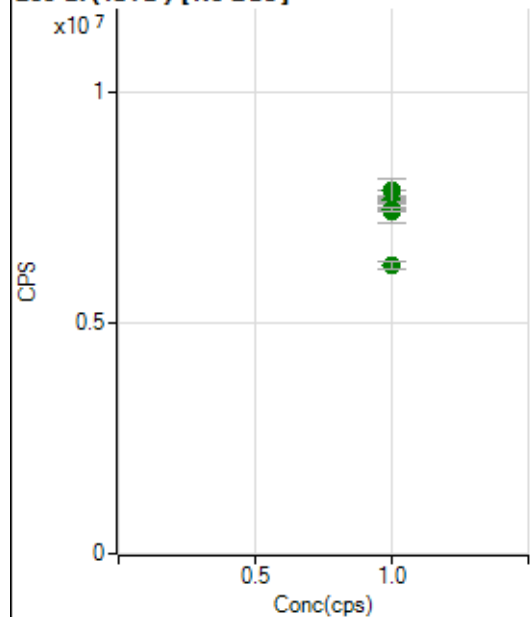
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6568771.01		A	1.4
2	☐	1.000		6279519.14		A	5.5
3	☐	1.000		6729613.79		A	0.8
4	☐	1.000		6594154.56		A	0.8
5	☐	1.000		6618096.71		A	1.4
6	☐	1.000		6761828.58		A	0.4
7	☐	1.000		6603047.82		A	1.9
8	☐	1.000		6518362.26		A	1.6

165 Ho (ISTD) [No Gas]

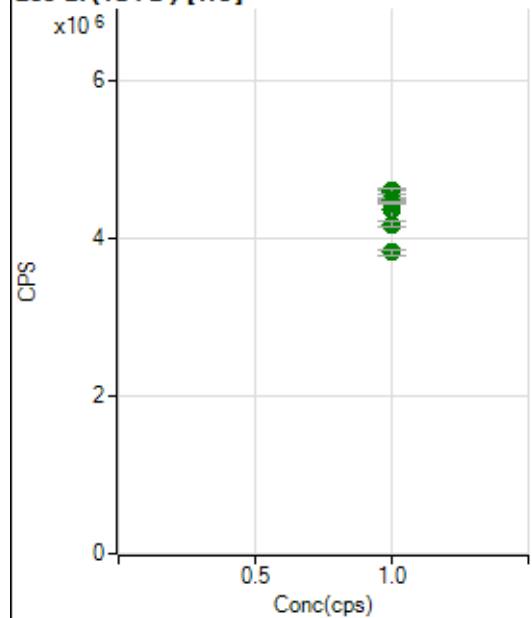
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12985493.26		A	4.8
2	☐	1.000		12946978.33		A	3.1
3	☐	1.000		13755358.82		A	1.2
4	☐	1.000		13415476.78		A	2.2
5	☐	1.000		13271564.01		A	2.9
6	☐	1.000		14449556.92		A	6.4
7	☐	1.000		13781929.99		A	2.4
8	☐	1.000		12658899.76		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6735179.48		A	1.9
2	☐	1.000		6375161.71		A	5.9
3	☐	1.000		6894540.25		A	0.3
4	☐	1.000		6542680.74		A	2.7
5	☐	1.000		6615859.00		A	1.7
6	☐	1.000		6693747.68		A	0.6
7	☐	1.000		6634558.58		A	2.0
8	☐	1.000		6682363.02		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7401316.00		A	6.5
2	☐	1.000		7566611.28		A	3.0
3	☐	1.000		7721052.73		A	3.6
4	☐	1.000		7667402.80		A	1.3
5	☐	1.000		7418723.71		A	0.6
6	☐	1.000		7845356.48		A	6.6
7	☐	1.000		7453161.28		A	1.3
8	☐	1.000		6227447.06		A	2.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4582358.82		A	1.1
2	☐	1.000		4350224.31		A	5.9
3	☐	1.000		4595368.30		A	1.3
4	☐	1.000		4486699.48		A	1.0
5	☐	1.000		4481042.33		A	1.5
6	☐	1.000		4443130.66		A	0.5
7	☐	1.000		4172519.73		A	1.8
8	☐	1.000		3812175.77		A	2.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8081122MS.b
Acq. Date-Time 2022-08-11 14:55:43
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		30915	309149.90			1.855	5.000
24		211267	2112672.68			2.743	5.000
25		27680	276796.95			3.370	5.000
26		31587	315871.62			2.627	5.000
59		46366	463656.80			1.516	5.000
113		19023	190233.67			1.491	5.000
115		57065	570651.95			2.657	5.000
206		18605	186053.28			0.951	5.000
207		15459	154591.83			2.059	5.000
208		38242	382424.17			1.655	5.000
220		1	5.70			49.466	

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

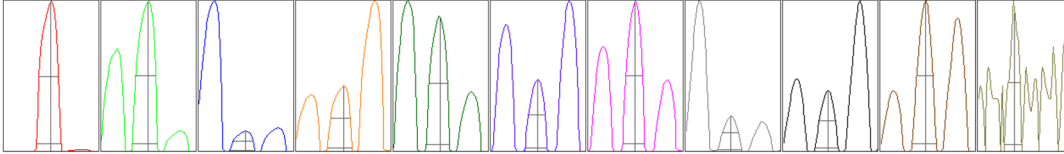
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	31067	31216	31536	30033	30722
24	209901	216757	217886	205241	206552
25	28090	28526	28273	26238	27272
26	31921	31718	32588	30330	31379
59	46295	46824	47159	45309	46241
113	19291	19060	19254	18595	18916
115	58751	57453	57389	54596	57137
206	18607	18541	18839	18359	18681
207	15365	15482	15669	14976	15804
208	37754	38399	39003	37450	38606

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	54437.04	9.00	8.90 - 9.10	
24	353483.71	24.00	23.90 - 24.10	
25	46364.26	25.00	24.90 - 25.10	
26	53530.95	26.05	25.90 - 26.10	
59	84826.11	59.00	58.90 - 59.10	
113	38266.76	113.00	112.90 - 113.10	
115	115069.03	115.00	114.90 - 115.10	
206	37407.93	205.95	205.90 - 206.10	
207	31396.13	206.95	206.90 - 207.10	
208	77875.87	207.95	207.90 - 208.10	
220	1.05	219.70	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.781	0.900	
24	0.64	0.788	0.900	
25	0.64	0.785	0.900	
26	0.62	0.785	0.900	
59	0.58	0.740	0.900	
113	0.52	0.688	0.900	
115	0.52	0.691	0.900	
206	0.51	0.765	0.900	
207	0.51	0.739	0.900	
208	0.50	0.771	0.900	
220	0.38	0.536		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.9 V	Deflect	14.8 V
Extract 2	-150.0 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	150 V		

QP Parameters

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

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.8 mm
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EM

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

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9659	96590.97			0.742	
89		58332	583322.16			1.077	
205		44709	447088.11			1.118	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9687	9639	9546	9735	9688
89	58044	58398	57437	58711	59071
205	43939	44775	44578	44992	45260

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.9 V	Deflect	4.0 V
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US EPA Tune Check Report

Extract 2	-150.0 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	125	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.5 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:43:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.04	-0.19	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	-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	-0.03	-0.06	0.09	0.00	N/A	ppb
Boron	11-1	-0.08	-0.05	0.12	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.04	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.43	0.49	-0.05	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.01	0.05	0.00	N/A	ppb
Calcium	43-1	0.57	-1.07	0.50	0.00	N/A	ppb
Calcium	44-1	-0.03	-0.78	0.81	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.11	0.12	-0.01	0.00	N/A	ppb
Iron	56-2	-0.03	0.10	-0.06	0.00	N/A	ppb
Iron	57-2	-0.61	-0.14	0.76	0.00	N/A	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:43:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.18	0.05	0.13	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-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	0.02	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-18.85	-11.74	-16.44	-15.68		ppb
Potassium	39-2	0.77	-1.89	1.12	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.03	0.00	0.03	0.00	N/A	ppb
Selenium	77-2	0.15	-0.32	0.17	0.00	N/A	ppb
Selenium	78-2	-0.04	-0.08	0.11	0.00	N/A	ppb
Silicon	28-1	0.21	-1.21	0.99	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	1.77	-1.40	-0.37	0.00	N/A	ppb
Strontium	86-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-25.24	-257.27	471.49	62.99	591.02	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	-0.02	0.01	0.01	0.00	N/A	ppb
Tin	118-1	-0.06	-0.02	0.08	0.00	N/A	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:43:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	-0.01	-0.07	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	-0.01	-0.03	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:46:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.73	21.19	23.66	22.52	5.55	ppb
Antimony	121-1	1.94	2.18	2.10	2.07	6.01	ppb
Arsenic	75-2	1.31	1.07	1.39	1.26	12.91	ppb
Barium	135-1	9.47	10.53	10.22	10.07	5.41	ppb
Barium	137-1	10.38	10.66	10.44	10.49	1.44	ppb
Beryllium	9-1	1.07	1.16	1.10	1.11	4.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	20.17	22.89	22.61	21.89	6.83	ppb
Boron	11-1	22.02	25.10	24.30	23.80	6.72	ppb
Bromine	81-1						cps
Cadmium	111-1	1.21	1.13	1.06	1.13	6.68	ppb
Cadmium	106-1	2.27	0.73	0.58	1.19	78.35	ppb
Cadmium	108-1	1.19	1.16	1.05	1.13	6.10	ppb
Calcium	43-1	501.12	543.60	535.40	526.71	4.28	ppb
Calcium	44-1	500.50	562.75	533.55	532.27	5.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.43	2.24	2.64	2.44	8.25	ppb
Cobalt	59-2	1.08	1.02	1.18	1.09	7.46	ppb
Copper	63-1	2.00	2.23	2.13	2.12	5.58	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				95		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	58.61	58.87	68.42	61.97	9.02	ppb
Iron	56-2	57.50	56.88	62.86	59.08	5.56	ppb
Iron	57-2	61.06	56.12	63.33	60.17	6.13	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:46:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	1.01	1.05	1.02	3.53	ppb
Lead	207-1	1.01	1.04	1.07	1.04	3.02	ppb
Lead	208-1	0.98	1.04	1.05	1.02	3.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	556.08	533.10	615.32	568.17	7.47	ppb
Manganese	55-2	1.30	1.18	1.36	1.28	7.03	ppb
Molybdenum	94-1	6.14	6.48	6.25	6.29	2.77	ppb
Molybdenum	95-1	5.14	5.51	5.18	5.28	3.86	ppb
Molybdenum	96-1	4.96	5.41	5.33	5.23	4.56	ppb
Molybdenum	97-1	5.22	5.39	5.45	5.35	2.22	ppb
Molybdenum	98-1	4.97	5.19	5.43	5.20	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.29	1.59	1.37	14.53	ppb
Phosphorus	31-2	-0.20	30.39	16.85	15.68	97.76	ppb
Potassium	39-2	524.10	511.27	584.91	540.09	7.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	5.46	5.51	6.06	5.67	5.90	ppb
Selenium	77-2	8.04	7.24	2.42	5.90	51.58	ppb
Selenium	78-2	6.40	4.72	7.24	6.12	20.95	ppb
Silicon	28-1	3.05	9.23	6.76	6.34	48.97	ppb
Silver	107-1	1.07	1.13	1.07	1.09	3.37	ppb
Silver	109-1	1.12	1.09	1.10	1.10	1.41	ppb
Sodium	23-2	527.14	499.58	587.40	538.04	8.35	ppb
Strontium	86-1	0.94	1.00	1.02	0.99	4.12	ppb
Strontium	88-1	0.96	1.09	0.99	1.02	6.63	ppb
Sulfur	34-1	-387.50	235.27	-36.75	-62.99		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.92	1.01	0.90	0.94	6.58	ppb
Thallium	205-1	0.94	1.02	0.97	0.98	3.83	ppb
Tin	118-1	35.41	36.95	36.85	36.40	2.37	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:46:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.11	5.43	5.67	5.40	5.22	ppb
Uranium	238-1	0.86	0.95	0.96	0.92	5.50	ppb
Vanadium	51-2	5.29	4.97	5.70	5.32	6.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	3.66	3.61	3.81	3.69	2.92	ppb
Zirconium	90-1	0.98	1.01	1.03	1.01	2.80	ppb
Zirconium	91-1	0.98	1.02	1.09	1.03	5.62	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:49:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1124.63	1082.39	1065.64	1090.89	2.79	ppb
Antimony	121-1	52.73	55.51	54.56	54.27	2.60	ppb
Arsenic	75-2	57.04	55.48	53.86	55.46	2.86	ppb
Barium	135-1	265.88	273.29	267.18	268.78	1.47	ppb
Barium	137-1	266.36	278.24	278.46	274.35	2.52	ppb
Beryllium	9-1	56.68	54.70	57.72	56.37	2.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	95.51	100.12	109.11	101.58	6.81	ppb
Boron	11-1	99.65	105.04	113.18	105.96	6.43	ppb
Bromine	81-1						cps
Cadmium	111-1	55.44	59.99	57.86	57.76	3.95	ppb
Cadmium	106-1	53.13	58.69	57.86	56.56	5.30	ppb
Cadmium	108-1	56.87	59.68	61.89	59.48	4.23	ppb
Calcium	43-1	6209.28	6139.10	6239.02	6195.80	0.83	ppb
Calcium	44-1	6186.83	6017.70	6124.81	6109.78	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.36	51.16	50.22	51.25	2.09	ppb
Cobalt	59-2	52.89	52.19	51.20	52.09	1.63	ppb
Copper	63-1	573.91	561.14	581.49	572.18	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	2895.46	2889.24	2829.65	2871.45	1.27	ppb
Iron	56-2	2945.52	2885.60	2770.43	2867.18	3.10	ppb
Iron	57-2	2854.03	2728.29	2653.73	2745.35	3.69	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:49:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.60	253.29	255.71	248.87	3.95	ppb
Lead	207-1	236.46	252.75	255.62	248.27	4.16	ppb
Lead	208-1	250.11	265.34	264.25	259.90	3.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	5774.37	5613.27	5394.00	5593.88	3.41	ppb
Manganese	55-2	531.06	523.41	504.46	519.64	2.64	ppb
Molybdenum	94-1	534.97	544.04	551.46	543.49	1.52	ppb
Molybdenum	95-1	534.29	542.00	558.84	545.04	2.30	ppb
Molybdenum	96-1	528.07	536.76	558.74	541.19	2.92	ppb
Molybdenum	97-1	539.19	567.86	557.69	554.91	2.62	ppb
Molybdenum	98-1	525.82	547.03	546.74	539.86	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.12	55.08	53.91	54.71	1.26	ppb
Phosphorus	31-2	1084.67	1022.13	1057.36	1054.72	2.97	ppb
Potassium	39-2	2678.91	2658.74	2599.86	2645.84	1.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	58.34	57.40	58.34	58.03	0.94	ppb
Selenium	77-2	49.70	55.26	52.33	52.43	5.30	ppb
Selenium	78-2	58.89	58.54	56.66	58.03	2.07	ppb
Silicon	28-1	240.79	239.77	242.49	241.01	0.57	ppb
Silver	107-1	54.95	57.75	58.97	57.23	3.61	ppb
Silver	109-1	54.68	58.64	57.41	56.91	3.56	ppb
Sodium	23-2	5573.62	5374.74	5378.95	5442.44	2.09	ppb
Strontium	86-1	1338.81	1316.04	1346.36	1333.74	1.18	ppb
Strontium	88-1	1338.64	1330.79	1380.81	1350.08	1.99	ppb
Sulfur	34-1	1233.33	1105.37	1331.60	1223.43	9.27	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	46.99	49.56	51.58	49.38	4.66	ppb
Thallium	205-1	48.90	52.98	53.91	51.93	5.13	ppb
Tin	118-1	51.61	55.38	54.42	53.80	3.64	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:49:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	546.49	534.31	561.03	547.27	2.44	ppb
Uranium	238-1	46.04	49.74	49.52	48.43	4.29	ppb
Vanadium	51-2	52.17	50.90	50.60	51.22	1.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	572.64	558.45	545.04	558.71	2.47	ppb
Zirconium	90-1	55.20	54.87	55.15	55.07	0.33	ppb
Zirconium	91-1	53.06	52.18	53.45	52.90	1.23	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:52:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2896.50	2824.68	2831.10	2850.76	1.39	ppb
Antimony	121-1	130.29	133.85	137.13	133.76	2.56	ppb
Arsenic	75-2	145.65	144.25	140.92	143.61	1.69	ppb
Barium	135-1	653.15	655.18	670.83	659.72	1.47	ppb
Barium	137-1	683.43	697.62	699.70	693.59	1.28	ppb
Beryllium	9-1	135.01	145.23	138.57	139.60	3.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	236.75	265.67	260.71	254.38	6.08	ppb
Boron	11-1	246.27	280.17	278.46	268.30	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	133.24	140.60	144.55	139.46	4.12	ppb
Cadmium	106-1	134.51	140.85	149.30	141.56	5.24	ppb
Cadmium	108-1	138.62	145.55	149.53	144.57	3.82	ppb
Calcium	43-1	15130.98	15388.01	15794.76	15437.92	2.17	ppb
Calcium	44-1	14601.79	14826.48	15347.30	14925.19	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.67	131.11	135.98	134.92	2.52	ppb
Cobalt	59-2	138.12	134.41	136.31	136.28	1.36	ppb
Copper	63-1	1368.78	1427.45	1425.53	1407.25	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	7555.04	7376.09	7448.36	7459.83	1.21	ppb
Iron	56-2	7618.77	7599.75	7488.51	7569.01	0.93	ppb
Iron	57-2	7421.64	7108.16	7131.90	7220.57	2.42	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:52:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	665.77	696.98	687.42	683.39	2.34	ppb
Lead	207-1	663.74	661.02	686.42	670.39	2.08	ppb
Lead	208-1	672.48	670.96	673.51	672.32	0.19	ppb
Lithium	6-1				103		%
Magnesium	24-2	15031.77	14422.13	14825.21	14759.71	2.10	ppb
Manganese	55-2	1460.73	1392.99	1408.14	1420.62	2.50	ppb
Molybdenum	94-1	1334.70	1369.70	1333.53	1345.98	1.53	ppb
Molybdenum	95-1	1355.73	1390.56	1341.73	1362.68	1.85	ppb
Molybdenum	96-1	1329.37	1376.43	1355.41	1353.74	1.74	ppb
Molybdenum	97-1	1310.15	1383.75	1353.08	1349.00	2.74	ppb
Molybdenum	98-1	1337.92	1322.90	1366.19	1342.34	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.63	136.37	141.30	140.43	2.64	ppb
Phosphorus	31-2	2856.57	2913.19	2732.60	2834.12	3.26	ppb
Potassium	39-2	7049.42	6912.35	7069.14	7010.30	1.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	140.81	147.86	146.51	145.06	2.58	ppb
Selenium	77-2	153.78	163.90	143.90	153.86	6.50	ppb
Selenium	78-2	153.96	141.46	150.02	148.48	4.30	ppb
Silicon	28-1	600.17	594.99	596.62	597.26	0.44	ppb
Silver	107-1	141.03	143.79	158.89	147.90	6.50	ppb
Silver	109-1	135.04	140.89	148.96	141.63	4.94	ppb
Sodium	23-2	14126.47	14066.19	14289.91	14160.85	0.82	ppb
Strontium	86-1	3194.16	3346.78	3303.47	3281.47	2.40	ppb
Strontium	88-1	3256.59	3402.11	3388.90	3349.20	2.40	ppb
Sulfur	34-1	3125.16	3309.42	3496.27	3310.28	5.61	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	125.16	130.36	126.42	127.31	2.13	ppb
Thallium	205-1	140.57	142.13	134.73	139.14	2.80	ppb
Tin	118-1	129.39	135.08	137.75	134.07	3.19	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:52:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1315.64	1345.64	1391.65	1350.98	2.83	ppb
Uranium	238-1	125.11	126.39	133.41	128.30	3.48	ppb
Vanadium	51-2	133.87	130.79	134.69	133.12	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1459.89	1397.97	1436.58	1431.48	2.18	ppb
Zirconium	90-1	136.69	137.20	143.10	139.00	2.57	ppb
Zirconium	91-1	130.02	135.32	134.05	133.13	2.08	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:55:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5912.37	5634.29	5645.75	5730.80	2.75	ppb
Antimony	121-1	293.50	285.64	282.49	287.21	1.97	ppb
Arsenic	75-2	280.52	278.71	279.55	279.60	0.32	ppb
Barium	135-1	1459.24	1429.91	1347.79	1412.31	4.09	ppb
Barium	137-1	1435.61	1402.44	1391.76	1409.94	1.62	ppb
Beryllium	9-1	297.77	289.11	295.03	293.97	1.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	526.11	524.29	546.74	532.38	2.34	ppb
Boron	11-1	509.87	526.30	533.97	523.38	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	291.79	288.17	282.47	287.48	1.63	ppb
Cadmium	106-1	293.00	294.71	279.01	288.90	2.98	ppb
Cadmium	108-1	305.62	303.14	287.88	298.88	3.21	ppb
Calcium	43-1	33798.32	34573.52	33990.56	34120.80	1.18	ppb
Calcium	44-1	30905.91	30110.34	30575.07	30530.44	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	270.14	268.46	265.81	268.14	0.81	ppb
Cobalt	59-2	293.84	272.29	276.83	280.99	4.04	ppb
Copper	63-1	2855.35	2948.70	2904.39	2902.81	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	15843.16	15753.93	15536.78	15711.29	1.00	ppb
Iron	56-2	15401.84	14710.85	14894.33	15002.34	2.39	ppb
Iron	57-2	14763.93	14298.88	14384.10	14482.30	1.71	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:55:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1413.02	1368.69	1389.39	1390.37	1.60	ppb
Lead	207-1	1408.63	1338.90	1411.24	1386.26	2.96	ppb
Lead	208-1	1389.78	1349.36	1388.36	1375.84	1.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	29570.70	27934.76	28503.86	28669.77	2.90	ppb
Manganese	55-2	2844.17	2790.20	2735.28	2789.88	1.95	ppb
Molybdenum	94-1	2728.01	2816.19	2772.89	2772.36	1.59	ppb
Molybdenum	95-1	2763.34	2828.69	2870.37	2820.80	1.91	ppb
Molybdenum	96-1	2736.45	2865.20	2755.78	2785.81	2.49	ppb
Molybdenum	97-1	2735.38	2826.75	2796.20	2786.11	1.67	ppb
Molybdenum	98-1	2800.09	2759.58	2842.43	2800.70	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	285.41	266.27	273.21	274.96	3.52	ppb
Phosphorus	31-2	5627.01	5615.09	5385.95	5542.68	2.45	ppb
Potassium	39-2	14215.57	14214.34	13885.06	14104.99	1.35	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	285.20	289.43	291.09	288.58	1.05	ppb
Selenium	77-2	295.95	284.71	277.65	286.10	3.23	ppb
Selenium	78-2	279.29	282.52	282.03	281.28	0.62	ppb
Silicon	28-1	1219.18	1250.79	1229.31	1233.09	1.31	ppb
Silver	107-1	296.62	303.52	287.05	295.73	2.80	ppb
Silver	109-1	306.67	297.76	290.86	298.43	2.66	ppb
Sodium	23-2	29011.20	28810.29	28071.65	28631.04	1.73	ppb
Strontium	86-1	7018.68	6935.53	7010.27	6988.16	0.65	ppb
Strontium	88-1	6990.72	7013.85	7025.22	7009.93	0.25	ppb
Sulfur	34-1	7219.85	5993.00	7096.71	6769.85	9.98	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	288.50	274.42	278.50	280.48	2.58	ppb
Thallium	205-1	289.74	272.30	286.84	282.96	3.30	ppb
Tin	118-1	282.66	280.16	283.80	282.21	0.66	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:55:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2850.38	2853.56	2822.53	2842.16	0.60	ppb
Uranium	238-1	272.40	268.96	268.08	269.81	0.85	ppb
Vanadium	51-2	271.49	266.68	266.67	268.28	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2877.95	2760.53	2752.15	2796.88	2.51	ppb
Zirconium	90-1	289.92	283.00	288.09	287.00	1.25	ppb
Zirconium	91-1	276.78	273.18	274.87	274.94	0.65	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:01:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10079.60	10025.34	9950.25	10018.39	0.65	ppb
Antimony	121-1	458.72	481.24	508.21	482.72	5.13	ppb
Arsenic	75-2	526.33	479.18	491.08	498.86	4.92	ppb
Barium	135-1	2276.60	2447.20	2611.36	2445.05	6.85	ppb
Barium	137-1	2183.91	2455.66	2592.00	2410.53	8.62	ppb
Beryllium	9-1	467.18	525.84	520.65	504.55	6.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	400.14	490.10	488.45	459.56	11.20	ppb
Boron	11-1	409.36	481.60	466.09	452.35	8.41	ppb
Bromine	81-1						cps
Cadmium	111-1	443.28	488.34	519.74	483.79	7.94	ppb
Cadmium	106-1	466.36	492.79	511.89	490.35	4.66	ppb
Cadmium	108-1	451.11	501.88	531.61	494.87	8.23	ppb
Calcium	43-1	52170.70	60990.63	63147.17	58769.50	9.90	ppb
Calcium	44-1	49077.35	56274.75	57241.42	54197.84	8.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.96	497.92	496.19	499.02	0.70	ppb
Cobalt	59-2	493.13	511.23	508.12	504.16	1.92	ppb
Copper	63-1	4437.80	4976.68	5233.60	4882.69	8.32	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				99		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	29179.28	27301.25	27923.21	28134.58	3.40	ppb
Iron	56-2	27323.68	26742.20	26421.09	26828.99	1.71	ppb
Iron	57-2	27667.18	26519.33	27037.16	27074.56	2.12	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:01:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2213.02	2551.03	2486.84	2416.96	7.43	ppb
Lead	207-1	2189.00	2552.30	2492.58	2411.30	8.08	ppb
Lead	208-1	2205.90	2553.84	2488.35	2416.03	7.65	ppb
Lithium	6-1				106		%
Magnesium	24-2	54217.23	52189.65	52037.33	52814.74	2.30	ppb
Manganese	55-2	5218.16	4873.34	4922.56	5004.69	3.73	ppb
Molybdenum	94-1	4512.93	4920.48	5003.25	4812.22	5.45	ppb
Molybdenum	95-1	4512.29	4957.61	5042.70	4837.53	5.89	ppb
Molybdenum	96-1	4419.02	5002.70	5108.51	4843.41	7.67	ppb
Molybdenum	97-1	4509.09	5090.43	5188.93	4929.48	7.45	ppb
Molybdenum	98-1	4534.66	4984.32	4956.68	4825.22	5.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.86	491.96	487.68	493.83	1.47	ppb
Phosphorus	31-2	10103.28	9901.02	9777.40	9927.24	1.66	ppb
Potassium	39-2	25577.53	24721.19	24095.77	24798.16	3.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	453.17	509.00	524.18	495.45	7.55	ppb
Selenium	77-2	504.50	477.04	511.19	497.57	3.64	ppb
Selenium	78-2	522.23	491.37	491.59	501.73	3.54	ppb
Silicon	28-1	289.65	361.92	362.34	337.97	12.38	ppb
Silver	107-1	470.26	493.47	516.21	493.31	4.66	ppb
Silver	109-1	442.39	506.03	526.68	491.70	8.94	ppb
Sodium	23-2	51654.24	49959.92	51802.68	51138.95	2.00	ppb
Strontium	86-1	10951.46	12231.18	12314.85	11832.50	6.46	ppb
Strontium	88-1	10953.63	12703.66	12801.62	12152.97	8.56	ppb
Sulfur	34-1	8163.29	10379.30	10255.41	9599.33	12.97	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	452.05	500.09	517.58	489.90	6.93	ppb
Thallium	205-1	461.06	513.61	517.27	497.31	6.32	ppb
Tin	118-1	442.13	487.38	511.86	480.46	7.36	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:01:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4401.26	4927.04	5063.33	4797.21	7.29	ppb
Uranium	238-1	429.37	483.07	513.37	475.27	8.95	ppb
Vanadium	51-2	499.23	478.77	478.33	485.44	2.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	5314.17	5073.72	5146.20	5178.03	2.38	ppb
Zirconium	90-1	449.22	501.70	501.72	484.21	6.26	ppb
Zirconium	91-1	444.01	495.81	485.46	475.09	5.77	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:04:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21684.56	21145.67	20730.07	21186.77	2.26	ppb
Antimony	121-1	983.32	1008.88	1001.87	998.03	1.32	ppb
Arsenic	75-2	984.62	1027.89	959.20	990.57	3.51	ppb
Barium	135-1	4978.94	4921.13	5044.77	4981.62	1.24	ppb
Barium	137-1	4971.82	5087.31	4925.75	4994.96	1.67	ppb
Beryllium	9-1	948.86	1005.68	999.22	984.59	3.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	864.62	961.52	966.70	930.95	6.18	ppb
Boron	11-1	896.07	921.92	986.40	934.80	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	998.32	1016.09	975.21	996.54	2.06	ppb
Cadmium	106-1	988.57	1015.94	973.60	992.70	2.16	ppb
Cadmium	108-1	977.06	996.52	988.69	987.42	0.99	ppb
Calcium	43-1	117090.51	120857.25	115952.98	117966.91	2.18	ppb
Calcium	44-1	109997.59	111796.09	109057.98	110283.89	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1013.36	991.60	979.00	994.65	1.75	ppb
Cobalt	59-2	1007.95	980.06	977.97	988.66	1.69	ppb
Copper	63-1	9836.75	9918.00	10049.30	9934.68	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	56515.76	54012.07	53409.72	54645.85	3.01	ppb
Iron	56-2	55069.45	54326.98	52524.26	53973.57	2.43	ppb
Iron	57-2	54729.39	53268.33	51758.97	53252.23	2.79	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:04:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4931.89	4952.42	5113.24	4999.18	1.99	ppb
Lead	207-1	4914.86	4925.33	5173.91	5004.70	2.93	ppb
Lead	208-1	4977.47	4949.61	5085.26	5004.12	1.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	104917.17	105722.32	104388.52	105009.34	0.64	ppb
Manganese	55-2	10231.21	9844.61	9632.80	9902.88	3.06	ppb
Molybdenum	94-1	9852.71	10286.72	9895.46	10011.63	2.39	ppb
Molybdenum	95-1	9838.05	10258.20	9857.84	9984.70	2.37	ppb
Molybdenum	96-1	10087.56	10125.29	9762.60	9991.82	2.00	ppb
Molybdenum	97-1	9955.56	10121.91	9768.36	9948.61	1.78	ppb
Molybdenum	98-1	10063.58	10109.50	9822.97	9998.68	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1069.73	970.50	943.80	994.68	6.67	ppb
Phosphorus	31-2	20305.64	19774.21	19488.78	19856.21	2.09	ppb
Potassium	39-2	49968.61	50038.22	47968.88	49325.24	2.38	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	973.40	1018.43	977.33	989.72	2.52	ppb
Selenium	77-2	1014.69	997.14	953.53	988.45	3.19	ppb
Selenium	78-2	973.46	1023.27	967.19	987.97	3.11	ppb
Silicon	28-1	705.22	783.49	811.37	766.69	7.18	ppb
Silver	107-1	997.78	988.21	980.07	988.69	0.90	ppb
Silver	109-1	953.01	1013.92	1001.93	989.62	3.26	ppb
Sodium	23-2	103057.87	103613.53	99446.34	102039.24	2.22	ppb
Strontium	86-1	25090.66	25780.16	24464.98	25111.93	2.62	ppb
Strontium	88-1	24988.31	25593.76	24230.07	24937.38	2.74	ppb
Sulfur	34-1	19407.95	19885.59	19642.70	19645.41	1.22	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	984.05	992.02	1015.44	997.17	1.64	ppb
Thallium	205-1	984.13	981.42	1008.17	991.24	1.49	ppb
Tin	118-1	973.73	1024.05	1002.92	1000.24	2.53	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:04:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9861.22	10034.58	10106.81	10000.87	1.26	ppb
Uranium	238-1	994.55	1008.54	1018.13	1007.08	1.18	ppb
Vanadium	51-2	1006.61	1013.53	984.76	1001.63	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	10185.46	9765.44	9482.53	9811.14	3.60	ppb
Zirconium	90-1	998.30	1013.83	977.79	996.64	1.81	ppb
Zirconium	91-1	982.45	1032.89	999.83	1005.06	2.55	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:08:06	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98222.44	100389.25	100532.07	99714.59	1.30	ppb
Antimony	121-1	1.06	1.10	1.20	1.12	6.54	ppb
Arsenic	75-2	0.62	0.52	0.62	0.59	9.95	ppb
Barium	135-1	2.26	2.02	2.40	2.23	8.65	ppb
Barium	137-1	2.07	2.37	2.38	2.27	7.83	ppb
Beryllium	9-1	0.14	0.12	0.16	0.14	11.98	ppb
Bismuth	209-1				84		%
Bismuth	209-2				83		%
Boron	10-1	98.39	87.67	77.34	87.80	11.99	ppb
Boron	11-1	106.06	93.89	80.19	93.38	13.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.06	0.02	0.04	57.04	ppb
Cadmium	106-1	-0.58	0.03	-0.96	-0.50		ppb
Cadmium	108-1	1.00	1.21	0.82	1.01	19.72	ppb
Calcium	43-1	497779.47	491286.92	495898.19	494988.19	0.67	ppb
Calcium	44-1	499812.42	486435.37	505277.68	497175.16	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	1.93	1.97	2.00	4.47	ppb
Cobalt	59-2	1.32	1.32	1.28	1.30	1.71	ppb
Copper	63-1	18.68	17.84	18.37	18.30	2.33	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				97		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	54-2	247652.70	249493.68	248542.16	248562.85	0.37	ppb
Iron	56-2	256649.32	246218.50	243714.05	248860.62	2.76	ppb
Iron	57-2	250490.45	248801.80	247756.54	249016.26	0.55	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:08:06	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.82	0.86	1.15	0.95	18.91	ppb
Lead	207-1	0.80	0.75	0.99	0.85	14.46	ppb
Lead	208-1	0.82	0.83	1.05	0.90	14.56	ppb
Lithium	6-1				90		%
Magnesium	24-2	493805.45	506023.18	495583.37	498470.67	1.32	ppb
Manganese	55-2	4.59	4.61	4.35	4.52	3.16	ppb
Molybdenum	94-1	3.61	3.22	3.34	3.39	5.97	ppb
Molybdenum	95-1	2.84	2.45	2.50	2.59	8.13	ppb
Molybdenum	96-1	7.80	7.10	7.18	7.36	5.23	ppb
Molybdenum	97-1	3.13	2.66	2.92	2.91	8.13	ppb
Molybdenum	98-1	2.83	2.30	2.59	2.57	10.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.31	2.33	2.34	1.30	ppb
Phosphorus	31-2	-19.63	10.01	-15.73	-8.45		ppb
Potassium	39-2	246102.77	253993.51	250066.74	250054.34	1.58	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	1.57	1.61	1.23	1.47	14.28	ppb
Selenium	77-2	0.19	0.16	0.66	0.34	83.75	ppb
Selenium	78-2	0.34	0.12	0.80	0.42	83.09	ppb
Silicon	28-1	148.25	154.48	158.49	153.74	3.36	ppb
Silver	107-1	0.21	0.21	0.23	0.22	4.96	ppb
Silver	109-1	0.19	0.20	0.22	0.20	7.61	ppb
Sodium	23-2	497857.60	503476.87	496417.68	499250.72	0.75	ppb
Strontium	86-1	7.72	7.26	8.15	7.71	5.78	ppb
Strontium	88-1	7.87	7.38	8.18	7.81	5.11	ppb
Sulfur	34-1	-996.58	-1161.10	-939.09	-1032.26		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.31	0.33	0.28	0.31	8.75	ppb
Thallium	205-1	0.32	0.33	0.37	0.34	8.31	ppb
Tin	118-1	-0.22	-0.20	-0.19	-0.20		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:08:06	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.02	0.96	1.50	1.16	25.77	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	13.24	ppb
Vanadium	51-2	0.14	0.16	0.15	0.15	7.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	5.98	5.37	5.86	5.74	5.64	ppb
Zirconium	90-1	0.51	0.51	0.48	0.50	3.04	ppb
Zirconium	91-1	0.45	0.47	0.45	0.45	2.26	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICV57	Instrumnet Name :	P8
Client Sample ID :	ICV57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:22:57	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	537.08	518.72	537.67	531.16	2.03	ppb
Antimony	121-1	198.76	219.18	209.29	209.08	4.88	ppb
Arsenic	75-2	217.45	213.72	217.82	216.33	1.05	ppb
Barium	135-1	101.11	102.76	102.34	102.07	0.84	ppb
Barium	137-1	103.47	107.12	106.90	105.83	1.94	ppb
Beryllium	9-1	110.04	109.08	104.02	107.71	3.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	447.52	474.88	455.55	459.32	3.06	ppb
Boron	11-1	433.42	457.21	454.89	448.51	2.92	ppb
Bromine	81-1						cps
Cadmium	111-1	117.64	118.76	117.26	117.89	0.66	ppb
Cadmium	106-1	196.75	202.53	202.50	200.60	1.66	ppb
Cadmium	108-1	182.71	190.41	179.54	184.22	3.03	ppb
Calcium	43-1	2352.17	2474.67	2353.02	2393.28	2.95	ppb
Calcium	44-1	2299.70	2420.24	2302.11	2340.68	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.22	100.53	103.36	102.37	1.56	ppb
Cobalt	59-2	104.83	100.99	104.54	103.45	2.07	ppb
Copper	63-1	97.93	101.89	95.24	98.35	3.40	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2241.05	2199.73	2248.40	2229.72	1.18	ppb
Iron	56-2	2230.06	2162.27	2261.39	2217.91	2.28	ppb
Iron	57-2	2116.70	2091.81	2140.92	2116.48	1.16	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICV57	Instrumnet Name :	P8
Client Sample ID :	ICV57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:22:57	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	193.48	211.66	209.31	204.82	4.83	ppb
Lead	207-1	184.47	207.10	192.85	194.81	5.87	ppb
Lead	208-1	198.95	217.64	209.16	208.58	4.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	1273.37	1251.79	1280.77	1268.65	1.19	ppb
Manganese	55-2	103.35	101.99	102.55	102.63	0.66	ppb
Molybdenum	94-1	5001.28	5304.47	4812.18	5039.31	4.93	ppb
Molybdenum	95-1	5038.89	5303.46	4862.39	5068.24	4.38	ppb
Molybdenum	96-1	5075.38	5196.85	4910.34	5060.86	2.84	ppb
Molybdenum	97-1	5034.99	5328.18	4968.01	5110.39	3.75	ppb
Molybdenum	98-1	4945.03	5298.81	4872.17	5038.67	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.38	113.39	116.08	115.29	1.43	ppb
Phosphorus	31-2	-22.67	-30.98	-15.48	-23.05		ppb
Potassium	39-2	2001.32	1968.42	1955.80	1975.18	1.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	223.77	233.67	217.65	225.03	3.59	ppb
Selenium	77-2	250.92	246.20	226.29	241.14	5.42	ppb
Selenium	78-2	224.66	222.21	219.22	222.03	1.23	ppb
Silicon	28-1	226.92	238.69	226.13	230.58	3.05	ppb
Silver	107-1	53.81	55.89	53.88	54.53	2.17	ppb
Silver	109-1	53.81	53.36	53.70	53.62	0.44	ppb
Sodium	23-2	2119.74	2091.49	2185.28	2132.17	2.26	ppb
Strontium	86-1	517.86	542.27	502.46	520.86	3.85	ppb
Strontium	88-1	511.46	550.86	499.04	520.45	5.20	ppb
Sulfur	34-1	-659.61	-415.78	-827.86	-634.42		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	198.71	222.82	213.37	211.63	5.74	ppb
Thallium	205-1	210.86	240.12	226.54	225.84	6.48	ppb
Tin	118-1	512.55	521.00	504.91	512.82	1.57	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICV57	Instrumnet Name :	P8
Client Sample ID :	ICV57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:22:57	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5124.24	5204.23	4816.47	5048.31	4.06	ppb
Uranium	238-1	500.38	545.08	515.37	520.28	4.37	ppb
Vanadium	51-2	105.32	102.82	102.16	103.43	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	211.34	202.40	204.64	206.13	2.26	ppb
Zirconium	90-1	505.04	539.04	493.61	512.56	4.61	ppb
Zirconium	91-1	516.35	541.43	501.91	519.90	3.85	ppb

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : ICB57 Instrumnet Name : P8
 Client Sample ID : ICB57 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:25:54 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.24	0.09	0.19	46.72	ppb
Antimony	121-1	0.10	0.11	0.17	0.12	28.58	ppb
Arsenic	75-2	0.02	0.01	0.02	0.01	31.48	ppb
Barium	135-1	0.00	0.00	0.01	0.00	105.74	ppb
Barium	137-1	0.00	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	27.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	46.71	45.01	42.39	44.70	4.86	ppb
Boron	11-1	48.88	45.91	42.02	45.60	7.54	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	0.01	-0.13	-0.09		ppb
Cadmium	106-1	-1.79	0.08	-1.53	-1.08		ppb
Cadmium	108-1	0.16	-0.13	0.28	0.10	205.41	ppb
Calcium	43-1	0.11	1.08	-1.09	0.03	3168.95	ppb
Calcium	44-1	-0.11	0.23	0.85	0.32	151.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-1	0.25	0.23	0.25	0.24	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	0.75	-0.41	-0.73	-0.13		ppb
Iron	56-2	-0.22	-0.35	-0.28	-0.28		ppb
Iron	57-2	-0.61	0.26	0.29	-0.02		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICB57	Instrumnet Name :	P8
Client Sample ID :	ICB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:25:54	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.06	0.03	87.74	ppb
Lead	207-1	0.01	0.03	0.03	0.02	41.70	ppb
Lead	208-1	0.01	0.02	0.02	0.02	50.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	-0.07	-0.03	-0.03		ppb
Manganese	55-2	0.01	-0.02	-0.05	-0.02		ppb
Molybdenum	94-1	0.62	0.48	0.47	0.52	15.66	ppb
Molybdenum	95-1	0.68	0.60	0.50	0.59	14.79	ppb
Molybdenum	96-1	0.69	0.59	0.56	0.61	11.04	ppb
Molybdenum	97-1	0.71	0.60	0.58	0.63	11.73	ppb
Molybdenum	98-1	0.68	0.57	0.54	0.60	12.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	101.88	ppb
Phosphorus	31-2	-27.27	-22.56	-26.48	-25.44		ppb
Potassium	39-2	1.34	5.19	3.66	3.40	57.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.09	0.20	0.27	0.13	148.34	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	0.37	-0.26	-0.09	0.01	4271.30	ppb
Silicon	28-1	7.03	6.47	5.07	6.19	16.28	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.57	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.97	ppb
Sodium	23-2	11.69	12.48	10.08	11.42	10.69	ppb
Strontium	86-1	-0.02	-0.08	-0.13	-0.08		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-892.37	-533.38	-451.37	-625.71		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.03	-0.01	0.01	220.76	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	34.73	ppb
Tin	118-1	-0.24	-0.06	-0.15	-0.15		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICB57	Instrumnet Name :	P8
Client Sample ID :	ICB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:25:54	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.20	0.05	0.13	61.13	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	68.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.06	-0.01	0.10	0.05	119.37	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	49.32	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSA57	Instrumnet Name :	P8
Client Sample ID :	ICSA57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:33:02	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99256.96	96301.70	95663.11	97073.92	1.98	ppb
Antimony	121-1	1.21	1.06	1.15	1.14	6.66	ppb
Arsenic	75-2	0.30	0.29	0.32	0.31	5.02	ppb
Barium	135-1	1.49	1.38	1.32	1.40	6.40	ppb
Barium	137-1	1.30	1.42	1.51	1.41	7.44	ppb
Beryllium	9-1	0.29	0.27	0.32	0.29	7.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	15.54	15.01	16.34	15.63	4.29	ppb
Boron	11-1	15.86	16.13	17.72	16.57	6.05	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	-0.03	0.33	0.23	97.51	ppb
Cadmium	106-1	-2.02	-5.50	-1.85	-3.13		ppb
Cadmium	108-1	12.67	11.37	11.32	11.79	6.50	ppb
Calcium	43-1	96609.07	94525.95	100927.44	97354.15	3.35	ppb
Calcium	44-1	97285.19	97106.21	103316.73	99236.04	3.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.30	18.69	18.02	18.67	3.43	ppb
Cobalt	59-2	1.10	1.09	1.06	1.09	1.69	ppb
Copper	63-1	10.54	10.17	11.13	10.61	4.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	104013.22	101627.53	100916.54	102185.77	1.59	ppb
Iron	56-2	104360.82	101646.73	95765.70	100591.08	4.37	ppb
Iron	57-2	103160.22	100090.30	94813.13	99354.55	4.25	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSA57	Instrumnet Name :	P8
Client Sample ID :	ICSA57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:33:02	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.66	4.46	4.89	4.67	4.65	ppb
Lead	207-1	4.32	4.02	4.39	4.24	4.67	ppb
Lead	208-1	4.46	4.25	4.58	4.43	3.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	101757.43	96955.02	98923.15	99211.87	2.43	ppb
Manganese	55-2	7.41	6.92	6.84	7.05	4.37	ppb
Molybdenum	94-1	1567.55	1568.88	1601.33	1579.25	1.21	ppb
Molybdenum	95-1	1891.15	1886.81	2039.68	1939.21	4.49	ppb
Molybdenum	96-1	1864.49	1885.34	2018.39	1922.74	4.34	ppb
Molybdenum	97-1	1923.47	1940.08	2050.09	1971.21	3.49	ppb
Molybdenum	98-1	1853.82	1904.72	2029.17	1929.24	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	4.96	4.91	5.03	3.20	ppb
Phosphorus	31-2	95717.12	94918.23	91822.65	94152.66	2.18	ppb
Potassium	39-2	99159.31	95682.51	92001.72	95614.51	3.74	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.28	0.42	0.27	0.32	25.09	ppb
Selenium	77-2	0.18	-0.32	0.16	0.01	5163.97	ppb
Selenium	78-2	0.04	-0.78	-0.23	-0.32		ppb
Silicon	28-1	13.41	9.86	14.32	12.53	18.79	ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.38	ppb
Sodium	23-2	102498.04	97476.69	99888.07	99954.26	2.51	ppb
Strontium	86-1	32.74	32.64	35.59	33.66	4.97	ppb
Strontium	88-1	33.67	33.72	35.39	34.26	2.86	ppb
Sulfur	34-1	96718.25	90671.94	99918.23	95769.47	4.90	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.06	0.06	10.14	ppb
Thallium	205-1	0.07	0.07	0.09	0.08	11.35	ppb
Tin	118-1	-0.54	-0.58	-0.49	-0.54		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSA57	Instrumnet Name :	P8
Client Sample ID :	ICSA57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:33:02	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1972.21	1931.71	2102.20	2002.04	4.45	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	29.91	ppb
Vanadium	51-2	0.17	0.15	0.16	0.16	5.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	10.84	10.22	9.94	10.34	4.45	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	30.42	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	75.43	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSAB57	Instrumnet Name :	P8
Client Sample ID :	ICSAB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:36:01	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99678.43	100982.18	99015.54	99892.05	1.00	ppb
Antimony	121-1	20.95	21.12	19.87	20.65	3.27	ppb
Arsenic	75-2	20.86	20.60	20.46	20.64	0.99	ppb
Barium	135-1	22.02	21.97	20.56	21.52	3.85	ppb
Barium	137-1	21.93	22.09	20.60	21.54	3.79	ppb
Beryllium	9-1	20.36	21.19	20.29	20.62	2.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	60.05	61.18	61.81	61.01	1.46	ppb
Boron	11-1	60.62	65.45	65.57	63.88	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	20.63	20.69	18.94	20.09	4.95	ppb
Cadmium	106-1	25.03	24.99	22.45	24.16	6.12	ppb
Cadmium	108-1	34.40	34.69	31.47	33.52	5.32	ppb
Calcium	43-1	98361.93	100827.38	101997.64	100395.65	1.85	ppb
Calcium	44-1	98557.71	103057.94	100653.51	100756.39	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.01	37.74	37.22	37.66	1.06	ppb
Cobalt	59-2	20.24	20.31	19.49	20.01	2.26	ppb
Copper	63-1	28.54	29.04	29.28	28.95	1.32	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				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	104837.90	103448.19	102027.26	103437.78	1.36	ppb
Iron	56-2	103584.33	102076.13	98880.45	101513.64	2.37	ppb
Iron	57-2	102055.28	99848.82	97953.67	99952.59	2.05	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSAB57	Instrumnet Name :	P8
Client Sample ID :	ICSAB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:36:01	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.68	23.81	25.02	24.17	3.05	ppb
Lead	207-1	22.79	22.93	23.70	23.14	2.12	ppb
Lead	208-1	22.69	23.44	24.12	23.42	3.07	ppb
Lithium	6-1				103		%
Magnesium	24-2	98024.68	100229.64	97625.26	98626.53	1.42	ppb
Manganese	55-2	26.50	26.30	25.22	26.01	2.65	ppb
Molybdenum	94-1	1753.52	1719.93	1705.27	1726.24	1.43	ppb
Molybdenum	95-1	2039.45	1977.21	1977.79	1998.15	1.79	ppb
Molybdenum	96-1	1985.08	1946.84	1972.53	1968.15	0.99	ppb
Molybdenum	97-1	2049.34	2013.33	1988.29	2016.99	1.52	ppb
Molybdenum	98-1	1973.30	1973.89	1978.79	1975.32	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.47	25.01	23.47	24.32	3.20	ppb
Phosphorus	31-2	97011.48	95596.14	94077.02	95561.55	1.54	ppb
Potassium	39-2	95943.14	99115.24	94177.39	96411.92	2.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	20.26	20.20	20.82	20.43	1.68	ppb
Selenium	77-2	24.39	24.03	18.10	22.17	15.92	ppb
Selenium	78-2	19.58	20.87	18.87	19.77	5.10	ppb
Silicon	28-1	33.89	35.45	34.97	34.77	2.29	ppb
Silver	107-1	19.36	19.22	18.07	18.88	3.76	ppb
Silver	109-1	19.28	18.96	17.47	18.57	5.19	ppb
Sodium	23-2	100939.48	103701.67	99542.09	101394.41	2.09	ppb
Strontium	86-1	84.72	84.86	84.55	84.71	0.19	ppb
Strontium	88-1	87.67	89.10	87.30	88.02	1.08	ppb
Sulfur	34-1	100282.73	99156.51	98745.27	99394.84	0.80	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	19.86	19.58	20.10	19.85	1.32	ppb
Thallium	205-1	20.58	20.44	21.08	20.70	1.61	ppb
Tin	118-1	50.21	48.68	47.05	48.65	3.25	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSAB57	Instrumnet Name :	P8
Client Sample ID :	ICSAB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:36:01	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2075.99	2120.86	2146.70	2114.52	1.69	ppb
Uranium	238-1	49.93	50.12	52.68	50.91	3.01	ppb
Vanadium	51-2	19.56	19.30	18.78	19.22	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	28.68	28.03	27.81	28.17	1.60	ppb
Zirconium	90-1	53.01	51.81	51.49	52.10	1.54	ppb
Zirconium	91-1	50.91	50.44	50.89	50.75	0.53	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:38:58	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55299.13	52214.51	49955.13	52489.59	5.11	ppb
Antimony	121-1	502.53	478.06	494.85	491.81	2.55	ppb
Arsenic	75-2	503.46	497.09	484.52	495.02	1.95	ppb
Barium	135-1	2549.94	2602.63	2630.48	2594.35	1.58	ppb
Barium	137-1	2614.69	2537.95	2598.28	2583.64	1.56	ppb
Beryllium	9-1	518.50	528.58	525.81	524.30	0.99	ppb
Bismuth	209-1				92		%
Bismuth	209-2				85		%
Boron	10-1	982.39	1091.25	1063.76	1045.80	5.41	ppb
Boron	11-1	960.04	1048.36	1048.70	1019.03	5.01	ppb
Bromine	81-1						cps
Cadmium	111-1	475.51	482.29	471.45	476.42	1.15	ppb
Cadmium	106-1	486.69	496.21	499.02	493.97	1.31	ppb
Cadmium	108-1	497.09	488.41	504.85	496.78	1.66	ppb
Calcium	43-1	261492.45	253086.24	255467.28	256681.99	1.69	ppb
Calcium	44-1	262388.61	244899.07	254718.58	254002.09	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.28	530.72	516.57	523.19	1.36	ppb
Cobalt	59-2	515.50	495.97	480.38	497.29	3.54	ppb
Copper	63-1	5127.31	5009.68	4909.52	5015.50	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	141318.80	133123.41	133385.34	135942.52	3.43	ppb
Iron	56-2	134902.68	134111.53	131050.44	133354.88	1.53	ppb
Iron	57-2	136264.49	131108.88	124535.64	130636.34	4.50	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:38:58	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2818.55	2770.83	2730.31	2773.23	1.59	ppb
Lead	207-1	2739.11	2759.94	2684.54	2727.86	1.43	ppb
Lead	208-1	2760.71	2760.99	2716.01	2745.90	0.94	ppb
Lithium	6-1				97		%
Magnesium	24-2	266480.07	266280.35	248234.76	260331.73	4.02	ppb
Manganese	55-2	5267.82	5105.17	5005.66	5126.21	2.58	ppb
Molybdenum	94-1	5331.20	5264.36	5324.35	5306.64	0.69	ppb
Molybdenum	95-1	5409.87	5278.24	5224.05	5304.05	1.80	ppb
Molybdenum	96-1	5292.60	5277.91	5136.01	5235.50	1.65	ppb
Molybdenum	97-1	5310.26	5207.75	5186.63	5234.88	1.26	ppb
Molybdenum	98-1	5474.26	5294.22	5143.57	5304.02	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.62	491.03	474.97	490.54	3.13	ppb
Phosphorus	31-2	10010.97	10241.51	9590.12	9947.54	3.32	ppb
Potassium	39-2	132721.46	125644.66	120178.08	126181.40	4.98	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	520.91	496.48	494.70	504.03	2.91	ppb
Selenium	77-2	511.76	485.88	483.09	493.58	3.20	ppb
Selenium	78-2	493.86	487.45	483.43	488.24	1.08	ppb
Silicon	28-1	2394.65	2358.43	2300.18	2351.09	2.03	ppb
Silver	107-1	503.20	499.11	489.92	497.41	1.37	ppb
Silver	109-1	487.71	492.82	490.40	490.31	0.52	ppb
Sodium	23-2	269269.05	260570.08	251422.79	260420.64	3.43	ppb
Strontium	86-1	13365.47	12644.01	13180.15	13063.21	2.87	ppb
Strontium	88-1	13646.48	12827.69	12771.57	13081.91	3.74	ppb
Sulfur	34-1	10430.48	10477.46	9674.89	10194.28	4.42	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	557.92	583.55	540.04	560.51	3.90	ppb
Thallium	205-1	551.26	577.16	549.66	559.36	2.76	ppb
Tin	118-1	497.07	505.74	508.75	503.85	1.20	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:38:58	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5294.90	5370.50	5226.14	5297.18	1.36	ppb
Uranium	238-1	548.78	552.97	573.31	558.35	2.35	ppb
Vanadium	51-2	517.54	532.03	490.67	513.41	4.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4936.31	4856.19	4845.10	4879.20	1.02	ppb
Zirconium	90-1	537.55	537.55	531.89	535.66	0.61	ppb
Zirconium	91-1	550.10	539.64	536.44	542.06	1.32	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:47:13	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.32	-0.16	0.13	193.98	ppb
Antimony	121-1	0.04	0.05	0.08	0.06	32.15	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00	1890.69	ppb
Barium	135-1	0.01	0.05	0.01	0.02	108.44	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	484.06	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	73.09	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	21.17	21.81	21.22	21.40	1.67	ppb
Boron	11-1	22.80	21.97	22.55	22.44	1.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.08	-0.21	-0.11		ppb
Cadmium	106-1	-0.67	-1.32	-2.93	-1.64		ppb
Cadmium	108-1	-0.36	-0.32	-0.25	-0.31		ppb
Calcium	43-1	0.34	1.44	-0.41	0.46	204.38	ppb
Calcium	44-1	0.48	2.49	0.03	1.00	130.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	-0.01	0.01	208.23	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-1	0.84	0.88	0.78	0.83	6.51	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				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	-0.53	-0.44	-0.49	-0.49		ppb
Iron	56-2	-0.31	0.05	-0.12	-0.12		ppb
Iron	57-2	1.02	0.22	0.13	0.46	106.30	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:47:13	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.08	0.02	0.04	66.47	ppb
Lead	207-1	0.08	0.09	0.04	0.07	39.17	ppb
Lead	208-1	0.04	0.08	0.04	0.05	38.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.25	0.51	0.07	0.27	79.71	ppb
Manganese	55-2	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.11	0.16	0.09	0.12	32.03	ppb
Molybdenum	95-1	0.19	0.18	0.11	0.16	27.37	ppb
Molybdenum	96-1	0.14	0.15	0.07	0.12	37.16	ppb
Molybdenum	97-1	0.16	0.17	0.10	0.15	24.86	ppb
Molybdenum	98-1	0.17	0.18	0.11	0.15	26.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.03	0.01	186.35	ppb
Phosphorus	31-2	-19.07	-21.52	-32.46	-24.35		ppb
Potassium	39-2	5.02	3.55	5.15	4.57	19.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.28	0.19	-0.14	0.11	198.33	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	0.19	0.18	0.05	0.14	53.65	ppb
Silicon	28-1	-1.06	-0.51	-0.24	-0.60		ppb
Silver	107-1	0.03	0.02	0.02	0.02	23.55	ppb
Silver	109-1	0.02	0.02	0.01	0.02	26.87	ppb
Sodium	23-2	22.13	21.22	20.70	21.35	3.39	ppb
Strontium	86-1	-0.03	0.08	0.02	0.02	250.25	ppb
Strontium	88-1	-0.01	0.08	-0.01	0.02	252.80	ppb
Sulfur	34-1	-768.34	-851.08	-865.59	-828.33		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.04	0.03	0.03	43.66	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	6.80	ppb
Tin	118-1	-0.18	-0.22	-0.19	-0.20		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:47:13	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	-0.01	0.02	0.03	165.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	408.80	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.06	-0.14	0.05	-0.01		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	80.15	ppb
Zirconium	91-1	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:50:18	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.67	22.96	21.46	23.03	6.98	ppb
Antimony	121-1	2.08	2.02	2.11	2.07	2.15	ppb
Arsenic	75-2	1.24	1.10	1.30	1.21	8.24	ppb
Barium	135-1	10.47	10.01	10.19	10.22	2.25	ppb
Barium	137-1	10.50	10.80	10.08	10.46	3.49	ppb
Beryllium	9-1	1.19	1.17	1.15	1.17	1.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	38.34	40.32	38.06	38.91	3.16	ppb
Boron	11-1	39.88	41.24	41.07	40.73	1.81	ppb
Bromine	81-1						cps
Cadmium	111-1	1.29	1.07	1.06	1.14	11.57	ppb
Cadmium	106-1	2.41	-0.09	-0.03	0.76	187.07	ppb
Cadmium	108-1	1.02	1.06	1.13	1.07	5.46	ppb
Calcium	43-1	528.28	538.97	530.39	532.55	1.06	ppb
Calcium	44-1	539.36	544.78	530.95	538.37	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.34	2.28	2.29	2.30	1.48	ppb
Cobalt	59-2	1.07	1.01	1.02	1.03	3.07	ppb
Copper	63-1	2.61	2.58	2.59	2.59	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	65.91	60.83	58.12	61.62	6.42	ppb
Iron	56-2	61.51	57.61	55.80	58.30	5.01	ppb
Iron	57-2	61.10	57.69	56.09	58.29	4.39	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:50:18	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.06	1.01	1.04	1.04	2.19	ppb
Lead	207-1	1.07	1.09	1.08	1.08	0.74	ppb
Lead	208-1	1.08	1.05	1.08	1.07	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	594.62	573.95	555.96	574.84	3.37	ppb
Manganese	55-2	1.34	1.30	1.23	1.29	4.19	ppb
Molybdenum	94-1	6.23	6.17	6.20	6.20	0.43	ppb
Molybdenum	95-1	5.38	5.40	5.30	5.36	0.96	ppb
Molybdenum	96-1	5.46	5.34	5.41	5.41	1.09	ppb
Molybdenum	97-1	5.39	5.43	5.42	5.41	0.36	ppb
Molybdenum	98-1	5.41	5.22	5.25	5.30	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.43	1.31	1.39	5.07	ppb
Phosphorus	31-2	17.90	3.71	-4.04	5.86	190.06	ppb
Potassium	39-2	545.25	532.85	517.58	531.89	2.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	5.46	5.65	5.57	5.56	1.80	ppb
Selenium	77-2	5.74	7.11	7.08	6.64	11.76	ppb
Selenium	78-2	4.80	6.13	4.44	5.12	17.40	ppb
Silicon	28-1	5.90	6.83	6.09	6.27	7.85	ppb
Silver	107-1	1.16	1.20	1.08	1.15	4.96	ppb
Silver	109-1	1.12	1.08	1.13	1.11	2.45	ppb
Sodium	23-2	581.19	541.94	543.04	555.39	4.02	ppb
Strontium	86-1	0.97	0.95	1.03	0.98	3.96	ppb
Strontium	88-1	1.03	1.03	1.06	1.04	1.71	ppb
Sulfur	34-1	-448.17	-469.45	-662.05	-526.56		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	1.05	0.99	1.01	1.02	3.11	ppb
Thallium	205-1	1.10	1.04	1.02	1.06	3.84	ppb
Tin	118-1	36.10	36.76	36.29	36.38	0.93	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:50:18	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.20	5.46	5.49	5.38	3.02	ppb
Uranium	238-1	0.94	0.99	0.89	0.94	5.16	ppb
Vanadium	51-2	5.43	5.05	5.04	5.17	4.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	3.70	2.98	3.24	3.30	11.02	ppb
Zirconium	90-1	1.03	1.04	1.04	1.04	0.59	ppb
Zirconium	91-1	1.06	1.05	0.99	1.03	3.78	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BL	Instrumnet Name :	P8
Client Sample ID :	PB146947BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:53:26	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.13	0.18	0.16	14.97	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	37.21	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	2156.06	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	90.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	13.52	13.41	13.02	13.32	1.96	ppb
Boron	11-1	14.00	13.77	13.58	13.78	1.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	-0.06	-0.03	0.01	1600.04	ppb
Cadmium	106-1	1.19	-0.76	-0.68	-0.08		ppb
Cadmium	108-1	-0.14	-0.04	-0.25	-0.14		ppb
Calcium	43-1	-0.66	-1.04	-0.22	-0.64		ppb
Calcium	44-1	-1.11	-1.51	-1.60	-1.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	-0.03	0.00		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-1	0.31	0.28	0.32	0.30	6.41	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				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	0.87	-0.87	1.05	0.35	304.90	ppb
Iron	56-2	-0.27	-0.32	-0.21	-0.26		ppb
Iron	57-2	-0.27	0.70	-0.20	0.08	679.79	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BL	Instrumnet Name :	P8
Client Sample ID :	PB146947BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:53:26	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.02	0.01	265.25	ppb
Lead	207-1	0.01	0.01	0.00	0.01	83.85	ppb
Lead	208-1	0.00	0.00	0.01	0.01	116.03	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.24	0.05	-0.17	0.04	516.14	ppb
Manganese	55-2	0.01	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.03	0.02	0.01	0.02	49.74	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	16.88	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	70.99	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	15.17	ppb
Molybdenum	98-1	0.02	0.04	0.02	0.03	37.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	612.89	ppb
Phosphorus	31-2	-23.44	-17.35	-25.06	-21.95		ppb
Potassium	39-2	2.57	8.97	2.82	4.79	75.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	-0.02	0.12	0.01	0.03	213.32	ppb
Selenium	77-2	-0.32	-0.32	0.14	-0.17		ppb
Selenium	78-2	-0.33	-0.53	-0.35	-0.40		ppb
Silicon	28-1	-1.24	-3.21	-1.48	-1.98		ppb
Silver	107-1	0.03	0.02	0.01	0.02	57.51	ppb
Silver	109-1	0.00	0.01	0.00	0.00	64.26	ppb
Sodium	23-2	11.53	13.56	11.27	12.12	10.35	ppb
Strontium	86-1	-0.03	-0.05	-0.06	-0.05		ppb
Strontium	88-1	-0.02	-0.02	-0.03	-0.02		ppb
Sulfur	34-1	-813.92	-664.31	-629.56	-702.60		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.03	0.02	37.29	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	23.14	ppb
Tin	118-1	-0.25	-0.19	-0.13	-0.19		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BL	Instrumnet Name :	P8
Client Sample ID :	PB146947BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:53:26	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.00	0.09	0.03	153.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.03	0.02	-0.11	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	608.61	ppb
Zirconium	91-1	0.00	-0.03	0.00	-0.01		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BS	Instrumnet Name :	P8
Client Sample ID :	PB146947BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:56:31	DataFile Name :	021LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11334.84	10260.13	9889.20	10494.72	7.15	ppb
Antimony	121-1	487.28	512.15	510.93	503.45	2.78	ppb
Arsenic	75-2	581.82	516.69	495.49	531.34	8.47	ppb
Barium	135-1	2470.10	2547.39	2498.88	2505.46	1.56	ppb
Barium	137-1	2433.30	2581.95	2574.88	2530.05	3.31	ppb
Beryllium	9-1	533.07	517.74	526.75	525.85	1.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	445.30	472.68	477.18	465.05	3.71	ppb
Boron	11-1	442.42	469.13	478.92	463.49	4.08	ppb
Bromine	81-1						cps
Cadmium	111-1	485.13	511.96	510.55	502.55	3.00	ppb
Cadmium	106-1	482.79	514.03	511.84	502.89	3.47	ppb
Cadmium	108-1	488.48	516.60	520.62	508.57	3.44	ppb
Calcium	43-1	62394.83	61308.60	60848.32	61517.25	1.29	ppb
Calcium	44-1	54714.08	55929.06	56621.88	55755.01	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	556.57	497.43	510.89	521.63	5.94	ppb
Cobalt	59-2	552.66	508.40	500.37	520.48	5.41	ppb
Copper	63-1	5070.89	5124.54	5039.83	5078.42	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	30550.06	27750.22	27460.42	28586.90	5.97	ppb
Iron	56-2	29472.01	26723.78	26445.76	27547.18	6.07	ppb
Iron	57-2	30460.83	26816.15	26158.62	27811.86	8.33	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BS	Instrumnet Name :	P8
Client Sample ID :	PB146947BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:56:31	DataFile Name :	021LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2514.52	2510.17	2476.88	2500.52	0.82	ppb
Lead	207-1	2552.63	2482.45	2553.23	2529.44	1.61	ppb
Lead	208-1	2558.25	2501.85	2549.49	2536.53	1.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	58903.74	54119.33	50854.91	54625.99	7.41	ppb
Manganese	55-2	5566.11	4920.26	4847.92	5111.43	7.74	ppb
Molybdenum	94-1	5051.22	5012.33	5036.23	5033.26	0.39	ppb
Molybdenum	95-1	5001.81	5088.04	5009.35	5033.06	0.95	ppb
Molybdenum	96-1	5027.99	5092.08	4866.00	4995.36	2.33	ppb
Molybdenum	97-1	4940.54	5130.68	4873.55	4981.59	2.68	ppb
Molybdenum	98-1	4826.25	4981.97	4975.62	4927.95	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.09	494.31	485.81	509.07	6.52	ppb
Phosphorus	31-2	11490.93	10364.30	9862.91	10572.71	7.89	ppb
Potassium	39-2	27887.76	25034.63	25031.09	25984.49	6.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	515.05	516.49	524.34	518.63	0.96	ppb
Selenium	77-2	592.94	507.10	524.85	541.63	8.37	ppb
Selenium	78-2	583.53	517.15	507.29	535.99	7.74	ppb
Silicon	28-1	311.45	338.19	356.47	335.37	6.75	ppb
Silver	107-1	490.35	506.38	519.87	505.53	2.92	ppb
Silver	109-1	491.56	527.22	501.87	506.88	3.62	ppb
Sodium	23-2	57748.07	50824.12	50320.22	52964.14	7.84	ppb
Strontium	86-1	12291.70	12613.68	12529.45	12478.28	1.34	ppb
Strontium	88-1	12478.94	12464.74	12288.63	12410.77	0.85	ppb
Sulfur	34-1	9728.10	9490.33	9925.21	9714.55	2.24	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	522.65	486.29	503.74	504.23	3.61	ppb
Thallium	205-1	529.76	503.77	511.56	515.03	2.59	ppb
Tin	118-1	486.27	513.30	500.21	499.92	2.70	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BS	Instrumnet Name :	P8
Client Sample ID :	PB146947BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:56:31	DataFile Name :	021LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5127.85	4954.88	5154.73	5079.15	2.14	ppb
Uranium	238-1	499.36	469.33	483.62	484.10	3.10	ppb
Vanadium	51-2	534.21	485.03	479.01	499.42	6.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	5734.54	5090.72	5107.32	5310.86	6.91	ppb
Zirconium	90-1	501.80	496.03	504.95	500.93	0.90	ppb
Zirconium	91-1	504.97	495.59	497.44	499.33	1.00	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:08:39	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.18	14.10	13.99	19.42	47.97	ppb
Antimony	121-1	0.19	0.18	0.19	0.19	2.77	ppb
Arsenic	75-2	0.56	0.28	0.29	0.38	42.62	ppb
Barium	135-1	24.26	24.43	23.59	24.09	1.85	ppb
Barium	137-1	24.18	25.72	24.00	24.63	3.85	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	38.78	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	24.01	24.29	24.37	24.22	0.80	ppb
Boron	11-1	25.01	26.88	26.33	26.08	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.30	-0.19	-0.22		ppb
Cadmium	106-1	-2.17	-4.09	-2.48	-2.91		ppb
Cadmium	108-1	0.02	-0.05	-0.04	-0.02		ppb
Calcium	43-1	21372.93	20845.98	20934.73	21051.21	1.34	ppb
Calcium	44-1	21612.23	21094.79	21532.39	21413.14	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.75	0.75	0.71	0.74	3.41	ppb
Cobalt	59-2	0.33	0.03	0.02	0.13	135.48	ppb
Copper	63-1	39.06	37.68	37.27	38.00	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				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	60.57	38.89	40.19	46.55	26.12	ppb
Iron	56-2	88.08	37.30	35.76	53.71	55.43	ppb
Iron	57-2	121.71	60.37	62.97	81.68	42.47	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:08:39	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.25	0.25	0.27	11.58	ppb
Lead	207-1	0.24	0.23	0.23	0.23	2.52	ppb
Lead	208-1	0.26	0.23	0.23	0.24	7.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	7410.42	7520.57	7546.45	7492.48	0.96	ppb
Manganese	55-2	2.14	1.30	1.24	1.56	32.26	ppb
Molybdenum	94-1	0.32	0.29	0.32	0.31	4.55	ppb
Molybdenum	95-1	0.42	0.36	0.39	0.39	7.88	ppb
Molybdenum	96-1	0.39	0.33	0.38	0.37	8.53	ppb
Molybdenum	97-1	0.43	0.35	0.44	0.41	11.84	ppb
Molybdenum	98-1	0.42	0.38	0.38	0.39	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.81	42.38	41.68	41.62	1.89	ppb
Phosphorus	31-2	1091.46	1100.16	1009.81	1067.14	4.67	ppb
Potassium	39-2	1305.97	1322.40	1314.53	1314.30	0.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.87	0.61	0.60	0.70	22.20	ppb
Selenium	77-2	1.02	-0.32	0.15	0.28	241.42	ppb
Selenium	78-2	-0.18	0.80	-0.37	0.09	733.45	ppb
Silicon	28-1	1540.36	1488.18	1468.98	1499.18	2.46	ppb
Silver	107-1	0.01	0.00	0.00	0.00	80.01	ppb
Silver	109-1	-0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	44976.19	46440.19	46148.65	45855.01	1.69	ppb
Strontium	86-1	87.83	83.29	85.69	85.61	2.66	ppb
Strontium	88-1	90.47	87.89	88.85	89.07	1.46	ppb
Sulfur	34-1	4025.31	3647.59	3511.75	3728.22	7.14	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	118.46	ppb
Tin	118-1	0.31	0.32	0.21	0.28	22.36	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:08:39	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.28	1.17	1.05	1.17	9.69	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.56	ppb
Vanadium	51-2	0.29	0.19	0.19	0.22	26.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	128.69	126.11	124.28	126.36	1.75	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	124.37	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	463.06	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-02	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-BS1	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:11:42	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.08	15.41	15.32	15.61	2.67	ppb
Antimony	121-1	0.16	0.15	0.18	0.16	8.99	ppb
Arsenic	75-2	0.21	0.24	0.24	0.23	6.83	ppb
Barium	135-1	24.25	24.56	25.09	24.63	1.73	ppb
Barium	137-1	24.93	25.83	25.97	25.57	2.21	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	15.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	23.59	22.78	24.49	23.62	3.64	ppb
Boron	11-1	23.11	23.80	26.00	24.31	6.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.18	-0.05	-0.09		ppb
Cadmium	106-1	-0.67	-2.65	-0.74	-1.36		ppb
Cadmium	108-1	0.01	-0.01	-0.03	-0.01		ppb
Calcium	43-1	20808.81	21949.42	22065.29	21607.84	3.21	ppb
Calcium	44-1	21131.45	22380.25	22543.71	22018.47	3.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.49	1.50	1.35	1.45	5.56	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	4.67	ppb
Copper	63-1	42.92	45.22	45.84	44.66	3.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	49.99	50.66	50.20	50.29	0.67	ppb
Iron	56-2	49.91	49.15	50.90	49.99	1.76	ppb
Iron	57-2	73.84	74.12	77.70	75.22	2.86	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-02	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-BS1	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:11:42	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.37	0.39	0.39	0.38	3.44	ppb
Lead	207-1	0.37	0.35	0.35	0.36	4.17	ppb
Lead	208-1	0.37	0.38	0.38	0.37	1.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	7851.01	7865.18	8012.92	7909.70	1.13	ppb
Manganese	55-2	1.79	1.75	1.68	1.74	3.36	ppb
Molybdenum	94-1	0.24	0.26	0.39	0.30	26.94	ppb
Molybdenum	95-1	0.39	0.37	0.39	0.38	3.06	ppb
Molybdenum	96-1	0.35	0.32	0.35	0.34	5.53	ppb
Molybdenum	97-1	0.36	0.37	0.30	0.34	11.12	ppb
Molybdenum	98-1	0.36	0.37	0.37	0.37	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.09	24.13	23.73	23.98	0.92	ppb
Phosphorus	31-2	1130.67	1094.22	1051.89	1092.26	3.61	ppb
Potassium	39-2	1382.14	1399.82	1413.71	1398.56	1.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.10	0.24	0.66	0.33	86.26	ppb
Selenium	77-2	1.11	0.14	-0.32	0.31	235.82	ppb
Selenium	78-2	-0.18	-0.58	-0.44	-0.40		ppb
Silicon	28-1	1425.16	1552.04	1571.07	1516.09	5.23	ppb
Silver	107-1	0.01	0.00	0.00	0.00	78.29	ppb
Silver	109-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	49305.55	49287.99	50256.02	49616.52	1.12	ppb
Strontium	86-1	84.23	91.63	92.48	89.45	5.07	ppb
Strontium	88-1	89.96	94.68	94.72	93.12	2.94	ppb
Sulfur	34-1	3286.73	3785.04	3947.07	3672.95	9.37	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.71	-0.62	-0.65	-0.66		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-02	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-BS1	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:11:42	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.03	1.27	1.07	1.12	11.60	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.69	ppb
Vanadium	51-2	0.18	0.20	0.21	0.20	8.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	126.64	125.41	126.65	126.23	0.57	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	76.70	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	551.14	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-03	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:14:46	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.16	13.83	13.35	13.45	2.57	ppb
Antimony	121-1	0.12	0.15	0.15	0.14	11.93	ppb
Arsenic	75-2	0.31	0.21	0.29	0.27	20.90	ppb
Barium	135-1	21.61	23.21	23.05	22.63	3.89	ppb
Barium	137-1	22.56	23.10	23.51	23.06	2.08	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	100.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	20.99	22.26	21.93	21.72	3.04	ppb
Boron	11-1	21.96	22.65	23.34	22.65	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.37	-0.05	-0.06	-0.16		ppb
Cadmium	106-1	-4.87	-0.70	-0.91	-2.16		ppb
Cadmium	108-1	-0.03	-0.06	-0.14	-0.08		ppb
Calcium	43-1	20406.62	20440.68	20479.19	20442.16	0.18	ppb
Calcium	44-1	20282.93	20870.08	20230.83	20461.28	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.30	2.28	2.23	2.27	1.63	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	7.84	ppb
Copper	63-1	52.68	52.40	52.87	52.65	0.45	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				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	38.57	37.87	38.78	38.41	1.24	ppb
Iron	56-2	37.16	38.12	37.11	37.46	1.52	ppb
Iron	57-2	59.71	60.81	58.50	59.68	1.94	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-03	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:14:46	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.36	0.34	0.36	0.35	3.36	ppb
Lead	207-1	0.32	0.36	0.32	0.33	5.66	ppb
Lead	208-1	0.33	0.37	0.33	0.34	6.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	7188.95	7529.16	7354.47	7357.53	2.31	ppb
Manganese	55-2	4.21	3.94	4.05	4.07	3.33	ppb
Molybdenum	94-1	0.27	0.27	0.23	0.26	9.83	ppb
Molybdenum	95-1	0.38	0.33	0.34	0.35	7.80	ppb
Molybdenum	96-1	0.36	0.31	0.32	0.33	8.59	ppb
Molybdenum	97-1	0.36	0.39	0.35	0.36	5.46	ppb
Molybdenum	98-1	0.32	0.39	0.29	0.33	15.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.29	20.36	19.84	19.83	2.69	ppb
Phosphorus	31-2	979.66	1101.55	982.38	1021.20	6.82	ppb
Potassium	39-2	1282.20	1317.58	1255.37	1285.05	2.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.58	0.52	0.27	0.46	36.30	ppb
Selenium	77-2	-0.32	0.16	0.67	0.17	292.67	ppb
Selenium	78-2	-1.37	0.60	0.46	-0.11		ppb
Silicon	28-1	1404.63	1444.34	1450.91	1433.29	1.75	ppb
Silver	107-1	0.01	0.00	0.01	0.00	75.51	ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	45111.98	47272.31	45294.79	45893.03	2.61	ppb
Strontium	86-1	84.15	82.37	83.28	83.27	1.07	ppb
Strontium	88-1	85.82	88.08	87.25	87.05	1.32	ppb
Sulfur	34-1	3149.42	3138.67	3485.64	3257.91	6.06	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb
Tin	118-1	-0.57	-0.55	-0.56	-0.56		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-03	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:14:46	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.08	1.09	1.02	1.06	3.62	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.58	ppb
Vanadium	51-2	0.19	0.17	0.18	0.18	7.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	124.10	126.12	123.92	124.71	0.98	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.14	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-04	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:17:49	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.59	15.02	14.86	14.83	1.48	ppb
Antimony	121-1	0.16	0.17	0.16	0.17	3.01	ppb
Arsenic	75-2	0.22	0.24	0.20	0.22	8.71	ppb
Barium	135-1	23.52	24.51	24.03	24.02	2.07	ppb
Barium	137-1	24.18	24.82	24.13	24.37	1.58	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	49.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	19.10	19.90	22.88	20.63	9.68	ppb
Boron	11-1	22.02	21.23	23.05	22.10	4.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	0.16	-0.06	-0.01		ppb
Cadmium	106-1	-1.81	1.82	-0.98	-0.32		ppb
Cadmium	108-1	-0.19	-0.09	-0.05	-0.11		ppb
Calcium	43-1	20786.63	20936.03	20751.68	20824.78	0.47	ppb
Calcium	44-1	21501.27	21147.03	21036.44	21228.25	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.33	9.08	9.24	9.21	1.39	ppb
Cobalt	59-2	0.09	0.09	0.09	0.09	4.86	ppb
Copper	63-1	45.59	45.34	44.85	45.26	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	80.32	74.99	79.67	78.33	3.71	ppb
Iron	56-2	72.14	69.08	67.09	69.44	3.66	ppb
Iron	57-2	96.18	91.65	97.09	94.97	3.07	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-04	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:17:49	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.39	0.33	0.38	10.39	ppb
Lead	207-1	0.40	0.37	0.38	0.38	4.02	ppb
Lead	208-1	0.39	0.39	0.37	0.38	3.29	ppb
Lithium	6-1				104		%
Magnesium	24-2	7427.67	7292.69	7279.86	7333.41	1.12	ppb
Manganese	55-2	11.78	11.57	11.86	11.74	1.28	ppb
Molybdenum	94-1	0.35	0.40	0.36	0.37	7.29	ppb
Molybdenum	95-1	0.46	0.48	0.47	0.47	2.58	ppb
Molybdenum	96-1	0.41	0.40	0.44	0.42	4.55	ppb
Molybdenum	97-1	0.50	0.45	0.46	0.47	5.70	ppb
Molybdenum	98-1	0.46	0.43	0.40	0.43	7.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.76	12.88	13.53	13.39	3.41	ppb
Phosphorus	31-2	1045.76	1006.20	1011.74	1021.23	2.10	ppb
Potassium	39-2	1354.49	1333.05	1319.27	1335.60	1.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.36	0.53	0.30	0.39	30.12	ppb
Selenium	77-2	0.16	0.61	0.15	0.31	85.35	ppb
Selenium	78-2	-0.25	0.34	0.76	0.28	177.54	ppb
Silicon	28-1	1475.73	1468.43	1474.26	1472.81	0.26	ppb
Silver	107-1	0.00	0.01	0.01	0.00	114.30	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	45451.47	44309.53	45100.75	44953.92	1.30	ppb
Strontium	86-1	88.71	87.34	85.86	87.30	1.63	ppb
Strontium	88-1	93.07	90.72	88.57	90.79	2.48	ppb
Sulfur	34-1	3226.07	3713.84	3452.29	3464.07	7.05	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.03	-0.05	-0.04		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.06	0.13	0.10	0.10	35.49	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-04	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:17:49	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.10	1.23	1.16	1.16	5.90	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.06	ppb
Vanadium	51-2	0.23	0.20	0.19	0.21	11.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	154.21	149.53	149.38	151.04	1.82	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	60.20	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-05	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-KS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:20:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.15	10.62	9.88	10.55	6.02	ppb
Antimony	121-1	0.29	0.31	0.26	0.29	8.29	ppb
Arsenic	75-2	0.24	0.25	0.25	0.25	2.69	ppb
Barium	135-1	24.69	24.89	23.98	24.52	1.95	ppb
Barium	137-1	25.76	25.46	25.04	25.42	1.42	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	37.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	36.88	36.74	38.12	37.25	2.04	ppb
Boron	11-1	38.57	39.96	41.03	39.85	3.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	-0.27	-0.08		ppb
Cadmium	106-1	-0.21	-0.14	-3.62	-1.32		ppb
Cadmium	108-1	0.16	0.45	0.33	0.31	45.28	ppb
Calcium	43-1	20535.99	20585.37	21190.27	20770.54	1.75	ppb
Calcium	44-1	20659.80	21350.01	21082.50	21030.77	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.63	56.35	53.73	55.57	2.88	ppb
Cobalt	59-2	5.17	5.29	4.96	5.14	3.28	ppb
Copper	63-1	109.26	107.55	109.91	108.91	1.12	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				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	103.27	99.85	100.38	101.17	1.82	ppb
Iron	56-2	58.43	58.13	57.04	57.87	1.26	ppb
Iron	57-2	82.05	78.16	79.18	79.80	2.53	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-05	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-KS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:20:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.27	4.95	4.88	5.03	4.14	ppb
Lead	207-1	5.16	5.15	4.83	5.05	3.70	ppb
Lead	208-1	5.17	5.00	4.93	5.04	2.41	ppb
Lithium	6-1				106		%
Magnesium	24-2	7589.40	7699.58	7335.96	7541.64	2.47	ppb
Manganese	55-2	11.40	11.15	10.51	11.02	4.17	ppb
Molybdenum	94-1	0.36	0.40	0.37	0.38	5.04	ppb
Molybdenum	95-1	0.42	0.46	0.44	0.44	4.64	ppb
Molybdenum	96-1	0.41	0.32	0.36	0.36	13.78	ppb
Molybdenum	97-1	0.48	0.49	0.43	0.47	6.49	ppb
Molybdenum	98-1	0.48	0.48	0.57	0.51	10.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	875.28	867.17	844.67	862.37	1.84	ppb
Phosphorus	31-2	828.01	901.75	783.42	837.73	7.13	ppb
Potassium	39-2	1402.21	1389.21	1338.42	1376.62	2.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.07	0.33	0.15	0.19	71.81	ppb
Selenium	77-2	-0.32	0.63	-0.32	-0.01		ppb
Selenium	78-2	0.36	-0.42	-0.15	-0.07		ppb
Silicon	28-1	1493.70	1491.18	1532.59	1505.82	1.54	ppb
Silver	107-1	0.01	0.00	0.01	0.01	26.67	ppb
Silver	109-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	46312.21	46919.98	43627.71	45619.97	3.84	ppb
Strontium	86-1	86.20	86.78	86.75	86.58	0.38	ppb
Strontium	88-1	90.66	87.17	86.43	88.09	2.57	ppb
Sulfur	34-1	3923.53	3860.66	4293.25	4025.81	5.81	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	3.01	3.02	2.93	2.99	1.74	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-05	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-KS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:20:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.13	1.06	1.08	1.09	3.39	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	30.11	ppb
Vanadium	51-2	0.21	0.19	0.17	0.19	8.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1043.92	1057.52	1013.03	1038.16	2.20	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	142.59	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-06	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:23:57	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.33	21.49	16.15	18.33	15.32	ppb
Antimony	121-1	0.12	0.13	0.14	0.13	7.68	ppb
Arsenic	75-2	0.28	0.36	0.22	0.29	24.51	ppb
Barium	135-1	24.46	24.53	23.09	24.03	3.39	ppb
Barium	137-1	23.74	25.24	24.64	24.54	3.07	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	85.85	ppb
Bismuth	209-1				107		%
Bismuth	209-2				92		%
Boron	10-1	20.35	21.39	20.36	20.70	2.88	ppb
Boron	11-1	21.48	22.57	21.81	21.95	2.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.10	-0.14	-0.10		ppb
Cadmium	106-1	-1.09	-1.39	-1.88	-1.45		ppb
Cadmium	108-1	-0.08	-0.11	-0.09	-0.10		ppb
Calcium	43-1	21044.56	20448.25	21008.79	20833.87	1.61	ppb
Calcium	44-1	21595.66	21572.13	21900.96	21689.58	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.76	3.63	2.69	3.03	17.32	ppb
Cobalt	59-2	0.04	0.05	0.03	0.04	28.94	ppb
Copper	63-1	26.70	26.02	26.95	26.56	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				94		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	54-2	47.92	62.81	42.64	51.12	20.46	ppb
Iron	56-2	44.98	57.55	41.97	48.17	17.16	ppb
Iron	57-2	63.84	88.07	66.52	72.81	18.25	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-06	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:23:57	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.19	0.20	4.50	ppb
Lead	207-1	0.24	0.21	0.20	0.21	9.96	ppb
Lead	208-1	0.23	0.21	0.22	0.22	4.65	ppb
Lithium	6-1				104		%
Magnesium	24-2	7829.47	10015.03	7634.07	8492.85	15.56	ppb
Manganese	55-2	3.03	3.94	2.96	3.31	16.50	ppb
Molybdenum	94-1	0.36	0.26	0.26	0.29	19.42	ppb
Molybdenum	95-1	0.40	0.35	0.36	0.37	6.88	ppb
Molybdenum	96-1	0.31	0.32	0.33	0.32	3.44	ppb
Molybdenum	97-1	0.35	0.38	0.36	0.36	4.36	ppb
Molybdenum	98-1	0.31	0.34	0.33	0.33	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.94	30.81	22.53	25.76	17.20	ppb
Phosphorus	31-2	1029.02	1399.01	996.44	1141.49	19.59	ppb
Potassium	39-2	1389.09	1765.26	1335.28	1496.54	15.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	82-1	0.26	0.52	0.13	0.30	65.10	ppb
Selenium	77-2	-0.32	-0.32	0.61	-0.01		ppb
Selenium	78-2	-0.54	1.62	0.11	0.40	277.72	ppb
Silicon	28-1	1472.01	1426.77	1441.78	1446.85	1.59	ppb
Silver	107-1	0.00	0.00	0.01	0.00	91.64	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	49902.69	61042.19	45968.76	52304.55	14.95	ppb
Strontium	86-1	86.48	86.90	87.83	87.07	0.79	ppb
Strontium	88-1	89.13	90.61	90.75	90.16	1.00	ppb
Sulfur	34-1	3443.00	3261.95	3531.53	3412.16	4.03	ppb
Terbium	159-1				108		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	-0.87	-0.84	-0.88	-0.86		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-06	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:23:57	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.15	1.07	1.24	1.15	7.49	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	12.23	ppb
Vanadium	51-2	0.20	0.25	0.18	0.21	15.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	78.81	102.01	76.11	85.64	16.62	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	274.37	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	414.44	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-07	Instrumnet Name :	P8
Client Sample ID :	SCA-218-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:27:03	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	1.11	1.00	1.08	6.09	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	84.22	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.03	0.01	0.03	0.02	34.42	ppb
Barium	137-1	0.02	0.01	0.02	0.02	32.02	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	5.87	5.67	5.02	5.52	8.01	ppb
Boron	11-1	5.95	6.13	5.11	5.73	9.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.01	-0.15	-0.14		ppb
Cadmium	106-1	-3.24	-0.03	-1.82	-1.69		ppb
Cadmium	108-1	-0.05	-0.02	-0.10	-0.06		ppb
Calcium	43-1	11.88	13.21	12.37	12.49	5.41	ppb
Calcium	44-1	10.55	12.02	11.83	11.46	6.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.58	5.58	5.43	5.53	1.62	ppb
Cobalt	59-2	0.07	0.07	0.06	0.06	5.08	ppb
Copper	63-1	0.24	0.28	0.24	0.26	8.19	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				109		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	32.10	29.38	33.35	31.61	6.43	ppb
Iron	56-2	26.76	27.01	27.63	27.14	1.64	ppb
Iron	57-2	24.48	23.84	27.74	25.36	8.26	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-07	Instrumnet Name :	P8
Client Sample ID :	SCA-218-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:27:03	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.07	0.10	0.10	22.35	ppb
Lead	207-1	0.11	0.11	0.08	0.10	18.24	ppb
Lead	208-1	0.10	0.09	0.09	0.09	8.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.25	0.59	1.01	0.95	34.75	ppb
Manganese	55-2	2.26	2.24	2.00	2.17	6.62	ppb
Molybdenum	94-1	0.07	0.07	0.02	0.05	57.04	ppb
Molybdenum	95-1	0.08	0.09	0.07	0.08	13.79	ppb
Molybdenum	96-1	0.05	0.05	0.07	0.06	19.95	ppb
Molybdenum	97-1	0.06	0.13	0.06	0.08	49.69	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.08	9.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.07	3.93	4.06	4.02	1.91	ppb
Phosphorus	31-2	-22.42	-13.96	-15.87	-17.41		ppb
Potassium	39-2	9.03	10.42	14.94	11.46	26.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	-0.11	0.15	-0.02	0.01	2477.78	ppb
Selenium	77-2	-0.32	0.16	-0.32	-0.16		ppb
Selenium	78-2	-0.61	-0.80	-0.24	-0.55		ppb
Silicon	28-1	9.99	14.02	11.81	11.94	16.89	ppb
Silver	107-1	0.01	0.00	0.00	0.00	298.79	ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	28.13	26.86	28.25	27.74	2.78	ppb
Strontium	86-1	-0.03	-0.05	-0.04	-0.04		ppb
Strontium	88-1	-0.02	-0.01	-0.02	-0.02		ppb
Sulfur	34-1	-966.66	-710.62	-1114.80	-930.69		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.04		ppb
Tin	118-1	-0.98	-0.95	-0.98	-0.97		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-07	Instrumnet Name :	P8
Client Sample ID :	SCA-218-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:27:03	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.36	0.33	0.28	45.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	17.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	6.64	6.61	6.53	6.59	0.81	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:36:41	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53187.05	52432.53	50044.17	51887.91	3.16	ppb
Antimony	121-1	469.58	462.09	477.82	469.83	1.67	ppb
Arsenic	75-2	491.18	501.01	478.23	490.14	2.33	ppb
Barium	135-1	2496.67	2521.53	2496.41	2504.87	0.58	ppb
Barium	137-1	2588.78	2476.01	2540.46	2535.08	2.23	ppb
Beryllium	9-1	514.32	493.29	498.64	502.08	2.18	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	892.68	976.12	924.49	931.10	4.52	ppb
Boron	11-1	826.38	989.75	918.79	911.64	8.99	ppb
Bromine	81-1						cps
Cadmium	111-1	483.46	478.58	479.34	480.46	0.55	ppb
Cadmium	106-1	499.87	480.84	476.81	485.84	2.53	ppb
Cadmium	108-1	501.27	489.41	495.06	495.25	1.20	ppb
Calcium	43-1	244317.45	253232.21	253108.87	250219.51	2.04	ppb
Calcium	44-1	242564.19	251407.60	255753.12	249908.30	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.38	507.58	495.29	502.08	1.24	ppb
Cobalt	59-2	487.67	483.24	476.71	482.54	1.14	ppb
Copper	63-1	4942.96	4960.54	4913.54	4939.01	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				103		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	54-2	130089.94	129915.68	126497.57	128834.40	1.57	ppb
Iron	56-2	129600.47	129024.98	123317.60	127314.35	2.73	ppb
Iron	57-2	128844.84	128992.63	121012.97	126283.48	3.61	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:36:41	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2713.91	2619.30	2614.96	2649.39	2.11	ppb
Lead	207-1	2664.07	2580.98	2539.29	2594.78	2.45	ppb
Lead	208-1	2665.36	2575.44	2604.41	2615.07	1.76	ppb
Lithium	6-1				98		%
Magnesium	24-2	259666.46	260009.18	248298.79	255991.48	2.60	ppb
Manganese	55-2	4875.09	4928.62	4848.87	4884.19	0.83	ppb
Molybdenum	94-1	5238.42	5141.00	5035.18	5138.20	1.98	ppb
Molybdenum	95-1	5454.16	5114.20	5105.19	5224.52	3.81	ppb
Molybdenum	96-1	5308.28	5148.55	4972.94	5143.26	3.26	ppb
Molybdenum	97-1	5312.32	5248.67	5163.23	5241.41	1.43	ppb
Molybdenum	98-1	5307.92	5185.53	4977.89	5157.11	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.42	504.49	487.76	497.89	1.79	ppb
Phosphorus	31-2	9487.81	9809.37	9210.92	9502.70	3.15	ppb
Potassium	39-2	125784.55	120435.88	118946.24	121722.22	2.95	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	518.69	518.39	506.19	514.42	1.39	ppb
Selenium	77-2	497.19	522.50	471.64	497.11	5.12	ppb
Selenium	78-2	494.58	504.11	475.29	491.33	2.99	ppb
Silicon	28-1	2019.93	2069.91	1990.72	2026.86	1.98	ppb
Silver	107-1	508.39	489.03	486.67	494.70	2.41	ppb
Silver	109-1	493.41	497.37	499.93	496.90	0.66	ppb
Sodium	23-2	257615.65	254726.39	247462.85	253268.29	2.07	ppb
Strontium	86-1	12855.12	12912.37	12538.40	12768.63	1.58	ppb
Strontium	88-1	13013.02	13196.47	13140.44	13116.64	0.72	ppb
Sulfur	34-1	9823.81	10032.90	9644.08	9833.60	1.98	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	541.00	545.37	552.03	546.13	1.02	ppb
Thallium	205-1	566.15	535.67	536.28	546.04	3.19	ppb
Tin	118-1	478.54	468.42	478.83	475.26	1.25	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:36:41	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5005.28	5121.27	4998.18	5041.58	1.37	ppb
Uranium	238-1	543.46	537.30	509.32	530.03	3.43	ppb
Vanadium	51-2	486.97	481.44	474.29	480.90	1.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	4661.46	4850.04	4643.41	4718.31	2.43	ppb
Zirconium	90-1	515.39	514.78	523.32	517.83	0.92	ppb
Zirconium	91-1	517.08	517.82	518.12	517.67	0.10	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:47:49	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.47	0.26	0.38	27.90	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	21.79	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	-0.01	0.03	-0.01	0.00	569.29	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	15.50	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	16.39	17.55	16.85	16.93	3.45	ppb
Boron	11-1	18.01	18.51	17.60	18.04	2.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.24	-0.08	-0.18		ppb
Cadmium	106-1	-2.89	-3.10	-0.98	-2.32		ppb
Cadmium	108-1	0.00	0.06	-0.08	-0.01		ppb
Calcium	43-1	0.09	-1.00	-0.23	-0.38		ppb
Calcium	44-1	-1.63	-1.24	-1.84	-1.57		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.04	0.06	0.05	19.74	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-1	0.14	0.17	0.19	0.16	13.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	1.41	-0.06	-0.67	0.22	474.75	ppb
Iron	56-2	0.07	-0.07	-0.18	-0.06		ppb
Iron	57-2	-0.03	0.43	0.83	0.41	105.08	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:47:49	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.01	0.01	116.04	ppb
Lead	207-1	0.00	-0.01	-0.03	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				107		%
Magnesium	24-2	-0.06	-0.01	-0.03	-0.04		ppb
Manganese	55-2	0.02	0.00	-0.02	0.00	1141.84	ppb
Molybdenum	94-1	0.09	0.04	0.06	0.06	37.21	ppb
Molybdenum	95-1	0.10	0.07	0.08	0.09	20.23	ppb
Molybdenum	96-1	0.07	0.06	0.04	0.06	26.25	ppb
Molybdenum	97-1	0.10	0.07	0.07	0.08	18.23	ppb
Molybdenum	98-1	0.11	0.06	0.07	0.08	32.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.00	0.01	116.89	ppb
Phosphorus	31-2	-9.43	-20.00	-34.04	-21.16		ppb
Potassium	39-2	12.76	-2.87	-2.11	2.59	339.96	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.19	-0.07	-0.05	0.02	608.66	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.43	-0.78	-0.17	-0.46		ppb
Silicon	28-1	7.16	8.04	6.49	7.23	10.78	ppb
Silver	107-1	0.01	0.00	0.01	0.01	36.42	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	15.31	10.94	8.03	11.43	32.10	ppb
Strontium	86-1	-0.06	-0.03	-0.01	-0.04		ppb
Strontium	88-1	-0.01	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-449.21	-361.87	-534.04	-448.38		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	82.10	ppb
Tin	118-1	-0.20	-0.21	-0.11	-0.18		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:47:49	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.04	0.07	0.04	90.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	0.05	0.01	0.01	0.02	106.15	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	176.33	ppb
Zirconium	91-1	-0.02	-0.01	0.01	0.00		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-01	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:57:12	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.47	13.63	13.80	13.30	5.45	ppb
Antimony	121-1	0.13	0.14	0.14	0.14	6.06	ppb
Arsenic	75-2	0.25	0.27	0.20	0.24	14.50	ppb
Barium	135-1	26.78	25.65	25.87	26.10	2.29	ppb
Barium	137-1	27.09	25.94	27.20	26.74	2.61	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	44.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	21.20	21.06	23.01	21.76	5.01	ppb
Boron	11-1	22.55	21.55	25.39	23.16	8.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.30	-0.18	-0.20		ppb
Cadmium	106-1	-1.58	-3.97	-2.54	-2.70		ppb
Cadmium	108-1	0.11	0.16	-0.25	0.01	4415.22	ppb
Calcium	43-1	20466.28	19902.34	20620.16	20329.59	1.86	ppb
Calcium	44-1	21619.86	19888.55	20692.68	20733.69	4.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.01	6.10	5.71	5.94	3.40	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	2.87	ppb
Copper	63-1	21.41	20.22	21.86	21.16	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	67.66	69.24	68.22	68.37	1.17	ppb
Iron	56-2	63.20	64.26	62.31	63.26	1.54	ppb
Iron	57-2	83.06	87.28	92.63	87.66	5.47	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-01	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:57:12	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.26	0.25	0.27	0.26	5.25	ppb
Lead	207-1	0.23	0.24	0.29	0.25	11.50	ppb
Lead	208-1	0.23	0.24	0.27	0.25	9.18	ppb
Lithium	6-1				111		%
Magnesium	24-2	7784.45	7846.71	7454.82	7695.33	2.74	ppb
Manganese	55-2	3.46	3.61	3.50	3.52	2.18	ppb
Molybdenum	94-1	0.33	0.30	0.31	0.31	4.95	ppb
Molybdenum	95-1	0.39	0.39	0.33	0.37	9.20	ppb
Molybdenum	96-1	0.38	0.39	0.38	0.38	1.53	ppb
Molybdenum	97-1	0.35	0.42	0.48	0.42	15.33	ppb
Molybdenum	98-1	0.42	0.40	0.39	0.40	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.84	4.87	4.79	2.51	ppb
Phosphorus	31-2	1059.49	1138.32	1072.49	1090.10	3.88	ppb
Potassium	39-2	1340.18	1372.47	1316.50	1343.05	2.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.28	0.56	0.55	0.46	34.07	ppb
Selenium	77-2	-0.32	-0.32	0.66	0.00	17501.85	ppb
Selenium	78-2	-0.49	-0.72	-0.74	-0.65		ppb
Silicon	28-1	1505.74	1456.67	1483.51	1481.98	1.66	ppb
Silver	107-1	0.01	0.00	0.00	0.00	345.34	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	47646.52	47816.60	45476.50	46979.87	2.78	ppb
Strontium	86-1	85.96	83.81	85.30	85.02	1.29	ppb
Strontium	88-1	91.56	87.85	86.26	88.56	3.07	ppb
Sulfur	34-1	4073.26	3620.97	3841.51	3845.25	5.88	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.83	-0.85	-0.81	-0.83		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-01	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:57:12	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.91	2.64	2.80	2.78	4.87	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.20	ppb
Vanadium	51-2	0.18	0.20	0.22	0.20	9.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	205.53	207.52	200.06	204.37	1.89	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	91.04	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	147.95	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-02	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:00:14	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.26	16.00	15.41	15.89	2.75	ppb
Antimony	121-1	0.16	0.14	0.15	0.15	5.30	ppb
Arsenic	75-2	0.26	0.23	0.19	0.22	15.30	ppb
Barium	135-1	25.18	24.32	25.80	25.10	2.97	ppb
Barium	137-1	26.96	25.14	26.80	26.30	3.84	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	27.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	22.13	22.83	21.60	22.19	2.79	ppb
Boron	11-1	22.93	22.80	22.51	22.75	0.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	-0.21	0.04	-0.04		ppb
Cadmium	106-1	0.89	-2.72	0.50	-0.45		ppb
Cadmium	108-1	0.12	-0.10	0.01	0.01	1176.15	ppb
Calcium	43-1	22623.01	21593.17	22492.51	22236.23	2.52	ppb
Calcium	44-1	22517.51	22285.97	22180.16	22327.88	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.26	4.26	4.32	4.28	0.82	ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	16.91	ppb
Copper	63-1	8.74	8.50	8.70	8.65	1.48	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				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	82.21	79.36	77.94	79.83	2.73	ppb
Iron	56-2	77.96	77.35	75.68	77.00	1.53	ppb
Iron	57-2	101.93	103.18	99.60	101.57	1.79	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-02	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:00:14	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.15	0.16	0.14	13.72	ppb
Lead	207-1	0.11	0.13	0.14	0.13	8.58	ppb
Lead	208-1	0.12	0.14	0.14	0.14	7.49	ppb
Lithium	6-1				111		%
Magnesium	24-2	7919.00	7776.98	7903.74	7866.57	0.99	ppb
Manganese	55-2	4.42	4.45	4.38	4.42	0.77	ppb
Molybdenum	94-1	0.32	0.36	0.35	0.34	5.34	ppb
Molybdenum	95-1	0.46	0.37	0.37	0.40	13.17	ppb
Molybdenum	96-1	0.40	0.34	0.39	0.38	7.46	ppb
Molybdenum	97-1	0.40	0.39	0.34	0.38	8.49	ppb
Molybdenum	98-1	0.42	0.37	0.39	0.39	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.73	2.53	2.62	2.62	3.72	ppb
Phosphorus	31-2	1119.20	1149.79	1100.16	1123.05	2.23	ppb
Potassium	39-2	1389.88	1359.39	1349.28	1366.19	1.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.24	0.37	0.58	0.39	43.30	ppb
Selenium	77-2	1.09	0.17	0.15	0.47	114.20	ppb
Selenium	78-2	-0.97	-0.66	-0.61	-0.75		ppb
Silicon	28-1	1613.27	1535.97	1584.24	1577.82	2.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00	44.15	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	50905.75	49767.98	49138.82	49937.52	1.79	ppb
Strontium	86-1	93.17	89.82	90.39	91.13	1.96	ppb
Strontium	88-1	96.92	92.70	93.15	94.26	2.46	ppb
Sulfur	34-1	4467.93	4051.04	4140.49	4219.82	5.20	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.02	-0.04	-0.03		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.90	-0.89	-0.84	-0.88		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-02	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:00:14	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.38	1.13	1.42	1.31	11.92	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.57	ppb
Vanadium	51-2	0.24	0.23	0.23	0.23	3.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	92.14	89.75	88.64	90.18	1.99	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	724.87	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	286.56	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-03	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-2S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:03:19	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.10	14.31	14.26	14.55	3.24	ppb
Antimony	121-1	0.11	0.14	0.15	0.14	14.73	ppb
Arsenic	75-2	0.21	0.24	0.24	0.23	7.96	ppb
Barium	135-1	23.68	23.34	23.99	23.67	1.38	ppb
Barium	137-1	23.27	24.95	24.35	24.19	3.53	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	98.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	19.49	21.14	21.78	20.80	5.69	ppb
Boron	11-1	20.88	22.08	23.18	22.05	5.21	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.11	-0.10	-0.15		ppb
Cadmium	106-1	-2.97	-1.37	-1.35	-1.90		ppb
Cadmium	108-1	-0.02	-0.05	-0.05	-0.04		ppb
Calcium	43-1	21218.00	20708.22	20769.31	20898.51	1.33	ppb
Calcium	44-1	21455.96	21523.36	20839.54	21272.95	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.23	3.02	2.78	3.01	7.45	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	9.49	ppb
Copper	63-1	7.26	7.30	7.19	7.25	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	54-2	65.39	59.91	59.61	61.64	5.27	ppb
Iron	56-2	62.29	58.58	57.16	59.34	4.46	ppb
Iron	57-2	90.23	81.34	77.56	83.04	7.83	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-03	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-2S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:03:19	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.15	0.15	0.15	3.86	ppb
Lead	207-1	0.16	0.13	0.12	0.14	14.83	ppb
Lead	208-1	0.13	0.13	0.13	0.13	3.81	ppb
Lithium	6-1				108		%
Magnesium	24-2	8541.37	7979.28	7984.97	8168.54	3.95	ppb
Manganese	55-2	4.17	3.89	3.84	3.97	4.54	ppb
Molybdenum	94-1	0.23	0.29	0.32	0.28	17.27	ppb
Molybdenum	95-1	0.33	0.36	0.36	0.35	5.33	ppb
Molybdenum	96-1	0.29	0.31	0.30	0.30	2.48	ppb
Molybdenum	97-1	0.36	0.36	0.38	0.37	3.27	ppb
Molybdenum	98-1	0.34	0.34	0.37	0.35	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.42	2.26	2.36	3.80	ppb
Phosphorus	31-2	1126.92	1020.65	1064.97	1070.85	4.98	ppb
Potassium	39-2	1396.82	1401.81	1346.70	1381.78	2.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	0.58	0.36	0.83	0.59	39.79	ppb
Selenium	77-2	0.68	-0.32	-0.32	0.01	5284.40	ppb
Selenium	78-2	0.11	-0.82	-0.29	-0.33		ppb
Silicon	28-1	1471.12	1417.87	1466.56	1451.85	2.03	ppb
Silver	107-1	0.01	0.00	0.00	0.00	394.91	ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	50922.65	50458.27	47809.15	49730.02	3.38	ppb
Strontium	86-1	87.60	89.97	87.16	88.24	1.71	ppb
Strontium	88-1	92.27	91.53	93.00	92.27	0.79	ppb
Sulfur	34-1	3753.34	3384.78	3535.03	3557.72	5.21	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.96	-0.90	-0.90	-0.92		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-03	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-2S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:03:19	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.20	1.22	1.16	1.19	2.73	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	26.39	ppb
Vanadium	51-2	0.23	0.19	0.19	0.20	11.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	111.76	106.71	103.13	107.20	4.05	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	24.52	ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-04	Instrumnet Name :	P8
Client Sample ID :	SCA-210-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:06:21	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.57	2.37	2.16	2.37	8.69	ppb
Antimony	121-1	0.01	0.02	0.01	0.02	19.84	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.10	0.07	0.09	0.09	18.17	ppb
Barium	137-1	0.08	0.08	0.07	0.07	8.12	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	314.18	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	6.67	7.22	6.56	6.82	5.17	ppb
Boron	11-1	6.83	7.18	7.07	7.02	2.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	0.09	-0.03	-0.04		ppb
Cadmium	106-1	-2.17	1.22	-0.43	-0.46		ppb
Cadmium	108-1	0.00	0.01	0.00	0.00	247.91	ppb
Calcium	43-1	8.09	5.20	7.38	6.89	21.84	ppb
Calcium	44-1	6.73	6.91	8.32	7.32	11.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.30	1.27	1.20	1.26	4.04	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	215.95	ppb
Copper	63-1	0.45	0.43	0.50	0.46	7.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	16.41	12.95	13.24	14.20	13.52	ppb
Iron	56-2	13.83	12.89	12.66	13.13	4.72	ppb
Iron	57-2	12.11	13.69	14.55	13.45	9.22	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-04	Instrumnet Name :	P8
Client Sample ID :	SCA-210-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:06:21	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.19	0.25	0.22	13.31	ppb
Lead	207-1	0.22	0.22	0.25	0.23	7.99	ppb
Lead	208-1	0.21	0.20	0.22	0.21	7.17	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.85	4.71	4.75	4.44	11.45	ppb
Manganese	55-2	0.64	0.58	0.66	0.63	6.48	ppb
Molybdenum	94-1	0.03	0.02	0.00	0.02	106.30	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	40.67	ppb
Molybdenum	96-1	-0.02	-0.02	0.01	-0.01		ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	67.52	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	48.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.55	0.57	0.55	1.96	ppb
Phosphorus	31-2	10.33	-25.31	-26.89	-13.96		ppb
Potassium	39-2	7.61	0.99	8.77	5.79	72.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.09	0.10	0.06	0.02	408.67	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.41	-0.01	-0.46	-0.29		ppb
Silicon	28-1	8.46	9.23	13.42	10.37	25.77	ppb
Silver	107-1	0.00	0.00	0.00	0.00	101.49	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	56.77	52.28	55.52	54.85	4.22	ppb
Strontium	86-1	-0.04	-0.05	-0.02	-0.04		ppb
Strontium	88-1	-0.01	0.00	0.00	-0.01		ppb
Sulfur	34-1	-826.38	-734.86	-314.48	-625.24		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	-0.05	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.84	-0.89	-0.86	-0.87		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-04	Instrumnet Name :	P8
Client Sample ID :	SCA-210-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:06:21	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.33	0.37	0.35	5.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	98.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	2.61	2.29	2.38	2.43	6.80	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	63.88	ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-01	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM1S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:09:29	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.32	14.40	14.82	14.84	3.10	ppb
Antimony	121-1	0.14	0.15	0.14	0.14	5.97	ppb
Arsenic	75-2	0.23	0.28	0.23	0.25	10.59	ppb
Barium	135-1	24.40	24.79	26.00	25.06	3.34	ppb
Barium	137-1	25.56	25.56	26.87	26.00	2.92	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	213.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	17.96	19.95	20.03	19.31	6.08	ppb
Boron	11-1	19.07	21.00	21.18	20.42	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	-0.06	-0.02		ppb
Cadmium	106-1	-0.04	-0.15	-0.86	-0.35		ppb
Cadmium	108-1	0.01	-0.06	-0.15	-0.07		ppb
Calcium	43-1	21012.68	21350.54	22218.58	21527.27	2.89	ppb
Calcium	44-1	21620.62	22391.33	22846.81	22286.25	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.80	8.56	8.59	8.65	1.53	ppb
Cobalt	59-2	0.08	0.08	0.08	0.08	3.63	ppb
Copper	63-1	32.31	32.81	33.50	32.87	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	88.60	86.16	80.20	84.99	5.08	ppb
Iron	56-2	79.95	83.00	78.96	80.64	2.61	ppb
Iron	57-2	103.54	108.06	107.21	106.27	2.26	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-01	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM1S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:09:29	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.18	0.16	13.72	ppb
Lead	207-1	0.12	0.16	0.18	0.16	18.33	ppb
Lead	208-1	0.15	0.15	0.16	0.15	5.62	ppb
Lithium	6-1				107		%
Magnesium	24-2	8257.34	7932.48	7588.07	7925.97	4.22	ppb
Manganese	55-2	5.05	5.18	4.82	5.02	3.64	ppb
Molybdenum	94-1	0.40	0.39	0.37	0.39	4.31	ppb
Molybdenum	95-1	0.34	0.37	0.42	0.37	10.20	ppb
Molybdenum	96-1	0.38	0.34	0.38	0.37	6.97	ppb
Molybdenum	97-1	0.48	0.35	0.39	0.41	16.10	ppb
Molybdenum	98-1	0.38	0.39	0.42	0.40	5.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.77	22.61	22.30	22.56	1.06	ppb
Phosphorus	31-2	1058.19	1068.58	1050.88	1059.22	0.84	ppb
Potassium	39-2	1422.99	1421.52	1402.65	1415.72	0.80	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.26	0.70	-0.02	0.32	114.24	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.01	-0.38	-0.42	-0.27		ppb
Silicon	28-1	1499.77	1508.21	1546.98	1518.32	1.66	ppb
Silver	107-1	0.00	0.00	0.01	0.00	466.61	ppb
Silver	109-1	0.00	-0.01	0.00	-0.01		ppb
Sodium	23-2	49885.66	49659.85	48867.43	49470.98	1.08	ppb
Strontium	86-1	88.77	89.97	94.17	90.97	3.12	ppb
Strontium	88-1	93.18	92.49	98.12	94.60	3.25	ppb
Sulfur	34-1	3710.30	3654.90	4127.47	3830.89	6.74	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.77	-0.79	-0.77	-0.78		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-01	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM1S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:09:29	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.32	1.32	1.44	1.36	5.09	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	22.57	ppb
Vanadium	51-2	0.25	0.27	0.24	0.25	5.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	89.54	91.47	86.56	89.19	2.78	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	25.92	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	34.96	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-02	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:12:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.53	9.93	9.96	10.14	3.33	ppb
Antimony	121-1	0.12	0.12	0.14	0.13	9.18	ppb
Arsenic	75-2	0.18	0.20	0.21	0.20	9.29	ppb
Barium	135-1	23.64	23.57	23.55	23.59	0.21	ppb
Barium	137-1	23.36	24.70	23.68	23.91	2.92	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	406.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	16.60	18.54	19.87	18.34	8.97	ppb
Boron	11-1	18.03	19.68	20.42	19.38	6.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	-0.06	-0.07	-0.02		ppb
Cadmium	106-1	0.43	-1.38	-1.39	-0.78		ppb
Cadmium	108-1	-0.17	-0.10	-0.13	-0.13		ppb
Calcium	43-1	20984.93	20450.07	20961.18	20798.72	1.45	ppb
Calcium	44-1	21589.67	21331.38	21142.60	21354.55	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.55	1.46	1.51	1.51	2.83	ppb
Cobalt	59-2	0.04	0.05	0.06	0.05	21.69	ppb
Copper	63-1	235.75	238.07	234.47	236.09	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	45.13	44.48	44.84	44.82	0.72	ppb
Iron	56-2	44.56	42.77	42.66	43.33	2.47	ppb
Iron	57-2	67.11	62.00	66.47	65.19	4.27	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-02	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:12:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.09	0.12	0.12	17.94	ppb
Lead	207-1	0.13	0.13	0.11	0.13	10.31	ppb
Lead	208-1	0.12	0.11	0.10	0.11	9.75	ppb
Lithium	6-1				109		%
Magnesium	24-2	7691.90	7780.99	7432.04	7634.98	2.37	ppb
Manganese	55-2	4.84	4.65	4.63	4.71	2.48	ppb
Molybdenum	94-1	0.21	0.24	0.21	0.22	7.17	ppb
Molybdenum	95-1	0.27	0.31	0.31	0.30	7.51	ppb
Molybdenum	96-1	0.24	0.23	0.23	0.23	2.31	ppb
Molybdenum	97-1	0.33	0.32	0.32	0.32	2.18	ppb
Molybdenum	98-1	0.30	0.31	0.31	0.31	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.66	2.38	2.38	2.47	6.40	ppb
Phosphorus	31-2	1092.30	1133.89	1011.77	1079.32	5.75	ppb
Potassium	39-2	1324.09	1257.79	1278.57	1286.82	2.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.29	0.23	0.31	0.28	13.82	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.86	-0.10	-0.33	-0.43		ppb
Silicon	28-1	1423.00	1464.47	1443.29	1443.58	1.44	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.71	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	46575.95	46937.26	46586.90	46700.04	0.44	ppb
Strontium	86-1	82.42	86.90	85.72	85.01	2.73	ppb
Strontium	88-1	87.67	88.97	88.42	88.35	0.74	ppb
Sulfur	34-1	3540.65	3584.21	3659.70	3594.86	1.68	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.80	-0.80	-0.82	-0.81		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-02	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:12:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.62	1.06	1.00	1.89	78.92	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	17.75	ppb
Vanadium	51-2	0.20	0.17	0.19	0.19	6.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	147.79	144.29	144.26	145.45	1.40	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	123.39	ppb
Zirconium	91-1	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-03	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:15:34	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.81	12.55	13.36	12.91	3.21	ppb
Antimony	121-1	0.14	0.13	0.12	0.13	5.27	ppb
Arsenic	75-2	0.25	0.27	0.28	0.27	4.31	ppb
Barium	135-1	27.35	26.72	27.07	27.05	1.16	ppb
Barium	137-1	28.68	25.64	27.85	27.39	5.73	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	305.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	19.11	19.90	19.95	19.65	2.38	ppb
Boron	11-1	20.51	20.86	21.17	20.85	1.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	-0.13	-0.13	-0.05		ppb
Cadmium	106-1	1.26	-1.76	-1.62	-0.71		ppb
Cadmium	108-1	-0.09	-0.02	0.09	-0.01		ppb
Calcium	43-1	22940.40	22429.63	23147.09	22839.04	1.62	ppb
Calcium	44-1	22648.43	23188.59	23962.09	23266.37	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.96	1.96	1.96	0.28	ppb
Cobalt	59-2	0.05	0.06	0.05	0.06	7.37	ppb
Copper	63-1	98.26	96.95	98.84	98.02	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	68.30	67.01	65.56	66.95	2.05	ppb
Iron	56-2	63.63	64.15	64.54	64.11	0.71	ppb
Iron	57-2	93.22	91.87	86.13	90.41	4.17	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-03	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:15:34	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.15	0.19	0.18	12.31	ppb
Lead	207-1	0.12	0.19	0.16	0.15	20.58	ppb
Lead	208-1	0.17	0.16	0.17	0.17	4.71	ppb
Lithium	6-1				104		%
Magnesium	24-2	8076.15	7864.58	8024.94	7988.56	1.38	ppb
Manganese	55-2	3.65	3.51	3.55	3.57	2.06	ppb
Molybdenum	94-1	0.24	0.27	0.30	0.27	10.82	ppb
Molybdenum	95-1	0.35	0.32	0.34	0.34	3.76	ppb
Molybdenum	96-1	0.35	0.30	0.34	0.33	7.07	ppb
Molybdenum	97-1	0.38	0.28	0.35	0.34	14.53	ppb
Molybdenum	98-1	0.34	0.33	0.34	0.33	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.61	2.55	2.42	2.53	3.80	ppb
Phosphorus	31-2	1163.47	1055.30	1061.82	1093.53	5.55	ppb
Potassium	39-2	1444.07	1417.67	1402.18	1421.31	1.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.31	0.11	0.49	0.30	63.26	ppb
Selenium	77-2	0.15	-0.32	-0.32	-0.16		ppb
Selenium	78-2	-0.46	-0.69	-0.85	-0.67		ppb
Silicon	28-1	1568.87	1533.31	1578.67	1560.28	1.53	ppb
Silver	107-1	0.00	0.00	0.01	0.00	54.83	ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	50943.82	50559.71	48378.43	49960.65	2.77	ppb
Strontium	86-1	94.40	92.87	92.90	93.39	0.93	ppb
Strontium	88-1	99.99	98.06	98.46	98.84	1.03	ppb
Sulfur	34-1	4116.86	4042.88	4055.24	4071.66	0.97	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	-0.89	-0.93	-0.87	-0.90		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-03	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:15:34	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.05	1.12	1.12	1.10	3.83	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.80	ppb
Vanadium	51-2	0.23	0.23	0.18	0.21	12.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	86.11	85.86	85.77	85.91	0.21	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	156.25	ppb
Zirconium	91-1	0.02	-0.01	0.02	0.01	178.74	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-04	Instrumnet Name :	P8
Client Sample ID :	SCA-513-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:18:36	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	1.18	1.07	1.16	7.09	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	92.25	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	646.43	ppb
Barium	135-1	0.03	0.07	0.03	0.04	57.12	ppb
Barium	137-1	0.01	0.03	0.04	0.03	52.16	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	69.91	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	5.00	4.08	4.41	4.50	10.27	ppb
Boron	11-1	4.80	4.67	4.31	4.59	5.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.03	0.07	-0.03		ppb
Cadmium	106-1	-1.42	-0.40	0.79	-0.35		ppb
Cadmium	108-1	-0.06	-0.13	-0.16	-0.12		ppb
Calcium	43-1	12.02	10.35	11.56	11.31	7.66	ppb
Calcium	44-1	8.95	9.24	10.93	9.71	11.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.98	0.88	0.85	0.91	7.52	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	115.26	ppb
Copper	63-1	0.32	0.31	0.33	0.32	2.17	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				101		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	11.23	12.64	11.68	11.85	6.10	ppb
Iron	56-2	10.84	11.75	11.18	11.26	4.07	ppb
Iron	57-2	9.20	14.27	9.09	10.85	27.27	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-04	Instrumnet Name :	P8
Client Sample ID :	SCA-513-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:18:36	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.09	0.07	26.58	ppb
Lead	207-1	0.07	0.06	0.06	0.06	11.85	ppb
Lead	208-1	0.06	0.06	0.08	0.06	17.13	ppb
Lithium	6-1				108		%
Magnesium	24-2	5.20	8.32	5.42	6.31	27.55	ppb
Manganese	55-2	0.46	0.46	0.39	0.43	8.90	ppb
Molybdenum	94-1	-0.04	-0.02	-0.03	-0.03		ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	72.54	ppb
Molybdenum	96-1	-0.04	-0.03	-0.02	-0.03		ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.40	0.42	0.42	5.73	ppb
Phosphorus	31-2	-11.64	-16.99	-10.78	-13.13		ppb
Potassium	39-2	-7.64	-6.28	-5.83	-6.58		ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.11	0.12	0.11	0.11	5.05	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.42	-0.10	-0.17	-0.23		ppb
Silicon	28-1	4.50	5.07	8.05	5.87	32.44	ppb
Silver	107-1	0.00	0.00	0.00	0.00	64.89	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	11.91	17.30	7.33	12.18	40.96	ppb
Strontium	86-1	-0.07	-0.03	-0.05	-0.05		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-998.12	-929.99	-475.03	-801.04		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.03	-0.05	-0.04	-0.04		ppb
Tin	118-1	-1.04	-1.03	-1.01	-1.03		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-04	Instrumnet Name :	P8
Client Sample ID :	SCA-513-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:18:36	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.25	0.22	0.25	0.24	8.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	20.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	1.36	1.49	1.40	1.42	4.61	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	1118.38	ppb
Zirconium	91-1	-0.01	-0.02	-0.02	-0.02		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01DUP	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASDU	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:21:44	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.24	15.34	14.30	14.96	3.81	ppb
Antimony	121-1	0.14	0.15	0.15	0.15	3.11	ppb
Arsenic	75-2	0.19	0.21	0.24	0.21	12.24	ppb
Barium	135-1	24.22	23.46	23.01	23.56	2.61	ppb
Barium	137-1	25.15	23.99	23.52	24.22	3.46	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	392.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	16.44	17.41	18.35	17.40	5.49	ppb
Boron	11-1	17.09	17.91	18.86	17.95	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.14	-0.12	-0.12		ppb
Cadmium	106-1	-1.52	-1.89	-1.79	-1.74		ppb
Cadmium	108-1	-0.05	-0.04	-0.13	-0.07		ppb
Calcium	43-1	20894.16	21918.32	21142.41	21318.30	2.51	ppb
Calcium	44-1	21404.13	21924.07	21423.33	21583.85	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.19	1.27	1.18	1.22	4.11	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	25.23	ppb
Copper	63-1	37.72	39.24	37.55	38.17	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	43.81	38.84	41.48	41.37	6.01	ppb
Iron	56-2	39.20	40.01	40.41	39.87	1.54	ppb
Iron	57-2	69.66	64.02	62.60	65.43	5.71	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01DUP	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASDU	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:21:44	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.23	0.26	0.23	14.46	ppb
Lead	207-1	0.21	0.26	0.23	0.23	10.25	ppb
Lead	208-1	0.22	0.25	0.24	0.23	7.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	7616.41	7764.45	7521.12	7634.00	1.61	ppb
Manganese	55-2	1.50	1.44	1.38	1.44	3.89	ppb
Molybdenum	94-1	0.24	0.26	0.21	0.23	11.35	ppb
Molybdenum	95-1	0.36	0.35	0.34	0.35	2.69	ppb
Molybdenum	96-1	0.30	0.29	0.33	0.31	7.03	ppb
Molybdenum	97-1	0.28	0.36	0.26	0.30	16.91	ppb
Molybdenum	98-1	0.34	0.31	0.34	0.33	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.76	43.30	41.67	42.57	1.95	ppb
Phosphorus	31-2	1139.65	1104.29	1099.89	1114.61	1.96	ppb
Potassium	39-2	1319.46	1368.73	1302.94	1330.38	2.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.63	0.35	0.52	0.50	28.19	ppb
Selenium	77-2	-0.32	-0.32	1.16	0.17	501.20	ppb
Selenium	78-2	0.50	-0.49	-0.70	-0.23		ppb
Silicon	28-1	1505.62	1561.17	1522.17	1529.65	1.86	ppb
Silver	107-1	0.01	0.00	0.00	0.01	53.28	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	46388.60	48431.23	45199.54	46673.12	3.50	ppb
Strontium	86-1	89.17	89.24	85.87	88.09	2.19	ppb
Strontium	88-1	91.19	92.69	89.45	91.11	1.78	ppb
Sulfur	34-1	3835.36	4206.01	3695.99	3912.45	6.74	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.04	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.29	0.23	0.21	0.24	17.82	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01DUP	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASDU	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:21:44	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.17	1.33	1.18	1.23	7.01	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	16.12	ppb
Vanadium	51-2	0.21	0.17	0.16	0.18	14.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	128.32	129.89	125.05	127.75	1.93	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	402.49	ppb
Zirconium	91-1	0.00	0.00	-0.01	-0.01		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01LX5	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASL	Dilution Factor :	5
Date & Time Acquired :	2022-08-11 18:24:47	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.62	3.02	3.00	2.88	7.86	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	13.19	ppb
Arsenic	75-2	0.05	0.09	0.02	0.05	61.70	ppb
Barium	135-1	4.89	4.39	4.70	4.66	5.43	ppb
Barium	137-1	4.82	4.73	4.97	4.84	2.54	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	284.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	6.87	5.80	6.32	6.33	8.49	ppb
Boron	11-1	6.95	6.67	6.41	6.68	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.15	0.00	-0.11		ppb
Cadmium	106-1	-2.34	-1.80	-0.12	-1.42		ppb
Cadmium	108-1	-0.04	-0.01	-0.07	-0.04		ppb
Calcium	43-1	4409.29	4191.43	4100.09	4233.60	3.75	ppb
Calcium	44-1	4661.45	4320.20	4265.82	4415.82	4.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.11	0.08	0.11	22.70	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	90.57	ppb
Copper	63-1	8.17	7.68	7.53	7.79	4.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	5.47	5.11	7.51	6.03	21.46	ppb
Iron	56-2	6.62	7.04	6.89	6.85	3.09	ppb
Iron	57-2	12.81	13.15	11.92	12.63	5.02	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01LX5	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASL	Dilution Factor :	5
Date & Time Acquired :	2022-08-11 18:24:47	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.02	0.04	0.04	43.40	ppb
Lead	207-1	0.05	0.03	0.02	0.03	37.02	ppb
Lead	208-1	0.04	0.02	0.02	0.03	43.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	1421.32	1448.08	1466.27	1445.22	1.56	ppb
Manganese	55-2	0.23	0.25	0.25	0.24	3.66	ppb
Molybdenum	94-1	0.03	0.05	0.00	0.03	99.64	ppb
Molybdenum	95-1	0.06	0.07	0.07	0.07	9.53	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	69.76	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.04	32.51	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	11.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.04	8.53	8.07	8.22	3.35	ppb
Phosphorus	31-2	187.88	206.82	179.34	191.35	7.35	ppb
Potassium	39-2	244.10	247.76	256.32	249.39	2.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.02	0.11	0.03	0.05	86.70	ppb
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	0.02	-0.57	-0.19	-0.25		ppb
Silicon	28-1	309.81	300.49	288.84	299.71	3.51	ppb
Silver	107-1	0.00	0.01	0.00	0.00	252.52	ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	8961.27	9151.64	9077.01	9063.31	1.06	ppb
Strontium	86-1	18.59	16.78	17.15	17.50	5.46	ppb
Strontium	88-1	18.23	16.74	17.46	17.48	4.27	ppb
Sulfur	34-1	790.65	276.41	111.56	392.87	90.16	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.03		ppb
Tin	118-1	-0.09	-0.10	-0.04	-0.08		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01LX5	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASL	Dilution Factor :	5
Date & Time Acquired :	2022-08-11 18:24:47	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.33	0.39	0.34	0.35	8.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	68.22	ppb
Vanadium	51-2	0.02	0.03	0.04	0.03	26.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	24.73	24.27	24.86	24.62	1.26	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.02	-0.02	-0.01		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:27:53	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53487.58	50825.89	48959.20	51090.89	4.45	ppb
Antimony	121-1	466.58	480.47	478.46	475.17	1.58	ppb
Arsenic	75-2	491.59	500.78	495.68	496.02	0.93	ppb
Barium	135-1	2504.79	2511.52	2480.01	2498.77	0.66	ppb
Barium	137-1	2542.34	2481.65	2505.28	2509.76	1.22	ppb
Beryllium	9-1	488.08	494.24	492.28	491.53	0.64	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	890.74	903.34	940.35	911.48	2.83	ppb
Boron	11-1	881.59	914.42	979.32	925.11	5.38	ppb
Bromine	81-1						cps
Cadmium	111-1	477.42	476.86	488.14	480.81	1.32	ppb
Cadmium	106-1	483.13	514.13	500.77	499.34	3.11	ppb
Cadmium	108-1	498.94	499.47	496.66	498.36	0.30	ppb
Calcium	43-1	256376.77	259743.94	255423.81	257181.51	0.88	ppb
Calcium	44-1	254398.56	254931.27	252899.79	254076.54	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.19	490.82	482.61	493.21	2.43	ppb
Cobalt	59-2	494.69	467.69	476.75	479.71	2.86	ppb
Copper	63-1	5008.95	5079.37	4944.82	5011.05	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	130533.78	125618.71	125274.52	127142.33	2.31	ppb
Iron	56-2	128220.38	126478.86	123265.84	125988.36	1.99	ppb
Iron	57-2	128979.55	124394.73	124952.99	126109.09	1.98	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:27:53	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2684.14	2611.42	2682.55	2659.37	1.56	ppb
Lead	207-1	2535.13	2533.18	2654.06	2574.12	2.69	ppb
Lead	208-1	2622.94	2558.20	2678.58	2619.91	2.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	254357.38	248548.98	244572.42	249159.59	1.98	ppb
Manganese	55-2	4939.34	4731.36	4688.28	4786.32	2.80	ppb
Molybdenum	94-1	4908.16	5265.75	4937.72	5037.21	3.94	ppb
Molybdenum	95-1	4949.28	5174.63	4989.18	5037.70	2.39	ppb
Molybdenum	96-1	4976.14	5268.32	5050.59	5098.35	2.98	ppb
Molybdenum	97-1	5051.29	5194.98	5024.07	5090.11	1.80	ppb
Molybdenum	98-1	4983.14	5123.78	4913.28	5006.74	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.49	482.49	477.24	488.08	2.96	ppb
Phosphorus	31-2	9752.93	9553.97	9050.20	9452.37	3.83	ppb
Potassium	39-2	124021.07	117152.88	119653.85	120275.93	2.89	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	500.93	510.49	495.36	502.26	1.52	ppb
Selenium	77-2	520.41	524.60	485.21	510.07	4.24	ppb
Selenium	78-2	493.49	495.58	488.04	492.37	0.79	ppb
Silicon	28-1	2002.82	2018.41	2018.67	2013.30	0.45	ppb
Silver	107-1	494.78	520.32	497.06	504.05	2.80	ppb
Silver	109-1	489.68	496.54	490.58	492.27	0.76	ppb
Sodium	23-2	262152.62	251016.99	248613.32	253927.64	2.84	ppb
Strontium	86-1	12383.89	12788.54	12415.33	12529.25	1.80	ppb
Strontium	88-1	12256.56	13100.65	12464.88	12607.36	3.49	ppb
Sulfur	34-1	9982.63	10196.03	10166.61	10115.09	1.14	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	547.10	525.34	542.47	538.31	2.13	ppb
Thallium	205-1	549.22	536.91	554.18	546.77	1.63	ppb
Tin	118-1	474.33	483.38	490.28	482.66	1.66	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:27:53	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5131.86	5234.14	5008.84	5124.94	2.20	ppb
Uranium	238-1	540.20	520.17	538.79	533.05	2.10	ppb
Vanadium	51-2	483.70	480.25	470.82	478.26	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	4738.21	4583.65	4556.57	4626.15	2.12	ppb
Zirconium	90-1	505.54	527.39	509.24	514.06	2.27	ppb
Zirconium	91-1	502.80	532.06	511.22	515.36	2.92	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:33:15	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.25	0.20	0.16	80.72	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	13.11	ppb
Arsenic	75-2	-0.01	0.04	-0.01	0.01	425.10	ppb
Barium	135-1	-0.01	0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.15	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	24.71	24.16	22.66	23.85	4.45	ppb
Boron	11-1	26.23	24.07	24.16	24.82	4.92	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.11	-0.09	-0.12		ppb
Cadmium	106-1	-1.73	-1.34	-0.84	-1.30		ppb
Cadmium	108-1	0.22	0.14	0.35	0.24	44.98	ppb
Calcium	43-1	-0.31	0.33	-0.72	-0.23		ppb
Calcium	44-1	-3.27	-3.16	-2.01	-2.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.04	0.02	82.23	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-1	0.31	0.23	0.25	0.26	17.32	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				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	-0.94	0.72	-0.60	-0.28		ppb
Iron	56-2	0.11	-0.06	-0.13	-0.03		ppb
Iron	57-2	0.46	1.07	0.70	0.74	41.02	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:33:15	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	-0.01	0.00		ppb
Lead	207-1	0.00	-0.02	0.00	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				112		%
Magnesium	24-2	0.24	0.74	0.05	0.34	103.64	ppb
Manganese	55-2	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.19	0.12	0.12	0.14	28.99	ppb
Molybdenum	95-1	0.24	0.18	0.17	0.20	18.57	ppb
Molybdenum	96-1	0.22	0.12	0.15	0.16	30.30	ppb
Molybdenum	97-1	0.23	0.14	0.16	0.18	29.41	ppb
Molybdenum	98-1	0.20	0.14	0.16	0.17	21.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.01	0.00	311.18	ppb
Phosphorus	31-2	-39.54	-26.73	-29.49	-31.92		ppb
Potassium	39-2	-3.62	-4.51	-6.36	-4.83		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	-0.20	0.24	0.22	0.09	284.72	ppb
Selenium	77-2	-0.32	0.15	-0.32	-0.16		ppb
Selenium	78-2	-0.23	-0.58	-0.34	-0.38		ppb
Silicon	28-1	1.08	0.36	1.70	1.05	64.23	ppb
Silver	107-1	0.01	0.02	0.03	0.02	35.55	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.09	ppb
Sodium	23-2	12.22	13.52	12.24	12.66	5.88	ppb
Strontium	86-1	-0.02	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-523.01	-678.30	-273.85	-491.72		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.02	-0.01	0.00	322.81	ppb
Tin	118-1	-0.11	-0.27	0.23	-0.05		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:33:15	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.01	0.08	0.05	76.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	-0.10	-0.07	-0.02	-0.06		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	43.47	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	142.37	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MS	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:45:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9777.30	11744.66	10519.54	10680.50	9.30	ppb
Antimony	121-1	511.51	592.22	532.10	545.28	7.69	ppb
Arsenic	75-2	511.53	592.70	557.13	553.79	7.35	ppb
Barium	135-1	2553.61	2969.21	2620.45	2714.42	8.22	ppb
Barium	137-1	2527.30	2947.37	2716.32	2730.33	7.71	ppb
Beryllium	9-1	553.86	588.16	557.03	566.35	3.35	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	469.59	537.05	513.90	506.85	6.76	ppb
Boron	11-1	460.20	530.72	494.50	495.14	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	501.20	596.94	537.46	545.20	8.87	ppb
Cadmium	106-1	506.74	599.95	530.62	545.77	8.87	ppb
Cadmium	108-1	492.59	605.21	508.16	535.32	11.40	ppb
Calcium	43-1	71814.38	83217.68	74387.39	76473.15	7.82	ppb
Calcium	44-1	70813.09	81936.82	74079.42	75609.77	7.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.14	558.40	499.88	511.47	8.28	ppb
Cobalt	59-2	476.93	568.22	512.48	519.21	8.86	ppb
Copper	63-1	5611.54	6316.42	6005.42	5977.79	5.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	26230.27	29966.04	27204.56	27800.29	6.97	ppb
Iron	56-2	25504.33	29435.80	26806.78	27248.97	7.35	ppb
Iron	57-2	25431.39	30118.37	26665.07	27404.94	8.87	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MS	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:45:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2656.33	2999.46	2682.87	2779.55	6.87	ppb
Lead	207-1	2671.66	3020.40	2702.69	2798.25	6.90	ppb
Lead	208-1	2673.12	3046.56	2695.89	2805.19	7.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	57333.83	69647.55	62703.49	63228.29	9.76	ppb
Manganese	55-2	5272.51	6155.02	5578.06	5668.53	7.91	ppb
Molybdenum	94-1	3063.16	3427.23	3289.43	3259.94	5.64	ppb
Molybdenum	95-1	2633.09	2908.23	2866.84	2802.72	5.29	ppb
Molybdenum	96-1	2697.66	2966.72	2790.95	2818.44	4.85	ppb
Molybdenum	97-1	2652.20	2938.64	2765.94	2785.59	5.18	ppb
Molybdenum	98-1	2631.46	3001.79	2804.57	2812.61	6.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.53	599.59	536.12	546.75	8.85	ppb
Phosphorus	31-2	1021.73	1131.85	1095.29	1082.96	5.18	ppb
Potassium	39-2	25657.06	30055.17	26925.50	27545.91	8.22	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	518.02	584.53	548.12	550.22	6.05	ppb
Selenium	77-2	486.38	532.80	570.34	529.84	7.94	ppb
Selenium	78-2	486.72	553.70	538.97	526.47	6.69	ppb
Silicon	28-1	1724.99	1961.70	1888.70	1858.46	6.52	ppb
Silver	107-1	416.95	493.56	413.02	441.18	10.29	ppb
Silver	109-1	436.98	455.88	479.28	457.38	4.63	ppb
Sodium	23-2	91972.00	113657.49	101645.56	102425.02	10.61	ppb
Strontium	86-1	608.44	672.92	644.71	642.02	5.04	ppb
Strontium	88-1	596.91	692.87	641.60	643.79	7.46	ppb
Sulfur	34-1	4045.94	5593.20	4512.41	4717.18	16.83	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	540.30	591.28	526.58	552.72	6.17	ppb
Thallium	205-1	536.75	623.01	522.53	560.76	9.70	ppb
Tin	118-1	486.30	580.02	514.24	526.86	9.13	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MS	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:45:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2617.70	2846.26	2650.49	2704.81	4.57	ppb
Uranium	238-1	520.06	587.67	515.01	540.91	7.50	ppb
Vanadium	51-2	468.39	560.68	490.84	506.64	9.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	4284.06	5153.49	4510.80	4649.45	9.70	ppb
Zirconium	90-1	506.06	585.52	536.95	542.84	7.38	ppb
Zirconium	91-1	508.19	580.77	559.89	549.62	6.80	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MSD	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:48:54	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10588.82	10612.08	10232.32	10477.74	2.03	ppb
Antimony	121-1	513.32	503.40	524.11	513.61	2.02	ppb
Arsenic	75-2	542.33	560.66	541.31	548.10	1.99	ppb
Barium	135-1	2550.18	2508.20	2657.57	2571.98	3.00	ppb
Barium	137-1	2566.14	2495.01	2647.71	2569.62	2.97	ppb
Beryllium	9-1	528.10	514.72	540.43	527.75	2.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	476.32	483.24	528.17	495.91	5.68	ppb
Boron	11-1	453.76	486.23	524.49	488.16	7.25	ppb
Bromine	81-1						cps
Cadmium	111-1	518.86	507.02	527.80	517.89	2.01	ppb
Cadmium	106-1	515.31	502.16	537.47	518.31	3.44	ppb
Cadmium	108-1	529.79	493.13	509.13	510.68	3.60	ppb
Calcium	43-1	73441.08	71503.81	71034.99	71993.29	1.77	ppb
Calcium	44-1	73057.68	72272.45	71280.25	72203.46	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	527.54	514.25	495.97	512.59	3.09	ppb
Cobalt	59-2	516.46	508.05	498.60	507.70	1.76	ppb
Copper	63-1	5636.97	5499.26	5396.86	5511.03	2.19	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				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	28549.01	28463.27	27340.18	28117.49	2.40	ppb
Iron	56-2	27866.86	27387.83	26819.76	27358.15	1.92	ppb
Iron	57-2	28658.28	26705.36	26586.43	27316.69	4.26	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MSD	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:48:54	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2621.13	2633.43	2612.41	2622.32	0.40	ppb
Lead	207-1	2694.87	2748.83	2677.08	2706.92	1.38	ppb
Lead	208-1	2663.75	2721.76	2626.09	2670.53	1.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	63926.71	61889.02	60446.87	62087.53	2.82	ppb
Manganese	55-2	5690.28	5523.68	5455.09	5556.35	2.18	ppb
Molybdenum	94-1	3201.35	3070.96	2934.42	3068.91	4.35	ppb
Molybdenum	95-1	2753.83	2622.51	2514.44	2630.26	4.56	ppb
Molybdenum	96-1	2815.03	2654.13	2587.07	2685.41	4.36	ppb
Molybdenum	97-1	2831.46	2555.60	2504.76	2630.61	6.68	ppb
Molybdenum	98-1	2811.20	2485.81	2538.62	2611.88	6.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.15	540.40	528.01	535.19	1.20	ppb
Phosphorus	31-2	1070.10	1068.87	999.27	1046.08	3.88	ppb
Potassium	39-2	27224.56	27494.86	26625.23	27114.89	1.64	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	548.31	508.19	509.53	522.01	4.37	ppb
Selenium	77-2	522.13	541.79	506.82	523.58	3.35	ppb
Selenium	78-2	516.02	534.47	505.38	518.62	2.84	ppb
Silicon	28-1	1731.63	1665.88	1713.84	1703.79	2.00	ppb
Silver	107-1	429.58	472.72	467.07	456.46	5.14	ppb
Silver	109-1	391.79	403.51	426.15	407.15	4.29	ppb
Sodium	23-2	101006.20	104094.09	99135.89	101412.06	2.47	ppb
Strontium	86-1	640.86	590.89	600.89	610.88	4.33	ppb
Strontium	88-1	625.82	589.19	597.96	604.32	3.17	ppb
Sulfur	34-1	4070.25	3467.14	3659.25	3732.21	8.26	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	507.08	535.11	517.41	519.87	2.73	ppb
Thallium	205-1	527.16	547.84	505.90	526.96	3.98	ppb
Tin	118-1	515.27	479.23	511.89	502.13	3.96	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MSD	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:48:54	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2624.58	2578.88	2561.64	2588.37	1.26	ppb
Uranium	238-1	517.26	519.72	509.24	515.41	1.06	ppb
Vanadium	51-2	505.49	500.40	482.20	496.03	2.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	4595.40	4733.02	4554.60	4627.68	2.02	ppb
Zirconium	90-1	522.68	504.27	502.04	509.66	2.22	ppb
Zirconium	91-1	533.99	478.61	494.79	502.46	5.67	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01A	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASA	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:51:52	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10415.41	10300.52	10357.39	10357.78	0.55	ppb
Antimony	121-1	503.22	518.00	526.46	515.89	2.28	ppb
Arsenic	75-2	545.84	538.90	557.70	547.48	1.74	ppb
Barium	135-1	2496.21	2493.28	2578.01	2522.50	1.91	ppb
Barium	137-1	2559.56	2596.39	2696.77	2617.57	2.71	ppb
Beryllium	9-1	525.02	523.43	516.30	521.59	0.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	484.05	498.21	540.88	507.71	5.83	ppb
Boron	11-1	459.81	499.31	511.18	490.10	5.49	ppb
Bromine	81-1						cps
Cadmium	111-1	512.79	506.97	521.70	513.82	1.44	ppb
Cadmium	106-1	530.48	512.31	525.74	522.84	1.80	ppb
Cadmium	108-1	509.89	496.44	517.88	508.07	2.13	ppb
Calcium	43-1	68715.17	73898.45	73721.45	72111.69	4.08	ppb
Calcium	44-1	70324.68	74225.95	72981.66	72510.76	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.58	508.89	497.28	505.58	1.43	ppb
Cobalt	59-2	523.37	503.67	505.38	510.81	2.14	ppb
Copper	63-1	5578.71	5735.13	5574.55	5629.46	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				107		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	28145.10	27558.20	28415.79	28039.70	1.56	ppb
Iron	56-2	27247.01	26675.70	26516.28	26812.99	1.43	ppb
Iron	57-2	27534.59	26710.47	27456.15	27233.74	1.67	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01A	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASA	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:51:52	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2596.39	2509.09	2562.40	2555.96	1.72	ppb
Lead	207-1	2643.41	2613.51	2606.33	2621.08	0.75	ppb
Lead	208-1	2615.47	2643.37	2604.25	2621.03	0.77	ppb
Lithium	6-1				107		%
Magnesium	24-2	60817.54	60968.05	61692.85	61159.48	0.77	ppb
Manganese	55-2	5588.86	5400.31	5472.34	5487.17	1.73	ppb
Molybdenum	94-1	3074.80	3061.55	3068.39	3068.25	0.22	ppb
Molybdenum	95-1	2642.65	2660.18	2626.78	2643.21	0.63	ppb
Molybdenum	96-1	2745.30	2742.62	2633.77	2707.23	2.35	ppb
Molybdenum	97-1	2654.05	2686.87	2620.30	2653.74	1.25	ppb
Molybdenum	98-1	2596.61	2645.35	2667.13	2636.36	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.19	537.45	530.64	535.09	0.72	ppb
Phosphorus	31-2	1010.53	1005.82	1056.45	1024.27	2.73	ppb
Potassium	39-2	27093.21	27310.93	26291.69	26898.61	2.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	520.88	528.22	532.56	527.22	1.12	ppb
Selenium	77-2	535.94	512.43	566.13	538.17	5.00	ppb
Selenium	78-2	507.98	521.19	541.51	523.56	3.23	ppb
Silicon	28-1	1645.34	1834.90	1789.44	1756.56	5.63	ppb
Silver	107-1	402.93	423.90	443.54	423.46	4.80	ppb
Silver	109-1	442.88	384.67	389.95	405.83	7.93	ppb
Sodium	23-2	98442.44	95162.77	100148.57	97917.93	2.59	ppb
Strontium	86-1	608.57	608.98	621.65	613.06	1.21	ppb
Strontium	88-1	616.74	606.54	630.83	618.03	1.97	ppb
Sulfur	34-1	3432.51	4022.42	3602.18	3685.70	8.24	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	530.34	514.47	537.96	527.59	2.27	ppb
Thallium	205-1	522.93	529.93	514.19	522.35	1.51	ppb
Tin	118-1	482.87	485.05	500.91	489.61	2.01	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01A	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASA	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:51:52	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2544.54	2596.44	2590.88	2577.29	1.11	ppb
Uranium	238-1	504.64	501.92	500.31	502.29	0.44	ppb
Vanadium	51-2	493.65	493.80	490.25	492.57	0.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4800.68	4531.34	4690.73	4674.25	2.90	ppb
Zirconium	90-1	516.26	506.14	506.79	509.73	1.11	ppb
Zirconium	91-1	518.69	509.91	518.53	515.71	0.97	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:58:49	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53353.59	52544.38	51854.08	52584.02	1.43	ppb
Antimony	121-1	465.64	482.66	456.84	468.38	2.80	ppb
Arsenic	75-2	499.70	504.83	502.42	502.31	0.51	ppb
Barium	135-1	2391.94	2451.16	2436.48	2426.53	1.27	ppb
Barium	137-1	2453.93	2575.00	2394.51	2474.48	3.72	ppb
Beryllium	9-1	494.15	514.86	499.01	502.67	2.15	ppb
Bismuth	209-1				92		%
Bismuth	209-2				85		%
Boron	10-1	892.52	962.63	997.20	950.79	5.61	ppb
Boron	11-1	880.13	899.72	963.21	914.35	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	475.23	494.33	475.72	481.76	2.26	ppb
Cadmium	106-1	483.28	506.96	472.43	487.56	3.62	ppb
Cadmium	108-1	478.47	498.92	500.90	492.76	2.52	ppb
Calcium	43-1	245878.60	250803.17	254556.91	250412.89	1.74	ppb
Calcium	44-1	249663.07	245407.71	254106.77	249725.85	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.53	496.11	501.77	503.14	1.55	ppb
Cobalt	59-2	502.34	475.05	477.51	484.97	3.11	ppb
Copper	63-1	4808.07	5039.92	4927.59	4925.19	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	54-2	130498.96	127800.49	129418.71	129239.39	1.05	ppb
Iron	56-2	127563.54	125975.13	128131.89	127223.52	0.88	ppb
Iron	57-2	128378.20	128580.48	132080.01	129679.56	1.60	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:58:49	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2646.79	2654.57	2548.08	2616.48	2.27	ppb
Lead	207-1	2562.05	2591.55	2616.13	2589.91	1.05	ppb
Lead	208-1	2575.30	2616.98	2634.69	2608.99	1.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	255363.18	253742.63	260915.58	256673.80	1.47	ppb
Manganese	55-2	4990.76	4694.47	4782.84	4822.69	3.15	ppb
Molybdenum	94-1	5003.68	5002.71	5269.91	5092.10	3.02	ppb
Molybdenum	95-1	5071.57	5048.33	5247.46	5122.45	2.13	ppb
Molybdenum	96-1	5056.84	5151.34	5097.05	5101.74	0.93	ppb
Molybdenum	97-1	5137.86	5026.10	5169.31	5111.09	1.47	ppb
Molybdenum	98-1	5123.86	5008.51	5097.42	5076.60	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.21	491.53	507.12	499.95	1.58	ppb
Phosphorus	31-2	9819.10	9420.90	9598.67	9612.89	2.08	ppb
Potassium	39-2	124270.02	122081.29	122842.12	123064.48	0.90	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	505.48	506.94	506.75	506.39	0.16	ppb
Selenium	77-2	520.99	512.59	510.27	514.62	1.10	ppb
Selenium	78-2	495.30	499.79	498.05	497.71	0.46	ppb
Silicon	28-1	2032.77	2089.00	2086.67	2069.48	1.54	ppb
Silver	107-1	492.27	514.12	480.07	495.49	3.48	ppb
Silver	109-1	478.86	505.68	477.29	487.28	3.28	ppb
Sodium	23-2	262096.86	255923.97	258847.11	258955.98	1.19	ppb
Strontium	86-1	12546.87	12283.94	12623.30	12484.70	1.43	ppb
Strontium	88-1	12708.83	12680.15	12882.78	12757.25	0.86	ppb
Sulfur	34-1	10246.38	10262.82	10286.51	10265.24	0.20	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	527.68	552.65	512.69	531.01	3.80	ppb
Thallium	205-1	552.33	536.22	544.06	544.20	1.48	ppb
Tin	118-1	481.08	487.56	480.80	483.15	0.79	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:58:49	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5001.66	4940.93	5125.08	5022.56	1.87	ppb
Uranium	238-1	530.24	528.82	558.25	539.11	3.08	ppb
Vanadium	51-2	481.90	478.57	483.71	481.40	0.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	4748.56	4794.84	4880.89	4808.10	1.40	ppb
Zirconium	90-1	534.43	501.79	525.55	520.59	3.24	ppb
Zirconium	91-1	529.49	514.81	538.12	527.47	2.23	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 19:19:55	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.15	0.16	0.25	64.59	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	15.07	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.12	0.01	0.00	0.04	167.76	ppb
Barium	137-1	0.10	0.01	0.00	0.04	144.50	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	73.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	9.50	9.27	9.17	9.31	1.84	ppb
Boron	11-1	9.98	9.92	9.29	9.73	3.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.35	-0.24	-0.26		ppb
Cadmium	106-1	-2.54	-4.41	-3.00	-3.32		ppb
Cadmium	108-1	0.20	0.05	0.09	0.12	65.89	ppb
Calcium	43-1	4.18	-0.60	-0.64	0.98	283.38	ppb
Calcium	44-1	2.88	-3.69	-2.73	-1.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.01	0.00	312.55	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-1	0.22	0.00	0.01	0.08	164.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	0.12	-0.38	1.29	0.34	250.53	ppb
Iron	56-2	0.05	-0.30	-0.11	-0.12		ppb
Iron	57-2	0.11	-0.52	0.93	0.17	426.61	ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 19:19:55	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.00	-0.02	0.01	297.66	ppb
Lead	207-1	0.05	-0.02	0.01	0.02	228.48	ppb
Lead	208-1	0.08	0.01	-0.01	0.02	188.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.30	-0.07	0.19	0.14	137.52	ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.19	0.03	0.01	0.08	126.03	ppb
Molybdenum	95-1	0.16	0.04	0.03	0.08	98.12	ppb
Molybdenum	96-1	0.20	0.03	0.01	0.08	129.02	ppb
Molybdenum	97-1	0.16	0.05	0.01	0.07	106.07	ppb
Molybdenum	98-1	0.18	0.03	0.03	0.08	112.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-36.41	-29.92	-31.60	-32.64		ppb
Potassium	39-2	-2.44	-11.39	-0.79	-4.87		ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.39	-0.13	0.10	0.12	212.88	ppb
Selenium	77-2	-0.32	-0.32	0.67	0.01	7484.05	ppb
Selenium	78-2	-0.26	-0.60	-0.73	-0.53		ppb
Silicon	28-1	-0.01	-1.38	-0.09	-0.49		ppb
Silver	107-1	0.05	0.03	0.03	0.03	42.63	ppb
Silver	109-1	0.04	0.02	0.02	0.03	55.03	ppb
Sodium	23-2	6.19	1.99	6.75	4.98	52.35	ppb
Strontium	86-1	0.22	-0.05	-0.02	0.05	281.56	ppb
Strontium	88-1	0.17	-0.01	-0.02	0.05	218.57	ppb
Sulfur	34-1	-17.54	-472.76	-280.12	-256.81		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.04	0.00	-0.02		ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.25	-0.29	-0.21	-0.25		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 19:19:55	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.03	-0.01	0.05	139.86	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	186.44	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.05	-0.01	-0.05	0.00		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	62.95	ppb
Zirconium	91-1	0.01	-0.01	-0.02	0.00		ppb

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:43:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	172	160	177	11.53	cps
Antimony	121-1	50	58	42	50	16.66	cps
Arsenic	75-2	9	3	8	7	48.22	cps
Barium	135-1	42	25	42	36	26.65	cps
Barium	137-1	67	67	108	81	29.86	cps
Beryllium	9-1	65	51	64	60	12.67	cps
Bismuth	209-1	7808228	7520102	6875618	7401316	6.45	cps
Bismuth	209-2	4529223	4584100	4633753	4582359	1.14	cps
Boron	10-1	1262	1200	1202	1221	2.88	cps
Boron	11-1	5468	5390	5408	5422	0.75	cps
Bromine	81-1	84394	85572	86136	85367	1.04	cps
Cadmium	111-1	5854	6027	5363	5748	5.99	cps
Cadmium	106-1	8353	8603	7719	8225	5.54	cps
Cadmium	108-1	67	71	75	71	5.88	cps
Calcium	43-1	467	416	447	444	5.82	cps
Calcium	44-1	16743	16787	16612	16714	0.55	cps
Carbon	12-1	8719808	8839862	8582762	8714144	1.48	cps
Carbon	12-2	91384	94487	92231	92700	1.73	cps
Chlorine	35-1	484775	495532	486698	489001	1.17	cps
Chlorine	35-2	3584	3384	3642	3537	3.83	cps
Chromium	52-2	867	847	887	867	2.31	cps
Cobalt	59-2	107	80	77	88	18.73	cps
Copper	63-1	6253	6442	6330	6341	1.50	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	83	50	33	56	45.83	cps
Erbium	164-2	13	17	33	21	50.75	cps
Gadolinium	160-1	133	117	108	119	10.66	cps
Gadolinium	160-2	163	177	150	163	8.16	cps
Holmium	165-1	13218663	13464513	12273304	12985493	4.84	cps
Holmium	165-2	6635759	6694166	6875613	6735179	1.86	cps
Indium	115-1	13731279	13407705	11797913	12978966	7.98	cps
Indium	115-2	2247386	2263960	2213732	2241692	1.14	cps
Iron	54-2	1206	1233	1228	1222	1.20	cps
Iron	56-2	7191	7491	7174	7285	2.45	cps
Iron	57-2	161	189	244	198	21.41	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:43:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	675	686	700	687	1.82	cps
Lead	206-1	1056	1078	1000	1045	3.84	cps
Lead	207-1	989	789	856	878	11.60	cps
Lead	208-1	4195	4250	3995	4147	3.24	cps
Lithium	6-1	9764409	9462528	8745228	9324055	5.61	cps
Magnesium	24-2	308	367	392	356	12.03	cps
Manganese	55-2	180	187	223	197	11.87	cps
Molybdenum	94-1	367	392	392	383	3.77	cps
Molybdenum	95-1	133	117	117	122	7.87	cps
Molybdenum	96-1	500	392	508	467	13.95	cps
Molybdenum	97-1	100	83	75	86	14.78	cps
Molybdenum	98-1	150	225	367	247	44.51	cps
Neodymium	150-1	33	7	0	13	132.27	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	77	63	63	68	11.36	cps
Phosphorus	31-2	300	342	317	319	6.57	cps
Potassium	39-2	23912	23353	24154	23806	1.73	cps
Rhodium	103-1	13350584	13361368	12564698	13092217	3.49	cps
Rhodium	103-2	6048007	6124441	5980061	6050836	1.19	cps
Scandium	45-1	11288539	11645245	10863343	11265709	3.47	cps
Scandium	45-2	367210	366514	369888	367871	0.48	cps
Selenium	82-1	6	14	20	13	51.63	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	114	113	112	113	0.88	cps
Silicon	28-1	892838	893148	873577	886521	1.26	cps
Silver	107-1	167	133	217	172	24.35	cps
Silver	109-1	225	200	125	183	28.39	cps
Sodium	23-2	21600	19964	20673	20746	3.95	cps
Strontium	86-1	1442	1242	1192	1292	10.24	cps
Strontium	88-1	1784	1767	1525	1692	8.55	cps
Sulfur	34-1	510932	511434	522928	515098	1.32	cps
Terbium	159-1	13880113	13895707	12675374	13483731	5.19	cps
Terbium	159-2	6619210	6463824	6623279	6568771	1.38	cps
Thallium	203-1	567	492	608	556	10.64	cps
Thallium	205-1	975	1317	1225	1172	15.09	cps
Tin	118-1	9471	9804	9562	9612	1.79	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:43:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	567	425	292	428	32.15	cps
Uranium	238-1	67	33	25	42	52.92	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Ytterbium	172-1	117	50	92	86	39.11	cps
Ytterbium	172-2	33	67	50	50	33.34	cps
Ytterbium	176-1	2517	2450	2500	2489	1.39	cps
Ytterbium	176-2	12045	11800	11950	11932	1.03	cps
Yttrium	89-1	23242495	23482490	22248685	22991224	2.85	cps
Yttrium	89-2	2740574	2737961	2607936	2695490	2.81	cps
Zinc	66-2	310	297	333	313	5.92	cps
Zirconium	90-1	1033	942	875	950	8.37	cps
Zirconium	91-1	233	183	175	197	16.00	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:46:07	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2396	2319	2280	2332	2.54	cps
Antimony	121-1	14592	15793	15309	15231	3.97	cps
Arsenic	75-2	349	299	331	326	7.76	cps
Barium	135-1	19139	20458	19974	19857	3.36	cps
Barium	137-1	35565	35138	34612	35105	1.36	cps
Beryllium	9-1	4464	4524	4583	4523	1.31	cps
Bismuth	209-1	7781257	7326610	7591967	7566611	3.02	cps
Bismuth	209-2	4452881	4541385	4056406	4350224	5.94	cps
Boron	10-1	14915	15687	16454	15685	4.91	cps
Boron	11-1	68926	72826	74984	72245	4.25	cps
Bromine	81-1	84557	87676	86780	86338	1.86	cps
Cadmium	111-1	9003	8467	8357	8609	4.02	cps
Cadmium	106-1	9312	8553	8570	8811	4.92	cps
Cadmium	108-1	296	279	263	279	5.97	cps
Calcium	43-1	21224	20899	21445	21189	1.30	cps
Calcium	44-1	348244	354033	350462	350913	0.83	cps
Carbon	12-1	7309211	7600979	7961149	7623780	4.28	cps
Carbon	12-2	91326	90646	91309	91094	0.43	cps
Chlorine	35-1	539108	537485	542226	539606	0.45	cps
Chlorine	35-2	4192	3901	3876	3990	4.41	cps
Chromium	52-2	8042	7739	7959	7913	1.98	cps
Cobalt	59-2	5821	5665	5815	5767	1.54	cps
Copper	63-1	32912	32735	32858	32835	0.28	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	58	50	53	9.11	cps
Erbium	164-2	23	40	30	31	26.97	cps
Gadolinium	160-1	58	125	75	86	40.29	cps
Gadolinium	160-2	177	170	137	161	13.30	cps
Holmium	165-1	13287108	12510616	13043211	12946978	3.07	cps
Holmium	165-2	6541462	6639269	5944755	6375162	5.90	cps
Indium	115-1	13637278	12755538	12954283	13115700	3.53	cps
Indium	115-2	2177921	2242181	2016316	2145473	5.42	cps
Iron	54-2	8692	9009	9114	8938	2.46	cps
Iron	56-2	141232	144353	140902	142163	1.34	cps
Iron	57-2	3812	3634	3617	3688	2.92	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:46:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	705	729	672	702	4.02	cps
Lead	206-1	6657	6435	6891	6661	3.42	cps
Lead	207-1	5829	5624	5985	5813	3.12	cps
Lead	208-1	26283	26044	27089	26472	2.07	cps
Lithium	6-1	9900921	9272608	9836046	9669858	3.57	cps
Magnesium	24-2	144817	143371	146847	145012	1.20	cps
Manganese	55-2	2280	2157	2174	2204	3.04	cps
Molybdenum	94-1	22043	22385	21375	21934	2.34	cps
Molybdenum	95-1	25975	26802	24931	25903	3.62	cps
Molybdenum	96-1	27845	29207	28438	28497	2.40	cps
Molybdenum	97-1	16051	15951	15968	15990	0.34	cps
Molybdenum	98-1	40017	40176	41639	40611	2.20	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	1750	1907	2077	1911	8.55	cps
Phosphorus	31-2	408	608	467	494	20.80	cps
Potassium	39-2	124325	125830	124669	124942	0.63	cps
Rhodium	103-1	13536034	12424213	13218332	13059526	4.39	cps
Rhodium	103-2	5866748	6106414	5218514	5730558	8.02	cps
Scandium	45-1	11995173	10907202	11359836	11420737	4.79	cps
Scandium	45-2	364855	376741	334430	358675	6.08	cps
Selenium	82-1	1227	1192	1297	1239	4.31	cps
Selenium	77-2	57	53	17	42	52.56	cps
Selenium	78-2	259	229	250	246	6.26	cps
Silicon	28-1	1006374	1028980	1024217	1019857	1.17	cps
Silver	107-1	13424	13715	13098	13412	2.30	cps
Silver	109-1	13490	12615	12881	12995	3.45	cps
Sodium	23-2	284427	279449	288353	284077	1.57	cps
Strontium	86-1	4593	4618	4634	4615	0.46	cps
Strontium	88-1	30192	32723	29582	30832	5.40	cps
Sulfur	34-1	517758	510122	513402	513761	0.75	cps
Terbium	159-1	14264467	13713893	13800076	13926145	2.13	cps
Terbium	159-2	6474517	6483404	5880636	6279519	5.50	cps
Thallium	203-1	6844	7077	6568	6830	3.73	cps
Thallium	205-1	16186	16344	16211	16247	0.52	cps
Tin	118-1	281523	282039	283040	282200	0.27	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:46:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9704	9345	10154	9734	4.16	cps
Uranium	238-1	17563	18097	18973	18211	3.91	cps
Vanadium	51-2	12502	12122	12335	12320	1.55	cps
Ytterbium	172-1	108	42	42	64	60.24	cps
Ytterbium	172-2	39	39	33	37	8.67	cps
Ytterbium	176-1	2700	2400	2650	2584	6.22	cps
Ytterbium	176-2	11494	12045	10638	11392	6.22	cps
Yttrium	89-1	23772090	22891089	22655222	23106134	2.55	cps
Yttrium	89-2	2640629	2747665	2371391	2586562	7.50	cps
Zinc	66-2	2074	2117	1970	2054	3.67	cps
Zirconium	90-1	18296	18287	18363	18315	0.22	cps
Zirconium	91-1	4159	4192	4409	4254	3.19	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:49:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114287	110694	109753	111578	2.14	cps
Antimony	121-1	408114	406508	398937	404520	1.21	cps
Arsenic	75-2	15402	15154	15003	15186	1.33	cps
Barium	135-1	552781	537638	524856	538425	2.60	cps
Barium	137-1	938666	927839	927231	931245	0.69	cps
Beryllium	9-1	226838	225596	222789	225074	0.92	cps
Bismuth	209-1	8036470	7628105	7498583	7721053	3.64	cps
Bismuth	209-2	4605822	4651335	4528948	4595368	1.35	cps
Boron	10-1	63873	68936	70204	67671	4.95	cps
Boron	11-1	283210	307335	309502	300016	4.86	cps
Bromine	81-1	86573	85741	86809	86374	0.65	cps
Cadmium	111-1	144395	147376	142152	144641	1.81	cps
Cadmium	106-1	23696	23880	23629	23735	0.55	cps
Cadmium	108-1	10984	10904	11288	11059	1.83	cps
Calcium	43-1	249957	250161	248725	249614	0.31	cps
Calcium	44-1	3980767	3919803	3902951	3934507	1.04	cps
Carbon	12-1	7810738	8171241	8340353	8107444	3.34	cps
Carbon	12-2	95418	93489	97524	95477	2.11	cps
Chlorine	35-1	509287	504766	504268	506107	0.55	cps
Chlorine	35-2	3726	3526	3425	3559	4.29	cps
Chromium	52-2	161814	159147	157339	159433	1.41	cps
Cobalt	59-2	291043	289025	285514	288527	0.97	cps
Copper	63-1	7303719	7228763	7328577	7287020	0.71	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	7	10	23	13	66.12	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	23	20	33	26	27.15	cps
Gadolinium	160-1	158	100	150	136	23.18	cps
Gadolinium	160-2	113	147	147	136	14.20	cps
Holmium	165-1	13879610	13816520	13569947	13755359	1.19	cps
Holmium	165-2	6889707	6873230	6920684	6894540	0.35	cps
Indium	115-1	13518355	13343489	13274047	13378630	0.94	cps
Indium	115-2	2204104	2262148	2297293	2254515	2.09	cps
Iron	54-2	385024	386621	381343	384329	0.70	cps
Iron	56-2	7137769	7036768	6803852	6992797	2.45	cps
Iron	57-2	175729	169055	165599	170128	3.03	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:49:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	705	767	659	710	7.68	cps
Lead	206-1	1388460	1404902	1394222	1395862	0.60	cps
Lead	207-1	1187827	1205063	1198066	1196985	0.72	cps
Lead	208-1	5777370	5817385	5695215	5763323	1.08	cps
Lithium	6-1	9614825	9908402	9273077	9598768	3.31	cps
Magnesium	24-2	1558511	1524585	1475371	1519489	2.75	cps
Manganese	55-2	886054	878791	852953	872599	1.99	cps
Molybdenum	94-1	1905683	1932682	1912549	1916971	0.73	cps
Molybdenum	95-1	2715604	2747261	2765385	2742750	0.92	cps
Molybdenum	96-1	2942273	2982514	3030937	2985241	1.49	cps
Molybdenum	97-1	1665807	1749552	1677443	1697601	2.67	cps
Molybdenum	98-1	4249278	4408584	4301681	4319848	1.88	cps
Neodymium	150-1	73	80	120	91	27.70	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	79176	79619	78469	79088	0.73	cps
Phosphorus	31-2	7085	6743	7010	6946	2.59	cps
Potassium	39-2	559235	558707	550736	556226	0.86	cps
Rhodium	103-1	13265896	13197416	13336121	13266478	0.52	cps
Rhodium	103-2	6052557	6191145	6002149	6081950	1.61	cps
Scandium	45-1	11639421	11781845	11526933	11649400	1.10	cps
Scandium	45-2	378965	381353	384041	381453	0.67	cps
Selenium	82-1	13126	12880	12781	12929	1.38	cps
Selenium	77-2	350	393	380	374	5.93	cps
Selenium	78-2	1523	1532	1516	1524	0.53	cps
Silicon	28-1	5656843	5705835	5635393	5666024	0.64	cps
Silver	107-1	704151	700312	714065	706176	1.00	cps
Silver	109-1	669922	679794	664651	671456	1.14	cps
Sodium	23-2	2919032	2833371	2855565	2869323	1.55	cps
Strontium	86-1	4669791	4577804	4572080	4606558	1.19	cps
Strontium	88-1	39948698	39605488	40118748	39890978	0.66	cps
Sulfur	34-1	611622	610378	612269	611423	0.16	cps
Terbium	159-1	14701188	13911247	13890866	14167767	3.26	cps
Terbium	159-2	6669740	6762425	6756676	6729614	0.77	cps
Thallium	203-1	332215	332578	340184	334992	1.34	cps
Thallium	205-1	802897	825493	825762	818051	1.60	cps
Tin	118-1	418096	423771	415987	419285	0.96	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:49:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	960441	950540	976457	962479	1.36	cps
Uranium	238-1	963957	988642	967458	973353	1.37	cps
Vanadium	51-2	127893	125577	125724	126398	1.03	cps
Ytterbium	172-1	117	83	75	92	24.05	cps
Ytterbium	172-2	22	44	22	30	43.32	cps
Ytterbium	176-1	3484	2975	3184	3214	7.95	cps
Ytterbium	176-2	12195	12345	13096	12545	3.85	cps
Yttrium	89-1	24024880	23959125	23390337	23791447	1.47	cps
Yttrium	89-2	2727540	2758685	2813552	2766592	1.57	cps
Zinc	66-2	287042	281698	276882	281874	1.80	cps
Zirconium	90-1	991262	982561	964103	979309	1.42	cps
Zirconium	91-1	217459	213287	213279	214675	1.12	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:52:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281171	275663	268169	275001	2.37	cps
Antimony	121-1	1001640	993149	995993	996927	0.43	cps
Arsenic	75-2	38049	37508	36569	37375	2.00	cps
Barium	135-1	1348958	1305995	1308985	1321313	1.82	cps
Barium	137-1	2392573	2357131	2314307	2354670	1.66	cps
Beryllium	9-1	554767	564611	556154	558511	0.95	cps
Bismuth	209-1	7768357	7564957	7668895	7667403	1.33	cps
Bismuth	209-2	4444287	4534841	4480970	4486699	1.02	cps
Boron	10-1	160674	170443	172693	167937	3.80	cps
Boron	11-1	710270	763761	783708	752580	5.05	cps
Bromine	81-1	85309	81464	82286	83020	2.44	cps
Cadmium	111-1	336046	341923	343939	340636	1.20	cps
Cadmium	106-1	45952	46036	47265	46418	1.58	cps
Cadmium	108-1	26488	26839	26989	26772	0.96	cps
Calcium	43-1	615247	618502	617671	617140	0.27	cps
Calcium	44-1	9476459	9511475	9578743	9522226	0.55	cps
Carbon	12-1	7630409	7815781	8048739	7831643	2.68	cps
Carbon	12-2	91208	90805	90487	90833	0.40	cps
Chlorine	35-1	492244	487587	486926	488919	0.59	cps
Chlorine	35-2	3325	3634	3284	3414	5.60	cps
Chromium	52-2	405450	388238	390778	394822	2.35	cps
Cobalt	59-2	726653	710909	699758	712440	1.90	cps
Copper	63-1	17605003	18148403	17633869	17795759	1.72	cps
Dysprosium	156-1	100	67	58	75	29.40	cps
Dysprosium	156-2	20	20	27	22	17.33	cps
Erbium	164-1	42	75	42	53	36.46	cps
Erbium	164-2	43	27	27	32	29.85	cps
Gadolinium	160-1	175	117	125	139	22.72	cps
Gadolinium	160-2	133	140	120	131	7.77	cps
Holmium	165-1	13619670	13542110	13084651	13415477	2.16	cps
Holmium	165-2	6718641	6544842	6364559	6542681	2.71	cps
Indium	115-1	13566651	13328235	13061223	13318703	1.90	cps
Indium	115-2	2203203	2173935	2079562	2152234	3.00	cps
Iron	54-2	958663	940964	922246	940624	1.94	cps
Iron	56-2	17641682	17691248	16920096	17417675	2.48	cps
Iron	57-2	436627	420417	409424	422156	3.24	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:52:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	715	654	675	681	4.56	cps
Lead	206-1	3758846	3831973	3831338	3807386	1.10	cps
Lead	207-1	3221331	3124112	3288724	3211389	2.58	cps
Lead	208-1	15008061	14581960	14838548	14809523	1.45	cps
Lithium	6-1	9873533	9341625	9644008	9619722	2.77	cps
Magnesium	24-2	3878712	3741212	3732740	3784221	2.17	cps
Manganese	55-2	2330017	2233791	2191730	2251846	3.15	cps
Molybdenum	94-1	4764272	4673676	4540833	4659594	2.41	cps
Molybdenum	95-1	6905537	6770739	6519414	6731897	2.91	cps
Molybdenum	96-1	7422338	7346294	7219074	7329235	1.40	cps
Molybdenum	97-1	4056320	4095342	3996267	4049310	1.23	cps
Molybdenum	98-1	10835286	10241385	10554572	10543748	2.82	cps
Neodymium	150-1	87	187	187	153	37.65	cps
Neodymium	150-2	13	13	3	10	57.75	cps
Nickel	60-2	197157	188182	189257	191532	2.56	cps
Phosphorus	31-2	17177	17603	16051	16944	4.73	cps
Potassium	39-2	1368844	1349825	1339354	1352675	1.11	cps
Rhodium	103-1	13152881	12874647	12778714	12935414	1.50	cps
Rhodium	103-2	5847215	5766754	5707542	5773837	1.21	cps
Scandium	45-1	11769564	11634354	11319724	11574548	1.99	cps
Scandium	45-2	362355	364282	353576	360071	1.58	cps
Selenium	82-1	31732	31851	31495	31693	0.57	cps
Selenium	77-2	1043	1107	970	1040	6.58	cps
Selenium	78-2	3675	3370	3560	3535	4.36	cps
Silicon	28-1	12874470	12624779	12314544	12604598	2.23	cps
Silver	107-1	1795062	1766396	1910723	1824060	4.19	cps
Silver	109-1	1643326	1654777	1712684	1670262	2.23	cps
Sodium	23-2	7042720	7050054	6951377	7014717	0.78	cps
Strontium	86-1	11163644	11181407	11013806	11119619	0.83	cps
Strontium	88-1	97394175	97261386	96682750	97112770	0.39	cps
Sulfur	34-1	747367	751193	743123	747228	0.54	cps
Terbium	159-1	14604904	14095854	13798608	14166455	2.88	cps
Terbium	159-2	6622841	6623371	6536252	6594155	0.76	cps
Thallium	203-1	854400	866563	851931	857632	0.91	cps
Thallium	205-1	2228609	2194368	2108792	2177256	2.83	cps
Tin	118-1	1025562	1032969	1030943	1029825	0.37	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:52:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2337444	2363278	2377961	2359561	0.87	cps
Uranium	238-1	2532343	2491147	2665628	2563040	3.56	cps
Vanadium	51-2	313798	308222	308074	310031	1.05	cps
Ytterbium	172-1	100	67	83	83	20.00	cps
Ytterbium	172-2	39	11	28	26	53.93	cps
Ytterbium	176-1	4434	4518	4476	4476	0.93	cps
Ytterbium	176-2	12629	12595	12356	12527	1.19	cps
Yttrium	89-1	24077181	23015905	22968110	23353732	2.68	cps
Yttrium	89-2	2639314	2627013	2621886	2629404	0.34	cps
Zinc	66-2	699226	673145	671396	681256	2.29	cps
Zirconium	90-1	2458422	2358820	2455223	2424155	2.34	cps
Zirconium	91-1	533750	531019	524945	529905	0.85	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:55:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	565388	550612	545615	553872	1.86	cps
Antimony	121-1	2099407	2032277	2086787	2072824	1.72	cps
Arsenic	75-2	74647	73443	72688	73593	1.34	cps
Barium	135-1	2804221	2733176	2674808	2737402	2.37	cps
Barium	137-1	4676301	4543840	4681811	4633984	1.69	cps
Beryllium	9-1	1133010	1118549	1158687	1136749	1.79	cps
Bismuth	209-1	7412997	7375256	7467918	7418724	0.63	cps
Bismuth	209-2	4404923	4502456	4535748	4481042	1.52	cps
Boron	10-1	329182	333561	353040	338594	3.75	cps
Boron	11-1	1356058	1423096	1465549	1414901	3.90	cps
Bromine	81-1	81180	82136	80001	81106	1.32	cps
Cadmium	111-1	677866	665957	677889	673904	1.02	cps
Cadmium	106-1	83370	83362	82396	83043	0.67	cps
Cadmium	108-1	54252	53525	52780	53519	1.38	cps
Calcium	43-1	1283235	1303425	1304214	1296958	0.92	cps
Calcium	44-1	18718411	18108712	18714533	18513885	1.90	cps
Carbon	12-1	7532773	7726686	7864497	7707986	2.16	cps
Carbon	12-2	91208	93397	92634	92413	1.20	cps
Chlorine	35-1	475622	471237	469673	472177	0.65	cps
Chlorine	35-2	3601	3559	3342	3501	3.96	cps
Chromium	52-2	783201	795372	778821	785798	1.09	cps
Cobalt	59-2	1523276	1442516	1450291	1472028	3.03	cps
Copper	63-1	34299504	35171463	35258391	34909786	1.52	cps
Dysprosium	156-1	117	150	158	142	15.56	cps
Dysprosium	156-2	57	53	40	50	17.64	cps
Erbium	164-1	75	83	75	78	6.19	cps
Erbium	164-2	23	43	50	39	35.69	cps
Gadolinium	160-1	167	108	92	122	32.22	cps
Gadolinium	160-2	173	220	173	189	14.26	cps
Holmium	165-1	13576531	12844101	13394061	13271564	2.87	cps
Holmium	165-2	6580012	6529049	6738517	6615859	1.65	cps
Indium	115-1	13126518	12905148	13370820	13134162	1.77	cps
Indium	115-2	2220254	2181048	2119472	2173591	2.34	cps
Iron	54-2	1979752	2011753	1962043	1984516	1.27	cps
Iron	56-2	35136899	34296352	34339064	34590772	1.37	cps
Iron	57-2	855739	846954	842555	848416	0.79	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:55:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	714	686	616	672	7.48	cps
Lead	206-1	7611625	7335312	7539790	7495576	1.91	cps
Lead	207-1	6522787	6168394	6583304	6424828	3.49	cps
Lead	208-1	29593087	28586293	29781802	29320394	2.19	cps
Lithium	6-1	9143254	9296865	9437175	9292431	1.58	cps
Magnesium	24-2	7518735	7258458	7324214	7367136	1.84	cps
Manganese	55-2	4470464	4481760	4344833	4432352	1.71	cps
Molybdenum	94-1	9205460	9469315	9136880	9270552	1.89	cps
Molybdenum	95-1	13306360	13572781	13496739	13458627	1.02	cps
Molybdenum	96-1	14443462	15069439	14203454	14572118	3.07	cps
Molybdenum	97-1	8006250	8244351	7991797	8080799	1.76	cps
Molybdenum	98-1	21437924	21052874	21250353	21247050	0.91	cps
Neodymium	150-1	320	287	273	293	8.19	cps
Neodymium	150-2	33	10	10	18	75.77	cps
Nickel	60-2	386000	368008	373405	375804	2.46	cps
Phosphorus	31-2	32955	33607	31894	32819	2.63	cps
Potassium	39-2	2696644	2755506	2662374	2704841	1.74	cps
Rhodium	103-1	12710798	12240321	12289340	12413487	2.08	cps
Rhodium	103-2	5766527	5768697	5778674	5771299	0.11	cps
Scandium	45-1	10994372	10917040	11110930	11007447	0.89	cps
Scandium	45-2	357075	364901	360855	360944	1.08	cps
Selenium	82-1	60749	61430	60545	60908	0.76	cps
Selenium	77-2	2044	1947	1873	1955	4.36	cps
Selenium	78-2	6699	6709	6609	6673	0.83	cps
Silicon	28-1	23537757	23956061	23977741	23823853	1.04	cps
Silver	107-1	3512936	3575435	3510775	3533049	1.04	cps
Silver	109-1	3472291	3353360	3401008	3408886	1.76	cps
Sodium	23-2	14231500	14442822	13917043	14197122	1.86	cps
Strontium	86-1	23188959	22833051	22616545	22879518	1.26	cps
Strontium	88-1	197648621	197599700	193953650	196400657	1.08	cps
Sulfur	34-1	958773	874488	961016	931426	5.30	cps
Terbium	159-1	13589504	13516866	14034148	13713506	2.04	cps
Terbium	159-2	6520522	6633243	6700526	6618097	1.37	cps
Thallium	203-1	1878627	1777870	1826942	1827813	2.76	cps
Thallium	205-1	4382248	4097562	4370484	4283431	3.76	cps
Tin	118-1	2073203	2044004	2149670	2088959	2.61	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 15:55:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4730130	4702097	4733581	4721936	0.37	cps
Uranium	238-1	5261236	5168337	5216096	5215223	0.89	cps
Vanadium	51-2	627119	629498	622492	626370	0.57	cps
Ytterbium	172-1	92	75	125	97	26.19	cps
Ytterbium	172-2	83	50	67	67	25.00	cps
Ytterbium	176-1	6677	6985	7202	6955	3.80	cps
Ytterbium	176-2	13613	13741	14508	13954	3.47	cps
Yttrium	89-1	22762045	22681373	22226810	22556743	1.28	cps
Yttrium	89-2	2688704	2662519	2627279	2659501	1.16	cps
Zinc	66-2	1358039	1331190	1312438	1333889	1.72	cps
Zirconium	90-1	4928595	4793834	4782194	4834874	1.68	cps
Zirconium	91-1	1073920	1056216	1041428	1057188	1.54	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:01:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	992295	987391	968392	982693	1.28	cps
Antimony	121-1	3843000	3740006	3773871	3785626	1.39	cps
Arsenic	75-2	139321	132974	131130	134475	3.20	cps
Barium	135-1	5123982	5109540	5209645	5147722	1.05	cps
Barium	137-1	8331732	8690822	8765081	8595878	2.70	cps
Beryllium	9-1	2089712	2032055	2060576	2060781	1.40	cps
Bismuth	209-1	8433343	7646243	7456484	7845356	6.60	cps
Bismuth	209-2	4419037	4452428	4457927	4443131	0.47	cps
Boron	10-1	294663	311532	317983	308059	3.91	cps
Boron	11-1	1281169	1301191	1289890	1290750	0.78	cps
Bromine	81-1	80817	81755	80264	80945	0.93	cps
Cadmium	111-1	1202585	1228382	1248796	1226588	1.89	cps
Cadmium	106-1	149675	146208	144784	146889	1.71	cps
Cadmium	108-1	93749	96747	97913	96136	2.23	cps
Calcium	43-1	2324307	2374657	2436263	2378409	2.36	cps
Calcium	44-1	34871897	34943156	35220125	35011726	0.53	cps
Carbon	12-1	9823728	9944205	10221413	9996448	2.04	cps
Carbon	12-2	116680	118527	120887	118698	1.78	cps
Chlorine	35-1	392432	385716	383542	387230	1.20	cps
Chlorine	35-2	2750	2534	2725	2670	4.44	cps
Chromium	52-2	1500577	1486221	1463510	1483436	1.26	cps
Cobalt	59-2	2631970	2729792	2681079	2680947	1.82	cps
Copper	63-1	62556945	61309381	63888258	62584861	2.06	cps
Dysprosium	156-1	175	183	250	203	20.27	cps
Dysprosium	156-2	50	37	60	49	23.94	cps
Erbium	164-1	92	58	150	100	46.40	cps
Erbium	164-2	27	40	23	30	29.40	cps
Gadolinium	160-1	158	192	158	169	11.36	cps
Gadolinium	160-2	157	227	213	199	18.69	cps
Holmium	165-1	15516666	14029901	13802103	14449557	6.44	cps
Holmium	165-2	6647563	6733806	6699874	6693748	0.65	cps
Indium	115-1	14697690	12910446	12852801	13486979	7.78	cps
Indium	115-2	2163794	2170714	2166662	2167057	0.16	cps
Iron	54-2	3753114	3513192	3550650	3605652	3.58	cps
Iron	56-2	64174021	62836276	61346725	62785674	2.25	cps
Iron	57-2	1650920	1583136	1594933	1609663	2.25	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:01:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	664	655	655	1.24	cps
Lead	206-1	13561201	14173282	13473807	13736097	2.77	cps
Lead	207-1	11530998	12189780	11609158	11776646	3.06	cps
Lead	208-1	53433361	56087256	53292804	54271140	2.90	cps
Lithium	6-1	10748795	9286234	9510438	9848489	8.00	cps
Magnesium	24-2	14193142	13668422	13467148	13776237	2.72	cps
Manganese	55-2	8444484	7889979	7875286	8069917	4.02	cps
Molybdenum	94-1	17576888	17142707	17193556	17304384	1.37	cps
Molybdenum	95-1	25079072	24647678	24729101	24818617	0.92	cps
Molybdenum	96-1	26921299	27262346	27459616	27214420	1.00	cps
Molybdenum	97-1	15233116	15383122	15467105	15361114	0.77	cps
Molybdenum	98-1	40072295	39399903	38647524	39373240	1.81	cps
Neodymium	150-1	467	400	420	429	7.98	cps
Neodymium	150-2	30	23	27	27	12.51	cps
Nickel	60-2	698755	685286	671280	685107	2.01	cps
Phosphorus	31-2	60593	59415	57983	59331	2.20	cps
Potassium	39-2	4976554	4812866	4636151	4808523	3.54	cps
Rhodium	103-1	14651432	13232332	12127990	13337252	9.48	cps
Rhodium	103-2	5893107	5608441	5854758	5785436	2.67	cps
Scandium	45-1	12902615	11276189	11173721	11784175	8.23	cps
Scandium	45-2	367643	367806	363451	366300	0.67	cps
Selenium	82-1	111404	111927	113695	112342	1.07	cps
Selenium	77-2	3464	3434	3540	3479	1.58	cps
Selenium	78-2	12364	12203	11747	12104	2.64	cps
Silicon	28-1	7337129	7790793	7727911	7618611	3.23	cps
Silver	107-1	6522725	6349555	6346513	6406264	1.57	cps
Silver	109-1	5866488	6225022	6190698	6094069	3.25	cps
Sodium	23-2	26072863	25229488	25849546	25717299	1.70	cps
Strontium	86-1	41761889	41721964	41434981	41639612	0.43	cps
Strontium	88-1	357453758	370834608	368601875	365630080	1.96	cps
Sulfur	34-1	1195656	1189605	1170780	1185347	1.09	cps
Terbium	159-1	15916208	14764960	14107875	14929681	6.13	cps
Terbium	159-2	6780144	6770782	6734559	6761829	0.36	cps
Thallium	203-1	3348384	3358394	3389578	3365452	0.64	cps
Thallium	205-1	7932568	8011734	7868538	7937613	0.90	cps
Tin	118-1	3791674	3876373	3889360	3852469	1.38	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:01:52	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8571203	8385557	8539210	8498657	1.17	cps
Uranium	238-1	9434281	9623672	9973382	9677111	2.83	cps
Vanadium	51-2	1187284	1139126	1124614	1150342	2.85	cps
Ytterbium	172-1	150	117	117	128	15.06	cps
Ytterbium	172-2	44	50	39	44	12.50	cps
Ytterbium	176-1	10338	10046	10204	10196	1.43	cps
Ytterbium	176-2	14942	16194	15877	15671	4.15	cps
Yttrium	89-1	26272562	23501321	23181082	24318322	6.99	cps
Yttrium	89-2	2674721	2804063	2698176	2725653	2.53	cps
Zinc	66-2	2581587	2465883	2471488	2506319	2.60	cps
Zirconium	90-1	8813722	8804948	8685375	8768015	0.82	cps
Zirconium	91-1	1988346	1986108	1918151	1964202	2.03	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:04:58 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2065280	2010933	2020361	2032191	1.43	cps
Antimony	121-1	7367114	7412897	7397093	7392368	0.31	cps
Arsenic	75-2	264271	259126	253644	259014	2.05	cps
Barium	135-1	10021659	9714351	10006722	9914244	1.75	cps
Barium	137-1	16962760	17022204	16561564	16848843	1.49	cps
Beryllium	9-1	3668449	3834922	3865763	3789711	2.80	cps
Bismuth	209-1	7515723	7505697	7338063	7453161	1.34	cps
Bismuth	209-2	4179110	4095750	4242699	4172520	1.77	cps
Boron	10-1	548923	601948	614000	588290	5.89	cps
Boron	11-1	2417517	2453040	2662460	2511006	5.27	cps
Bromine	81-1	79861	77012	78039	78304	1.84	cps
Cadmium	111-1	2414524	2410036	2324522	2383027	2.13	cps
Cadmium	106-1	274019	275941	266082	272014	1.92	cps
Cadmium	108-1	181501	181545	180994	181347	0.17	cps
Calcium	43-1	4476057	4657315	4399562	4510978	2.93	cps
Calcium	44-1	67051004	68696938	65983245	67243729	2.03	cps
Carbon	12-1	12024872	12934984	13223417	12727757	4.91	cps
Carbon	12-2	155434	158768	157852	157351	1.09	cps
Chlorine	35-1	389393	391510	380155	387019	1.56	cps
Chlorine	35-2	2500	2767	2409	2559	7.28	cps
Chromium	52-2	2924407	2857318	2891072	2890932	1.16	cps
Cobalt	59-2	5205052	5053446	5167853	5142117	1.54	cps
Copper	63-1	118984785	120935692	120650375	120190284	0.88	cps
Dysprosium	156-1	425	342	275	347	21.64	cps
Dysprosium	156-2	173	137	140	150	13.52	cps
Erbium	164-1	133	83	117	111	22.91	cps
Erbium	164-2	30	60	57	49	33.63	cps
Gadolinium	160-1	242	308	267	272	12.37	cps
Gadolinium	160-2	217	253	283	251	13.30	cps
Holmium	165-1	14136548	13729934	13479309	13781930	2.41	cps
Holmium	165-2	6790330	6568190	6545156	6634559	2.04	cps
Indium	115-1	12828166	13006173	12476950	12770430	2.11	cps
Indium	115-2	2095358	2005420	2151168	2083982	3.53	cps
Iron	54-2	7032194	6710617	6800548	6847787	2.42	cps
Iron	56-2	125134897	123262375	122131269	123509514	1.23	cps
Iron	57-2	3159574	3070610	3057687	3095957	1.79	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:04:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	785	691	679	718	8.09	cps
Lead	206-1	26932451	27008479	27262675	27067868	0.64	cps
Lead	207-1	23071839	23090132	23713744	23291905	1.57	cps
Lead	208-1	107444634	106700895	107176637	107107389	0.35	cps
Lithium	6-1	9290606	9163411	9296876	9250297	0.81	cps
Magnesium	24-2	26573885	26737579	27055730	26789064	0.91	cps
Manganese	55-2	16019562	15391088	15433855	15614835	2.25	cps
Molybdenum	94-1	33942464	33923333	34132035	33999277	0.34	cps
Molybdenum	95-1	48365146	48275683	48522547	48387792	0.26	cps
Molybdenum	96-1	54357747	52229619	52671983	53086450	2.12	cps
Molybdenum	97-1	29749159	28953785	29225979	29309641	1.38	cps
Molybdenum	98-1	78661210	75643560	76875806	77060192	1.97	cps
Neodymium	150-1	873	787	800	820	5.69	cps
Neodymium	150-2	47	67	67	60	19.24	cps
Nickel	60-2	1441019	1305398	1300998	1349138	5.90	cps
Phosphorus	31-2	117426	114191	115343	115653	1.42	cps
Potassium	39-2	9384804	9383725	9219981	9329504	1.02	cps
Rhodium	103-1	12315356	12136274	11861293	12104308	1.89	cps
Rhodium	103-2	5573033	5470414	5638984	5560810	1.53	cps
Scandium	45-1	11072292	11161637	10989824	11074584	0.78	cps
Scandium	45-2	355712	355178	363996	358296	1.38	cps
Selenium	82-1	211644	211972	212762	212126	0.27	cps
Selenium	77-2	7062	6518	6538	6706	4.60	cps
Selenium	78-2	23270	22970	22780	23007	1.08	cps
Silicon	28-1	14079121	15670521	15947523	15232389	6.62	cps
Silver	107-1	12376711	12021605	11980473	12126263	1.80	cps
Silver	109-1	11301777	11792369	11709393	11601180	2.26	cps
Sodium	23-2	50311130	50506284	49679366	50165593	0.86	cps
Strontium	86-1	84629527	83239514	82621573	83496871	1.23	cps
Strontium	88-1	721286116	707194582	700267449	709582716	1.51	cps
Sulfur	34-1	1746847	1791808	1748772	1762476	1.44	cps
Terbium	159-1	14233896	13959515	14027222	14073544	1.02	cps
Terbium	159-2	6558953	6508697	6741494	6603048	1.86	cps
Thallium	203-1	6495145	6539054	6543924	6526041	0.41	cps
Thallium	205-1	15088100	15026560	15091337	15068666	0.24	cps
Tin	118-1	7455826	7689458	7567530	7570938	1.54	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:04:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	16479385	16904392	16763992	16715923	1.30	cps
Uranium	238-1	19475064	19722671	19465543	19554426	0.75	cps
Vanadium	51-2	2316255	2328660	2318733	2321216	0.28	cps
Ytterbium	172-1	83	117	92	97	17.84	cps
Ytterbium	172-2	33	67	39	46	38.58	cps
Ytterbium	176-1	17838	18480	17095	17804	3.89	cps
Ytterbium	176-2	18535	18508	17924	18322	1.89	cps
Yttrium	89-1	23238746	22245741	23267577	22917355	2.54	cps
Yttrium	89-2	2712109	2547376	2672041	2643842	3.25	cps
Zinc	66-2	4787170	4582877	4560609	4643552	2.69	cps
Zirconium	90-1	17323823	16841571	16988876	17051423	1.45	cps
Zirconium	91-1	3891337	3916272	3965076	3924228	0.96	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:08:06	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9262094	9415331	9566120	9414515	1.61	cps
Antimony	121-1	7652	7802	8486	7980	5.57	cps
Arsenic	75-2	161	144	169	158	8.08	cps
Barium	135-1	4401	3876	4576	4284	8.51	cps
Barium	137-1	6835	7711	7686	7411	6.73	cps
Beryllium	9-1	541	490	611	547	11.12	cps
Bismuth	209-1	6315039	6338688	6028613	6227447	2.77	cps
Bismuth	209-2	3708027	3882158	3846342	3812176	2.41	cps
Boron	10-1	55435	52240	46534	51403	8.77	cps
Boron	11-1	253792	237626	205060	232159	10.69	cps
Bromine	81-1	75452	77323	72824	75200	3.01	cps
Cadmium	111-1	5923	5859	5725	5835	1.73	cps
Cadmium	106-1	8169	8194	7902	8089	2.00	cps
Cadmium	108-1	250	283	213	249	14.26	cps
Calcium	43-1	18146827	18440083	18260515	18282475	0.81	cps
Calcium	44-1	290514846	291105832	296652419	292757699	1.16	cps
Carbon	12-1	9308600	9670535	9563577	9514237	1.95	cps
Carbon	12-2	115695	113931	116249	115292	1.05	cps
Chlorine	35-1	380158	381072	376042	379091	0.71	cps
Chlorine	35-2	2759	2717	2959	2811	4.60	cps
Chromium	52-2	6828	6308	6508	6548	4.01	cps
Cobalt	59-2	6815	6772	6675	6754	1.06	cps
Copper	63-1	221474	217996	220028	219833	0.79	cps
Dysprosium	156-1	1058	842	925	942	11.61	cps
Dysprosium	156-2	373	380	350	368	4.28	cps
Erbium	164-1	108	83	142	111	26.34	cps
Erbium	164-2	83	50	73	69	24.83	cps
Gadolinium	160-1	733	750	667	717	6.15	cps
Gadolinium	160-2	450	553	527	510	10.52	cps
Holmium	165-1	12550915	12639383	12786401	12658900	0.94	cps
Holmium	165-2	6627835	6798937	6620317	6682363	1.51	cps
Indium	115-1	12102067	11430021	11587001	11706363	3.00	cps
Indium	115-2	1985343	2027281	2099424	2037350	2.83	cps
Iron	54-2	30507478	30568403	30895567	30657149	0.68	cps
Iron	56-2	577413368	550957001	553299746	560556705	2.61	cps
Iron	57-2	14317816	14144554	14290377	14250916	0.65	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:08:06	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	711	700	716	709	1.17	cps
Lead	206-1	4668	4879	5896	5148	12.76	cps
Lead	207-1	3923	3739	4434	4032	8.93	cps
Lead	208-1	18478	18583	21586	19549	9.03	cps
Lithium	6-1	8105042	8552021	8610177	8422413	3.28	cps
Magnesium	24-2	123839211	126218428	125415707	125157782	0.97	cps
Manganese	55-2	7299	7302	7002	7201	2.39	cps
Molybdenum	94-1	11580	10905	11113	11199	3.09	cps
Molybdenum	95-1	12689	11547	11605	11947	5.39	cps
Molybdenum	96-1	38337	36783	36584	37235	2.58	cps
Molybdenum	97-1	8528	7644	8228	8133	5.53	cps
Molybdenum	98-1	20215	17311	19148	18891	7.78	cps
Neodymium	150-1	113	100	80	98	17.16	cps
Neodymium	150-2	23	23	37	28	27.73	cps
Nickel	60-2	3230	3134	3207	3190	1.58	cps
Phosphorus	31-2	283	450	308	347	25.89	cps
Potassium	39-2	45676516	46885920	46834068	46465501	1.47	cps
Rhodium	103-1	10768966	10748393	10726485	10747948	0.20	cps
Rhodium	103-2	4995265	5057015	5129775	5060685	1.33	cps
Scandium	45-1	10559899	10872354	10666367	10699540	1.48	cps
Scandium	45-2	352206	350306	355411	352641	0.73	cps
Selenium	82-1	320	346	262	310	13.84	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	114	115	129	119	7.03	cps
Silicon	28-1	3479444	3696840	3699286	3625190	3.48	cps
Silver	107-1	2650	2642	2825	2706	3.83	cps
Silver	109-1	2384	2367	2642	2464	6.26	cps
Sodium	23-2	240574164	241976422	242060597	241537061	0.35	cps
Strontium	86-1	24672	24514	26919	25368	5.30	cps
Strontium	88-1	206481	204174	222151	210935	4.64	cps
Sulfur	34-1	418570	420599	426340	421836	0.96	cps
Terbium	159-1	13637156	13422323	13351552	13470344	1.10	cps
Terbium	159-2	6632477	6439115	6483495	6518362	1.55	cps
Thallium	203-1	2192	2342	1942	2159	9.36	cps
Thallium	205-1	5184	5218	5560	5321	3.90	cps
Tin	118-1	8136	8178	8194	8169	0.37	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:08:06	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2025	1984	2825	2278	20.83	cps
Uranium	238-1	1275	1275	1509	1353	9.96	cps
Vanadium	51-2	327	377	347	350	7.19	cps
Ytterbium	172-1	183	192	150	175	12.60	cps
Ytterbium	172-2	122	83	117	107	19.58	cps
Ytterbium	176-1	2467	2325	2517	2436	4.08	cps
Ytterbium	176-2	11327	11789	12117	11744	3.38	cps
Yttrium	89-1	20963103	22082356	21715851	21587103	2.64	cps
Yttrium	89-2	2538371	2675587	2633671	2615876	2.69	cps
Zinc	66-2	3084	2784	3054	2974	5.56	cps
Zirconium	90-1	8836	9312	8728	8959	3.47	cps
Zirconium	91-1	1775	1942	1850	1856	4.50	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICV57	Instrumnet Name :	P8
Client Sample ID :	ICV57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:22:57	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52543	50532	51094	51390	2.02	cps
Antimony	121-1	1474291	1587489	1546015	1535932	3.73	cps
Arsenic	75-2	57326	55751	55505	56194	1.76	cps
Barium	135-1	201510	199990	203135	201545	0.78	cps
Barium	137-1	349568	353393	359677	354213	1.44	cps
Beryllium	9-1	427953	424205	429105	427088	0.60	cps
Bismuth	209-1	7963315	7250679	7644093	7619362	4.68	cps
Bismuth	209-2	4530899	4504703	4486193	4507265	0.50	cps
Boron	10-1	286359	303770	309161	299763	3.98	cps
Boron	11-1	1178943	1243257	1312127	1244775	5.35	cps
Bromine	81-1	81319	79198	79952	80156	1.34	cps
Cadmium	111-1	286987	282826	284902	284905	0.73	cps
Cadmium	106-1	60878	60944	62150	61324	1.17	cps
Cadmium	108-1	33662	34251	32944	33619	1.95	cps
Calcium	43-1	90883	92539	92014	91812	0.92	cps
Calcium	44-1	1426353	1452324	1445092	1441256	0.93	cps
Carbon	12-1	6621832	6621335	6733751	6658973	0.97	cps
Carbon	12-2	76231	76700	77680	76870	0.96	cps
Chlorine	35-1	708548	753590	782912	748350	5.01	cps
Chlorine	35-2	5876	5635	5985	5832	3.07	cps
Chromium	52-2	305738	296501	297383	299874	1.70	cps
Cobalt	59-2	554295	531696	536967	540986	2.19	cps
Copper	63-1	1197771	1206195	1179190	1194385	1.16	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	75	67	92	78	16.37	cps
Erbium	164-2	17	30	23	23	28.56	cps
Gadolinium	160-1	67	150	92	103	41.60	cps
Gadolinium	160-2	190	157	153	167	12.16	cps
Holmium	165-1	13346834	12793383	13437471	13192563	2.64	cps
Holmium	165-2	6812108	6850196	6572346	6744883	2.23	cps
Indium	115-1	12839427	12802923	13176786	12939712	1.59	cps
Indium	115-2	2243923	2193611	2151062	2196199	2.12	cps
Iron	54-2	286655	280173	279357	282062	1.42	cps
Iron	56-2	5195002	5015483	5117063	5109183	1.76	cps
Iron	57-2	125298	123291	123101	123897	0.98	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICV57	Instrumnet Name :	P8
Client Sample ID :	ICV57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:22:57	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	675	665	655	665	1.50	cps
Lead	206-1	1120602	1116061	1163580	1133414	2.31	cps
Lead	207-1	918434	938742	921643	926273	1.18	cps
Lead	208-1	4554514	4536207	4596172	4562297	0.67	cps
Lithium	6-1	9344640	9343910	9911699	9533416	3.44	cps
Magnesium	24-2	330556	323552	322954	325687	1.30	cps
Manganese	55-2	165863	162983	159870	162905	1.84	cps
Molybdenum	94-1	16930801	17062418	16830201	16941140	0.69	cps
Molybdenum	95-1	24342350	24343864	24267693	24317969	0.18	cps
Molybdenum	96-1	26875177	26147202	26862427	26628268	1.56	cps
Molybdenum	97-1	14784684	14866040	15071170	14907298	0.99	cps
Molybdenum	98-1	37982394	38671744	38662241	38438793	1.03	cps
Neodymium	150-1	40	33	20	31	32.73	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	160574	155766	155573	157304	1.80	cps
Phosphorus	31-2	275	225	308	269	15.57	cps
Potassium	39-2	407451	399403	387303	398053	2.55	cps
Rhodium	103-1	12627154	12170917	13148841	12648971	3.87	cps
Rhodium	103-2	6028754	5723890	5722315	5824986	3.03	cps
Scandium	45-1	11138171	10782349	11272820	11064447	2.29	cps
Scandium	45-2	364185	362607	353758	360183	1.56	cps
Selenium	82-1	47820	47447	48053	47773	0.64	cps
Selenium	77-2	1717	1667	1497	1627	7.09	cps
Selenium	78-2	5361	5248	5058	5222	2.92	cps
Silicon	28-1	5151971	5202110	5199205	5184429	0.54	cps
Silver	107-1	660965	670345	659110	663473	0.91	cps
Silver	109-1	631984	611903	628023	623970	1.70	cps
Sodium	23-2	1079584	1060854	1080481	1073640	1.03	cps
Strontium	86-1	1717670	1708963	1721842	1716158	0.38	cps
Strontium	88-1	14508900	14847834	14625653	14660796	1.17	cps
Sulfur	34-1	463220	463642	457839	461567	0.70	cps
Terbium	159-1	14091646	13759949	14033913	13961836	1.27	cps
Terbium	159-2	6504189	6553132	6482218	6513180	0.56	cps
Thallium	203-1	1390181	1419271	1432850	1414101	1.54	cps
Thallium	205-1	3426246	3552370	3533460	3504025	1.94	cps
Tin	118-1	3890093	3860975	3816563	3855877	0.96	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICV57	Instrumnet Name :	P8
Client Sample ID :	ICV57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:22:57	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8614428	8469395	8194948	8426257	2.53	cps
Uranium	238-1	10381851	10297183	10264221	10314418	0.59	cps
Vanadium	51-2	248117	241183	233783	241028	2.97	cps
Ytterbium	172-1	92	75	100	89	14.32	cps
Ytterbium	172-2	39	56	17	37	52.68	cps
Ytterbium	176-1	9287	9270	9420	9326	0.88	cps
Ytterbium	176-2	15654	16355	15676	15895	2.51	cps
Yttrium	89-1	22835793	21697956	23592126	22708625	4.20	cps
Yttrium	89-2	2663734	2635636	2574676	2624682	1.73	cps
Zinc	66-2	102001	97276	95946	98408	3.23	cps
Zirconium	90-1	8612586	8734360	8696524	8681157	0.72	cps
Zirconium	91-1	2009812	2002409	2018303	2010175	0.40	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : ICB57 Instrumnet Name : P8
 Client Sample ID : ICB57 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:25:54 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201	199	182	194	5.24	cps
Antimony	121-1	775	883	1267	975	26.50	cps
Arsenic	75-2	11	9	11	10	11.17	cps
Barium	135-1	42	42	58	47	20.37	cps
Barium	137-1	83	25	92	67	54.49	cps
Beryllium	9-1	135	104	107	115	14.78	cps
Bismuth	209-1	7664106	7550943	7549399	7588149	0.87	cps
Bismuth	209-2	4633063	4594981	4656776	4628273	0.67	cps
Boron	10-1	31526	29604	27877	29669	6.15	cps
Boron	11-1	140203	128431	117704	128779	8.74	cps
Bromine	81-1	79097	80364	78793	79418	1.05	cps
Cadmium	111-1	5659	6023	5648	5776	3.70	cps
Cadmium	106-1	8153	8595	8128	8292	3.17	cps
Cadmium	108-1	104	50	125	93	41.60	cps
Calcium	43-1	454	476	386	439	10.68	cps
Calcium	44-1	16843	16511	16573	16642	1.06	cps
Carbon	12-1	9097231	8948276	8807113	8950873	1.62	cps
Carbon	12-2	97313	97607	96551	97157	0.56	cps
Chlorine	35-1	432140	423654	415808	423867	1.93	cps
Chlorine	35-2	2884	3284	2867	3012	7.84	cps
Chromium	52-2	860	833	797	830	3.83	cps
Cobalt	59-2	87	70	70	76	12.74	cps
Copper	63-1	9508	9029	9045	9194	2.96	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	50	42	75	56	31.22	cps
Erbium	164-2	30	33	17	27	33.06	cps
Gadolinium	160-1	175	175	83	144	36.64	cps
Gadolinium	160-2	150	123	133	136	9.94	cps
Holmium	165-1	12807961	13200666	13162591	13057073	1.66	cps
Holmium	165-2	6782387	6795705	6559896	6712663	1.97	cps
Indium	115-1	13155953	13018603	13069093	13081216	0.53	cps
Indium	115-2	2306184	2234873	2222737	2254598	2.00	cps
Iron	54-2	1317	1156	1106	1193	9.25	cps
Iron	56-2	6757	6374	6507	6546	2.97	cps
Iron	57-2	161	211	211	194	14.85	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICB57	Instrumnet Name :	P8
Client Sample ID :	ICB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:25:54	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	697	646	624	656	5.76	cps
Lead	206-1	1211	1106	1378	1232	11.15	cps
Lead	207-1	967	1033	1028	1009	3.67	cps
Lead	208-1	4445	4678	4684	4602	2.96	cps
Lithium	6-1	9508028	9250624	9225960	9328204	1.67	cps
Magnesium	24-2	358	333	342	344	3.70	cps
Manganese	55-2	217	157	113	162	31.99	cps
Molybdenum	94-1	2434	2059	1925	2139	12.32	cps
Molybdenum	95-1	3342	3059	2492	2964	14.60	cps
Molybdenum	96-1	4051	3651	3359	3687	9.42	cps
Molybdenum	97-1	2142	1875	1733	1917	10.82	cps
Molybdenum	98-1	5368	4751	4267	4795	11.50	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	73	67	77	72	7.05	cps
Phosphorus	31-2	250	275	250	258	5.59	cps
Potassium	39-2	24029	24505	24029	24187	1.14	cps
Rhodium	103-1	12992763	12476723	12611099	12693529	2.11	cps
Rhodium	103-2	6149540	6095912	6015592	6087015	1.11	cps
Scandium	45-1	11393336	11027508	10821282	11080708	2.61	cps
Scandium	45-2	367329	363320	360571	363740	0.93	cps
Selenium	82-1	-5	56	70	40	98.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	106	110	112	6.44	cps
Silicon	28-1	1032586	988879	944900	988788	4.43	cps
Silver	107-1	392	417	425	411	4.22	cps
Silver	109-1	325	300	283	303	6.93	cps
Sodium	23-2	26608	26708	25322	26213	2.95	cps
Strontium	86-1	1192	1025	833	1017	17.64	cps
Strontium	88-1	1133	1242	1083	1153	7.02	cps
Sulfur	34-1	458479	466676	463087	462747	0.89	cps
Terbium	159-1	14150523	14053949	13986025	14063499	0.59	cps
Terbium	159-2	6654740	6455374	6607677	6572597	1.59	cps
Thallium	203-1	608	767	517	631	20.06	cps
Thallium	205-1	1392	1458	1333	1395	4.49	cps
Tin	118-1	8303	9606	8846	8918	7.34	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICB57	Instrumnet Name :	P8
Client Sample ID :	ICB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:25:54	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	683	758	483	642	22.16	cps
Uranium	238-1	242	100	117	153	50.68	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Ytterbium	172-1	67	58	58	61	7.87	cps
Ytterbium	172-2	17	50	22	30	60.27	cps
Ytterbium	176-1	2400	2350	2767	2506	9.08	cps
Ytterbium	176-2	11600	12184	12084	11956	2.61	cps
Yttrium	89-1	22453730	23286985	22292154	22677623	2.35	cps
Yttrium	89-2	2658041	2671342	2670793	2666725	0.28	cps
Zinc	66-2	340	303	357	333	8.19	cps
Zirconium	90-1	1108	1050	1000	1053	5.15	cps
Zirconium	91-1	175	158	233	189	20.85	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : ICSA57 Instrumnet Name : P8
 Client Sample ID : ICSA57 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:33:02 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9725745	9575454	9674129	9658442	0.79	cps
Antimony	121-1	9003	8444	8578	8675	3.36	cps
Arsenic	75-2	84	83	92	86	5.71	cps
Barium	135-1	3017	2984	2659	2887	6.86	cps
Barium	137-1	4476	5235	5168	4959	8.47	cps
Beryllium	9-1	1280	1187	1250	1239	3.81	cps
Bismuth	209-1	7285606	7630959	7188899	7368488	3.15	cps
Bismuth	209-2	4162316	4126579	4373503	4220799	3.16	cps
Boron	10-1	11833	11416	11312	11520	2.39	cps
Boron	11-1	51466	51990	51934	51796	0.55	cps
Bromine	81-1	84361	78964	83268	82197	3.47	cps
Cadmium	111-1	6943	6361	6780	6695	4.49	cps
Cadmium	106-1	8061	7636	8086	7928	3.19	cps
Cadmium	108-1	2404	2317	2150	2290	5.64	cps
Calcium	43-1	3819180	3883636	3834376	3845730	0.88	cps
Calcium	44-1	61327053	63618971	62589911	62511979	1.84	cps
Carbon	12-1	37143058	37517791	37700055	37453635	0.76	cps
Carbon	12-2	401410	399938	396885	399411	0.58	cps
Chlorine	35-1	17748706	20575308	23771468	20698494	14.56	cps
Chlorine	35-2	208547	219000	223850	217132	3.60	cps
Chromium	52-2	58148	57171	56086	57135	1.81	cps
Cobalt	59-2	5928	5978	5928	5945	0.49	cps
Copper	63-1	138288	138892	139973	139051	0.61	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	13	33	30	26	41.94	cps
Erbium	164-1	83	108	100	97	13.09	cps
Erbium	164-2	30	33	20	28	24.98	cps
Gadolinium	160-1	142	125	150	139	9.17	cps
Gadolinium	160-2	200	130	153	161	22.12	cps
Holmium	165-1	13791034	14447151	13593805	13943997	3.20	cps
Holmium	165-2	6635408	6636479	6968802	6746897	2.85	cps
Indium	115-1	13679996	13277805	12658521	13205441	3.90	cps
Indium	115-2	2117671	2084387	2176931	2126329	2.20	cps
Iron	54-2	13314912	13201562	13332713	13283063	0.54	cps
Iron	56-2	243980650	241143144	231065016	238729603	2.84	cps
Iron	57-2	6127306	6032718	5812088	5990704	2.70	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : ICSA57 Instrumnet Name : P8
 Client Sample ID : ICSA57 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:33:02 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	655	641	709	668	5.34	cps
Lead	206-1	25698	25809	26583	26030	1.85	cps
Lead	207-1	20539	20060	20567	20389	1.40	cps
Lead	208-1	97450	97456	98630	97845	0.69	cps
Lithium	6-1	9937010	9890237	9084743	9637330	4.97	cps
Magnesium	24-2	26517743	25639188	26605640	26254190	2.04	cps
Manganese	55-2	12125	11505	11568	11733	2.91	cps
Molybdenum	94-1	5490584	5512042	5331583	5444737	1.81	cps
Molybdenum	95-1	9452317	9459454	9690625	9534132	1.42	cps
Molybdenum	96-1	10214921	10360772	10511353	10362349	1.43	cps
Molybdenum	97-1	5843634	5912122	5920381	5892046	0.72	cps
Molybdenum	98-1	14732099	15182954	15328322	15081125	2.06	cps
Neodymium	150-1	27	53	100	60	61.86	cps
Neodymium	150-2	10	23	17	17	39.99	cps
Nickel	60-2	7292	7048	7095	7145	1.81	cps
Phosphorus	31-2	567980	571556	562356	567297	0.82	cps
Potassium	39-2	19137909	18740291	18327531	18735243	2.16	cps
Rhodium	103-1	12355424	12879286	12548695	12594468	2.10	cps
Rhodium	103-2	5633015	5640962	5761468	5678482	1.27	cps
Scandium	45-1	11450037	11899835	11003789	11451220	3.91	cps
Scandium	45-2	365983	371385	377717	371695	1.58	cps
Selenium	82-1	76	106	70	84	23.02	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	109	93	107	103	8.46	cps
Silicon	28-1	1161137	1135469	1132970	1143192	1.36	cps
Silver	107-1	542	425	467	478	12.38	cps
Silver	109-1	292	325	292	303	6.36	cps
Sodium	23-2	51482684	49684239	51780826	50982583	2.22	cps
Strontium	86-1	113593	113604	117257	114818	1.84	cps
Strontium	88-1	989738	994407	988865	991003	0.30	cps
Sulfur	34-1	6931244	6786982	6864965	6861064	1.05	cps
Terbium	159-1	14097902	15085324	14060423	14414550	4.03	cps
Terbium	159-2	6461488	6486999	6705033	6551173	2.04	cps
Thallium	203-1	958	925	908	931	2.74	cps
Thallium	205-1	2217	2359	2425	2334	4.56	cps
Tin	118-1	5977	6035	6377	6129	3.53	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSA57	Instrumnet Name :	P8
Client Sample ID :	ICSA57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:33:02	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3408615	3469781	3491641	3456679	1.25	cps
Uranium	238-1	308	342	483	378	24.60	cps
Vanadium	51-2	417	383	397	399	4.21	cps
Ytterbium	172-1	83	67	117	89	28.64	cps
Ytterbium	172-2	22	72	56	50	50.92	cps
Ytterbium	176-1	2225	2384	2500	2370	5.83	cps
Ytterbium	176-2	10955	11761	12261	11659	5.65	cps
Yttrium	89-1	23626335	23698605	22458187	23261042	2.99	cps
Yttrium	89-2	2576324	2653081	2681296	2636901	2.06	cps
Zinc	66-2	5554	5331	5284	5390	2.68	cps
Zirconium	90-1	1342	1175	1192	1236	7.43	cps
Zirconium	91-1	208	250	250	236	10.19	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : ICSAB57 Instrumnet Name : P8
 Client Sample ID : ICSAB57 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:36:01 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9988550	9909202	9977361	9958371	0.43	cps
Antimony	121-1	156540	159916	159854	158770	1.22	cps
Arsenic	75-2	5544	5554	5433	5510	1.22	cps
Barium	135-1	44223	44725	44458	44469	0.56	cps
Barium	137-1	74657	76225	75511	75464	1.04	cps
Beryllium	9-1	82996	83643	80654	82431	1.91	cps
Bismuth	209-1	7512772	7546155	7276165	7445031	1.98	cps
Bismuth	209-2	4207041	4215182	4253303	4225175	0.58	cps
Boron	10-1	41350	40787	41470	41202	0.89	cps
Boron	11-1	177586	185286	186866	183246	2.71	cps
Bromine	81-1	88863	84209	82991	85354	3.63	cps
Cadmium	111-1	55661	56572	55548	55927	1.00	cps
Cadmium	106-1	15351	15551	15784	15562	1.40	cps
Cadmium	108-1	6443	6585	6352	6460	1.82	cps
Calcium	43-1	3998790	4035788	4054280	4029619	0.70	cps
Calcium	44-1	63891735	65777875	63797603	64489071	1.73	cps
Carbon	12-1	38071330	39028635	38629341	38576436	1.25	cps
Carbon	12-2	403175	391484	393795	396151	1.56	cps
Chlorine	35-1	28416577	31734850	33790166	31313864	8.66	cps
Chlorine	35-2	271642	271675	282809	275375	2.34	cps
Chromium	52-2	116252	113061	114505	114606	1.39	cps
Cobalt	59-2	110046	108138	106590	108258	1.60	cps
Copper	63-1	373694	374347	374775	374272	0.15	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	30	7	20	19	61.96	cps
Erbium	164-1	83	67	83	78	12.37	cps
Erbium	164-2	50	47	3	33	78.11	cps
Gadolinium	160-1	150	125	217	164	28.92	cps
Gadolinium	160-2	160	173	113	149	21.16	cps
Holmium	165-1	13594962	14549492	14256704	14133720	3.46	cps
Holmium	165-2	6706746	6921681	6979331	6869253	2.09	cps
Indium	115-1	12882265	13277594	13225759	13128539	1.64	cps
Indium	115-2	2162007	2210426	2223962	2198798	1.48	cps
Iron	54-2	13724835	13261879	13431272	13472662	1.74	cps
Iron	56-2	247657478	238987161	237727489	241457376	2.24	cps
Iron	57-2	6199153	5939268	5983140	6040520	2.30	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSAB57	Instrumnet Name :	P8
Client Sample ID :	ICSAB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:36:01	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	721	711	687	707	2.45	cps
Lead	206-1	130316	131593	133275	131728	1.13	cps
Lead	207-1	107809	108947	108559	108438	0.53	cps
Lead	208-1	493696	512344	508201	504747	1.94	cps
Lithium	6-1	9786184	9479096	9543251	9602844	1.69	cps
Magnesium	24-2	26124347	26157658	26162741	26148249	0.08	cps
Manganese	55-2	43861	42630	41982	42824	2.23	cps
Molybdenum	94-1	6147185	6035593	6075307	6086028	0.93	cps
Molybdenum	95-1	10202233	9900998	10054773	10052668	1.50	cps
Molybdenum	96-1	10884850	10686122	10992031	10854334	1.43	cps
Molybdenum	97-1	6231341	6128136	6144078	6167851	0.90	cps
Molybdenum	98-1	15694968	15715728	15994737	15801811	1.06	cps
Neodymium	150-1	40	20	53	38	44.41	cps
Neodymium	150-2	3	10	17	10	66.70	cps
Nickel	60-2	34753	34776	33526	34352	2.08	cps
Phosphorus	31-2	588710	568089	574093	576964	1.84	cps
Potassium	39-2	18937923	19157280	18693320	18929508	1.23	cps
Rhodium	103-1	12704962	12519598	12538306	12587622	0.81	cps
Rhodium	103-2	5692857	5854706	5726585	5758050	1.48	cps
Scandium	45-1	11774898	11593289	11512800	11626995	1.15	cps
Scandium	45-2	374283	366516	376367	372389	1.39	cps
Selenium	82-1	4497	4487	4695	4560	2.58	cps
Selenium	77-2	170	170	127	156	16.08	cps
Selenium	78-2	573	612	556	580	4.95	cps
Silicon	28-1	1602145	1607857	1587495	1599166	0.66	cps
Silver	107-1	239609	241021	240689	240440	0.31	cps
Silver	109-1	228113	227337	222592	226014	1.32	cps
Sodium	23-2	51850001	52162876	51417146	51810008	0.72	cps
Strontium	86-1	292096	292874	296238	293736	0.75	cps
Strontium	88-1	2576795	2621350	2607594	2601913	0.88	cps
Sulfur	34-1	7370887	7181613	7104343	7218948	1.90	cps
Terbium	159-1	14189235	14382582	15276259	14616025	3.97	cps
Terbium	159-2	6608681	6696639	6778319	6694546	1.27	cps
Thallium	203-1	131601	130287	128968	130285	1.01	cps
Thallium	205-1	316629	315878	313983	315497	0.43	cps
Tin	118-1	392876	386358	397000	392078	1.37	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	ICSAB57	Instrumnet Name :	P8
Client Sample ID :	ICSAB57	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:36:01	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3689743	3711356	3730480	3710526	0.55	cps
Uranium	238-1	977459	985425	998700	987195	1.09	cps
Vanadium	51-2	47372	45777	45743	46297	2.01	cps
Ytterbium	172-1	83	117	92	97	17.84	cps
Ytterbium	172-2	22	56	22	33	57.75	cps
Ytterbium	176-1	3125	3067	3551	3248	8.13	cps
Ytterbium	176-2	11856	12195	12000	12017	1.42	cps
Yttrium	89-1	23646500	23670710	24031229	23782813	0.91	cps
Yttrium	89-2	2681879	2720915	2679965	2694253	0.86	cps
Zinc	66-2	14501	13884	14151	14178	2.18	cps
Zirconium	90-1	936950	916627	925016	926198	1.10	cps
Zirconium	91-1	205394	203675	208619	205896	1.22	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:38:58	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5220001	5022397	4907463	5049954	3.13	cps
Antimony	121-1	3726286	3581902	3669267	3659152	1.99	cps
Arsenic	75-2	128342	128070	125165	127192	1.38	cps
Barium	135-1	5079755	5238988	5240154	5186299	1.78	cps
Barium	137-1	8829003	8659578	8773496	8754026	0.99	cps
Beryllium	9-1	1988763	1952190	1972762	1971238	0.93	cps
Bismuth	209-1	6940565	6540115	6930284	6803655	3.36	cps
Bismuth	209-2	3908157	3888584	3904471	3900404	0.27	cps
Boron	10-1	618589	661500	655090	645059	3.59	cps
Boron	11-1	2569198	2700957	2744664	2671606	3.42	cps
Bromine	81-1	83253	81533	79076	81287	2.58	cps
Cadmium	111-1	1141371	1169677	1131673	1147574	1.72	cps
Cadmium	106-1	137879	141878	141154	140303	1.52	cps
Cadmium	108-1	91426	90772	92853	91684	1.16	cps
Calcium	43-1	10027458	9794146	9832428	9884677	1.27	cps
Calcium	44-1	160430316	151111496	156313611	155951808	2.99	cps
Carbon	12-1	8232435	8703369	8927314	8621039	4.11	cps
Carbon	12-2	108147	106569	107971	107562	0.80	cps
Chlorine	35-1	8573201	7726467	7535884	7945184	6.95	cps
Chlorine	35-2	50305	48540	45689	48178	4.83	cps
Chromium	52-2	1494308	1547282	1538116	1526569	1.85	cps
Cobalt	59-2	2638561	2586825	2558893	2594760	1.56	cps
Copper	63-1	62220276	61350557	59796533	61122455	2.01	cps
Dysprosium	156-1	775	683	750	736	6.44	cps
Dysprosium	156-2	250	197	183	210	16.80	cps
Erbium	164-1	75	167	125	122	37.55	cps
Erbium	164-2	60	57	53	57	5.89	cps
Gadolinium	160-1	525	425	433	461	12.03	cps
Gadolinium	160-2	343	313	293	317	7.95	cps
Holmium	165-1	13989476	13409978	13480050	13626501	2.32	cps
Holmium	165-2	6529178	6751668	6424074	6568307	2.55	cps
Indium	115-1	12253938	12294377	11691226	12079847	2.79	cps
Indium	115-2	2028669	2116688	2051770	2065709	2.21	cps
Iron	54-2	17427029	16728089	17118130	17091083	2.05	cps
Iron	56-2	303822296	307774007	307157374	306251225	0.69	cps
Iron	57-2	7796878	7644292	7415762	7618977	2.52	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:38:58	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	665	711	737	705	5.21	cps
Lead	206-1	14214277	13167408	13748927	13710204	3.83	cps
Lead	207-1	11874565	11274531	11620790	11589962	2.60	cps
Lead	208-1	55034503	51864412	54063245	53654053	3.03	cps
Lithium	6-1	9217081	8874968	9015694	9035914	1.90	cps
Magnesium	24-2	66898391	68117191	64854001	66623195	2.47	cps
Manganese	55-2	8175321	8073308	8084604	8111078	0.69	cps
Molybdenum	94-1	17428321	18037960	18190636	17885639	2.26	cps
Molybdenum	95-1	25237664	25808544	25469544	25505251	1.13	cps
Molybdenum	96-1	27063650	28287239	27446949	27599279	2.27	cps
Molybdenum	97-1	15057901	15477828	15370398	15302042	1.43	cps
Molybdenum	98-1	40604451	41158700	39871614	40544922	1.59	cps
Neodymium	150-1	547	440	433	473	13.44	cps
Neodymium	150-2	43	47	40	43	7.70	cps
Nickel	60-2	675133	668104	660020	667753	1.13	cps
Phosphorus	31-2	57582	60017	57423	58340	2.49	cps
Potassium	39-2	24668930	23798114	23248741	23905261	3.00	cps
Rhodium	103-1	11513586	11760618	11400349	11558184	1.59	cps
Rhodium	103-2	5409189	5277428	5270900	5319172	1.47	cps
Scandium	45-1	11107562	11209454	11148388	11155134	0.46	cps
Scandium	45-2	352570	359262	366917	359583	2.00	cps
Selenium	82-1	107483	107372	106678	107178	0.41	cps
Selenium	77-2	3384	3247	3237	3289	2.49	cps
Selenium	78-2	11266	11240	11178	11228	0.40	cps
Silicon	28-1	45864650	45598544	44251733	45238309	1.91	cps
Silver	107-1	6177609	6191560	6014520	6127896	1.61	cps
Silver	109-1	5724333	5844860	5755931	5775041	1.08	cps
Sodium	23-2	130259178	128444449	126576861	128426829	1.43	cps
Strontium	86-1	42779778	42418095	44088542	43095471	2.04	cps
Strontium	88-1	373792575	368273167	365599217	369221653	1.13	cps
Sulfur	34-1	1175106	1188935	1130658	1164900	2.61	cps
Terbium	159-1	14087458	14234911	14087313	14136560	0.60	cps
Terbium	159-2	6442527	6578333	6444334	6488398	1.20	cps
Thallium	203-1	3400955	3351926	3287092	3346658	1.71	cps
Thallium	205-1	7805313	7700532	7771153	7758999	0.69	cps
Tin	118-1	3771836	3877544	3860136	3836505	1.48	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:38:58	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8876844	9086179	8793790	8918938	1.69	cps
Uranium	238-1	9923677	9422496	10351938	9899370	4.70	cps
Vanadium	51-2	1180364	1236447	1164619	1193810	3.16	cps
Ytterbium	172-1	175	183	125	161	19.58	cps
Ytterbium	172-2	61	61	133	85	48.95	cps
Ytterbium	176-1	10621	10504	10304	10477	1.53	cps
Ytterbium	176-2	14925	15587	14820	15111	2.75	cps
Yttrium	89-1	22052160	23113337	23046348	22737282	2.61	cps
Yttrium	89-2	2575842	2603358	2610300	2596500	0.70	cps
Zinc	66-2	2299726	2305350	2349092	2318056	1.17	cps
Zirconium	90-1	8852302	9278299	9154133	9094911	2.41	cps
Zirconium	91-1	2067685	2125973	2107243	2100300	1.42	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P8
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:47:13 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206	214	166	195	13.07	cps
Antimony	121-1	350	442	633	475	30.44	cps
Arsenic	75-2	6	4	11	7	51.51	cps
Barium	135-1	58	133	50	81	56.98	cps
Barium	137-1	100	108	67	92	24.05	cps
Beryllium	9-1	86	157	94	112	34.80	cps
Bismuth	209-1	8180670	7903704	7931125	8005166	1.91	cps
Bismuth	209-2	4726929	4727421	4631624	4695325	1.17	cps
Boron	10-1	14897	15599	14735	15077	3.05	cps
Boron	11-1	67997	66979	66471	67149	1.16	cps
Bromine	81-1	83523	87060	85671	85418	2.09	cps
Cadmium	111-1	5886	6000	5727	5871	2.34	cps
Cadmium	106-1	8369	8511	8128	8336	2.33	cps
Cadmium	108-1	8	17	29	18	58.09	cps
Calcium	43-1	467	512	440	473	7.73	cps
Calcium	44-1	17391	18710	17198	17767	4.63	cps
Carbon	12-1	8960949	8972199	8989517	8974222	0.16	cps
Carbon	12-2	96593	94789	95410	95597	0.96	cps
Chlorine	35-1	2054137	2034781	2015143	2034687	0.96	cps
Chlorine	35-2	14057	13231	12656	13315	5.29	cps
Chromium	52-2	967	923	857	916	6.05	cps
Cobalt	59-2	53	73	90	72	25.42	cps
Copper	63-1	17069	17653	16338	17020	3.87	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	100	83	92	92	9.09	cps
Gadolinium	160-2	127	150	160	146	11.75	cps
Holmium	165-1	13428518	13919838	13855463	13734606	1.94	cps
Holmium	165-2	6964997	7015886	6574267	6851717	3.53	cps
Indium	115-1	13718118	13788871	13501853	13669614	1.09	cps
Indium	115-2	2289781	2283260	2227073	2266705	1.52	cps
Iron	54-2	1189	1195	1189	1191	0.27	cps
Iron	56-2	6768	7591	7185	7182	5.73	cps
Iron	57-2	267	217	211	231	13.22	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:47:13	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	699	670	705	691	2.70	cps
Lead	206-1	1339	1550	1250	1380	11.17	cps
Lead	207-1	1367	1400	1139	1302	10.92	cps
Lead	208-1	5584	6162	5345	5697	7.37	cps
Lithium	6-1	9459773	9639521	9339465	9479587	1.59	cps
Magnesium	24-2	433	500	383	439	13.34	cps
Manganese	55-2	193	210	183	196	6.89	cps
Molybdenum	94-1	775	942	708	808	14.87	cps
Molybdenum	95-1	1067	992	675	911	22.82	cps
Molybdenum	96-1	1258	1275	867	1133	20.39	cps
Molybdenum	97-1	583	592	408	528	19.62	cps
Molybdenum	98-1	1592	1642	1108	1447	20.35	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	60	80	107	82	28.48	cps
Phosphorus	31-2	308	292	225	275	16.04	cps
Potassium	39-2	25531	25097	25431	25353	0.90	cps
Rhodium	103-1	13657299	13705274	12991428	13451333	2.97	cps
Rhodium	103-2	6078689	6072038	5989092	6046607	0.83	cps
Scandium	45-1	11508603	11538273	11570089	11538988	0.27	cps
Scandium	45-2	379063	376939	377198	377733	0.31	cps
Selenium	82-1	75	54	-16	38	127.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	122	115	119	3.03	cps
Silicon	28-1	885398	898595	906274	896756	1.18	cps
Silver	107-1	533	417	475	475	12.28	cps
Silver	109-1	417	475	358	417	14.00	cps
Sodium	23-2	32888	32228	31986	32367	1.44	cps
Strontium	86-1	1208	1575	1417	1400	13.14	cps
Strontium	88-1	1508	3876	1458	2281	60.57	cps
Sulfur	34-1	471381	467070	467385	468612	0.51	cps
Terbium	159-1	14011121	14548168	14652447	14403912	2.39	cps
Terbium	159-2	6982831	6902172	6713464	6866156	2.01	cps
Thallium	203-1	750	900	783	811	9.71	cps
Thallium	205-1	2184	2184	2075	2147	2.91	cps
Tin	118-1	8678	8653	8970	8767	2.01	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:47:13	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608	417	467	497	20.00	cps
Uranium	238-1	17	142	25	61	114.36	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Ytterbium	172-1	58	75	108	81	31.61	cps
Ytterbium	172-2	56	33	28	39	37.80	cps
Ytterbium	176-1	2509	2392	2342	2414	3.54	cps
Ytterbium	176-2	12072	12234	12267	12191	0.85	cps
Yttrium	89-1	23612964	23142925	23866939	23540943	1.56	cps
Yttrium	89-2	2754307	2802349	2711809	2756155	1.64	cps
Zinc	66-2	353	250	347	317	18.26	cps
Zirconium	90-1	1033	967	1008	1003	3.36	cps
Zirconium	91-1	175	200	175	183	7.87	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:50:18	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2509	2430	2307	2415	4.20	cps
Antimony	121-1	15492	15184	15943	15540	2.46	cps
Arsenic	75-2	322	293	345	320	8.14	cps
Barium	135-1	20933	20174	20666	20591	1.87	cps
Barium	137-1	35606	36934	34679	35740	3.17	cps
Beryllium	9-1	4789	4603	4745	4712	2.07	cps
Bismuth	209-1	7490824	7753757	7718655	7654412	1.86	cps
Bismuth	209-2	4489919	4533323	4609350	4544198	1.33	cps
Boron	10-1	26180	26813	26603	26532	1.22	cps
Boron	11-1	115736	116657	121802	118065	2.77	cps
Bromine	81-1	86365	88199	83023	85863	3.06	cps
Cadmium	111-1	9115	8643	8680	8812	2.98	cps
Cadmium	106-1	9253	8653	8728	8878	3.68	cps
Cadmium	108-1	263	271	288	274	4.65	cps
Calcium	43-1	21080	21543	21303	21309	1.09	cps
Calcium	44-1	352680	356807	349744	353077	1.00	cps
Carbon	12-1	7508549	7625626	7974578	7702918	3.15	cps
Carbon	12-2	91855	92306	92054	92072	0.25	cps
Chlorine	35-1	1735194	1729230	1699625	1721350	1.11	cps
Chlorine	35-2	12147	11622	11722	11830	2.36	cps
Chromium	52-2	7552	7625	7752	7643	1.32	cps
Cobalt	59-2	5558	5441	5551	5517	1.19	cps
Copper	63-1	38673	38336	38583	38530	0.45	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	125	92	217	144	44.81	cps
Gadolinium	160-2	153	123	137	138	10.91	cps
Holmium	165-1	13552438	13758711	13893249	13734799	1.25	cps
Holmium	165-2	6443636	6620243	6414414	6492764	1.72	cps
Indium	115-1	13379882	13219522	13437853	13345752	0.85	cps
Indium	115-2	2081064	2236986	2231462	2183171	4.05	cps
Iron	54-2	9337	9014	8764	9038	3.18	cps
Iron	56-2	146097	142101	139419	142539	2.36	cps
Iron	57-2	3701	3628	3573	3634	1.76	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:50:18	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	624	711	680	672	6.60	cps
Lead	206-1	6819	6808	6946	6858	1.13	cps
Lead	207-1	5907	6191	6113	6070	2.41	cps
Lead	208-1	27362	27840	28330	27844	1.74	cps
Lithium	6-1	9535312	9309855	9758775	9534648	2.35	cps
Magnesium	24-2	150221	150115	147051	149129	1.21	cps
Manganese	55-2	2270	2294	2204	2256	2.07	cps
Molybdenum	94-1	21709	21868	21459	21679	0.95	cps
Molybdenum	95-1	26393	26952	25850	26398	2.09	cps
Molybdenum	96-1	29724	29557	29223	29502	0.86	cps
Molybdenum	97-1	16093	16460	16060	16204	1.37	cps
Molybdenum	98-1	42299	41479	40736	41505	1.88	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	1990	2050	1907	1982	3.63	cps
Phosphorus	31-2	500	433	392	442	12.37	cps
Potassium	39-2	124568	126560	124999	125376	0.84	cps
Rhodium	103-1	13206248	13385262	13309815	13300441	0.68	cps
Rhodium	103-2	5801025	5936479	5988077	5908527	1.64	cps
Scandium	45-1	11314293	11338208	11389336	11347279	0.34	cps
Scandium	45-2	353995	366453	370565	363671	2.37	cps
Selenium	82-1	1192	1255	1209	1219	2.66	cps
Selenium	77-2	40	50	50	47	12.37	cps
Selenium	78-2	216	251	213	227	9.32	cps
Silicon	28-1	1003686	1023667	1014007	1013787	0.99	cps
Silver	107-1	14483	15000	13716	14400	4.49	cps
Silver	109-1	13357	12965	13657	13326	2.61	cps
Sodium	23-2	302208	293111	296958	297426	1.54	cps
Strontium	86-1	4551	4568	4709	4609	1.89	cps
Strontium	88-1	31277	31704	31887	31623	0.99	cps
Sulfur	34-1	484394	484021	473504	480640	1.29	cps
Terbium	159-1	14119915	14227858	14321131	14222968	0.71	cps
Terbium	159-2	6578662	6462437	6573570	6538223	1.00	cps
Thallium	203-1	7486	7319	7461	7422	1.21	cps
Thallium	205-1	18021	17763	17329	17704	1.98	cps
Tin	118-1	283889	291100	289424	288138	1.31	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:50:18	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9303	9779	9870	9651	3.15	cps
Uranium	238-1	18381	19950	17913	18748	5.69	cps
Vanadium	51-2	12442	11992	12085	12173	1.95	cps
Ytterbium	172-1	75	75	58	69	13.85	cps
Ytterbium	172-2	17	39	50	35	48.23	cps
Ytterbium	176-1	2809	2609	2692	2703	3.72	cps
Ytterbium	176-2	10855	11316	12028	11400	5.19	cps
Yttrium	89-1	23098074	23463544	22925282	23162300	1.19	cps
Yttrium	89-2	2571314	2622635	2633521	2609157	1.27	cps
Zinc	66-2	2030	1753	1900	1895	7.31	cps
Zirconium	90-1	18771	19230	18830	18944	1.32	cps
Zirconium	91-1	4359	4401	4051	4270	4.48	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BL	Instrumnet Name :	P8
Client Sample ID :	PB146947BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:53:26	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201	190	204	198	3.69	cps
Antimony	121-1	142	133	200	158	22.94	cps
Arsenic	75-2	1	2	6	3	88.19	cps
Barium	135-1	92	17	17	42	103.91	cps
Barium	137-1	92	75	67	78	16.37	cps
Beryllium	9-1	72	111	77	87	24.21	cps
Bismuth	209-1	7962885	8106929	7882615	7984143	1.42	cps
Bismuth	209-2	4705286	4673333	4825407	4734675	1.69	cps
Boron	10-1	10522	10318	9919	10253	2.99	cps
Boron	11-1	46370	45107	43963	45147	2.67	cps
Bromine	81-1	89217	89559	89481	89419	0.20	cps
Cadmium	111-1	6529	6201	6096	6275	3.60	cps
Cadmium	106-1	9312	8870	8636	8939	3.84	cps
Cadmium	108-1	50	71	29	50	41.66	cps
Calcium	43-1	446	432	460	446	3.08	cps
Calcium	44-1	17080	16904	16605	16863	1.42	cps
Carbon	12-1	9456025	9254279	8970344	9226883	2.64	cps
Carbon	12-2	100477	97950	96241	98223	2.17	cps
Chlorine	35-1	1295291	1267307	1204474	1255691	3.70	cps
Chlorine	35-2	8836	8711	8603	8717	1.34	cps
Chromium	52-2	863	933	823	873	6.38	cps
Cobalt	59-2	80	50	57	62	25.32	cps
Copper	63-1	10768	10482	10823	10691	1.71	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	100	67	81	21.53	cps
Erbium	164-2	17	30	33	27	33.06	cps
Gadolinium	160-1	108	100	100	103	4.68	cps
Gadolinium	160-2	157	157	127	147	11.81	cps
Holmium	165-1	14002969	14328585	13745597	14025717	2.08	cps
Holmium	165-2	6821565	6986886	7213773	7007408	2.81	cps
Indium	115-1	14003636	13996606	13825331	13941858	0.72	cps
Indium	115-2	2305023	2289131	2370367	2321507	1.85	cps
Iron	54-2	1383	1106	1417	1302	13.12	cps
Iron	56-2	6902	6518	7096	6839	4.30	cps
Iron	57-2	189	239	194	207	13.21	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BL	Instrumnet Name :	P8
Client Sample ID :	PB146947BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:53:26	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	714	661	685	687	3.83	cps
Lead	206-1	1072	1172	1245	1163	7.44	cps
Lead	207-1	972	1028	945	982	4.32	cps
Lead	208-1	4495	4623	4762	4626	2.88	cps
Lithium	6-1	9992642	9865833	9733475	9863983	1.31	cps
Magnesium	24-2	433	367	325	375	14.57	cps
Manganese	55-2	220	160	200	193	15.80	cps
Molybdenum	94-1	533	467	433	478	10.66	cps
Molybdenum	95-1	283	267	233	261	9.75	cps
Molybdenum	96-1	517	525	575	539	5.86	cps
Molybdenum	97-1	142	133	150	142	5.88	cps
Molybdenum	98-1	450	575	442	489	15.28	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	70	57	90	72	23.23	cps
Phosphorus	31-2	283	308	275	289	6.01	cps
Potassium	39-2	25206	25448	25406	25353	0.51	cps
Rhodium	103-1	13734079	13992750	13440511	13722447	2.01	cps
Rhodium	103-2	6332025	6160375	6224680	6239027	1.39	cps
Scandium	45-1	11999719	12061501	11890474	11983898	0.72	cps
Scandium	45-2	381531	366493	383809	377278	2.49	cps
Selenium	82-1	9	39	16	21	73.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	106	102	110	106	3.77	cps
Silicon	28-1	919604	884206	906397	903402	1.98	cps
Silver	107-1	525	408	275	403	31.06	cps
Silver	109-1	225	300	242	256	15.41	cps
Sodium	23-2	27552	27485	27576	27538	0.17	cps
Strontium	86-1	1275	1117	1108	1167	8.05	cps
Strontium	88-1	1108	1158	1000	1089	7.43	cps
Sulfur	34-1	488331	501292	496575	495399	1.32	cps
Terbium	159-1	14724941	14892557	14461059	14692853	1.48	cps
Terbium	159-2	6779560	6804488	7068873	6884307	2.33	cps
Thallium	203-1	742	700	783	742	5.62	cps
Thallium	205-1	1900	1700	1734	1778	6.03	cps
Tin	118-1	8503	9120	9337	8987	4.82	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BL	Instrumnet Name :	P8
Client Sample ID :	PB146947BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:53:26	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	458	617	514	17.34	cps
Uranium	238-1	25	17	8	17	50.01	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Ytterbium	172-1	50	58	50	53	9.11	cps
Ytterbium	172-2	28	44	33	35	24.12	cps
Ytterbium	176-1	2692	2600	2500	2598	3.69	cps
Ytterbium	176-2	11761	11889	12517	12056	3.36	cps
Yttrium	89-1	24586611	23128896	23635924	23783810	3.11	cps
Yttrium	89-2	2715738	2733166	2828084	2758996	2.19	cps
Zinc	66-2	310	323	273	302	8.57	cps
Zirconium	90-1	1017	1050	917	995	6.98	cps
Zirconium	91-1	208	92	200	167	39.05	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : PB146947BS Instrumnet Name : P8
 Client Sample ID : PB146947BS Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 16:56:31 DataFile Name : 021LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1038887	1018127	988038	1015017	2.52	cps
Antimony	121-1	3950912	3889903	3839010	3893275	1.44	cps
Arsenic	75-2	140510	138950	135542	138334	1.84	cps
Barium	135-1	5380619	5197975	5044339	5207644	3.23	cps
Barium	137-1	8984503	8930273	8810407	8908394	1.00	cps
Beryllium	9-1	2146940	2099505	2123930	2123458	1.12	cps
Bismuth	209-1	7458223	7622242	7549985	7543483	1.09	cps
Bismuth	209-2	4188335	4380225	4537561	4368707	4.00	cps
Boron	10-1	295117	315329	316516	308987	3.89	cps
Boron	11-1	1246254	1330215	1350160	1308876	4.21	cps
Bromine	81-1	89603	83790	85954	86449	3.40	cps
Cadmium	111-1	1273183	1258264	1241359	1257602	1.27	cps
Cadmium	106-1	149634	148667	146486	148263	1.09	cps
Cadmium	108-1	98241	97321	97027	97530	0.65	cps
Calcium	43-1	2572982	2499602	2448289	2506958	2.50	cps
Calcium	44-1	35983707	36366331	36333543	36227860	0.59	cps
Carbon	12-1	9409205	9979084	10297688	9895326	4.55	cps
Carbon	12-2	117267	118149	117569	117661	0.38	cps
Chlorine	35-1	1050582	1035928	1015045	1033852	1.73	cps
Chlorine	35-2	6977	6977	7535	7163	4.50	cps
Chromium	52-2	1545910	1495936	1546915	1529587	1.91	cps
Cobalt	59-2	2746260	2735144	2710366	2730590	0.67	cps
Copper	63-1	66164174	66107790	64162136	65478033	1.74	cps
Dysprosium	156-1	175	225	183	194	13.78	cps
Dysprosium	156-2	63	97	70	77	23.01	cps
Erbium	164-1	83	42	75	67	33.07	cps
Erbium	164-2	47	33	27	36	28.64	cps
Gadolinium	160-1	150	225	183	186	20.19	cps
Gadolinium	160-2	153	273	190	206	29.92	cps
Holmium	165-1	13996403	13714794	13337790	13682996	2.42	cps
Holmium	165-2	6319913	6782479	6868871	6657088	4.43	cps
Indium	115-1	13787518	13319572	13212050	13439713	2.28	cps
Indium	115-2	1988843	2205343	2232242	2142143	6.23	cps
Iron	54-2	3658365	3597856	3584650	3613624	1.09	cps
Iron	56-2	64445158	63266222	63036364	63582582	1.19	cps
Iron	57-2	1692241	1612917	1584136	1629765	3.44	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BS	Instrumnet Name :	P8
Client Sample ID :	PB146947BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:56:31	DataFile Name :	021LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	719	680	665	688	4.03	cps
Lead	206-1	13626956	13902514	13588127	13705865	1.25	cps
Lead	207-1	11891580	11819001	12040710	11917097	0.95	cps
Lead	208-1	54802484	54772954	55286755	54954064	0.52	cps
Lithium	6-1	9678229	9744492	9689289	9704003	0.37	cps
Magnesium	24-2	14356460	14280600	13511027	14049362	3.33	cps
Manganese	55-2	8386313	8025975	7962069	8124786	2.82	cps
Molybdenum	94-1	18533776	17928981	17772130	18078296	2.22	cps
Molybdenum	95-1	26189430	25971583	25225952	25795655	1.96	cps
Molybdenum	96-1	28856839	28490357	26859235	28068810	3.79	cps
Molybdenum	97-1	15723885	15918755	14917547	15520062	3.42	cps
Molybdenum	98-1	40178547	40432912	39838071	40149843	0.74	cps
Neodymium	150-1	420	447	427	431	3.22	cps
Neodymium	150-2	23	23	7	18	54.11	cps
Nickel	60-2	709198	693750	686480	696476	1.67	cps
Phosphorus	31-2	64110	62644	60042	62265	3.31	cps
Potassium	39-2	5049819	4910312	4943206	4967779	1.47	cps
Rhodium	103-1	12993756	12835555	12748539	12859283	0.97	cps
Rhodium	103-2	5450741	6026898	6119278	5865639	6.18	cps
Scandium	45-1	11943034	11807949	11653020	11801335	1.23	cps
Scandium	45-2	342287	370578	373113	361993	4.73	cps
Selenium	82-1	119280	116606	116787	117558	1.27	cps
Selenium	77-2	3714	3537	3724	3658	2.87	cps
Selenium	78-2	12592	12440	12415	12482	0.77	cps
Silicon	28-1	7231836	7684073	7943539	7619816	4.73	cps
Silver	107-1	6582596	6367700	6467317	6472538	1.66	cps
Silver	109-1	6308858	6338412	5968975	6205415	3.31	cps
Sodium	23-2	27136130	25858960	25777924	26257671	2.90	cps
Strontium	86-1	44157434	44175556	43290267	43874419	1.15	cps
Strontium	88-1	383640317	373575750	363343066	373519711	2.72	cps
Sulfur	34-1	1214929	1184933	1198725	1199529	1.25	cps
Terbium	159-1	15404165	14429726	14275092	14702995	4.16	cps
Terbium	159-2	6390154	6687168	6697679	6591667	2.65	cps
Thallium	203-1	3423573	3255523	3340376	3339824	2.52	cps
Thallium	205-1	8060340	7833649	7879229	7924406	1.51	cps
Tin	118-1	4034936	3989248	3846083	3956756	2.49	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	PB146947BS	Instrumnet Name :	P8
Client Sample ID :	PB146947BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 16:56:31	DataFile Name :	021LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9243419	8830622	9066243	9046762	2.29	cps
Uranium	238-1	9703570	9320467	9513300	9512446	2.01	cps
Vanadium	51-2	1182841	1162732	1156146	1167240	1.19	cps
Ytterbium	172-1	75	92	33	67	45.07	cps
Ytterbium	172-2	50	44	44	46	6.92	cps
Ytterbium	176-1	9887	10029	10213	10043	1.62	cps
Ytterbium	176-2	14708	16182	15771	15554	4.89	cps
Yttrium	89-1	24750703	24128841	23804244	24227929	1.99	cps
Yttrium	89-2	2440257	2717336	2764095	2640563	6.63	cps
Zinc	66-2	2593643	2492790	2518025	2534820	2.07	cps
Zirconium	90-1	9275005	8937872	8976215	9063030	2.04	cps
Zirconium	91-1	2130349	2038231	2018309	2062296	2.90	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:08:39	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3355	1597	1596	2183	46.50	cps
Antimony	121-1	1492	1442	1558	1497	3.91	cps
Arsenic	75-2	169	82	84	112	44.48	cps
Barium	135-1	49174	49592	49107	49291	0.53	cps
Barium	137-1	83123	88532	84708	85454	3.25	cps
Beryllium	9-1	81	100	106	96	13.58	cps
Bismuth	209-1	7768006	7986162	7988840	7914336	1.60	cps
Bismuth	209-2	4795150	4544973	4666178	4668767	2.68	cps
Boron	10-1	17059	16854	17395	17103	1.60	cps
Boron	11-1	75553	78948	79654	78052	2.81	cps
Bromine	81-1	158434	164669	159575	160893	2.06	cps
Cadmium	111-1	5706	5383	5788	5626	3.80	cps
Cadmium	106-1	8153	7644	8286	8028	4.22	cps
Cadmium	108-1	79	67	71	72	8.81	cps
Calcium	43-1	859691	864089	862511	862097	0.26	cps
Calcium	44-1	13869845	13951230	14154035	13991703	1.05	cps
Carbon	12-1	16679021	18220264	18892245	17930510	6.33	cps
Carbon	12-2	218925	218255	224279	220486	1.50	cps
Chlorine	35-1	2098775	2223709	2327069	2216518	5.16	cps
Chlorine	35-2	18329	19005	19005	18779	2.08	cps
Chromium	52-2	3317	3154	3054	3175	4.19	cps
Cobalt	59-2	1952	267	217	812	121.69	cps
Copper	63-1	503514	500715	492336	498855	1.17	cps
Dysprosium	156-1	17	25	67	36	74.18	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	75	67	25	56	48.22	cps
Erbium	164-2	27	23	17	22	22.91	cps
Gadolinium	160-1	142	83	92	106	29.89	cps
Gadolinium	160-2	157	137	173	156	11.80	cps
Holmium	165-1	13609378	14184372	13732159	13841970	2.19	cps
Holmium	165-2	7110498	6858545	6904373	6957805	1.93	cps
Indium	115-1	13067759	13395463	13454955	13306059	1.57	cps
Indium	115-2	2367142	2229871	2219674	2272229	3.62	cps
Iron	54-2	9603	6352	6563	7506	24.24	cps
Iron	56-2	228204	96844	93724	139591	54.99	cps
Iron	57-2	7950	3878	4062	5297	43.42	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:08:39	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	625	682	624	644	5.21	cps
Lead	206-1	2806	2589	2561	2652	5.05	cps
Lead	207-1	2089	2095	2100	2095	0.27	cps
Lead	208-1	10180	9724	9746	9883	2.60	cps
Lithium	6-1	9648619	9429861	9701100	9593193	1.50	cps
Magnesium	24-2	2067844	2009894	2029336	2035692	1.45	cps
Manganese	55-2	3892	2340	2260	2831	32.49	cps
Molybdenum	94-1	1542	1475	1542	1520	2.53	cps
Molybdenum	95-1	2292	2009	2134	2145	6.62	cps
Molybdenum	96-1	2659	2384	2650	2564	6.10	cps
Molybdenum	97-1	1425	1200	1458	1361	10.32	cps
Molybdenum	98-1	3667	3392	3392	3484	4.56	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	60619	60291	59665	60191	0.81	cps
Phosphorus	31-2	7369	7110	6602	7027	5.55	cps
Potassium	39-2	294873	285660	285868	288801	1.82	cps
Rhodium	103-1	13134122	13187831	13213539	13178497	0.31	cps
Rhodium	103-2	6267929	6058753	6085673	6137452	1.85	cps
Scandium	45-1	11645344	12000632	11927960	11857979	1.58	cps
Scandium	45-2	391824	375267	377598	381563	2.35	cps
Selenium	82-1	211	155	150	172	19.76	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	117	131	106	118	10.62	cps
Silicon	28-1	31257958	31152387	30576404	30995583	1.18	cps
Silver	107-1	258	208	208	225	12.83	cps
Silver	109-1	83	133	192	136	39.83	cps
Sodium	23-2	24198114	23929257	23926855	24018075	0.65	cps
Strontium	86-1	308418	297279	302215	302637	1.84	cps
Strontium	88-1	2708421	2674204	2671279	2684635	0.77	cps
Sulfur	34-1	800167	798337	784122	794209	1.11	cps
Terbium	159-1	14325012	14345247	14712067	14460775	1.51	cps
Terbium	159-2	6905366	6856022	6721694	6827694	1.39	cps
Thallium	203-1	475	517	517	503	4.78	cps
Thallium	205-1	1467	1483	1225	1392	10.39	cps
Tin	118-1	12589	12715	12139	12481	2.43	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:08:39	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2692	2567	2350	2536	6.82	cps
Uranium	238-1	492	450	450	464	5.19	cps
Vanadium	51-2	743	467	470	560	28.36	cps
Ytterbium	172-1	100	92	100	97	4.95	cps
Ytterbium	172-2	44	72	50	56	26.45	cps
Ytterbium	176-1	2384	2267	2375	2342	2.78	cps
Ytterbium	176-2	12812	12834	13118	12921	1.32	cps
Yttrium	89-1	24086622	24478571	24188906	24251367	0.84	cps
Yttrium	89-2	2899730	2673972	2736779	2770160	4.21	cps
Zinc	66-2	66957	62846	62324	64042	3.96	cps
Zirconium	90-1	975	1092	1075	1047	6.03	cps
Zirconium	91-1	242	158	258	219	24.41	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-02	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-BS1	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:11:42	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1821	1739	1716	1759	3.14	cps
Antimony	121-1	1275	1217	1417	1303	7.90	cps
Arsenic	75-2	64	73	71	69	6.82	cps
Barium	135-1	50094	50964	51349	50802	1.27	cps
Barium	137-1	87316	90881	90101	89433	2.10	cps
Beryllium	9-1	107	97	96	100	6.14	cps
Bismuth	209-1	7806430	7499032	7705834	7670432	2.04	cps
Bismuth	209-2	4711869	4500524	4525873	4579422	2.52	cps
Boron	10-1	17153	16872	17057	17027	0.84	cps
Boron	11-1	71766	74928	76865	74520	3.45	cps
Bromine	81-1	155132	162613	165399	161048	3.30	cps
Cadmium	111-1	6119	5799	6038	5986	2.78	cps
Cadmium	106-1	8720	8211	8620	8517	3.16	cps
Cadmium	108-1	79	75	71	75	5.56	cps
Calcium	43-1	879478	879352	874852	877894	0.30	cps
Calcium	44-1	14249733	14304929	14260295	14271652	0.21	cps
Carbon	12-1	16495610	17806619	18075384	17459204	4.84	cps
Carbon	12-2	201867	202456	208422	204248	1.78	cps
Chlorine	35-1	2690829	2890353	2993110	2858097	5.38	cps
Chlorine	35-2	23995	23595	25122	24238	3.27	cps
Chromium	52-2	5491	5468	4994	5318	5.27	cps
Cobalt	59-2	660	657	607	641	4.66	cps
Copper	63-1	580631	579531	581261	580474	0.15	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	50	67	100	72	35.25	cps
Erbium	164-2	20	27	37	28	30.20	cps
Gadolinium	160-1	150	200	92	147	36.83	cps
Gadolinium	160-2	203	173	163	180	11.56	cps
Holmium	165-1	14540793	13856928	13748419	14048713	3.06	cps
Holmium	165-2	6916140	6776457	6674568	6789055	1.79	cps
Indium	115-1	13824529	13093294	13616547	13511456	2.79	cps
Indium	115-2	2304514	2238627	2201819	2248320	2.31	cps
Iron	54-2	7913	7936	7819	7889	0.79	cps
Iron	56-2	128783	125886	129171	127947	1.40	cps
Iron	57-2	4762	4740	4923	4808	2.08	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-02	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-BS1	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:11:42	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	705	712	651	690	4.84	cps
Lead	206-1	3178	3184	3256	3206	1.35	cps
Lead	207-1	2750	2539	2578	2623	4.29	cps
Lead	208-1	12625	12325	12636	12529	1.41	cps
Lithium	6-1	9859479	10019132	9469331	9782647	2.89	cps
Magnesium	24-2	2126371	2112690	2136738	2125266	0.57	cps
Manganese	55-2	3204	3107	2964	3091	3.91	cps
Molybdenum	94-1	1358	1358	1759	1492	15.48	cps
Molybdenum	95-1	2250	2017	2042	2103	6.09	cps
Molybdenum	96-1	2609	2292	2400	2434	6.61	cps
Molybdenum	97-1	1283	1250	992	1175	13.59	cps
Molybdenum	98-1	3401	3284	3175	3287	3.43	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	34766	34535	33720	34340	1.60	cps
Phosphorus	31-2	7394	7110	6802	7102	4.17	cps
Potassium	39-2	301463	302497	303039	302333	0.26	cps
Rhodium	103-1	13419903	13099103	13426373	13315126	1.41	cps
Rhodium	103-2	6174884	6121396	6211116	6169132	0.73	cps
Scandium	45-1	12236163	11598973	11479046	11771394	3.46	cps
Scandium	45-2	380307	377180	374441	377309	0.78	cps
Selenium	82-1	40	69	157	89	69.01	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	110	102	104	105	3.95	cps
Silicon	28-1	30459458	31362603	31407709	31076590	1.72	cps
Silver	107-1	283	200	242	242	17.24	cps
Silver	109-1	117	175	100	131	30.17	cps
Sodium	23-2	25745591	25524794	25836696	25702360	0.62	cps
Strontium	86-1	315831	324350	316059	318747	1.52	cps
Strontium	88-1	2875448	2857978	2760421	2831282	2.19	cps
Sulfur	34-1	788442	780847	783541	784277	0.49	cps
Terbium	159-1	14599337	14663925	14462764	14575342	0.70	cps
Terbium	159-2	6775454	6755381	6691000	6740612	0.65	cps
Thallium	203-1	500	558	492	517	7.03	cps
Thallium	205-1	1175	1025	1117	1106	6.84	cps
Tin	118-1	4859	5568	5276	5234	6.80	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-02	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-BS1	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:11:42	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2367	2667	2284	2439	8.27	cps
Uranium	238-1	417	450	450	439	4.38	cps
Vanadium	51-2	447	493	523	488	7.92	cps
Ytterbium	172-1	133	75	117	108	27.74	cps
Ytterbium	172-2	39	94	67	67	41.67	cps
Ytterbium	176-1	2450	2725	2609	2595	5.32	cps
Ytterbium	176-2	12901	12306	11822	12343	4.38	cps
Yttrium	89-1	25716325	24286420	23447804	24483517	4.68	cps
Yttrium	89-2	2724660	2770171	2732401	2742411	0.89	cps
Zinc	66-2	63958	62815	62973	63249	0.98	cps
Zirconium	90-1	1125	1050	1142	1106	4.42	cps
Zirconium	91-1	208	258	183	217	17.62	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-03	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:14:46	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1539	1549	1530	1539	0.61	cps
Antimony	121-1	1042	1250	1208	1167	9.45	cps
Arsenic	75-2	94	61	81	79	21.13	cps
Barium	135-1	47058	49332	47576	47989	2.48	cps
Barium	137-1	83266	83215	82275	82919	0.67	cps
Beryllium	9-1	87	65	70	74	15.93	cps
Bismuth	209-1	7999883	7749340	8019251	7922825	1.90	cps
Bismuth	209-2	4674378	4484715	4553311	4570801	2.10	cps
Boron	10-1	15159	15880	15847	15629	2.61	cps
Boron	11-1	67393	68834	71572	69266	3.06	cps
Bromine	81-1	148691	154369	155687	152916	2.43	cps
Cadmium	111-1	5593	6285	6079	5985	5.94	cps
Cadmium	106-1	7969	8961	8645	8525	5.95	cps
Cadmium	108-1	75	67	50	64	19.92	cps
Calcium	43-1	834672	836305	829019	833332	0.46	cps
Calcium	44-1	13237132	13623718	13067298	13309382	2.14	cps
Carbon	12-1	15449224	16695289	17270652	16471722	5.65	cps
Carbon	12-2	192949	190854	193227	192343	0.67	cps
Chlorine	35-1	2878462	3115184	3240157	3077934	5.97	cps
Chlorine	35-2	24588	25047	26341	25325	3.59	cps
Chromium	52-2	8062	7705	7699	7822	2.66	cps
Cobalt	59-2	317	307	343	322	5.88	cps
Copper	63-1	688070	684705	683489	685421	0.35	cps
Dysprosium	156-1	33	25	50	36	35.25	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	83	133	58	92	41.66	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	175	92	125	131	32.13	cps
Gadolinium	160-2	160	177	163	167	5.29	cps
Holmium	165-1	14243554	13843145	14261064	14115921	1.67	cps
Holmium	165-2	6910598	6937123	6808506	6885409	0.99	cps
Indium	115-1	14018720	13591290	13836616	13815542	1.55	cps
Indium	115-2	2306090	2262690	2212867	2260549	2.06	cps
Iron	54-2	6457	6129	6368	6318	2.68	cps
Iron	56-2	98752	97410	96872	97678	0.99	cps
Iron	57-2	3928	3851	3784	3854	1.88	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-03	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:14:46	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	614	655	637	635	3.26	cps
Lead	206-1	3223	3000	3217	3147	4.03	cps
Lead	207-1	2573	2645	2567	2595	1.67	cps
Lead	208-1	12036	12519	12208	12254	2.00	cps
Lithium	6-1	9704699	9631873	9742781	9693118	0.58	cps
Magnesium	24-2	1966178	1983863	1975479	1975173	0.45	cps
Manganese	55-2	7319	6612	6928	6953	5.09	cps
Molybdenum	94-1	1383	1392	1225	1333	7.04	cps
Molybdenum	95-1	2084	1834	1850	1922	7.27	cps
Molybdenum	96-1	2534	2234	2292	2353	6.76	cps
Molybdenum	97-1	1208	1300	1175	1228	5.27	cps
Molybdenum	98-1	2850	3492	2642	2995	14.80	cps
Neodymium	150-1	33	20	20	24	31.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	28125	28592	28409	28375	0.83	cps
Phosphorus	31-2	6527	7019	6427	6657	4.76	cps
Potassium	39-2	284204	280699	273794	279566	1.89	cps
Rhodium	103-1	13068585	12769848	13374855	13071096	2.31	cps
Rhodium	103-2	6264201	5955312	5862477	6027330	3.49	cps
Scandium	45-1	11841535	11844931	11719671	11802046	0.60	cps
Scandium	45-2	384036	369984	377170	377063	1.86	cps
Selenium	82-1	146	132	75	118	32.06	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	84	126	120	110	20.65	cps
Silicon	28-1	29065931	29869944	29684195	29540024	1.43	cps
Silver	107-1	267	200	258	242	15.03	cps
Silver	109-1	125	167	225	172	29.17	cps
Sodium	23-2	23788641	24014763	23457934	23753779	1.18	cps
Strontium	86-1	297753	292071	293958	294594	0.98	cps
Strontium	88-1	2588382	2662108	2624965	2625152	1.40	cps
Sulfur	34-1	753601	753080	768658	758446	1.17	cps
Terbium	159-1	15382878	15015151	14582764	14993598	2.67	cps
Terbium	159-2	6827207	6743136	6749651	6773331	0.69	cps
Thallium	203-1	367	258	292	306	18.16	cps
Thallium	205-1	1192	925	1000	1039	13.24	cps
Tin	118-1	6268	6252	5993	6171	2.50	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-03	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS2	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:14:46	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2375	2392	2242	2336	3.52	cps
Uranium	238-1	425	400	433	419	4.14	cps
Vanadium	51-2	487	407	457	450	8.98	cps
Ytterbium	172-1	158	108	167	144	21.84	cps
Ytterbium	172-2	72	56	22	50	50.92	cps
Ytterbium	176-1	2575	2692	2275	2514	8.55	cps
Ytterbium	176-2	11755	12106	12406	12089	2.69	cps
Yttrium	89-1	24265845	24316025	24206175	24262682	0.23	cps
Yttrium	89-2	2807809	2670293	2611648	2696583	3.73	cps
Zinc	66-2	63294	61965	62072	62444	1.18	cps
Zirconium	90-1	1200	1142	1142	1161	2.90	cps
Zirconium	91-1	233	208	150	197	21.68	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-04	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:17:49	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1652	1741	1707	1700	2.63	cps
Antimony	121-1	1317	1350	1283	1317	2.53	cps
Arsenic	75-2	66	73	61	67	9.04	cps
Barium	135-1	48564	49684	48889	49046	1.18	cps
Barium	137-1	84641	85279	83216	84379	1.25	cps
Beryllium	9-1	91	76	76	81	10.66	cps
Bismuth	209-1	7809518	7597635	8189231	7865461	3.81	cps
Bismuth	209-2	4542430	4748848	4575999	4622426	2.40	cps
Boron	10-1	13750	14823	15924	14832	7.33	cps
Boron	11-1	66800	67092	68355	67416	1.23	cps
Bromine	81-1	147939	155974	156541	153485	3.13	cps
Cadmium	111-1	5928	6494	5985	6135	5.08	cps
Cadmium	106-1	8403	9228	8503	8711	5.17	cps
Cadmium	108-1	42	58	67	56	22.91	cps
Calcium	43-1	839084	839819	840825	839909	0.10	cps
Calcium	44-1	13847634	13534479	13599603	13660572	1.21	cps
Carbon	12-1	15167949	16454385	16976801	16199711	5.75	cps
Carbon	12-2	193816	195677	198377	195957	1.17	cps
Chlorine	35-1	3029705	3330549	3363552	3241269	5.68	cps
Chlorine	35-2	26608	27485	26066	26720	2.68	cps
Chromium	52-2	29374	29364	29564	29434	0.38	cps
Cobalt	59-2	557	620	597	591	5.42	cps
Copper	63-1	588648	581694	581311	583884	0.71	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-1	42	75	117	78	48.31	cps
Erbium	164-2	10	27	37	24	55.11	cps
Gadolinium	160-1	158	125	175	153	16.66	cps
Gadolinium	160-2	147	180	200	176	15.35	cps
Holmium	165-1	14057938	13878452	13711917	13882769	1.25	cps
Holmium	165-2	6799307	7123188	6858157	6926884	2.49	cps
Indium	115-1	13254921	13525882	13444039	13408281	1.04	cps
Indium	115-2	2249259	2321529	2249083	2273290	1.84	cps
Iron	54-2	11827	11421	11933	11727	2.30	cps
Iron	56-2	180955	178219	171561	176912	2.73	cps
Iron	57-2	6079	5957	6235	6090	2.29	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-04	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:17:49	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	679	647	657	661	2.41	cps
Lead	206-1	3428	3250	3150	3276	4.30	cps
Lead	207-1	2861	2639	2912	2804	5.17	cps
Lead	208-1	13086	12875	13303	13088	1.63	cps
Lithium	6-1	9593844	9962050	9414336	9656743	2.89	cps
Magnesium	24-2	1991595	2007459	1983775	1994276	0.61	cps
Manganese	55-2	19724	19894	20184	19934	1.17	cps
Molybdenum	94-1	1608	1809	1692	1703	5.90	cps
Molybdenum	95-1	2384	2542	2517	2481	3.43	cps
Molybdenum	96-1	2692	2684	2950	2775	5.46	cps
Molybdenum	97-1	1583	1458	1517	1520	4.12	cps
Molybdenum	98-1	3867	3709	3526	3701	4.62	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	19690	18926	19674	19430	2.25	cps
Phosphorus	31-2	6802	6735	6702	6746	0.75	cps
Potassium	39-2	292962	296395	290638	293332	0.99	cps
Rhodium	103-1	13206795	12766168	12795624	12922862	1.91	cps
Rhodium	103-2	6123234	6275281	6078164	6158893	1.68	cps
Scandium	45-1	11686619	11613429	11730576	11676875	0.51	cps
Scandium	45-2	376500	386522	382635	381886	1.32	cps
Selenium	82-1	91	131	82	102	25.56	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	107	125	132	121	10.63	cps
Silicon	28-1	30091173	29759339	30175165	30008559	0.73	cps
Silver	107-1	175	283	250	236	23.50	cps
Silver	109-1	92	117	117	108	13.32	cps
Sodium	23-2	23497209	23517156	23695979	23570115	0.46	cps
Strontium	86-1	301834	302163	303876	302624	0.36	cps
Strontium	88-1	2699810	2676045	2672265	2682706	0.56	cps
Sulfur	34-1	748928	777033	767108	764356	1.86	cps
Terbium	159-1	14591649	14322636	14373715	14429333	0.99	cps
Terbium	159-2	6883814	6805437	6817827	6835693	0.62	cps
Thallium	203-1	350	375	242	322	22.00	cps
Thallium	205-1	1008	950	825	928	10.10	cps
Tin	118-1	10905	11230	11013	11049	1.50	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-04	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-BS4	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:17:49	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2375	2600	2492	2489	4.52	cps
Uranium	238-1	425	533	500	486	11.41	cps
Vanadium	51-2	583	503	487	524	9.85	cps
Ytterbium	172-1	108	167	133	136	21.50	cps
Ytterbium	172-2	39	39	56	44	21.65	cps
Ytterbium	176-1	2717	2634	2825	2725	3.53	cps
Ytterbium	176-2	11906	12701	12634	12413	3.55	cps
Yttrium	89-1	23340076	23731860	24274726	23782221	1.97	cps
Yttrium	89-2	2690935	2780076	2717735	2729582	1.68	cps
Zinc	66-2	77028	76691	75845	76521	0.80	cps
Zirconium	90-1	1275	1217	1075	1189	8.65	cps
Zirconium	91-1	208	175	217	200	11.02	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-05	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-KS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:20:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1310	1237	1202	1250	4.39	cps
Antimony	121-1	2309	2425	2084	2272	7.64	cps
Arsenic	75-2	72	75	75	74	2.34	cps
Barium	135-1	51031	51482	50027	50847	1.47	cps
Barium	137-1	90269	89305	88566	89380	0.96	cps
Beryllium	9-1	72	74	84	77	8.04	cps
Bismuth	209-1	7661546	7935776	7918225	7838516	1.96	cps
Bismuth	209-2	4538941	4621000	4588752	4582898	0.90	cps
Boron	10-1	25337	26218	27398	26318	3.93	cps
Boron	11-1	112599	120950	125151	119567	5.34	cps
Bromine	81-1	123823	137004	137946	132924	5.94	cps
Cadmium	111-1	6251	6263	5616	6043	6.13	cps
Cadmium	106-1	8853	8878	7986	8572	5.93	cps
Cadmium	108-1	108	163	142	138	19.87	cps
Calcium	43-1	826623	838515	844820	836653	1.10	cps
Calcium	44-1	13268665	13875275	13410816	13518252	2.35	cps
Carbon	12-1	22698989	25652993	27057336	25136439	8.85	cps
Carbon	12-2	313798	312756	308928	311827	0.82	cps
Chlorine	35-1	3224187	3402380	3636716	3421094	6.05	cps
Chlorine	35-2	25565	26901	27702	26722	4.04	cps
Chromium	52-2	174422	170846	168382	171217	1.77	cps
Cobalt	59-2	28472	28676	27770	28306	1.68	cps
Copper	63-1	1397484	1392118	1392323	1393975	0.22	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	17	37	23	26	39.85	cps
Gadolinium	160-1	167	92	83	114	40.30	cps
Gadolinium	160-2	203	153	170	176	14.50	cps
Holmium	165-1	13759055	14138554	13678835	13858815	1.77	cps
Holmium	165-2	6920776	7161775	6910764	6997772	2.03	cps
Indium	115-1	13709092	13630536	13515857	13618495	0.71	cps
Indium	115-2	2255146	2203573	2268778	2242499	1.53	cps
Iron	54-2	14902	14224	14769	14632	2.46	cps
Iron	56-2	148499	145475	147641	147205	1.06	cps
Iron	57-2	5234	4918	5145	5099	3.20	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-05	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-KS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:20:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	706	670	692	690	2.65	cps
Lead	206-1	30414	29673	29178	29755	2.09	cps
Lead	207-1	25615	26444	24830	25629	3.15	cps
Lead	208-1	118045	118490	116627	117721	0.83	cps
Lithium	6-1	9577264	9945169	10034782	9852405	2.46	cps
Magnesium	24-2	2042139	2039403	2007823	2029788	0.94	cps
Manganese	55-2	19163	18452	17985	18533	3.20	cps
Molybdenum	94-1	1642	1784	1725	1717	4.15	cps
Molybdenum	95-1	2192	2409	2350	2317	4.84	cps
Molybdenum	96-1	2725	2200	2467	2464	10.66	cps
Molybdenum	97-1	1525	1567	1417	1503	5.15	cps
Molybdenum	98-1	4042	4084	4859	4329	10.63	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	1252401	1221412	1229353	1234389	1.30	cps
Phosphorus	31-2	5493	5851	5309	5551	4.97	cps
Potassium	39-2	303494	296205	295788	298496	1.45	cps
Rhodium	103-1	12993790	13340366	12778919	13037692	2.17	cps
Rhodium	103-2	6098607	6188624	6072283	6119838	1.00	cps
Scandium	45-1	11653498	11792806	11542497	11662934	1.08	cps
Scandium	45-2	377830	371925	384313	378023	1.64	cps
Selenium	82-1	30	87	48	55	53.58	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	123	104	111	113	8.53	cps
Silicon	28-1	30360127	30672738	30830079	30620981	0.78	cps
Silver	107-1	267	242	283	264	7.95	cps
Silver	109-1	100	158	83	114	34.58	cps
Sodium	23-2	24026353	23960984	23023259	23670198	2.37	cps
Strontium	86-1	293820	297712	302325	297953	1.43	cps
Strontium	88-1	2634465	2549530	2567920	2583972	1.73	cps
Sulfur	34-1	793861	799058	811005	801308	1.10	cps
Terbium	159-1	14607334	14617923	14742403	14655887	0.51	cps
Terbium	159-2	6733428	6855930	6901953	6830437	1.28	cps
Thallium	203-1	467	517	558	514	8.93	cps
Thallium	205-1	1225	1117	1183	1175	4.65	cps
Tin	118-1	34085	34168	33717	33990	0.71	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-05	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-KS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:20:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2434	2334	2325	2364	2.55	cps
Uranium	238-1	433	267	333	344	24.35	cps
Vanadium	51-2	513	463	440	472	7.93	cps
Ytterbium	172-1	142	133	133	136	3.53	cps
Ytterbium	172-2	33	39	56	43	27.16	cps
Ytterbium	176-1	2459	2350	2292	2367	3.57	cps
Ytterbium	176-2	11438	11928	12189	11852	3.22	cps
Yttrium	89-1	23378529	23530515	23903978	23604340	1.15	cps
Yttrium	89-2	2730037	2719417	2731519	2726991	0.24	cps
Zinc	66-2	521438	519975	514699	518704	0.68	cps
Zirconium	90-1	1042	950	1342	1111	18.44	cps
Zirconium	91-1	175	217	150	181	18.65	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-06	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:23:57	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1891	1790	1807	1829	2.96	cps
Antimony	121-1	1033	1025	1150	1070	6.54	cps
Arsenic	75-2	79	82	68	76	9.66	cps
Barium	135-1	51516	49333	47075	49308	4.50	cps
Barium	137-1	84783	86059	85169	85337	0.77	cps
Beryllium	9-1	67	79	69	72	8.61	cps
Bismuth	209-1	7962220	8080876	7674289	7905795	2.64	cps
Bismuth	209-2	4481975	3584131	4583785	4216630	13.05	cps
Boron	10-1	14821	14935	14989	14915	0.58	cps
Boron	11-1	66420	66927	68089	67146	1.27	cps
Bromine	81-1	154073	163281	158416	158590	2.90	cps
Cadmium	111-1	6170	5822	5804	5932	3.48	cps
Cadmium	106-1	8770	8294	8278	8447	3.31	cps
Cadmium	108-1	63	54	58	58	7.14	cps
Calcium	43-1	850507	846230	838879	845205	0.70	cps
Calcium	44-1	13924985	14243260	13952245	14040163	1.26	cps
Carbon	12-1	16637618	17352133	17948969	17312906	3.79	cps
Carbon	12-2	208795	201797	200235	203609	2.24	cps
Chlorine	35-1	3304741	3533587	3641077	3493135	4.92	cps
Chlorine	35-2	28913	28470	27744	28376	2.08	cps
Chromium	52-2	9120	9126	9100	9115	0.15	cps
Cobalt	59-2	280	290	260	277	5.52	cps
Copper	63-1	347886	347318	346817	347340	0.15	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	133	83	83	100	28.87	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	125	133	150	136	9.35	cps
Gadolinium	160-2	137	120	203	153	28.76	cps
Holmium	165-1	14473994	13766308	13734926	13991743	2.99	cps
Holmium	165-2	6644718	5475502	6880545	6333588	11.88	cps
Indium	115-1	13820731	13818983	13281334	13640349	2.28	cps
Indium	115-2	2095490	1734132	2233037	2020887	12.75	cps
Iron	54-2	7413	7258	6857	7176	4.00	cps
Iron	56-2	113359	111181	108271	110937	2.30	cps
Iron	57-2	4023	4256	4262	4180	3.26	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-06	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:23:57	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	706	674	635	672	5.31	cps
Lead	206-1	2334	2334	2150	2272	4.66	cps
Lead	207-1	2134	1995	1867	1998	6.68	cps
Lead	208-1	9618	9302	9118	9346	2.71	cps
Lithium	6-1	9760351	9397246	9865416	9674337	2.54	cps
Magnesium	24-2	2058142	2046682	2044511	2049778	0.36	cps
Manganese	55-2	5118	5124	5094	5112	0.31	cps
Molybdenum	94-1	1700	1333	1292	1442	15.59	cps
Molybdenum	95-1	2200	1925	1934	2020	7.75	cps
Molybdenum	96-1	2284	2275	2309	2289	0.76	cps
Molybdenum	97-1	1208	1283	1167	1220	4.85	cps
Molybdenum	98-1	2834	3059	2842	2911	4.38	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	33530	33536	32157	33074	2.40	cps
Phosphorus	31-2	6568	6827	6493	6629	2.64	cps
Potassium	39-2	293944	285383	288812	289380	1.49	cps
Rhodium	103-1	13411688	13389728	13082809	13294742	1.38	cps
Rhodium	103-2	5606218	4750734	5963328	5440093	11.45	cps
Scandium	45-1	11700599	11981067	11560279	11747315	1.82	cps
Scandium	45-2	369117	286969	376056	344047	14.40	cps
Selenium	82-1	74	131	42	82	54.57	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	98	120	119	112	11.06	cps
Silicon	28-1	30053457	29857132	29102020	29670870	1.69	cps
Silver	107-1	242	183	258	228	17.29	cps
Silver	109-1	108	117	100	108	7.69	cps
Sodium	23-2	25290434	24047429	23736360	24358075	3.38	cps
Strontium	86-1	308950	307107	301814	305957	1.21	cps
Strontium	88-1	2714486	2730066	2658821	2701124	1.39	cps
Sulfur	34-1	764519	770286	761275	765360	0.60	cps
Terbium	159-1	14880699	14209344	14407169	14499071	2.38	cps
Terbium	159-2	6541507	5267685	6781367	6196853	13.13	cps
Thallium	203-1	475	367	350	397	17.09	cps
Thallium	205-1	792	758	875	808	7.43	cps
Tin	118-1	3701	3701	3459	3620	3.86	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-06	Instrumnet Name :	P8
Client Sample ID :	SCA-218-9TH-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:23:57	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2467	2384	2600	2484	4.40	cps
Uranium	238-1	408	350	325	361	11.84	cps
Vanadium	51-2	490	470	460	473	3.23	cps
Ytterbium	172-1	125	142	58	108	40.71	cps
Ytterbium	172-2	83	39	72	65	35.69	cps
Ytterbium	176-1	2717	2650	2692	2686	1.25	cps
Ytterbium	176-2	11505	9376	12540	11140	14.48	cps
Yttrium	89-1	24503950	24242063	23571354	24105789	2.00	cps
Yttrium	89-2	2631241	2136392	2774266	2513966	13.31	cps
Zinc	66-2	38746	38920	38138	38602	1.06	cps
Zirconium	90-1	1233	892	1042	1056	16.22	cps
Zirconium	91-1	175	258	217	217	19.23	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-07	Instrumnet Name :	P8
Client Sample ID :	SCA-218-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:27:03	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	290	275	286	3.31	cps
Antimony	121-1	67	83	58	69	18.34	cps
Arsenic	75-2	6	6	7	6	9.12	cps
Barium	135-1	100	67	92	86	20.14	cps
Barium	137-1	167	125	158	150	14.70	cps
Beryllium	9-1	57	75	57	63	15.96	cps
Bismuth	209-1	8136207	8021558	7910701	8022822	1.41	cps
Bismuth	209-2	4599711	4813265	4559855	4657610	2.93	cps
Boron	10-1	5164	4964	4908	5012	2.69	cps
Boron	11-1	22407	22615	21361	22128	3.04	cps
Bromine	81-1	87868	87816	88913	88199	0.70	cps
Cadmium	111-1	5592	6037	5811	5813	3.83	cps
Cadmium	106-1	8019	8653	8336	8336	3.80	cps
Cadmium	108-1	67	71	58	65	9.75	cps
Calcium	43-1	971	980	992	981	1.09	cps
Calcium	44-1	24930	24722	25801	25151	2.28	cps
Carbon	12-1	10868649	11870873	12639620	11793047	7.53	cps
Carbon	12-2	145289	147538	147479	146769	0.87	cps
Chlorine	35-1	2003342	2039835	2009640	2017606	0.97	cps
Chlorine	35-2	13665	13573	13081	13440	2.34	cps
Chromium	52-2	17778	17722	16974	17491	2.57	cps
Cobalt	59-2	457	443	413	438	5.07	cps
Copper	63-1	10009	10008	10018	10012	0.05	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	108	33	42	61	67.27	cps
Erbium	164-2	30	27	20	26	19.92	cps
Gadolinium	160-1	25	117	108	83	60.83	cps
Gadolinium	160-2	203	133	153	163	22.07	cps
Holmium	165-1	14286007	13788248	14279423	14117893	2.02	cps
Holmium	165-2	6875983	6689641	6454146	6673257	3.17	cps
Indium	115-1	13890056	13249374	13791559	13643663	2.53	cps
Indium	115-2	2272795	2255053	2112523	2213457	3.97	cps
Iron	54-2	5429	5057	5484	5323	4.37	cps
Iron	56-2	71189	71535	71825	71516	0.45	cps
Iron	57-2	1683	1639	1845	1722	6.28	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-07	Instrumnet Name :	P8
Client Sample ID :	SCA-218-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:27:03	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	692	691	676	687	1.32	cps
Lead	206-1	1845	1567	1706	1706	8.14	cps
Lead	207-1	1528	1483	1322	1445	7.49	cps
Lead	208-1	6934	6640	6384	6653	4.14	cps
Lithium	6-1	9716510	9589878	10360149	9888846	4.18	cps
Magnesium	24-2	692	517	617	608	14.43	cps
Manganese	55-2	3904	3867	3417	3729	7.27	cps
Molybdenum	94-1	625	608	467	567	15.35	cps
Molybdenum	95-1	517	550	483	517	6.45	cps
Molybdenum	96-1	742	725	883	783	11.11	cps
Molybdenum	97-1	258	458	283	333	32.70	cps
Molybdenum	98-1	833	767	942	847	10.43	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	5815	5601	5688	5701	1.88	cps
Phosphorus	31-2	283	333	317	311	8.18	cps
Potassium	39-2	25924	26107	26558	26196	1.25	cps
Rhodium	103-1	13295352	13102526	13657419	13351766	2.11	cps
Rhodium	103-2	6121781	5955854	5988182	6021939	1.46	cps
Scandium	45-1	12071395	11520112	12081949	11891152	2.70	cps
Scandium	45-2	373168	371893	365921	370327	1.04	cps
Selenium	82-1	-10	44	9	14	192.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	100	93	106	100	6.53	cps
Silicon	28-1	1154456	1180216	1192574	1175749	1.65	cps
Silver	107-1	258	192	158	203	25.11	cps
Silver	109-1	100	100	150	117	24.75	cps
Sodium	23-2	35444	34675	34817	34979	1.17	cps
Strontium	86-1	1217	1100	1208	1175	5.54	cps
Strontium	88-1	1283	1250	1242	1258	1.75	cps
Sulfur	34-1	480573	475702	470631	475635	1.05	cps
Terbium	159-1	14609346	14198556	14480116	14429340	1.46	cps
Terbium	159-2	6606564	6591782	6357708	6518685	2.14	cps
Thallium	203-1	300	383	325	336	12.72	cps
Thallium	205-1	592	817	700	703	16.01	cps
Tin	118-1	2750	2884	2709	2781	3.29	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-07	Instrumnet Name :	P8
Client Sample ID :	SCA-218-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:27:03	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	700	1067	1067	945	22.42	cps
Uranium	238-1	25	0	8	11	114.58	cps
Vanadium	51-2	67	90	80	79	14.84	cps
Ytterbium	172-1	83	42	42	56	43.30	cps
Ytterbium	172-2	44	56	44	48	13.32	cps
Ytterbium	176-1	2542	2659	2600	2600	2.24	cps
Ytterbium	176-2	11450	11667	11433	11516	1.13	cps
Yttrium	89-1	23429055	22265312	24117427	23270598	4.02	cps
Yttrium	89-2	2735564	2662186	2663951	2687234	1.56	cps
Zinc	66-2	3590	3564	3470	3542	1.78	cps
Zirconium	90-1	1050	850	917	939	10.85	cps
Zirconium	91-1	175	167	175	172	2.80	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:36:41	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5000865	4913931	4749532	4888109	2.61	cps
Antimony	121-1	3392891	3454582	3541667	3463047	2.16	cps
Arsenic	75-2	125831	125711	124846	125463	0.43	cps
Barium	135-1	4846406	5064413	4971193	4960671	2.21	cps
Barium	137-1	8517898	8429398	8575049	8507449	0.86	cps
Beryllium	9-1	1948256	1830169	1933636	1904020	3.38	cps
Bismuth	209-1	6531496	6844210	6829239	6734982	2.62	cps
Bismuth	209-2	3914189	3788903	3895897	3866330	1.75	cps
Boron	10-1	555236	594536	588602	579458	3.66	cps
Boron	11-1	2184807	2561883	2486093	2410928	8.27	cps
Bromine	81-1	82115	79601	78372	80029	2.38	cps
Cadmium	111-1	1130664	1158141	1150076	1146294	1.23	cps
Cadmium	106-1	137762	137446	135201	136803	1.02	cps
Cadmium	108-1	89837	90756	91019	90537	0.69	cps
Calcium	43-1	9259518	9542412	9616952	9472961	1.99	cps
Calcium	44-1	146579313	151052779	154939203	150857098	2.77	cps
Carbon	12-1	9306827	9505377	9743304	9518502	2.30	cps
Carbon	12-2	112849	114058	114343	113750	0.70	cps
Chlorine	35-1	935568	922655	927675	928632	0.70	cps
Chlorine	35-2	6635	6443	6410	6496	1.87	cps
Chromium	52-2	1434585	1441856	1424786	1433742	0.60	cps
Cobalt	59-2	2486311	2455736	2453225	2465090	0.75	cps
Copper	63-1	59283168	59153341	59079372	59171960	0.17	cps
Dysprosium	156-1	750	550	550	617	18.73	cps
Dysprosium	156-2	203	213	223	213	4.69	cps
Erbium	164-1	125	158	158	147	13.07	cps
Erbium	164-2	60	63	57	60	5.55	cps
Gadolinium	160-1	400	475	442	439	8.56	cps
Gadolinium	160-2	330	357	293	327	9.73	cps
Holmium	165-1	13244348	13319521	13486815	13350228	0.93	cps
Holmium	165-2	6416649	6565475	6686408	6556177	2.06	cps
Indium	115-1	11850813	12064403	12153569	12022928	1.29	cps
Indium	115-2	2025196	2019795	1999171	2014721	0.68	cps
Iron	54-2	15979236	15906066	15683848	15856383	0.97	cps
Iron	56-2	290731740	288501829	279234251	286155940	2.13	cps
Iron	57-2	7343313	7327887	6961694	7210965	3.00	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:36:41	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	706	710	665	694	3.60	cps
Lead	206-1	12879948	13026102	12976086	12960712	0.57	cps
Lead	207-1	10868581	11033743	10831819	10911381	0.99	cps
Lead	208-1	50002202	50628619	51086007	50572276	1.08	cps
Lithium	6-1	9102720	8915460	9318400	9112193	2.21	cps
Magnesium	24-2	64931170	64805958	62671389	64136172	1.98	cps
Manganese	55-2	7536055	7594084	7565883	7565341	0.38	cps
Molybdenum	94-1	16775704	16656990	16631566	16688087	0.46	cps
Molybdenum	95-1	24925296	23646065	24063669	24211677	2.69	cps
Molybdenum	96-1	26590149	26092801	25693157	26125369	1.72	cps
Molybdenum	97-1	14756465	14750799	14793022	14766762	0.16	cps
Molybdenum	98-1	38567555	38120598	37306103	37998085	1.68	cps
Neodymium	150-1	500	527	500	509	3.03	cps
Neodymium	150-2	27	57	63	49	39.94	cps
Nickel	60-2	666889	668794	654809	663497	1.14	cps
Phosphorus	31-2	54378	56026	53298	54567	2.52	cps
Potassium	39-2	23288687	22227022	22230541	22582083	2.71	cps
Rhodium	103-1	11133789	11202868	11480844	11272500	1.63	cps
Rhodium	103-2	5311524	5299657	5116210	5242464	2.09	cps
Scandium	45-1	10977909	10915047	11005670	10966209	0.42	cps
Scandium	45-2	351181	350042	354477	351900	0.65	cps
Selenium	82-1	104842	106012	105530	105461	0.56	cps
Selenium	77-2	3304	3400	3194	3299	3.13	cps
Selenium	78-2	11338	11317	11107	11254	1.13	cps
Silicon	28-1	38371330	39074298	37924548	38456725	1.51	cps
Silver	107-1	6081717	6052988	5972469	6035725	0.94	cps
Silver	109-1	5643150	5885694	5865465	5798103	2.32	cps
Sodium	23-2	124131932	122341803	120359774	122277836	1.54	cps
Strontium	86-1	40307017	40961767	40549349	40606044	0.82	cps
Strontium	88-1	349170866	358249791	363669341	357030000	2.05	cps
Sulfur	34-1	1122833	1129616	1114220	1122223	0.69	cps
Terbium	159-1	13727093	14203179	14082000	14004091	1.77	cps
Terbium	159-2	6591344	6503496	6383421	6492754	1.61	cps
Thallium	203-1	3103469	3278295	3311058	3230941	3.45	cps
Thallium	205-1	7543676	7479378	7471485	7498180	0.53	cps
Tin	118-1	3538641	3584190	3632395	3585075	1.31	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:36:41	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8293387	8436963	8302558	8344303	0.96	cps
Uranium	238-1	9248239	9581262	9062365	9297289	2.83	cps
Vanadium	51-2	1106278	1090170	1087581	1094676	0.93	cps
Ytterbium	172-1	150	158	150	153	3.15	cps
Ytterbium	172-2	72	61	72	69	9.36	cps
Ytterbium	176-1	9904	10354	10454	10238	2.86	cps
Ytterbium	176-2	14631	15454	15392	15159	3.03	cps
Yttrium	89-1	21602350	21855931	22281167	21913149	1.57	cps
Yttrium	89-2	2588583	2535374	2637883	2587280	1.98	cps
Zinc	66-2	2163143	2243341	2174993	2193825	1.97	cps
Zirconium	90-1	8314318	8402010	8707611	8474646	2.44	cps
Zirconium	91-1	1903930	1929056	1967696	1933561	1.66	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P8
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 17:47:49 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	202	222	210	212	4.77	cps
Antimony	121-1	325	292	417	344	18.79	cps
Arsenic	75-2	2	5	6	4	48.04	cps
Barium	135-1	17	100	25	47	97.19	cps
Barium	137-1	67	92	92	83	17.32	cps
Beryllium	9-1	101	92	107	100	7.50	cps
Bismuth	209-1	8035473	8267233	8321997	8208235	1.85	cps
Bismuth	209-2	4461121	4670475	4888365	4673320	4.57	cps
Boron	10-1	12775	12869	12945	12863	0.66	cps
Boron	11-1	59336	57615	57453	58135	1.80	cps
Bromine	81-1	81028	80073	80838	80646	0.63	cps
Cadmium	111-1	5563	5611	6017	5730	4.35	cps
Cadmium	106-1	7986	8019	8628	8211	4.40	cps
Cadmium	108-1	75	88	63	75	16.67	cps
Calcium	43-1	461	409	442	437	6.08	cps
Calcium	44-1	16187	16080	15832	16033	1.14	cps
Carbon	12-1	8679389	8637604	8688077	8668356	0.31	cps
Carbon	12-2	91912	89145	90780	90613	1.54	cps
Chlorine	35-1	594490	585000	584504	587998	0.96	cps
Chlorine	35-2	4226	3792	3667	3895	7.53	cps
Chromium	52-2	937	993	1087	1006	7.53	cps
Cobalt	59-2	50	73	43	56	28.35	cps
Copper	63-1	8317	8464	8763	8514	2.67	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	100	75	75	33.33	cps
Erbium	164-2	27	7	17	17	59.99	cps
Gadolinium	160-1	158	125	150	144	12.01	cps
Gadolinium	160-2	147	130	150	142	7.53	cps
Holmium	165-1	14063762	13724236	14086679	13958226	1.45	cps
Holmium	165-2	6496372	6745924	6916971	6719756	3.15	cps
Indium	115-1	13674355	13621330	13763473	13686386	0.52	cps
Indium	115-2	2159562	2281977	2310207	2250582	3.56	cps
Iron	54-2	1311	1206	1172	1230	5.90	cps
Iron	56-2	6968	7074	7085	7043	0.91	cps
Iron	57-2	183	222	256	220	16.40	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:47:49	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	655	667	642	655	1.91	cps
Lead	206-1	1267	1167	1222	1219	4.11	cps
Lead	207-1	972	911	856	913	6.39	cps
Lead	208-1	4461	4289	4417	4389	2.04	cps
Lithium	6-1	10229408	9690457	10112553	10010806	2.83	cps
Magnesium	24-2	317	350	358	342	6.45	cps
Manganese	55-2	213	200	173	196	10.41	cps
Molybdenum	94-1	708	533	600	614	14.39	cps
Molybdenum	95-1	650	467	542	553	16.67	cps
Molybdenum	96-1	867	808	708	794	10.08	cps
Molybdenum	97-1	383	308	300	331	13.89	cps
Molybdenum	98-1	1117	717	808	881	23.80	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	93	97	63	84	21.74	cps
Phosphorus	31-2	333	292	217	281	21.07	cps
Potassium	39-2	24555	23086	24138	23926	3.16	cps
Rhodium	103-1	13482085	13144391	13898682	13508386	2.80	cps
Rhodium	103-2	5763236	5922074	6263344	5982885	4.27	cps
Scandium	45-1	11603983	11351232	11442767	11465994	1.12	cps
Scandium	45-2	343759	365287	379513	362853	4.96	cps
Selenium	82-1	56	-1	3	19	167.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	95	93	109	99	8.80	cps
Silicon	28-1	1054114	1048142	1026535	1042930	1.39	cps
Silver	107-1	300	250	325	292	13.09	cps
Silver	109-1	217	192	175	194	10.78	cps
Sodium	23-2	26608	26082	25581	26090	1.97	cps
Strontium	86-1	1108	1183	1283	1192	7.37	cps
Strontium	88-1	1383	1217	1167	1256	9.04	cps
Sulfur	34-1	496727	491647	484206	490860	1.28	cps
Terbium	159-1	14378575	14541567	14584795	14501646	0.75	cps
Terbium	159-2	6271739	6681985	6824926	6592883	4.36	cps
Thallium	203-1	550	558	467	525	9.66	cps
Thallium	205-1	1383	1525	1350	1420	6.55	cps
Tin	118-1	8695	8721	9534	8983	5.31	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:47:49	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	500	550	497	10.90	cps
Uranium	238-1	33	25	33	31	15.74	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Ytterbium	172-1	92	67	83	81	15.80	cps
Ytterbium	172-2	39	39	11	30	54.13	cps
Ytterbium	176-1	2192	2275	2425	2297	5.15	cps
Ytterbium	176-2	11105	12395	12267	11922	5.96	cps
Yttrium	89-1	23716021	23148320	23769458	23544600	1.46	cps
Yttrium	89-2	2486850	2651150	2697177	2611726	4.23	cps
Zinc	66-2	317	317	327	320	1.80	cps
Zirconium	90-1	1083	925	1025	1011	7.92	cps
Zirconium	91-1	142	167	250	186	30.48	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-01	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:57:12	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1430	1521	1570	1507	4.72	cps
Antimony	121-1	1008	1167	1108	1095	7.32	cps
Arsenic	75-2	71	77	59	69	13.28	cps
Barium	135-1	54293	53833	52888	53671	1.33	cps
Barium	137-1	93112	92291	94254	93219	1.06	cps
Beryllium	9-1	94	81	92	89	7.72	cps
Bismuth	209-1	7921841	7940018	7741053	7867637	1.40	cps
Bismuth	209-2	4510242	4514381	4602313	4542312	1.14	cps
Boron	10-1	16538	16848	16596	16661	0.99	cps
Boron	11-1	74646	73417	77491	75185	2.78	cps
Bromine	81-1	145439	145733	144653	145275	0.38	cps
Cadmium	111-1	5813	5558	5705	5692	2.25	cps
Cadmium	106-1	8311	7936	8119	8122	2.31	cps
Cadmium	108-1	96	108	29	78	54.72	cps
Calcium	43-1	827912	841037	830349	833099	0.84	cps
Calcium	44-1	13953443	13410265	13295191	13552967	2.59	cps
Carbon	12-1	12941035	14176145	14485158	13867446	5.89	cps
Carbon	12-2	164313	165741	164136	164730	0.53	cps
Chlorine	35-1	1916131	2108331	2193117	2072526	6.85	cps
Chlorine	35-2	16919	17878	18537	17778	4.58	cps
Chromium	52-2	19120	19066	18292	18826	2.46	cps
Cobalt	59-2	490	463	493	482	3.41	cps
Copper	63-1	280495	277099	284935	280843	1.40	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	83	83	33	67	43.31	cps
Erbium	164-2	47	33	23	34	34.00	cps
Gadolinium	160-1	133	158	133	142	10.19	cps
Gadolinium	160-2	153	157	180	163	8.89	cps
Holmium	165-1	14040302	14736683	13920036	14232340	3.10	cps
Holmium	165-2	6618285	6623180	6946747	6729404	2.80	cps
Indium	115-1	13065355	14043378	13682352	13597028	3.64	cps
Indium	115-2	2234588	2206663	2279409	2240220	1.64	cps
Iron	54-2	10098	10137	10215	10150	0.59	cps
Iron	56-2	158470	158387	157030	157962	0.51	cps
Iron	57-2	5245	5412	5851	5503	5.69	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-01	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:57:12	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	661	599	600	620	5.76	cps
Lead	206-1	2606	2545	2634	2595	1.75	cps
Lead	207-1	2095	2122	2300	2172	5.13	cps
Lead	208-1	9624	9896	10368	9963	3.78	cps
Lithium	6-1	10490380	10752562	9761540	10334827	4.97	cps
Magnesium	24-2	2074471	2056962	1995159	2042197	2.04	cps
Manganese	55-2	5895	6041	5995	5977	1.25	cps
Molybdenum	94-1	1533	1500	1458	1497	2.51	cps
Molybdenum	95-1	2059	2134	1767	1986	9.75	cps
Molybdenum	96-1	2517	2684	2517	2573	3.74	cps
Molybdenum	97-1	1142	1425	1533	1367	14.80	cps
Molybdenum	98-1	3559	3534	3367	3487	2.99	cps
Neodymium	150-1	40	27	20	29	35.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	6658	6818	7002	6826	2.52	cps
Phosphorus	31-2	6843	7202	6952	6999	2.63	cps
Potassium	39-2	288349	289907	284899	287718	0.89	cps
Rhodium	103-1	13266632	13731752	13203355	13400580	2.15	cps
Rhodium	103-2	6204482	5916981	5963311	6028258	2.56	cps
Scandium	45-1	11711405	12233973	11658269	11867882	2.68	cps
Scandium	45-2	374196	368095	375801	372697	1.09	cps
Selenium	82-1	75	142	134	117	31.35	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	99	95	94	96	2.76	cps
Silicon	28-1	30749511	31106161	30171481	30675718	1.54	cps
Silver	107-1	275	158	183	206	29.88	cps
Silver	109-1	125	92	100	106	16.43	cps
Sodium	23-2	24480261	24166969	23466469	24037900	2.16	cps
Strontium	86-1	292286	298385	291564	294079	1.27	cps
Strontium	88-1	2654104	2666069	2513636	2611270	3.25	cps
Sulfur	34-1	807957	811975	788650	802861	1.55	cps
Terbium	159-1	14326625	14829620	14445411	14533885	1.81	cps
Terbium	159-2	6541909	6773556	6648134	6654533	1.74	cps
Thallium	203-1	608	508	542	553	9.21	cps
Thallium	205-1	1400	1158	1092	1217	13.34	cps
Tin	118-1	3809	3809	4001	3873	2.86	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-01	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 17:57:12	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5593	5343	5359	5432	2.57	cps
Uranium	238-1	450	442	433	442	1.89	cps
Vanadium	51-2	443	493	537	491	9.51	cps
Ytterbium	172-1	183	117	117	139	27.71	cps
Ytterbium	172-2	44	44	44	44	0.00	cps
Ytterbium	176-1	2484	2675	2592	2584	3.72	cps
Ytterbium	176-2	12150	11933	12907	12330	4.14	cps
Yttrium	89-1	23322494	24416105	23444941	23727847	2.53	cps
Yttrium	89-2	2627529	2664850	2650134	2647504	0.71	cps
Zinc	66-2	101932	101236	99654	100941	1.16	cps
Zirconium	90-1	967	1167	1058	1064	9.41	cps
Zirconium	91-1	183	258	242	228	17.29	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-02	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:00:14	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1799	1750	1711	1753	2.50	cps
Antimony	121-1	1233	1183	1142	1186	3.87	cps
Arsenic	75-2	77	65	58	67	14.41	cps
Barium	135-1	49876	50939	50722	50512	1.11	cps
Barium	137-1	90520	89270	89314	89701	0.79	cps
Beryllium	9-1	115	95	109	106	9.63	cps
Bismuth	209-1	7672159	7757823	7410828	7613603	2.37	cps
Bismuth	209-2	4653031	4648024	4689812	4663622	0.49	cps
Boron	10-1	16538	17241	17059	16946	2.15	cps
Boron	11-1	72885	73425	75559	73956	1.91	cps
Bromine	81-1	141697	140516	147818	143344	2.73	cps
Cadmium	111-1	6097	5789	6007	5964	2.65	cps
Cadmium	106-1	8770	8269	8603	8547	2.98	cps
Cadmium	108-1	96	58	75	76	24.60	cps
Calcium	43-1	884864	867109	882916	878296	1.11	cps
Calcium	44-1	14051779	14278036	13891126	14073647	1.38	cps
Carbon	12-1	12847101	13751682	14358019	13652267	5.57	cps
Carbon	12-2	166108	169784	167961	167951	1.09	cps
Chlorine	35-1	2646345	2790341	2950614	2795767	5.44	cps
Chlorine	35-2	22159	22543	23845	22849	3.87	cps
Chromium	52-2	13737	13547	13890	13724	1.25	cps
Cobalt	59-2	387	353	300	347	12.61	cps
Copper	63-1	114558	114556	114393	114502	0.08	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	33	58	50	47	26.96	cps
Erbium	164-2	40	17	30	29	40.51	cps
Gadolinium	160-1	75	158	142	125	35.28	cps
Gadolinium	160-2	153	153	127	144	10.66	cps
Holmium	165-1	14260269	13878706	13849837	13996270	1.64	cps
Holmium	165-2	6787005	6778766	6790163	6785311	0.09	cps
Indium	115-1	13558385	13161000	13319109	13346165	1.50	cps
Indium	115-2	2236543	2210026	2217651	2221407	0.61	cps
Iron	54-2	11927	11410	11355	11564	2.73	cps
Iron	56-2	192530	188674	186860	189355	1.53	cps
Iron	57-2	6351	6346	6201	6300	1.35	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-02	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:00:14	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	636	637	634	636	0.30	cps
Lead	206-1	1767	1950	1911	1876	5.15	cps
Lead	207-1	1461	1528	1511	1500	2.31	cps
Lead	208-1	7051	7468	7223	7247	2.89	cps
Lithium	6-1	10084842	10213810	10635457	10311369	2.79	cps
Magnesium	24-2	2097101	2033529	2089984	2073538	1.68	cps
Manganese	55-2	7439	7385	7359	7394	0.55	cps
Molybdenum	94-1	1500	1683	1650	1611	6.06	cps
Molybdenum	95-1	2375	1984	2042	2134	9.91	cps
Molybdenum	96-1	2592	2400	2692	2561	5.79	cps
Molybdenum	97-1	1283	1292	1158	1245	6.00	cps
Molybdenum	98-1	3484	3242	3467	3398	3.97	cps
Neodymium	150-1	27	33	40	33	20.00	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	3907	3587	3747	3747	4.27	cps
Phosphorus	31-2	7160	7252	7035	7149	1.52	cps
Potassium	39-2	296278	286645	287902	290275	1.80	cps
Rhodium	103-1	13509932	13081508	12880124	13157188	2.44	cps
Rhodium	103-2	6057738	5897115	5974005	5976286	1.34	cps
Scandium	45-1	11324342	11626088	11364930	11438453	1.43	cps
Scandium	45-2	371853	367164	371306	370107	0.69	cps
Selenium	82-1	65	96	145	102	39.50	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	92	95	100	96	4.22	cps
Silicon	28-1	31792759	31119823	31348681	31420421	1.09	cps
Silver	107-1	192	200	183	192	4.35	cps
Silver	109-1	58	50	125	78	52.85	cps
Sodium	23-2	25989568	25088741	25051307	25376539	2.09	cps
Strontium	86-1	314033	313557	320023	315871	1.14	cps
Strontium	88-1	2785879	2759484	2812092	2785818	0.94	cps
Sulfur	34-1	807130	800576	788478	798728	1.18	cps
Terbium	159-1	13994547	14801678	13890974	14229066	3.50	cps
Terbium	159-2	6800400	6774779	6669266	6748148	1.03	cps
Thallium	203-1	400	425	325	383	13.58	cps
Thallium	205-1	1017	917	1042	992	6.67	cps
Tin	118-1	3259	3467	3642	3456	5.55	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-02	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:00:14	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2784	2425	2867	2692	8.72	cps
Uranium	238-1	467	392	383	414	11.09	cps
Vanadium	51-2	600	560	557	572	4.21	cps
Ytterbium	172-1	108	108	150	122	19.68	cps
Ytterbium	172-2	94	56	17	56	70.00	cps
Ytterbium	176-1	2467	2542	2509	2506	1.50	cps
Ytterbium	176-2	11577	12445	12656	12226	4.68	cps
Yttrium	89-1	23127366	23949223	24288263	23788284	2.51	cps
Yttrium	89-2	2752227	2625614	2736263	2704701	2.55	cps
Zinc	66-2	45587	43851	43801	44413	2.29	cps
Zirconium	90-1	925	917	1158	1000	13.72	cps
Zirconium	91-1	233	183	225	214	12.52	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-03	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-2S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:03:19	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1590	1547	1584	1574	1.46	cps
Antimony	121-1	958	1133	1217	1103	11.96	cps
Arsenic	75-2	60	68	71	66	8.57	cps
Barium	135-1	50487	48220	49057	49254	2.33	cps
Barium	137-1	84120	87416	84431	85322	2.13	cps
Beryllium	9-1	85	64	87	79	16.57	cps
Bismuth	209-1	8145783	8017844	7814463	7992697	2.09	cps
Bismuth	209-2	4262568	4513947	4617826	4464780	4.09	cps
Boron	10-1	14973	15920	16108	15667	3.88	cps
Boron	11-1	68025	70669	72730	70475	3.35	cps
Bromine	81-1	140903	148474	148545	145974	3.01	cps
Cadmium	111-1	5834	5960	5914	5903	1.08	cps
Cadmium	106-1	8344	8528	8444	8439	1.09	cps
Cadmium	108-1	75	67	67	69	6.93	cps
Calcium	43-1	855777	867823	848108	857236	1.16	cps
Calcium	44-1	13807019	14390868	13577632	13925173	3.01	cps
Carbon	12-1	13873427	15024257	15631562	14843082	6.02	cps
Carbon	12-2	178281	184087	183073	181814	1.71	cps
Chlorine	35-1	2878654	3027576	3088670	2998300	3.60	cps
Chlorine	35-2	23294	24012	24455	23920	2.45	cps
Chromium	52-2	10020	9630	9166	9606	4.45	cps
Cobalt	59-2	290	307	347	314	9.26	cps
Copper	63-1	99191	103635	99478	100768	2.47	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	7	20	3	10	88.20	cps
Erbium	164-1	50	75	92	72	29.04	cps
Erbium	164-2	20	37	53	37	45.45	cps
Gadolinium	160-1	117	125	133	125	6.67	cps
Gadolinium	160-2	140	177	173	163	12.42	cps
Holmium	165-1	13822525	14119726	13836796	13926349	1.20	cps
Holmium	165-2	6583503	6863034	6572808	6673115	2.47	cps
Indium	115-1	14034360	13747794	13433112	13738422	2.19	cps
Indium	115-2	2093530	2196997	2198150	2162892	2.78	cps
Iron	54-2	9203	8708	8903	8938	2.79	cps
Iron	56-2	146760	141340	141761	143287	2.10	cps
Iron	57-2	5334	4929	4834	5032	5.28	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-03	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-2S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:03:19	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	632	625	630	629	0.61	cps
Lead	206-1	1984	1989	1967	1980	0.58	cps
Lead	207-1	1795	1606	1533	1645	8.20	cps
Lead	208-1	7495	7595	7357	7482	1.60	cps
Lithium	6-1	10256065	10125261	9965316	10115547	1.44	cps
Magnesium	24-2	2137366	2038524	2094402	2090097	2.37	cps
Manganese	55-2	6642	6341	6415	6466	2.42	cps
Molybdenum	94-1	1183	1408	1492	1361	11.72	cps
Molybdenum	95-1	1750	1925	1875	1850	4.87	cps
Molybdenum	96-1	2084	2175	2100	2120	2.30	cps
Molybdenum	97-1	1183	1183	1225	1197	2.01	cps
Molybdenum	98-1	2934	2984	3159	3025	3.91	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	3260	3357	3217	3278	2.19	cps
Phosphorus	31-2	6810	6335	6768	6638	3.96	cps
Potassium	39-2	281251	288080	285076	284803	1.20	cps
Rhodium	103-1	13339169	13128405	13064889	13177488	1.09	cps
Rhodium	103-2	5582940	5812472	5973672	5789694	3.39	cps
Scandium	45-1	11676921	12132629	11822139	11877230	1.96	cps
Scandium	45-2	351381	358736	368306	359474	2.36	cps
Selenium	82-1	141	94	194	143	35.00	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	111	90	106	102	10.72	cps
Silicon	28-1	29975197	30052179	30256791	30094722	0.48	cps
Silver	107-1	267	125	233	208	35.55	cps
Silver	109-1	58	117	150	108	42.83	cps
Sodium	23-2	24566908	24852563	24177097	24532189	1.38	cps
Strontium	86-1	300372	309957	294469	301599	2.59	cps
Strontium	88-1	2697558	2688650	2678461	2688223	0.36	cps
Sulfur	34-1	783951	788658	778759	783789	0.63	cps
Terbium	159-1	15065959	14599809	14448312	14704693	2.19	cps
Terbium	159-2	6457455	6540157	6645981	6547864	1.44	cps
Thallium	203-1	333	317	283	311	8.18	cps
Thallium	205-1	900	783	842	842	6.93	cps
Tin	118-1	3025	3334	3334	3231	5.51	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-03	Instrumnet Name :	P8
Client Sample ID :	SCA-210-ROOM2-2S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:03:19	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2550	2692	2509	2584	3.72	cps
Uranium	238-1	608	367	475	483	25.04	cps
Vanadium	51-2	537	457	457	483	9.56	cps
Ytterbium	172-1	75	100	58	78	26.97	cps
Ytterbium	172-2	39	39	33	37	8.67	cps
Ytterbium	176-1	2342	2925	2942	2736	12.49	cps
Ytterbium	176-2	11005	12167	12223	11798	5.83	cps
Yttrium	89-1	23521947	23633720	23173385	23443018	1.02	cps
Yttrium	89-2	2588892	2588859	2693049	2623600	2.29	cps
Zinc	66-2	52183	50881	50496	51187	1.73	cps
Zirconium	90-1	1258	1150	1192	1200	4.55	cps
Zirconium	91-1	158	192	117	156	24.16	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-04	Instrumnet Name :	P8
Client Sample ID :	SCA-210-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:06:21	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	424	419	386	410	4.97	cps
Antimony	121-1	175	208	158	181	14.10	cps
Arsenic	75-2	5	9	3	6	53.91	cps
Barium	135-1	258	183	217	219	17.12	cps
Barium	137-1	383	350	317	350	9.52	cps
Beryllium	9-1	55	86	66	69	22.89	cps
Bismuth	209-1	8120707	8196775	7913769	8077084	1.81	cps
Bismuth	209-2	4693735	4671323	4704951	4690003	0.37	cps
Boron	10-1	5980	6180	5590	5917	5.07	cps
Boron	11-1	26130	26399	25409	25979	1.97	cps
Bromine	81-1	87487	84292	90425	87402	3.51	cps
Cadmium	111-1	6011	6418	5953	6127	4.13	cps
Cadmium	106-1	8636	9212	8519	8789	4.22	cps
Cadmium	108-1	79	79	75	78	3.10	cps
Calcium	43-1	787	670	726	728	8.07	cps
Calcium	44-1	21680	21763	21728	21723	0.19	cps
Carbon	12-1	10987320	11954770	12952269	11964786	8.21	cps
Carbon	12-2	148975	150381	149382	149579	0.48	cps
Chlorine	35-1	1699163	1637561	1619244	1651990	2.53	cps
Chlorine	35-2	10996	10871	11021	10963	0.73	cps
Chromium	52-2	4677	4734	4411	4607	3.75	cps
Cobalt	59-2	107	87	87	93	12.37	cps
Copper	63-1	12287	12048	12356	12230	1.32	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	92	108	50	83	36.06	cps
Erbium	164-2	33	47	27	36	28.64	cps
Gadolinium	160-1	208	125	83	139	45.82	cps
Gadolinium	160-2	183	147	140	157	14.90	cps
Holmium	165-1	14330539	14297329	13885995	14171288	1.75	cps
Holmium	165-2	6732532	7097143	6720248	6849974	3.13	cps
Indium	115-1	14030095	13339603	13459589	13609762	2.71	cps
Indium	115-2	2219658	2290405	2232755	2247606	1.67	cps
Iron	54-2	3278	2939	2895	3037	6.90	cps
Iron	56-2	39126	38235	36653	38005	3.30	cps
Iron	57-2	906	1033	1056	998	8.11	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-04	Instrumnet Name :	P8
Client Sample ID :	SCA-210-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:06:21	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	686	681	657	675	2.27	cps
Lead	206-1	2506	2284	2534	2441	5.61	cps
Lead	207-1	2095	2078	2178	2117	2.53	cps
Lead	208-1	9563	9190	9552	9435	2.25	cps
Lithium	6-1	10204785	9913817	9662130	9926911	2.74	cps
Magnesium	24-2	1342	1617	1583	1514	9.91	cps
Manganese	55-2	1210	1157	1250	1206	3.88	cps
Molybdenum	94-1	492	475	383	450	12.96	cps
Molybdenum	95-1	350	225	275	283	22.20	cps
Molybdenum	96-1	358	392	542	431	22.68	cps
Molybdenum	97-1	200	117	142	153	27.99	cps
Molybdenum	98-1	342	425	500	422	18.76	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	817	843	847	836	1.97	cps
Phosphorus	31-2	467	267	250	328	36.78	cps
Potassium	39-2	24864	24421	25239	24841	1.65	cps
Rhodium	103-1	13360084	13454101	12971557	13261914	1.93	cps
Rhodium	103-2	6030347	6230596	5933766	6064903	2.50	cps
Scandium	45-1	11686044	11669553	11184879	11513492	2.47	cps
Scandium	45-2	361815	374378	364040	366744	1.83	cps
Selenium	82-1	-5	36	26	19	112.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	113	101	105	6.32	cps
Silicon	28-1	1087320	1100924	1134618	1107621	2.20	cps
Silver	107-1	225	250	183	219	15.35	cps
Silver	109-1	117	108	100	108	7.69	cps
Sodium	23-2	48582	47963	48255	48267	0.64	cps
Strontium	86-1	1183	1183	1250	1206	3.19	cps
Strontium	88-1	1383	1734	1617	1578	11.30	cps
Sulfur	34-1	474722	480235	487511	480823	1.33	cps
Terbium	159-1	15178162	14554314	14154548	14629008	3.53	cps
Terbium	159-2	6459955	6819178	6707934	6662356	2.76	cps
Thallium	203-1	267	250	292	269	7.78	cps
Thallium	205-1	925	733	725	794	14.24	cps
Tin	118-1	3967	3409	3551	3642	7.97	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4175-04	Instrumnet Name :	P8
Client Sample ID :	SCA-210-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:06:21	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1067	1017	1042	1042	2.40	cps
Uranium	238-1	33	25	8	22	57.29	cps
Vanadium	51-2	33	50	10	31	64.58	cps
Ytterbium	172-1	75	125	67	89	35.49	cps
Ytterbium	172-2	67	33	44	48	35.25	cps
Ytterbium	176-1	2934	2575	2584	2698	7.58	cps
Ytterbium	176-2	11377	12072	12662	12037	5.34	cps
Yttrium	89-1	23660020	23872104	23641090	23724404	0.54	cps
Yttrium	89-2	2661154	2699308	2661754	2674072	0.82	cps
Zinc	66-2	1557	1453	1453	1488	4.01	cps
Zirconium	90-1	1050	1000	1050	1033	2.79	cps
Zirconium	91-1	208	133	175	172	21.82	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-01	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM1S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:09:29	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1746	1641	1690	1692	3.10	cps
Antimony	121-1	1108	1233	1075	1139	7.33	cps
Arsenic	75-2	71	81	69	74	8.73	cps
Barium	135-1	51081	51734	51048	51288	0.75	cps
Barium	137-1	90729	90436	89440	90202	0.75	cps
Beryllium	9-1	79	65	60	68	14.30	cps
Bismuth	209-1	7939705	7907788	7656015	7834503	1.98	cps
Bismuth	209-2	4578443	4693124	4623779	4631782	1.25	cps
Boron	10-1	13956	14933	14336	14408	3.42	cps
Boron	11-1	62884	66751	64372	64669	3.02	cps
Bromine	81-1	142031	141975	143299	142435	0.53	cps
Cadmium	111-1	6298	6279	5775	6117	4.85	cps
Cadmium	106-1	9011	8953	8236	8734	4.94	cps
Cadmium	108-1	79	67	46	64	26.36	cps
Calcium	43-1	881400	892522	874510	882811	1.03	cps
Calcium	44-1	14469362	14933609	14346545	14583172	2.12	cps
Carbon	12-1	13477947	14623147	14872845	14324646	5.19	cps
Carbon	12-2	174782	174552	173391	174242	0.43	cps
Chlorine	35-1	2763135	2956052	3087619	2935602	5.56	cps
Chlorine	35-2	25556	25932	26066	25851	1.02	cps
Chromium	52-2	28088	27153	27350	27530	1.79	cps
Cobalt	59-2	513	537	540	530	2.74	cps
Copper	63-1	435436	440556	423443	433145	2.03	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	108	83	75	89	19.52	cps
Erbium	164-2	27	10	37	24	55.11	cps
Gadolinium	160-1	83	133	133	117	24.74	cps
Gadolinium	160-2	203	180	157	180	12.96	cps
Holmium	165-1	14166464	13925083	13744584	13945377	1.52	cps
Holmium	165-2	6957147	6989250	7115190	7020529	1.19	cps
Indium	115-1	13945939	13359157	12931065	13412054	3.80	cps
Indium	115-2	2360407	2316177	2230849	2302478	2.86	cps
Iron	54-2	13073	12661	11916	12550	4.67	cps
Iron	56-2	202130	208134	199110	203125	2.26	cps
Iron	57-2	6607	6841	6813	6754	1.89	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-01	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM1S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:09:29	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	626	721	675	7.04	cps
Lead	206-1	2039	1917	2100	2019	4.63	cps
Lead	207-1	1561	1750	1772	1695	6.85	cps
Lead	208-1	7840	7812	7890	7847	0.50	cps
Lithium	6-1	10295775	10011808	9578225	9961936	3.63	cps
Magnesium	24-2	2240588	2137918	2052594	2143700	4.39	cps
Manganese	55-2	8669	8829	8259	8586	3.43	cps
Molybdenum	94-1	1850	1834	1650	1778	6.24	cps
Molybdenum	95-1	1859	2059	2142	2020	7.21	cps
Molybdenum	96-1	2642	2425	2475	2514	4.51	cps
Molybdenum	97-1	1583	1208	1250	1347	15.26	cps
Molybdenum	98-1	3309	3517	3517	3448	3.49	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	17	0	23	13	90.13	cps
Nickel	60-2	32922	32467	32140	32510	1.21	cps
Phosphorus	31-2	6960	6977	6893	6944	0.64	cps
Potassium	39-2	310226	307838	305188	307750	0.82	cps
Rhodium	103-1	13440014	13294548	12580394	13104985	3.51	cps
Rhodium	103-2	6178018	6316780	6280199	6258332	1.15	cps
Scandium	45-1	12143996	12102749	11395442	11880729	3.54	cps
Scandium	45-2	381019	378446	379831	379765	0.34	cps
Selenium	82-1	74	176	10	87	96.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	118	105	104	109	7.16	cps
Silicon	28-1	31762561	31827581	30714769	31434970	1.99	cps
Silver	107-1	158	183	250	197	24.03	cps
Silver	109-1	150	108	142	133	16.54	cps
Sodium	23-2	26096994	25803542	25485055	25795197	1.19	cps
Strontium	86-1	312058	322920	315618	316865	1.75	cps
Strontium	88-1	2792863	2830746	2804433	2809347	0.69	cps
Sulfur	34-1	812283	805642	789736	802554	1.44	cps
Terbium	159-1	14794425	14747461	13872098	14471328	3.59	cps
Terbium	159-2	6937337	6782060	6875000	6864799	1.14	cps
Thallium	203-1	358	300	400	353	14.24	cps
Thallium	205-1	800	783	758	781	2.69	cps
Tin	118-1	4484	4267	4142	4298	4.02	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-01	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM1S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:09:29	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2875	2875	2909	2886	0.67	cps
Uranium	238-1	433	325	475	411	18.83	cps
Vanadium	51-2	627	663	600	630	5.05	cps
Ytterbium	172-1	92	67	142	100	38.19	cps
Ytterbium	172-2	89	33	39	54	56.98	cps
Ytterbium	176-1	2617	2509	2425	2517	3.82	cps
Ytterbium	176-2	11911	12784	12161	12286	3.66	cps
Yttrium	89-1	24115750	24624340	22996399	23912163	3.48	cps
Yttrium	89-2	2818779	2722929	2716354	2752687	2.08	cps
Zinc	66-2	45400	46058	43761	45073	2.62	cps
Zirconium	90-1	1333	1592	1467	1464	8.83	cps
Zirconium	91-1	325	283	258	289	11.66	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-02	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:12:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1250	1210	1199	1219	2.21	cps
Antimony	121-1	992	1000	1183	1058	10.24	cps
Arsenic	75-2	55	62	65	61	8.46	cps
Barium	135-1	49375	49433	50545	49785	1.32	cps
Barium	137-1	82722	87829	86167	85572	3.04	cps
Beryllium	9-1	75	64	62	67	10.26	cps
Bismuth	209-1	7832346	7967810	8074856	7958337	1.53	cps
Bismuth	209-2	4730792	4743743	4522482	4665672	2.66	cps
Boron	10-1	13247	14244	14657	14049	5.16	cps
Boron	11-1	60917	64153	64131	63067	2.95	cps
Bromine	81-1	141303	138060	145815	141726	2.75	cps
Cadmium	111-1	6452	6170	6284	6302	2.25	cps
Cadmium	106-1	9120	8653	8853	8875	2.64	cps
Cadmium	108-1	46	58	54	53	12.06	cps
Calcium	43-1	855876	848259	864850	856328	0.97	cps
Calcium	44-1	14048803	14117016	13918244	14028021	0.72	cps
Carbon	12-1	13699939	14820721	15408146	14642935	5.93	cps
Carbon	12-2	174782	177395	170877	174351	1.88	cps
Chlorine	35-1	3054333	3262886	3501083	3272767	6.83	cps
Chlorine	35-2	25415	26366	26942	26241	2.94	cps
Chromium	52-2	5641	5474	5564	5560	1.50	cps
Cobalt	59-2	307	387	430	374	16.71	cps
Copper	63-1	3047527	3129821	3066254	3081201	1.40	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	108	100	100	103	4.68	cps
Erbium	164-2	30	23	30	28	13.86	cps
Gadolinium	160-1	158	75	67	100	50.69	cps
Gadolinium	160-2	153	190	147	163	14.28	cps
Holmium	165-1	14071069	13794561	13728849	13864826	1.31	cps
Holmium	165-2	7075956	7088092	6895378	7019808	1.54	cps
Indium	115-1	13978470	13959550	13633306	13857108	1.40	cps
Indium	115-2	2297060	2315103	2299514	2303892	0.42	cps
Iron	54-2	7235	7274	7235	7248	0.31	cps
Iron	56-2	115302	112884	111287	113158	1.79	cps
Iron	57-2	4329	4084	4312	4241	3.22	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-02	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:12:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	642	649	639	643	0.79	cps
Lead	206-1	1872	1667	1834	1791	6.10	cps
Lead	207-1	1583	1606	1517	1569	2.95	cps
Lead	208-1	7073	6973	6801	6949	1.98	cps
Lithium	6-1	10490933	10207174	9865687	10187931	3.07	cps
Magnesium	24-2	2074446	2134968	2015116	2074843	2.89	cps
Manganese	55-2	8269	8089	7959	8106	1.92	cps
Molybdenum	94-1	1192	1233	1150	1192	3.50	cps
Molybdenum	95-1	1558	1692	1717	1656	5.14	cps
Molybdenum	96-1	1875	1750	1775	1800	3.67	cps
Molybdenum	97-1	1150	1067	1083	1100	4.01	cps
Molybdenum	98-1	2759	2759	2775	2764	0.35	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	3877	3547	3500	3642	5.64	cps
Phosphorus	31-2	7127	7511	6668	7102	5.94	cps
Potassium	39-2	288607	280172	281025	283268	1.64	cps
Rhodium	103-1	13530899	12995553	13286281	13270911	2.02	cps
Rhodium	103-2	6173484	6073666	6181851	6143000	0.98	cps
Scandium	45-1	11807908	12008730	11945223	11920620	0.86	cps
Scandium	45-2	378694	385281	380723	381566	0.88	cps
Selenium	82-1	82	66	84	77	12.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	95	116	108	106	9.97	cps
Silicon	28-1	29350203	30691703	30101490	30047799	2.24	cps
Silver	107-1	317	283	300	300	5.56	cps
Silver	109-1	150	183	242	192	24.21	cps
Sodium	23-2	24218286	24830511	24353779	24467526	1.31	cps
Strontium	86-1	299091	302620	303242	301651	0.74	cps
Strontium	88-1	2711741	2641482	2666661	2673295	1.33	cps
Sulfur	34-1	778206	794469	795489	789388	1.23	cps
Terbium	159-1	14757036	14820463	15166485	14914661	1.48	cps
Terbium	159-2	6872974	7058891	6796896	6909587	1.95	cps
Thallium	203-1	467	292	333	364	25.12	cps
Thallium	205-1	725	758	783	756	3.87	cps
Tin	118-1	4159	4242	4142	4181	1.28	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-02	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ADAS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:12:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6895	2384	2250	3843	68.80	cps
Uranium	238-1	342	450	350	381	15.84	cps
Vanadium	51-2	490	440	480	470	5.63	cps
Ytterbium	172-1	75	117	75	89	27.07	cps
Ytterbium	172-2	44	56	78	59	28.64	cps
Ytterbium	176-1	2659	2442	2759	2620	6.18	cps
Ytterbium	176-2	12306	12328	12584	12406	1.25	cps
Yttrium	89-1	24885535	23887959	24264085	24345860	2.07	cps
Yttrium	89-2	2758985	2827751	2763879	2783538	1.38	cps
Zinc	66-2	74267	73778	72887	73644	0.95	cps
Zirconium	90-1	992	1117	1158	1089	7.97	cps
Zirconium	91-1	192	192	183	189	2.55	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-03	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:15:34	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1470	1449	1531	1483	2.89	cps
Antimony	121-1	1067	1100	975	1047	6.18	cps
Arsenic	75-2	75	78	82	78	4.48	cps
Barium	135-1	54318	56796	54294	55136	2.61	cps
Barium	137-1	96580	92407	94683	94557	2.21	cps
Beryllium	9-1	60	62	70	64	8.11	cps
Bismuth	209-1	7942578	7969119	7743360	7885019	1.56	cps
Bismuth	209-2	4629515	4638444	4515268	4594409	1.49	cps
Boron	10-1	13836	14334	14713	14294	3.08	cps
Boron	11-1	62948	63842	66277	64356	2.68	cps
Bromine	81-1	143991	150529	150971	148497	2.63	cps
Cadmium	111-1	6227	6060	5729	6006	4.22	cps
Cadmium	106-1	8895	8661	8211	8589	4.05	cps
Cadmium	108-1	58	75	92	75	22.23	cps
Calcium	43-1	936767	920119	928118	928335	0.90	cps
Calcium	44-1	14755483	15176239	15328149	15086624	1.97	cps
Carbon	12-1	13219642	14001355	14545994	13922330	4.79	cps
Carbon	12-2	162351	165104	165643	164366	1.07	cps
Chlorine	35-1	3415399	3591513	3746733	3584548	4.62	cps
Chlorine	35-2	28337	28704	29773	28938	2.58	cps
Chromium	52-2	6838	6895	6872	6868	0.41	cps
Cobalt	59-2	383	427	390	400	5.83	cps
Copper	63-1	1275719	1264520	1259968	1266735	0.64	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	50	50	58	53	9.11	cps
Erbium	164-2	23	23	53	33	51.97	cps
Gadolinium	160-1	167	92	117	125	30.55	cps
Gadolinium	160-2	170	167	150	162	6.61	cps
Holmium	165-1	13629438	14149227	13699111	13825925	2.04	cps
Holmium	165-2	7112179	6996048	6713820	6940682	2.95	cps
Indium	115-1	13275431	13670974	13730653	13559019	1.82	cps
Indium	115-2	2256578	2204864	2291716	2251053	1.94	cps
Iron	54-2	10220	10087	9898	10069	1.61	cps
Iron	56-2	160100	161944	162911	161652	0.88	cps
Iron	57-2	5885	5823	5473	5727	3.87	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-03	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:15:34	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	652	675	654	660	1.91	cps
Lead	206-1	2222	2000	2139	2121	5.29	cps
Lead	207-1	1550	1872	1672	1698	9.58	cps
Lead	208-1	8362	8096	8185	8214	1.65	cps
Lithium	6-1	9646073	9633793	9866209	9715358	1.35	cps
Magnesium	24-2	2160347	2111334	2154950	2142210	1.25	cps
Manganese	55-2	6235	6018	6098	6117	1.79	cps
Molybdenum	94-1	1225	1375	1450	1350	8.49	cps
Molybdenum	95-1	1850	1800	1834	1828	1.39	cps
Molybdenum	96-1	2359	2217	2367	2314	3.64	cps
Molybdenum	97-1	1233	983	1150	1122	11.34	cps
Molybdenum	98-1	2925	2959	2967	2950	0.75	cps
Neodymium	150-1	20	40	27	29	35.25	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	3784	3714	3530	3676	3.56	cps
Phosphorus	31-2	7502	6868	6910	7094	5.00	cps
Potassium	39-2	309995	305870	302874	306246	1.17	cps
Rhodium	103-1	12961544	13455436	13189526	13202169	1.87	cps
Rhodium	103-2	6007173	5811999	6010656	5943276	1.91	cps
Scandium	45-1	11822799	11877000	11609092	11769630	1.20	cps
Scandium	45-2	375614	376966	377067	376549	0.22	cps
Selenium	82-1	81	39	122	81	51.80	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	103	96	95	98	4.45	cps
Silicon	28-1	32304332	31738146	31912761	31985080	0.91	cps
Silver	107-1	200	242	250	231	11.62	cps
Silver	109-1	125	100	142	122	17.16	cps
Sodium	23-2	26272095	26168009	25046635	25828913	2.63	cps
Strontium	86-1	322650	331100	322773	325507	1.49	cps
Strontium	88-1	2914596	2981206	2917028	2937610	1.29	cps
Sulfur	34-1	818627	817293	799688	811869	1.30	cps
Terbium	159-1	14034765	15018469	14171592	14408276	3.70	cps
Terbium	159-2	6840839	6840401	6671437	6784226	1.44	cps
Thallium	203-1	275	350	300	308	12.39	cps
Thallium	205-1	758	783	858	800	6.51	cps
Tin	118-1	3276	3200	3526	3334	5.11	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-03	Instrumnet Name :	P8
Client Sample ID :	SCA-513-ROOM3S	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:15:34	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2317	2450	2409	2392	2.85	cps
Uranium	238-1	450	425	475	450	5.56	cps
Vanadium	51-2	560	573	460	531	11.66	cps
Ytterbium	172-1	75	100	75	83	17.32	cps
Ytterbium	172-2	83	44	78	69	30.69	cps
Ytterbium	176-1	2525	2459	2575	2520	2.32	cps
Ytterbium	176-2	12206	12417	12050	12224	1.51	cps
Yttrium	89-1	23452755	24461368	23837828	23917317	2.13	cps
Yttrium	89-2	2718901	2676352	2752077	2715777	1.40	cps
Zinc	66-2	43055	43082	43049	43062	0.04	cps
Zirconium	90-1	1117	1392	900	1136	21.69	cps
Zirconium	91-1	267	175	267	236	22.41	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-04	Instrumnet Name :	P8
Client Sample ID :	SCA-513-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:18:36	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305	299	291	298	2.31	cps
Antimony	121-1	67	67	100	78	24.74	cps
Arsenic	75-2	7	9	5	7	28.57	cps
Barium	135-1	100	183	92	125	40.55	cps
Barium	137-1	133	183	217	178	23.59	cps
Beryllium	9-1	66	80	79	75	10.14	cps
Bismuth	209-1	8098309	8100303	7687247	7961953	2.99	cps
Bismuth	209-2	4678419	4822963	4810643	4770675	1.68	cps
Boron	10-1	4704	4182	4336	4407	6.09	cps
Boron	11-1	19689	19759	18386	19278	4.01	cps
Bromine	81-1	89852	93328	90456	91212	2.04	cps
Cadmium	111-1	6100	6301	6240	6214	1.66	cps
Cadmium	106-1	8745	9020	8895	8886	1.55	cps
Cadmium	108-1	67	54	46	56	18.88	cps
Calcium	43-1	970	900	909	926	4.12	cps
Calcium	44-1	23688	23867	23888	23814	0.46	cps
Carbon	12-1	10068366	11082304	11567017	10905896	7.01	cps
Carbon	12-2	133490	134310	137649	135150	1.63	cps
Chlorine	35-1	2029304	1977021	1908923	1971749	3.06	cps
Chlorine	35-2	13548	13156	13014	13240	2.09	cps
Chromium	52-2	3871	3547	3510	3643	5.44	cps
Cobalt	59-2	93	113	93	100	11.55	cps
Copper	63-1	10905	10828	10527	10753	1.85	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	50	58	83	64	27.16	cps
Erbium	164-2	13	37	27	26	45.82	cps
Gadolinium	160-1	142	117	67	108	35.25	cps
Gadolinium	160-2	150	160	200	170	15.56	cps
Holmium	165-1	14565337	14081434	14015160	14220644	2.11	cps
Holmium	165-2	6605373	6847979	6885902	6779751	2.24	cps
Indium	115-1	13834001	13797876	13522721	13718199	1.24	cps
Indium	115-2	2221064	2253927	2286571	2253854	1.45	cps
Iron	54-2	2717	2895	2800	2804	3.17	cps
Iron	56-2	33373	35450	34488	34437	3.02	cps
Iron	57-2	761	1067	761	863	20.44	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-04	Instrumnet Name :	P8
Client Sample ID :	SCA-513-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:18:36	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	649	636	611	632	3.02	cps
Lead	206-1	1445	1556	1578	1526	4.68	cps
Lead	207-1	1328	1256	1206	1263	4.87	cps
Lead	208-1	5895	5878	6006	5927	1.17	cps
Lithium	6-1	9971054	10208416	10045069	10074846	1.21	cps
Magnesium	24-2	1750	2575	1825	2050	22.26	cps
Manganese	55-2	953	950	850	918	6.40	cps
Molybdenum	94-1	250	317	292	286	11.77	cps
Molybdenum	95-1	217	150	158	175	20.76	cps
Molybdenum	96-1	267	333	375	325	16.81	cps
Molybdenum	97-1	50	83	67	67	25.00	cps
Molybdenum	98-1	283	217	208	236	17.41	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	700	630	670	667	5.27	cps
Phosphorus	31-2	350	317	358	342	6.45	cps
Potassium	39-2	22744	22952	23302	22999	1.23	cps
Rhodium	103-1	13565336	13768277	13448555	13594056	1.19	cps
Rhodium	103-2	6093234	6267737	6273740	6211570	1.65	cps
Scandium	45-1	11981559	11973306	11451412	11802092	2.57	cps
Scandium	45-2	374756	373776	378045	375526	0.60	cps
Selenium	82-1	39	40	38	39	3.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	101	113	109	108	5.67	cps
Silicon	28-1	1034474	1045486	1057465	1045808	1.10	cps
Silver	107-1	217	200	217	211	4.56	cps
Silver	109-1	100	100	75	92	15.75	cps
Sodium	23-2	27259	29950	25122	27444	8.81	cps
Strontium	86-1	1133	1233	1167	1178	4.32	cps
Strontium	88-1	942	850	917	903	5.25	cps
Sulfur	34-1	474814	479210	488484	480836	1.45	cps
Terbium	159-1	14995151	14974480	14236108	14735246	2.93	cps
Terbium	159-2	6581198	6834306	6751403	6722302	1.92	cps
Thallium	203-1	292	300	275	289	4.41	cps
Thallium	205-1	775	542	658	658	17.72	cps
Tin	118-1	2334	2409	2459	2400	2.62	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4177-04	Instrumnet Name :	P8
Client Sample ID :	SCA-513-BLANK	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:18:36	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	908	842	858	869	3.99	cps
Uranium	238-1	17	33	42	31	41.66	cps
Vanadium	51-2	43	37	50	43	15.38	cps
Ytterbium	172-1	83	58	58	67	21.65	cps
Ytterbium	172-2	56	44	33	44	25.01	cps
Ytterbium	176-1	2550	2784	2192	2509	11.88	cps
Ytterbium	176-2	12300	12211	12184	12232	0.50	cps
Yttrium	89-1	24518373	24016575	23843569	24126172	1.45	cps
Yttrium	89-2	2640713	2752759	2694164	2695879	2.08	cps
Zinc	66-2	993	1053	1020	1022	2.94	cps
Zirconium	90-1	875	1200	958	1011	16.70	cps
Zirconium	91-1	167	117	108	131	24.16	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01DUP	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASDL	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:21:44	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1734	1694	1626	1684	3.23	cps
Antimony	121-1	1150	1233	1283	1222	5.51	cps
Arsenic	75-2	59	63	69	64	7.90	cps
Barium	135-1	49759	49399	49843	49667	0.47	cps
Barium	137-1	87576	85640	86376	86531	1.13	cps
Beryllium	9-1	71	56	77	68	15.98	cps
Bismuth	209-1	7765699	7455292	7915157	7712049	3.04	cps
Bismuth	209-2	4630875	4434727	4575545	4547049	2.22	cps
Boron	10-1	13057	13446	13482	13328	1.77	cps
Boron	11-1	57720	58863	58981	58521	1.19	cps
Bromine	81-1	149814	153129	152814	151919	1.20	cps
Cadmium	111-1	5938	5982	6207	6042	2.39	cps
Cadmium	106-1	8436	8545	8820	8600	2.30	cps
Cadmium	108-1	67	71	54	64	13.57	cps
Calcium	43-1	867800	869865	864913	867526	0.29	cps
Calcium	44-1	14183579	13882171	13983016	14016255	1.09	cps
Carbon	12-1	17081481	18054349	19198793	18111541	5.85	cps
Carbon	12-2	212457	220091	213478	215342	1.92	cps
Chlorine	35-1	2861902	3071906	3157346	3030385	5.02	cps
Chlorine	35-2	24304	24513	25248	24688	2.01	cps
Chromium	52-2	4567	4684	4511	4587	1.93	cps
Cobalt	59-2	263	320	237	273	15.57	cps
Copper	63-1	502274	499026	492538	497946	1.00	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	17	13	11	62.48	cps
Erbium	164-1	83	67	67	72	13.33	cps
Erbium	164-2	23	63	37	41	49.54	cps
Gadolinium	160-1	117	150	158	142	15.56	cps
Gadolinium	160-2	170	160	173	168	4.14	cps
Holmium	165-1	13768949	14114806	14239919	14041225	1.74	cps
Holmium	165-2	7024993	6812662	7028059	6955238	1.78	cps
Indium	115-1	14059077	13595222	13636746	13763681	1.86	cps
Indium	115-2	2286183	2197950	2208581	2230905	2.16	cps
Iron	54-2	7085	6240	6724	6683	6.34	cps
Iron	56-2	102685	101644	104801	103043	1.56	cps
Iron	57-2	4501	4034	4034	4190	6.43	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01DUP	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASDU	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:21:44	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	654	646	642	2.10	cps
Lead	206-1	2211	2322	2639	2391	9.29	cps
Lead	207-1	1939	2084	2084	2035	4.10	cps
Lead	208-1	9174	9513	9785	9490	3.23	cps
Lithium	6-1	10428916	10199161	9752912	10126996	3.39	cps
Magnesium	24-2	2061380	2041072	2019923	2040792	1.02	cps
Manganese	55-2	2707	2537	2500	2581	4.27	cps
Molybdenum	94-1	1250	1308	1158	1239	6.10	cps
Molybdenum	95-1	1942	1884	1884	1903	1.77	cps
Molybdenum	96-1	2150	2100	2392	2214	7.05	cps
Molybdenum	97-1	950	1183	925	1020	13.98	cps
Molybdenum	98-1	2992	2742	3034	2923	5.40	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	61606	60589	59571	60589	1.68	cps
Phosphorus	31-2	7444	7019	7144	7202	3.03	cps
Potassium	39-2	288704	289988	283200	287297	1.26	cps
Rhodium	103-1	13519449	13110708	13731239	13453798	2.34	cps
Rhodium	103-2	6186349	5919536	6074979	6060288	2.21	cps
Scandium	45-1	12024393	11490106	11843752	11786083	2.31	cps
Scandium	45-2	380037	369120	377112	375423	1.51	cps
Selenium	82-1	155	91	134	127	25.63	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	129	103	94	109	16.72	cps
Silicon	28-1	31568664	31245656	31426142	31413488	0.52	cps
Silver	107-1	292	233	250	258	11.63	cps
Silver	109-1	92	67	67	75	19.24	cps
Sodium	23-2	24206554	24545523	23405058	24052378	2.43	cps
Strontium	86-1	312829	309194	307124	309716	0.93	cps
Strontium	88-1	2727782	2738497	2727502	2731260	0.23	cps
Sulfur	34-1	812989	801521	791219	801910	1.36	cps
Terbium	159-1	14514768	14878342	15307682	14900264	2.66	cps
Terbium	159-2	7134750	6864379	6856843	6951991	2.28	cps
Thallium	203-1	300	217	300	272	17.67	cps
Thallium	205-1	683	625	667	658	4.56	cps
Tin	118-1	12640	12489	12631	12587	0.67	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01DUP	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASDU	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:21:44	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2584	2734	2559	2625	3.61	cps
Uranium	238-1	300	383	367	350	12.60	cps
Vanadium	51-2	517	423	390	443	14.81	cps
Ytterbium	172-1	125	117	108	117	7.14	cps
Ytterbium	172-2	89	67	111	89	25.00	cps
Ytterbium	176-1	2567	2450	2600	2539	3.10	cps
Ytterbium	176-2	12045	12084	12456	12195	1.86	cps
Yttrium	89-1	24067199	23769754	24532846	24123266	1.59	cps
Yttrium	89-2	2784321	2733266	2626147	2714578	2.97	cps
Zinc	66-2	64754	63659	62628	63680	1.67	cps
Zirconium	90-1	1208	825	1100	1045	18.92	cps
Zirconium	91-1	192	200	150	181	14.84	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01LX5	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASL	Dilution Factor :	5
Date & Time Acquired :	2022-08-11 18:24:47	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	452	486	471	470	3.60	cps
Antimony	121-1	292	283	342	306	10.33	cps
Arsenic	75-2	21	30	13	21	39.87	cps
Barium	135-1	9729	9078	9504	9437	3.50	cps
Barium	137-1	16302	16611	17061	16658	2.29	cps
Beryllium	9-1	80	65	55	67	18.88	cps
Bismuth	209-1	7334643	8083182	8224450	7880758	6.07	cps
Bismuth	209-2	5113370	4634364	4809460	4852398	4.99	cps
Boron	10-1	5458	5172	5468	5366	3.13	cps
Boron	11-1	23624	24714	23739	24026	2.49	cps
Bromine	81-1	99367	102181	98597	100048	1.89	cps
Cadmium	111-1	5546	5849	6059	5818	4.43	cps
Cadmium	106-1	7936	8394	8653	8328	4.36	cps
Cadmium	108-1	67	75	63	68	9.35	cps
Calcium	43-1	166632	165587	166644	166288	0.36	cps
Calcium	44-1	2817582	2730698	2774034	2774104	1.57	cps
Carbon	12-1	11395205	11566611	11662116	11541311	1.17	cps
Carbon	12-2	124846	121965	122636	123149	1.22	cps
Chlorine	35-1	1869736	1922224	1864387	1885449	1.70	cps
Chlorine	35-2	13256	13056	12898	13070	1.38	cps
Chromium	52-2	1287	1233	1097	1206	8.13	cps
Cobalt	59-2	97	107	90	98	8.58	cps
Copper	63-1	103574	102220	103226	103007	0.68	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	58	58	100	72	33.31	cps
Erbium	164-2	23	37	27	29	24.03	cps
Gadolinium	160-1	108	117	75	100	22.05	cps
Gadolinium	160-2	123	153	190	156	21.46	cps
Holmium	165-1	12938755	13997326	13882287	13606122	4.27	cps
Holmium	165-2	7308772	6880213	6766002	6984996	4.10	cps
Indium	115-1	12597363	13752460	13841835	13397220	5.18	cps
Indium	115-2	2322473	2241959	2296718	2287050	1.80	cps
Iron	54-2	2000	1922	2178	2034	6.44	cps
Iron	56-2	23714	24366	23358	23813	2.14	cps
Iron	57-2	1000	1006	906	970	5.79	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01LX5	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASL	Dilution Factor :	5
Date & Time Acquired :	2022-08-11 18:24:47	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	685	694	695	691	0.79	cps
Lead	206-1	1361	1283	1417	1354	4.95	cps
Lead	207-1	1089	1133	1089	1104	2.32	cps
Lead	208-1	4995	5028	5095	5039	1.01	cps
Lithium	6-1	9101353	9824694	9732066	9552704	4.12	cps
Magnesium	24-2	387005	388394	382683	386027	0.77	cps
Manganese	55-2	593	610	593	599	1.61	cps
Molybdenum	94-1	467	583	392	481	20.10	cps
Molybdenum	95-1	400	475	492	456	10.72	cps
Molybdenum	96-1	467	558	583	536	11.46	cps
Molybdenum	97-1	167	242	175	194	21.14	cps
Molybdenum	98-1	608	650	725	661	8.94	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	11702	12229	11265	11732	4.12	cps
Phosphorus	31-2	1592	1683	1475	1583	6.60	cps
Potassium	39-2	73840	73462	73136	73479	0.48	cps
Rhodium	103-1	12480660	13470001	13512003	13154222	4.44	cps
Rhodium	103-2	6510868	6034740	6231769	6259126	3.82	cps
Scandium	45-1	10918724	11412704	11740696	11357375	3.64	cps
Scandium	45-2	382037	376330	366202	374856	2.14	cps
Selenium	82-1	18	39	21	26	43.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	116	98	112	109	8.70	cps
Silicon	28-1	6581348	6699113	6660307	6646922	0.90	cps
Silver	107-1	142	267	217	208	30.20	cps
Silver	109-1	117	117	133	122	7.87	cps
Sodium	23-2	4718165	4745969	4580746	4681627	1.89	cps
Strontium	86-1	61128	60231	60482	60613	0.76	cps
Strontium	88-1	504364	504600	516920	508628	1.41	cps
Sulfur	34-1	545769	536482	540696	540982	0.86	cps
Terbium	159-1	14024012	14574188	14240170	14279457	1.94	cps
Terbium	159-2	7112888	6647532	6814013	6858145	3.44	cps
Thallium	203-1	367	325	325	339	7.10	cps
Thallium	205-1	692	708	708	703	1.37	cps
Tin	118-1	9304	9662	9846	9604	2.87	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01LX5	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASL	Dilution Factor :	5
Date & Time Acquired :	2022-08-11 18:24:47	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	958	1100	1050	1036	6.94	cps
Uranium	238-1	50	108	117	92	39.63	cps
Vanadium	51-2	70	87	107	88	20.92	cps
Ytterbium	172-1	75	117	108	100	22.05	cps
Ytterbium	172-2	50	44	44	46	6.92	cps
Ytterbium	176-1	2392	2242	2542	2392	6.27	cps
Ytterbium	176-2	12678	12134	12868	12560	3.03	cps
Yttrium	89-1	22199047	24179761	23761333	23380047	4.47	cps
Yttrium	89-2	2756288	2653397	2780292	2729993	2.47	cps
Zinc	66-2	12806	12385	12339	12510	2.06	cps
Zirconium	90-1	808	942	883	878	7.61	cps
Zirconium	91-1	183	133	125	147	21.43	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:27:53	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5048434	4854070	4755181	4885895	3.05	cps
Antimony	121-1	3483424	3539445	3508520	3510463	0.80	cps
Arsenic	75-2	126879	125150	126440	126157	0.71	cps
Barium	135-1	5024000	4970523	4885724	4960082	1.41	cps
Barium	137-1	8643519	8324997	8365879	8444798	2.05	cps
Beryllium	9-1	1895287	1932452	1903592	1910444	1.02	cps
Bismuth	209-1	6901163	6927548	6757393	6862035	1.33	cps
Bismuth	209-2	3959978	4113096	3961122	4011399	2.20	cps
Boron	10-1	567941	579931	596987	581620	2.51	cps
Boron	11-1	2388925	2494814	2642033	2508591	5.07	cps
Bromine	81-1	84038	79758	79669	81155	3.08	cps
Cadmium	111-1	1153777	1137111	1158568	1149819	0.98	cps
Cadmium	106-1	137871	144219	140051	140714	2.29	cps
Cadmium	108-1	92396	91263	90336	91332	1.13	cps
Calcium	43-1	9975516	9932345	9753839	9887233	1.19	cps
Calcium	44-1	157827307	155432006	153983307	155747540	1.25	cps
Carbon	12-1	9500862	9687568	9920574	9703001	2.17	cps
Carbon	12-2	114158	114973	116494	115208	1.03	cps
Chlorine	35-1	1339934	1358858	1311006	1336599	1.80	cps
Chlorine	35-2	8695	9011	8945	8884	1.88	cps
Chromium	52-2	1448142	1420835	1420805	1429927	1.10	cps
Cobalt	59-2	2531753	2421939	2510775	2488156	2.34	cps
Copper	63-1	61675754	61464902	59755243	60965300	1.73	cps
Dysprosium	156-1	567	492	633	564	12.57	cps
Dysprosium	156-2	240	243	243	242	0.80	cps
Erbium	164-1	133	108	125	122	10.41	cps
Erbium	164-2	67	53	63	61	11.36	cps
Gadolinium	160-1	375	400	375	383	3.77	cps
Gadolinium	160-2	350	373	273	332	15.75	cps
Holmium	165-1	13411678	13501683	13592050	13501804	0.67	cps
Holmium	165-2	6568024	6467704	6644145	6559958	1.35	cps
Indium	115-1	12497061	12026671	12180084	12234606	1.96	cps
Indium	115-2	2021830	2039903	2051002	2037578	0.72	cps
Iron	54-2	16095323	15672882	15895292	15887833	1.33	cps
Iron	56-2	288740462	288194173	285641556	287525397	0.58	cps
Iron	57-2	7379221	7201261	7356382	7312288	1.32	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:27:53	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	692	669	680	680	1.75	cps
Lead	206-1	13459638	13145053	13171442	13258711	1.32	cps
Lead	207-1	10927958	10961300	11202226	11030495	1.36	cps
Lead	208-1	51991332	50902091	51988116	51627180	1.22	cps
Lithium	6-1	9331254	9395681	9292097	9339677	0.56	cps
Magnesium	24-2	63847864	63129243	63173835	63383647	0.64	cps
Manganese	55-2	7664689	7428971	7486305	7526655	1.63	cps
Molybdenum	94-1	16754755	17443105	16692626	16963495	2.46	cps
Molybdenum	95-1	24109745	24461069	24069098	24213304	0.89	cps
Molybdenum	96-1	26570401	27297485	26707115	26858333	1.44	cps
Molybdenum	97-1	14956809	14926750	14732328	14871963	0.82	cps
Molybdenum	98-1	38595737	38509856	37686622	38264072	1.31	cps
Neodymium	150-1	513	567	500	527	6.70	cps
Neodymium	150-2	60	47	57	54	12.74	cps
Nickel	60-2	673552	651815	655669	660345	1.76	cps
Phosphorus	31-2	56101	55616	53600	55106	2.41	cps
Potassium	39-2	23050683	22033477	22885392	22656517	2.41	cps
Rhodium	103-1	11641989	11504139	11748415	11631514	1.05	cps
Rhodium	103-2	5292603	5203006	5425012	5306874	2.10	cps
Scandium	45-1	11270504	11076264	11061162	11135977	1.05	cps
Scandium	45-2	352530	356708	362764	357334	1.44	cps
Selenium	82-1	107930	106732	105698	106787	1.05	cps
Selenium	77-2	3484	3400	3210	3365	4.16	cps
Selenium	78-2	11398	11082	11142	11207	1.50	cps
Silicon	28-1	39067864	38686510	38638688	38797688	0.61	cps
Silver	107-1	6115865	6346135	6034699	6165566	2.62	cps
Silver	109-1	5786901	5789860	5694295	5757019	0.94	cps
Sodium	23-2	126802811	122856278	123745790	124468293	1.66	cps
Strontium	86-1	41390444	41477130	41094218	41320597	0.49	cps
Strontium	88-1	350563475	363610100	353074008	355749194	1.95	cps
Sulfur	34-1	1163123	1156761	1153300	1157728	0.43	cps
Terbium	159-1	14183959	13995381	13931428	14036923	0.94	cps
Terbium	159-2	6189347	6430191	6492747	6370762	2.51	cps
Thallium	203-1	3316083	3196387	3219487	3243986	1.96	cps
Thallium	205-1	7732298	7587934	7639567	7653266	0.96	cps
Tin	118-1	3624372	3644210	3679184	3649255	0.76	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:27:53	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8729736	8750262	8362212	8614070	2.53	cps
Uranium	238-1	9713073	9388636	9485837	9529182	1.75	cps
Vanadium	51-2	1103060	1108177	1104846	1105361	0.23	cps
Ytterbium	172-1	183	142	158	161	13.02	cps
Ytterbium	172-2	117	122	111	117	4.76	cps
Ytterbium	176-1	9821	10213	9570	9868	3.28	cps
Ytterbium	176-2	14964	15543	15348	15285	1.93	cps
Yttrium	89-1	23027089	22345196	22804396	22725560	1.53	cps
Yttrium	89-2	2607969	2525220	2577523	2570237	1.63	cps
Zinc	66-2	2207199	2160513	2184212	2183975	1.07	cps
Zirconium	90-1	8693420	8800529	8672325	8722091	0.79	cps
Zirconium	91-1	1973484	2026466	1987095	1995681	1.38	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P8
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 18:33:15 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	206	201	197	5.63	cps
Antimony	121-1	608	583	708	633	10.44	cps
Arsenic	75-2	3	18	5	9	93.98	cps
Barium	135-1	17	50	17	28	69.27	cps
Barium	137-1	50	75	92	72	29.04	cps
Beryllium	9-1	125	106	101	111	11.30	cps
Bismuth	209-1	8247474	8141562	8232249	8207095	0.70	cps
Bismuth	209-2	4970207	4900034	4662196	4844146	3.33	cps
Boron	10-1	18730	18618	17579	18309	3.47	cps
Boron	11-1	84382	79104	79510	80998	3.63	cps
Bromine	81-1	83227	84928	88612	85589	3.22	cps
Cadmium	111-1	5999	5962	5907	5956	0.78	cps
Cadmium	106-1	8620	8561	8545	8575	0.46	cps
Cadmium	108-1	121	104	142	122	15.37	cps
Calcium	43-1	445	482	421	450	6.87	cps
Calcium	44-1	15120	15580	15655	15452	1.88	cps
Carbon	12-1	8578923	8480571	8563403	8540965	0.62	cps
Carbon	12-2	91736	92072	89162	90990	1.75	cps
Chlorine	35-1	849044	853494	816729	839756	2.39	cps
Chlorine	35-2	5885	6443	5393	5907	8.90	cps
Chromium	52-2	993	887	990	957	6.34	cps
Cobalt	59-2	70	47	53	57	21.21	cps
Copper	63-1	10515	9661	9484	9886	5.58	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	83	50	25	53	55.46	cps
Erbium	164-2	23	33	33	30	19.25	cps
Gadolinium	160-1	83	150	133	122	28.38	cps
Gadolinium	160-2	153	163	160	159	3.20	cps
Holmium	165-1	14155196	14663879	14066312	14295129	2.26	cps
Holmium	165-2	7111957	7089108	7051721	7084262	0.43	cps
Indium	115-1	13877564	13991587	13437752	13768968	2.12	cps
Indium	115-2	2315251	2256953	2215907	2262704	2.21	cps
Iron	54-2	1139	1339	1167	1215	8.92	cps
Iron	56-2	7797	7280	7124	7400	4.76	cps
Iron	57-2	233	267	244	248	6.84	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:33:15	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	682	645	662	663	2.83	cps
Lead	206-1	1211	1100	1106	1139	5.50	cps
Lead	207-1	983	889	967	946	5.33	cps
Lead	208-1	4617	4361	4428	4469	2.97	cps
Lithium	6-1	10312635	10468156	10486467	10422420	0.92	cps
Magnesium	24-2	433	558	375	456	20.56	cps
Manganese	55-2	170	177	143	163	10.80	cps
Molybdenum	94-1	1008	817	808	878	12.89	cps
Molybdenum	95-1	1258	1008	1008	1092	13.22	cps
Molybdenum	96-1	1600	1150	1317	1356	16.78	cps
Molybdenum	97-1	767	508	567	614	22.07	cps
Molybdenum	98-1	1792	1333	1525	1550	14.85	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	70	97	60	76	25.09	cps
Phosphorus	31-2	183	258	242	228	17.29	cps
Potassium	39-2	23895	23361	23002	23420	1.92	cps
Rhodium	103-1	13335985	13609769	13321591	13422448	1.21	cps
Rhodium	103-2	6211886	6130007	6336471	6226121	1.67	cps
Scandium	45-1	11591815	11886347	11394347	11624170	2.13	cps
Scandium	45-2	380466	374772	374858	376699	0.87	cps
Selenium	82-1	-29	66	64	34	160.40	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	111	100	105	105	5.23	cps
Silicon	28-1	933939	943039	929897	935625	0.72	cps
Silver	107-1	367	467	542	458	19.16	cps
Silver	109-1	283	275	275	278	1.73	cps
Sodium	23-2	27835	28086	27434	27785	1.18	cps
Strontium	86-1	1217	1233	1258	1236	1.70	cps
Strontium	88-1	1792	1408	1417	1539	14.23	cps
Sulfur	34-1	491254	493049	499321	494541	0.86	cps
Terbium	159-1	14929820	14641767	14384159	14651915	1.86	cps
Terbium	159-2	6866277	7013123	6842171	6907191	1.34	cps
Thallium	203-1	525	525	492	514	3.75	cps
Thallium	205-1	1325	1567	1208	1367	13.37	cps
Tin	118-1	9814	8361	12065	10080	18.51	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:33:15	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	475	575	519	9.80	cps
Uranium	238-1	58	42	33	44	28.65	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Ytterbium	172-1	58	58	42	53	18.23	cps
Ytterbium	172-2	33	22	28	28	20.00	cps
Ytterbium	176-1	2325	2450	2867	2548	11.14	cps
Ytterbium	176-2	12262	12851	11917	12343	3.83	cps
Yttrium	89-1	22581966	23668506	23923813	23391429	3.05	cps
Yttrium	89-2	2782839	2711460	2694464	2729588	1.72	cps
Zinc	66-2	273	283	310	289	6.56	cps
Zirconium	90-1	983	1008	1067	1020	4.19	cps
Zirconium	91-1	192	208	225	208	8.00	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MS	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:45:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000028	1026420	996768	1007738	1.61	cps
Antimony	121-1	3982903	3895871	3948234	3942336	1.11	cps
Arsenic	75-2	137063	139837	137992	138297	1.02	cps
Barium	135-1	5341901	5247622	5223752	5271091	1.19	cps
Barium	137-1	8961447	8829475	9178384	8989769	1.96	cps
Beryllium	9-1	2272650	2170912	2214158	2219240	2.30	cps
Bismuth	209-1	7281384	6583661	7505404	7123483	6.75	cps
Bismuth	209-2	4587766	3951719	4327694	4289060	7.46	cps
Boron	10-1	316999	325947	335942	326296	2.90	cps
Boron	11-1	1320507	1369059	1374135	1354567	2.19	cps
Bromine	81-1	148233	145713	147269	147072	0.86	cps
Cadmium	111-1	1262960	1269828	1290174	1274321	1.11	cps
Cadmium	106-1	150378	149014	149650	149681	0.46	cps
Cadmium	108-1	95139	98740	93524	95801	2.79	cps
Calcium	43-1	2854493	2882468	2799269	2845410	1.49	cps
Calcium	44-1	44886062	45258009	44454771	44866281	0.90	cps
Carbon	12-1	15060015	16237387	17382108	16226503	7.16	cps
Carbon	12-2	202567	205769	211627	206655	2.22	cps
Chlorine	35-1	1883628	1979971	1997249	1953616	3.13	cps
Chlorine	35-2	15317	16885	15492	15898	5.41	cps
Chromium	52-2	1475934	1478920	1435477	1463444	1.66	cps
Cobalt	59-2	2644673	2692394	2632697	2656588	1.19	cps
Copper	63-1	70575855	69227899	71506444	70436733	1.63	cps
Dysprosium	156-1	208	275	342	275	24.24	cps
Dysprosium	156-2	67	83	87	79	13.58	cps
Erbium	164-1	50	25	100	58	65.47	cps
Erbium	164-2	40	17	30	29	40.51	cps
Gadolinium	160-1	233	208	167	203	16.61	cps
Gadolinium	160-2	227	197	193	206	8.93	cps
Holmium	165-1	14051372	12163276	13418281	13210976	7.27	cps
Holmium	165-2	7014427	6044335	6744982	6601248	7.59	cps
Indium	115-1	13403841	11241523	12976155	12540506	9.13	cps
Indium	115-2	2318990	1940576	2105955	2121840	8.94	cps
Iron	54-2	3505332	3421692	3368003	3431676	2.02	cps
Iron	56-2	62234442	61374840	60599471	61402918	1.33	cps
Iron	57-2	1576628	1595462	1531472	1567854	2.10	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MS	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:45:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	657	676	659	664	1.58	cps
Lead	206-1	14054053	14348707	14631180	14344647	2.01	cps
Lead	207-1	12150936	12420626	12670236	12413933	2.09	cps
Lead	208-1	55905343	57609458	58116135	57210312	2.02	cps
Lithium	6-1	9860251	8869595	9551870	9427238	5.38	cps
Magnesium	24-2	15593544	16186117	15799185	15859615	1.90	cps
Manganese	55-2	8864747	8842644	8688433	8798608	1.09	cps
Molybdenum	94-1	10500836	10444347	10639415	10528200	0.95	cps
Molybdenum	95-1	12880911	12647243	13232090	12920082	2.28	cps
Molybdenum	96-1	14465315	14141716	14120088	14242373	1.36	cps
Molybdenum	97-1	7886303	7767813	7759874	7804663	0.91	cps
Molybdenum	98-1	20467436	20755477	20581567	20601493	0.70	cps
Neodymium	150-1	527	487	447	487	8.22	cps
Neodymium	150-2	10	37	23	23	57.15	cps
Nickel	60-2	729845	741123	718474	729814	1.55	cps
Phosphorus	31-2	6752	6352	6677	6593	3.23	cps
Potassium	39-2	5186375	5187737	5041191	5138435	1.64	cps
Rhodium	103-1	12902957	10932371	12084978	11973435	8.27	cps
Rhodium	103-2	6019634	5143129	5675670	5612811	7.87	cps
Scandium	45-1	11512098	10032180	10898949	10814409	6.88	cps
Scandium	45-2	381962	326381	353859	354067	7.85	cps
Selenium	82-1	112083	112430	111895	112136	0.24	cps
Selenium	77-2	3380	3260	3664	3435	6.03	cps
Selenium	78-2	11672	11678	11936	11762	1.28	cps
Silicon	28-1	34495383	34077599	35675998	34749660	2.39	cps
Silver	107-1	5375285	5375681	5074056	5275008	3.30	cps
Silver	109-1	5385848	4747075	5629216	5254046	8.67	cps
Sodium	23-2	48214780	50908509	49363338	49495542	2.73	cps
Strontium	86-1	2043385	2008902	2042809	2031699	0.97	cps
Strontium	88-1	17146487	17692796	17388950	17409411	1.57	cps
Sulfur	34-1	792387	780388	779616	784130	0.91	cps
Terbium	159-1	14793191	12498020	14096977	13796063	8.53	cps
Terbium	159-2	7042467	5953904	6535084	6510485	8.37	cps
Thallium	203-1	3455259	3418896	3471178	3448444	0.78	cps
Thallium	205-1	7973147	8367461	8000774	8113794	2.71	cps
Tin	118-1	3875185	3903185	3904408	3894259	0.42	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MS	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:45:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4548596	4309922	4360269	4406262	2.86	cps
Uranium	238-1	9866228	10080517	10070864	10005870	1.21	cps
Vanadium	51-2	1157324	1183768	1123574	1154889	2.61	cps
Ytterbium	172-1	183	150	142	158	13.92	cps
Ytterbium	172-2	78	39	106	74	45.21	cps
Ytterbium	176-1	2259	2050	2292	2200	5.95	cps
Ytterbium	176-2	13279	10932	11922	12045	9.78	cps
Yttrium	89-1	23124258	20556714	21817871	21832948	5.88	cps
Yttrium	89-2	2707498	2384009	2502731	2531413	6.46	cps
Zinc	66-2	2162281	2222555	2109198	2164678	2.62	cps
Zirconium	90-1	8738953	8988346	8748519	8825273	1.60	cps
Zirconium	91-1	2003049	2034918	2082118	2040028	1.95	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MSD	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:48:54	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1034476	1028880	998626	1020661	1.89	cps
Antimony	121-1	3850753	3926095	3909907	3895585	1.02	cps
Arsenic	75-2	142315	140857	138648	140607	1.31	cps
Barium	135-1	5139572	5255443	5326329	5240448	1.80	cps
Barium	137-1	8766306	8861331	8994807	8874148	1.29	cps
Beryllium	9-1	2172827	2201150	2195883	2189953	0.69	cps
Bismuth	209-1	7481579	7235454	7427949	7381661	1.75	cps
Bismuth	209-2	4405673	4292766	4434609	4377682	1.71	cps
Boron	10-1	322395	339937	352901	338411	4.52	cps
Boron	11-1	1305633	1453691	1489477	1416267	6.88	cps
Bromine	81-1	139877	147463	150559	145966	3.77	cps
Cadmium	111-1	1259432	1279636	1273917	1270995	0.82	cps
Cadmium	106-1	147182	149343	152289	149605	1.71	cps
Cadmium	108-1	98575	95399	94208	96060	2.35	cps
Calcium	43-1	2793878	2872971	2801629	2822826	1.54	cps
Calcium	44-1	44321166	46307530	44831796	45153498	2.28	cps
Carbon	12-1	15729068	16528692	17068213	16441991	4.10	cps
Carbon	12-2	203099	206134	201823	203685	1.09	cps
Chlorine	35-1	2276441	2381558	2487150	2381716	4.42	cps
Chlorine	35-2	18738	19463	20181	19461	3.71	cps
Chromium	52-2	1561901	1511001	1466966	1513290	3.14	cps
Cobalt	59-2	2735524	2670524	2638181	2681409	1.85	cps
Copper	63-1	67853452	69913899	67349936	68372429	1.99	cps
Dysprosium	156-1	208	150	200	186	16.95	cps
Dysprosium	156-2	130	100	90	107	19.52	cps
Erbium	164-1	92	125	92	103	18.72	cps
Erbium	164-2	37	27	37	33	17.32	cps
Gadolinium	160-1	133	250	142	175	37.19	cps
Gadolinium	160-2	180	170	167	172	4.03	cps
Holmium	165-1	13268658	13957604	13861178	13695814	2.72	cps
Holmium	165-2	6932025	6659717	6674586	6755443	2.27	cps
Indium	115-1	12572511	13108083	12942465	12874353	2.13	cps
Indium	115-2	2150070	2052432	2079326	2093942	2.41	cps
Iron	54-2	3644102	3605588	3486267	3578652	2.30	cps
Iron	56-2	64951047	63350211	62446549	63582602	1.99	cps
Iron	57-2	1697027	1569394	1572736	1613052	4.51	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MSD	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:48:54	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	711	687	626	675	6.50	cps
Lead	206-1	14249131	13845025	14099917	14064691	1.45	cps
Lead	207-1	12593451	12423024	12420646	12479040	0.79	cps
Lead	208-1	57241016	56563297	56027356	56610556	1.07	cps
Lithium	6-1	9887003	10276223	9763930	9975718	2.68	cps
Magnesium	24-2	16607377	15956001	15687240	16083539	2.94	cps
Manganese	55-2	9138350	8803479	8751659	8897829	2.36	cps
Molybdenum	94-1	10406385	10652573	10185065	10414675	2.25	cps
Molybdenum	95-1	12774179	12981522	12454045	12736582	2.09	cps
Molybdenum	96-1	14313211	14400903	14045519	14253211	1.30	cps
Molybdenum	97-1	7983474	7689304	7540867	7737882	2.91	cps
Molybdenum	98-1	20733498	19564167	19991842	20096502	2.94	cps
Neodymium	150-1	400	487	447	444	9.76	cps
Neodymium	150-2	27	23	27	26	7.55	cps
Nickel	60-2	742201	741025	728822	737349	1.00	cps
Phosphorus	31-2	6735	6677	6310	6574	3.51	cps
Potassium	39-2	5255142	5266807	5134693	5218881	1.40	cps
Rhodium	103-1	12497570	12400114	12186389	12361358	1.29	cps
Rhodium	103-2	5634835	5721755	5528804	5628464	1.72	cps
Scandium	45-1	11018104	11636936	11422851	11359297	2.77	cps
Scandium	45-2	364843	362074	364468	363795	0.41	cps
Selenium	82-1	112496	111262	111622	111793	0.57	cps
Selenium	77-2	3554	3530	3367	3484	2.92	cps
Selenium	78-2	12112	12007	11581	11900	2.37	cps
Silicon	28-1	33138923	33705949	34012580	33619150	1.32	cps
Silver	107-1	5335539	6104093	5768986	5736206	6.72	cps
Silver	109-1	4652317	4981423	5032245	4888662	4.22	cps
Sodium	23-2	50575603	51725575	49588482	50629887	2.11	cps
Strontium	86-1	2040779	2008048	2043234	2030687	0.97	cps
Strontium	88-1	17046301	17125747	17391119	17187722	1.05	cps
Sulfur	34-1	759935	761985	760672	760864	0.14	cps
Terbium	159-1	14252028	14817254	14173025	14414102	2.44	cps
Terbium	159-2	6839634	6412271	6508368	6586758	3.40	cps
Thallium	203-1	3332041	3400531	3375526	3369366	1.03	cps
Thallium	205-1	8045971	8086473	7666122	7932855	2.92	cps
Tin	118-1	3955183	3825180	3907554	3895972	1.69	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01MSD	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:48:54	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4364861	4529746	4416693	4437100	1.90	cps
Uranium	238-1	10082762	9797517	9855340	9911873	1.52	cps
Vanadium	51-2	1193016	1172041	1136874	1167310	2.43	cps
Ytterbium	172-1	142	100	108	117	18.90	cps
Ytterbium	172-2	89	61	83	78	18.90	cps
Ytterbium	176-1	2484	2759	2767	2670	6.04	cps
Ytterbium	176-2	12467	12311	12295	12358	0.77	cps
Yttrium	89-1	21927129	23398841	23412903	22912958	3.73	cps
Yttrium	89-2	2651583	2538654	2588127	2592788	2.18	cps
Zinc	66-2	2215450	2264470	2193527	2224482	1.63	cps
Zirconium	90-1	8558659	8811536	8777882	8716026	1.58	cps
Zirconium	91-1	1995745	1908847	1974566	1959719	2.31	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01A	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASA	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:51:52	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1013859	997830	997513	1003067	0.93	cps
Antimony	121-1	3795502	4029001	3885475	3903326	3.02	cps
Arsenic	75-2	141382	140846	137387	139872	1.55	cps
Barium	135-1	5058163	5210051	5111676	5126630	1.50	cps
Barium	137-1	8791357	9196455	9063609	9017140	2.29	cps
Beryllium	9-1	2171887	2229788	2121563	2174413	2.49	cps
Bismuth	209-1	7338747	7696433	7518538	7517906	2.38	cps
Bismuth	209-2	4321919	4388997	4290420	4333779	1.16	cps
Boron	10-1	329384	349073	365448	347968	5.19	cps
Boron	11-1	1330137	1486911	1468240	1428429	5.99	cps
Bromine	81-1	142474	146652	148889	146005	2.23	cps
Cadmium	111-1	1251537	1276052	1245805	1257798	1.28	cps
Cadmium	106-1	152081	151767	147560	150469	1.68	cps
Cadmium	108-1	95391	95777	94803	95324	0.51	cps
Calcium	43-1	2756531	2820875	2853781	2810396	1.76	cps
Calcium	44-1	44987980	45183422	45052385	45074596	0.22	cps
Carbon	12-1	15478434	16984772	17047585	16503597	5.38	cps
Carbon	12-2	203614	204199	206834	204882	0.84	cps
Chlorine	35-1	2555774	2639880	2768420	2654691	4.03	cps
Chlorine	35-2	22084	21617	21875	21859	1.07	cps
Chromium	52-2	1506232	1494011	1451455	1483899	1.94	cps
Cobalt	59-2	2762069	2645284	2638825	2682059	2.59	cps
Copper	63-1	70810452	69270636	68280241	69453776	1.84	cps
Dysprosium	156-1	200	217	233	217	7.69	cps
Dysprosium	156-2	83	90	130	101	24.96	cps
Erbium	164-1	75	67	75	72	6.66	cps
Erbium	164-2	30	47	50	42	25.38	cps
Gadolinium	160-1	225	158	250	211	22.45	cps
Gadolinium	160-2	177	177	210	188	10.25	cps
Holmium	165-1	13952956	13676140	13931124	13853407	1.11	cps
Holmium	165-2	6608366	6776624	6621462	6668817	1.40	cps
Indium	115-1	12637931	12949291	12743504	12776909	1.24	cps
Indium	115-2	2173029	2133183	2068864	2125026	2.47	cps
Iron	54-2	3579575	3488012	3575638	3547742	1.46	cps
Iron	56-2	63276907	61650772	60926567	61951415	1.94	cps
Iron	57-2	1624600	1568361	1602780	1598580	1.77	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01A	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASA	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:51:52	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	707	716	662	695	4.15	cps
Lead	206-1	13845165	14031817	13998672	13958551	0.71	cps
Lead	207-1	12117161	12564018	12239903	12307027	1.88	cps
Lead	208-1	55130554	58434388	56238860	56601267	2.97	cps
Lithium	6-1	9940662	10236669	9874336	10017222	1.93	cps
Magnesium	24-2	15742553	15705213	15799649	15749139	0.30	cps
Manganese	55-2	8943030	8599549	8663660	8735413	2.09	cps
Molybdenum	94-1	10465503	10379431	10288979	10377971	0.85	cps
Molybdenum	95-1	12835447	12869747	12569380	12758192	1.29	cps
Molybdenum	96-1	14615719	14544033	13814228	14324660	3.10	cps
Molybdenum	97-1	7835469	7901172	7621248	7785963	1.88	cps
Molybdenum	98-1	20052253	20348334	20291756	20230781	0.78	cps
Neodymium	150-1	420	427	347	398	11.16	cps
Neodymium	150-2	30	30	27	29	6.65	cps
Nickel	60-2	739571	736349	722797	732906	1.21	cps
Phosphorus	31-2	6360	6302	6560	6407	2.12	cps
Potassium	39-2	5210996	5227286	5003856	5147379	2.42	cps
Rhodium	103-1	12739313	12445521	12149642	12444826	2.37	cps
Rhodium	103-2	5631825	5619503	5643044	5631457	0.21	cps
Scandium	45-1	11618341	11055731	11211545	11295206	2.57	cps
Scandium	45-2	363524	361766	359666	361652	0.53	cps
Selenium	82-1	111897	113027	112711	112545	0.52	cps
Selenium	77-2	3601	3474	3617	3564	2.20	cps
Selenium	78-2	11771	12183	11927	11961	1.74	cps
Silicon	28-1	33248419	35183170	34816911	34416167	2.99	cps
Silver	107-1	5031646	5458990	5419838	5303491	4.45	cps
Silver	109-1	5287539	4736011	4555533	4859694	7.85	cps
Sodium	23-2	49114213	47249084	49434814	48599370	2.43	cps
Strontium	86-1	2029233	2022609	2042134	2031325	0.49	cps
Strontium	88-1	17589586	17230748	17724877	17515071	1.46	cps
Sulfur	34-1	758438	759469	742896	753601	1.23	cps
Terbium	159-1	14329490	14777163	14021637	14376097	2.64	cps
Terbium	159-2	6896096	6632531	6738136	6755588	1.96	cps
Thallium	203-1	3418337	3477684	3552335	3482786	1.93	cps
Thallium	205-1	7828975	8320540	7886816	8012110	3.35	cps
Tin	118-1	3727284	3861010	3783074	3790456	1.77	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	N4174-01A	Instrumnet Name :	P8
Client Sample ID :	SCA-218-10TH-ADASA	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:51:52	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4462297	4332813	4384467	4393192	1.48	cps
Uranium	238-1	9649020	10064747	9800641	9838136	2.14	cps
Vanadium	51-2	1160852	1155603	1140629	1152362	0.91	cps
Ytterbium	172-1	92	133	83	103	26.06	cps
Ytterbium	172-2	50	72	83	69	24.77	cps
Ytterbium	176-1	2425	2425	2492	2448	1.57	cps
Ytterbium	176-2	11494	12150	12006	11883	2.90	cps
Yttrium	89-1	22959212	22868918	22619136	22815755	0.77	cps
Yttrium	89-2	2617274	2640929	2489231	2582478	3.16	cps
Zinc	66-2	2306035	2166148	2229314	2233832	3.14	cps
Zirconium	90-1	8851494	8643865	8560369	8685243	1.73	cps
Zirconium	91-1	2029836	1987630	1999128	2005531	1.09	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:58:49	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5006527	4913218	4799643	4906463	2.11	cps
Antimony	121-1	3456490	3421663	3367480	3415211	1.31	cps
Arsenic	75-2	126113	121267	123260	123547	1.97	cps
Barium	135-1	4770153	4668441	4825061	4754551	1.67	cps
Barium	137-1	8295135	8312979	8037753	8215289	1.87	cps
Beryllium	9-1	1893338	1950819	1888754	1910970	1.81	cps
Bismuth	209-1	6850894	6761595	6725320	6779270	0.95	cps
Bismuth	209-2	3889786	3881350	3925621	3898919	0.60	cps
Boron	10-1	561506	598802	619611	593306	4.96	cps
Boron	11-1	2353262	2378838	2543661	2425254	4.26	cps
Bromine	81-1	79408	77153	78764	78442	1.48	cps
Cadmium	111-1	1141951	1134181	1135129	1137087	0.37	cps
Cadmium	106-1	137121	136969	133299	135797	1.59	cps
Cadmium	108-1	88101	87732	91582	89138	2.38	cps
Calcium	43-1	9379226	9393696	9318835	9363919	0.42	cps
Calcium	44-1	151848829	146556041	148321350	148908740	1.81	cps
Carbon	12-1	8938799	9094864	9617597	9217087	3.86	cps
Carbon	12-2	109724	109834	114093	111217	2.24	cps
Chlorine	35-1	998181	990230	957796	982069	2.18	cps
Chlorine	35-2	6785	6677	6710	6724	0.83	cps
Chromium	52-2	1454900	1406107	1407739	1422915	1.95	cps
Cobalt	59-2	2556002	2408592	2396600	2453731	3.62	cps
Copper	63-1	58040269	59736135	57085154	58287186	2.30	cps
Dysprosium	156-1	617	550	633	600	7.35	cps
Dysprosium	156-2	230	190	243	221	12.55	cps
Erbium	164-1	158	158	92	136	28.28	cps
Erbium	164-2	60	53	57	57	5.89	cps
Gadolinium	160-1	417	450	475	447	6.55	cps
Gadolinium	160-2	343	323	300	322	6.73	cps
Holmium	165-1	13499748	13765512	12924230	13396497	3.21	cps
Holmium	165-2	6661897	6303067	6392599	6452521	2.89	cps
Indium	115-1	12378991	11880280	12343122	12200798	2.28	cps
Indium	115-2	2035290	1924095	1973838	1977741	2.82	cps
Iron	54-2	15997533	15611541	15649335	15752803	1.35	cps
Iron	56-2	285592206	281042095	282962951	283199084	0.81	cps
Iron	57-2	7302139	7287868	7410512	7333506	0.91	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:58:49	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	719	664	646	676	5.59	cps
Lead	206-1	13175694	13042138	12451837	12889890	2.99	cps
Lead	207-1	10963541	10945209	10989751	10966167	0.20	cps
Lead	208-1	50675237	50824113	50893644	50797665	0.22	cps
Lithium	6-1	9207127	9105026	9095469	9135874	0.68	cps
Magnesium	24-2	63727879	63100274	64227901	63685351	0.89	cps
Manganese	55-2	7699478	7216873	7278362	7398237	3.55	cps
Molybdenum	94-1	16403061	16508360	16797130	16569517	1.23	cps
Molybdenum	95-1	23725168	23772663	23867811	23788547	0.31	cps
Molybdenum	96-1	25929892	26589177	25411921	25976996	2.27	cps
Molybdenum	97-1	14609500	14386236	14291626	14429121	1.13	cps
Molybdenum	98-1	38110949	37499343	36863777	37491356	1.66	cps
Neodymium	150-1	360	587	420	456	25.78	cps
Neodymium	150-2	43	30	53	42	27.72	cps
Nickel	60-2	665284	650127	663972	659795	1.27	cps
Phosphorus	31-2	56151	53700	54153	54668	2.39	cps
Potassium	39-2	22962702	22479159	22390383	22610748	1.36	cps
Rhodium	103-1	11692652	11364868	11426211	11494577	1.52	cps
Rhodium	103-2	5240340	5227335	5195725	5221133	0.44	cps
Scandium	45-1	11049233	10849000	10603842	10834025	2.06	cps
Scandium	45-2	350482	349246	345715	348481	0.71	cps
Selenium	82-1	104590	105585	101948	104041	1.81	cps
Selenium	77-2	3410	3194	3247	3284	3.44	cps
Selenium	78-2	11186	10742	10933	10954	2.03	cps
Silicon	28-1	38860566	39188168	38260736	38769823	1.21	cps
Silver	107-1	6050036	6034393	5858883	5981104	1.77	cps
Silver	109-1	5626598	5674569	5568961	5623376	0.94	cps
Sodium	23-2	126039211	122637440	122783674	123820108	1.55	cps
Strontium	86-1	40271197	39688102	39393873	39784390	1.12	cps
Strontium	88-1	349075883	350591775	344049341	347905666	0.98	cps
Sulfur	34-1	1157159	1137222	1112978	1135786	1.95	cps
Terbium	159-1	14102689	13468524	14004230	13858481	2.46	cps
Terbium	159-2	6611856	6317871	6233143	6387624	3.11	cps
Thallium	203-1	3175078	3281953	3028356	3161796	4.03	cps
Thallium	205-1	7719423	7396611	7464453	7526829	2.26	cps
Tin	118-1	3654767	3537313	3627134	3606404	1.70	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 18:58:49	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8341232	8090625	8202510	8211456	1.53	cps
Uranium	238-1	9464605	9316202	9781952	9520920	2.50	cps
Vanadium	51-2	1092577	1081196	1081766	1085180	0.59	cps
Ytterbium	172-1	133	117	125	125	6.67	cps
Ytterbium	172-2	94	50	72	72	30.77	cps
Ytterbium	176-1	9979	9987	10138	10035	0.89	cps
Ytterbium	176-2	14786	15053	15882	15241	3.75	cps
Yttrium	89-1	22113391	22259655	21500674	21957907	1.83	cps
Yttrium	89-2	2550173	2427273	2478993	2485480	2.48	cps
Zinc	66-2	2199167	2212767	2229697	2213877	0.69	cps
Zirconium	90-1	8825378	8341242	8438421	8535014	3.00	cps
Zirconium	91-1	1995761	1953275	1972058	1973698	1.08	cps

LB Number : LB121472 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P8
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired : 2022-08-11 19:19:55 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	205	186	202	7.22	cps
Antimony	121-1	300	417	358	358	16.28	cps
Arsenic	75-2	4	5	10	6	50.76	cps
Barium	135-1	275	50	33	119	113.00	cps
Barium	137-1	408	117	100	208	83.24	cps
Beryllium	9-1	185	97	107	130	36.84	cps
Bismuth	209-1	7846692	7721138	7709938	7759256	0.98	cps
Bismuth	209-2	4564428	5018105	4446278	4676270	6.46	cps
Boron	10-1	7564	7468	7486	7506	0.68	cps
Boron	11-1	33746	33836	32413	33332	2.39	cps
Bromine	81-1	83202	82668	82844	82905	0.33	cps
Cadmium	111-1	5415	5370	5421	5402	0.52	cps
Cadmium	106-1	7677	7711	7794	7727	0.78	cps
Cadmium	108-1	108	88	92	96	11.51	cps
Calcium	43-1	595	440	415	483	20.17	cps
Calcium	44-1	18148	15085	14877	16037	11.42	cps
Carbon	12-1	7732860	7870866	7846634	7816787	0.94	cps
Carbon	12-2	83572	83497	82255	83108	0.89	cps
Chlorine	35-1	445060	438524	446266	443283	0.94	cps
Chlorine	35-2	3109	2825	3025	2986	4.88	cps
Chromium	52-2	823	940	877	880	6.64	cps
Cobalt	59-2	90	57	97	81	26.42	cps
Copper	63-1	8857	6622	6383	7287	18.73	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	13	30	20	21	39.75	cps
Gadolinium	160-1	108	92	75	92	18.18	cps
Gadolinium	160-2	130	160	153	148	10.66	cps
Holmium	165-1	13212206	13696724	12910954	13273295	2.99	cps
Holmium	165-2	6315203	7092192	6404495	6603963	6.44	cps
Indium	115-1	13255924	13037406	12626237	12973189	2.46	cps
Indium	115-2	2131339	2293426	2192186	2205650	3.71	cps
Iron	54-2	1211	1250	1339	1267	5.17	cps
Iron	56-2	7246	7007	6779	7011	3.33	cps
Iron	57-2	200	178	244	207	16.37	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 19:19:55	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	641	686	642	657	3.90	cps
Lead	206-1	1467	1095	978	1180	21.65	cps
Lead	207-1	1200	839	956	998	18.46	cps
Lead	208-1	6162	4456	4123	4913	22.26	cps
Lithium	6-1	9710802	9788563	9899596	9799654	0.97	cps
Magnesium	24-2	425	358	392	392	8.51	cps
Manganese	55-2	180	197	173	183	6.55	cps
Molybdenum	94-1	983	492	425	633	48.15	cps
Molybdenum	95-1	867	300	267	478	70.58	cps
Molybdenum	96-1	1475	650	517	881	58.95	cps
Molybdenum	97-1	533	233	117	294	73.00	cps
Molybdenum	98-1	1583	492	442	839	76.91	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	77	53	63	18.98	cps
Phosphorus	31-2	192	250	217	219	13.34	cps
Potassium	39-2	22827	23019	22819	22888	0.49	cps
Rhodium	103-1	12852756	13035638	12509483	12799292	2.09	cps
Rhodium	103-2	5819228	6124442	5928690	5957453	2.60	cps
Scandium	45-1	11045598	11770533	11147996	11321376	3.47	cps
Scandium	45-2	359908	392045	354894	368949	5.46	cps
Selenium	82-1	92	-14	35	38	140.25	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	99	98	93	97	3.33	cps
Silicon	28-1	869469	899205	876093	881589	1.77	cps
Silver	107-1	792	508	517	606	26.63	cps
Silver	109-1	692	433	400	508	31.41	cps
Sodium	23-2	23353	23177	23302	23277	0.39	cps
Strontium	86-1	1942	1142	1233	1439	30.43	cps
Strontium	88-1	6335	1433	1225	2998	96.47	cps
Sulfur	34-1	500429	502252	488121	496934	1.55	cps
Terbium	159-1	13660112	14639120	14083832	14127688	3.48	cps
Terbium	159-2	6317306	7134568	6385628	6612501	6.86	cps
Thallium	203-1	567	325	558	483	28.38	cps
Thallium	205-1	1367	1058	1083	1170	14.64	cps
Tin	118-1	7903	8203	8445	8183	3.32	cps

LB Number :	LB121472	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2022-08-11 19:19:55	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633	500	408	514	22.02	cps
Uranium	238-1	275	25	50	117	118.02	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Ytterbium	172-1	83	42	67	64	32.83	cps
Ytterbium	172-2	33	50	50	44	21.66	cps
Ytterbium	176-1	2225	2509	2450	2395	6.25	cps
Ytterbium	176-2	12284	13702	12912	12966	5.48	cps
Yttrium	89-1	21955648	23230439	22939508	22708532	2.94	cps
Yttrium	89-2	2494091	2671026	2614678	2593265	3.49	cps
Zinc	66-2	330	330	280	313	9.21	cps
Zirconium	90-1	1083	1067	992	1047	4.66	cps
Zirconium	91-1	233	175	125	178	30.50	cps