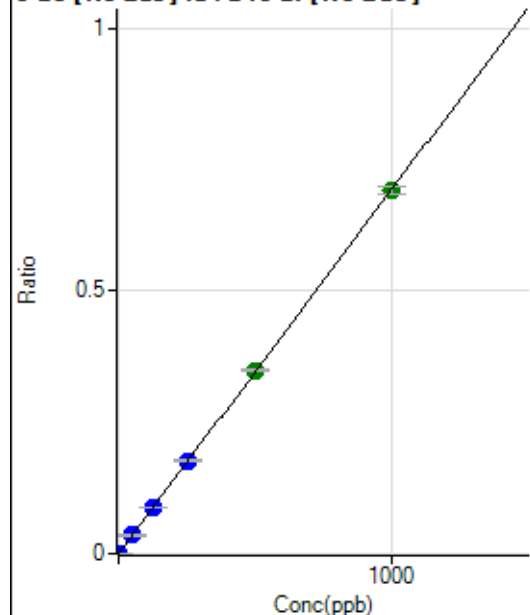


Batch Folder: D:\Agilent\ICPMH\1\DATA\P810202MS.b\
Analysis File: P810202MS.batch.bin
DA Date-Time: 2021-10-20 15:57:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-10-20 13:28:05
2	004CALS.d	S01	2021-10-20 13:31:11
3	006CALS.d	S02	2021-10-20 13:37:20
4	007CALS.d	S03	2021-10-20 13:40:23
5	011CALS.d	S04	2021-10-20 13:52:41
6	012CALS.d	S05	2021-10-20 13:55:46
7	013CALS.d	S06	2021-10-20 13:58:49
8	014CALS.d	S07	2021-10-20 14:01:55
9	015CALS.d	S08	2021-10-20 14:04:59

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	93.99	0.0000	P	29.0
2	☐	0.100	0.102	455.92	0.0001	P	2.9
3	☐	1.000	0.996	3515.73	0.0007	P	5.0
4	☐	50.000	50.295	172023.49	0.0349	P	3.3
5	☐	125.000	126.462	427434.90	0.0876	P	0.8
6	☐	250.000	254.579	861247.15	0.1764	P	2.5
7	☐	500.000	503.552	1732779.95	0.3489	A	0.9
8	☐	1000.000	996.882	3427237.07	0.6907	A	2.1
9	☐			823.20	0.0002	P	7.2

$$y = 6.9283\text{E-}004 * x + 1.9401\text{E-}005$$

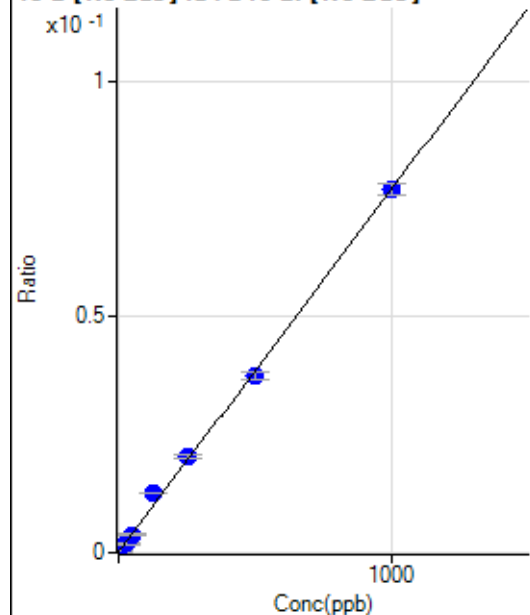
$$R = 1.0000$$

$$DL = 0.02439$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	673.22	0.0001	P	3.1
2	☐	2.500	1.731	1379.13	0.0003	P	2.6
3	☐	25.000	22.806	9376.50	0.0019	P	6.2
4	☐	50.000	47.972	18891.84	0.0038	P	6.5
5	☐	125.000	163.742	62071.57	0.0127	P	0.9
6	☐	250.000	263.999	99777.20	0.0204	P	3.6
7	☐	500.000	487.161	186699.06	0.0376	P	4.8
8	☐	1000.000	998.235	381446.00	0.0769	P	3.3
9	☐			38813.09	0.0080	P	10.4

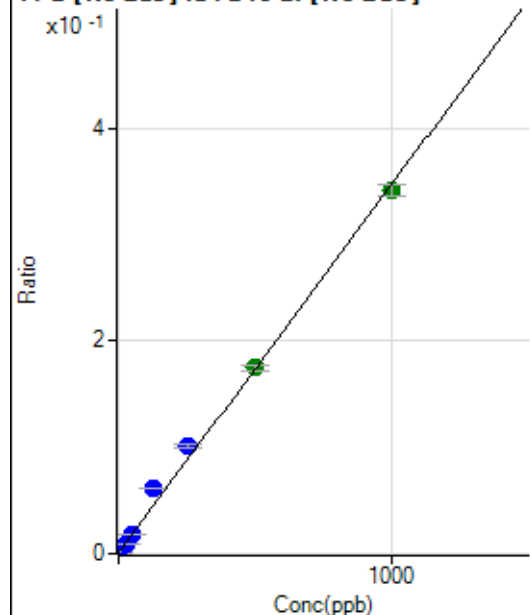
$$y = 7.6872\text{E-}005 * x + 1.3905\text{E-}004$$

$$R = 0.9990$$

$$DL = 0.1679$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3345.73	0.0007	P	1.8
2	☐	2.500	1.875	6794.92	0.0013	P	4.3
3	☐	25.000	24.427	45363.82	0.0092	P	8.8
4	☐	50.000	51.272	91165.59	0.0185	P	4.4
5	☐	125.000	175.959	300816.33	0.0617	P	0.6
6	☐	250.000	288.657	491826.28	0.1007	P	4.2
7	☐	500.000	501.935	867180.19	0.1747	A	3.5
8	☐	1000.000	982.951	1693791.21	0.3414	A	3.2
9	☐			187968.63	0.0387	P	10.1

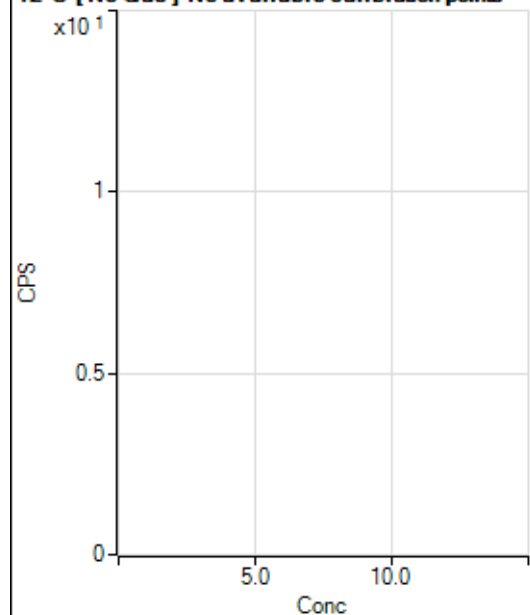
$$y = 3.4658\text{E-}004 * x + 6.9118\text{E-}004$$

$$R = 0.9980$$

$$DL = 0.1105$$

Weight: <None>

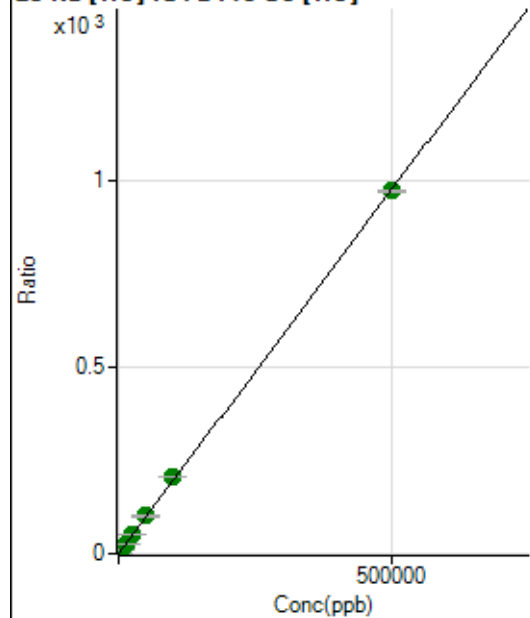
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6324005.83		A	1.1
2	☐			6376894.94		A	0.9
3	☐			6204258.34		A	0.2
4	☐			6830977.41		A	1.3
5	☐			7172305.28		A	2.0
6	☐			7333421.08		A	0.9
7	☐			7788124.39		A	2.9
8	☐			8347125.62		A	2.2
9	☐			7310726.38		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			64843.88		P	1.8
2	☐			63855.86		P	0.5
3	☐			62056.51		P	0.8
4	☐			70754.05		P	0.7
5	☐			73439.73		P	0.8
6	☐			75226.48		P	0.6
7	☐			82887.08		P	1.1
8	☐			89598.15		P	0.1
9	☐			88296.28		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	21444.00	0.0683	P	1.7
2	☐	50.000	48.700	51271.28	0.1630	P	1.0
3	☐	500.000	515.419	333845.12	1.0713	P	1.0
4	☐	5000.000	5341.514	3256550.51	10.4635	A	0.5
5	☐	12500.000	13273.715	7695745.75	25.9005	A	1.2
6	☐	25000.000	26225.401	15694350.18	51.1061	A	0.9
7	☐	50000.000	51507.103	30536002.42	100.3074	A	2.0
8	☐	100000.00	105801.72	63385923.64	205.9714	A	1.3
9	☐	500000.00	498604.90	305209881.8	970.4144	A	0.3

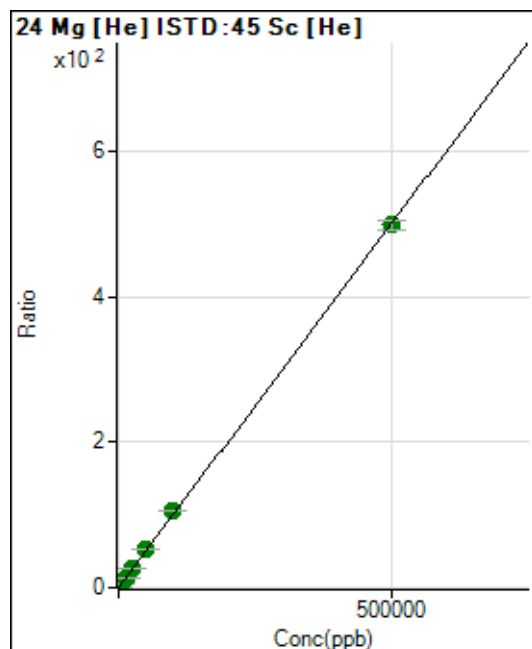
$$y = 0.0019 * x + 0.0683$$

$$R = 0.9999$$

$$DL = 1.805$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	425.01	0.0014	P	5.6
2	☐	50.000	48.545	15725.50	0.0500	P	1.7
3	☐	500.000	513.286	160705.57	0.5157	P	1.2
4	☐	5000.000	5476.777	1708532.79	5.4896	A	0.6
5	☐	12500.000	13576.483	4042025.48	13.6063	A	2.0
6	☐	25000.000	26566.939	8176127.53	26.6241	A	1.0
7	☐	50000.000	51873.986	15827274.83	51.9842	A	0.9
8	☐	100000.00	105829.94	32635536.50	106.0534	A	1.9
9	☐	500000.00	498536.57	157115745.1	499.5844	A	2.3

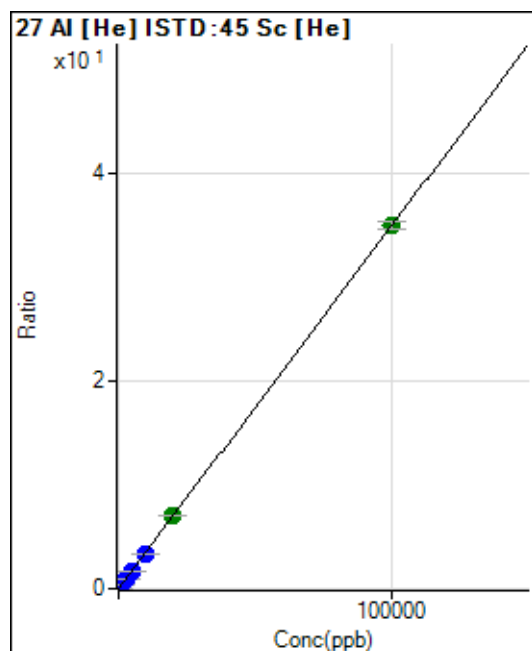
$$y = 0.0010 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.2253$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	128.74	0.0004	P	12.7
2	☐	2.000	2.049	354.13	0.0011	P	5.8
3	☐	20.000	20.040	2311.57	0.0074	P	0.6
4	☐	1000.000	983.450	107161.23	0.3443	P	0.7
5	☐	2500.000	2486.374	258412.34	0.8699	P	2.0
6	☐	5000.000	4863.878	522444.81	1.7013	P	0.6
7	☐	10000.000	9554.274	1017251.33	3.3415	P	1.6
8	☐	20000.000	20142.460	2167872.66	7.0441	A	0.8
9	☐	100000.00	100023.39	11000391.43	34.9780	A	2.2

$$y = 3.4969E-004 * x + 4.0963E-004$$

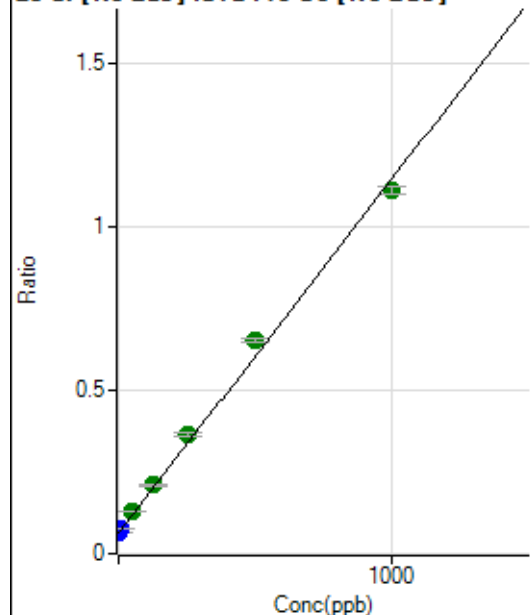
$$R = 1.0000$$

$$DL = 0.4479$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	630735.69	0.0628	P	0.8
2	☐	1.000	1.271	659453.46	0.0641	P	2.0
3	☐	10.000	11.864	763695.76	0.0756	P	1.4
4	☐	50.000	61.456	1292928.75	0.1292	A	2.7
5	☐	125.000	136.548	2190067.78	0.2103	A	2.8
6	☐	250.000	279.904	3624837.23	0.3652	A	3.9
7	☐	500.000	545.725	6623854.92	0.6525	A	2.3
8	☐	1000.000	967.626	11227177.60	1.1085	A	2.0
9	☐			1296153.73	0.1294	A	0.8

$$y = 0.0011 * x + 0.0628$$

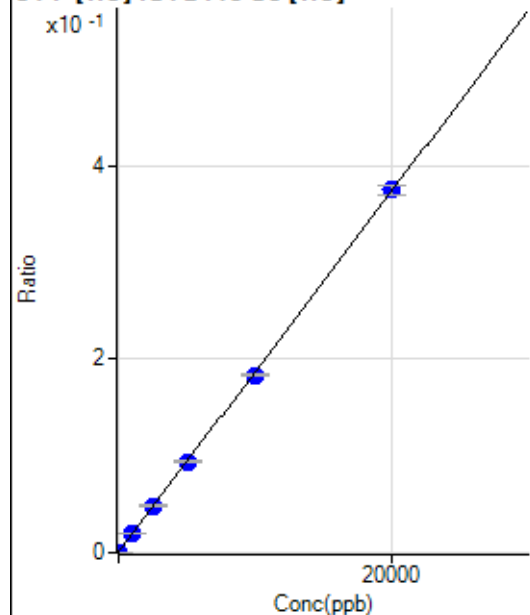
$$R = 0.9980$$

$$DL = 1.331$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-2.447	130.56	0.0004	P	25.2
2	☐	0.000	1.298	152.78	0.0005	P	35.8
3	☐	0.000	1.149	150.01	0.0005	P	20.6
4	☐	1000.000	1023.283	6082.00	0.0195	P	2.9
5	☐	2500.000	2581.336	14432.52	0.0486	P	3.7
6	☐	5000.000	5018.657	28876.48	0.0940	P	3.0
7	☐	10000.000	9823.133	55902.91	0.1836	P	1.6
8	☐	20000.000	20072.438	115321.85	0.3747	P	2.4
9	☐			205.56	0.0007	P	25.4

$$y = 1.8646E-005 * x + 4.6072E-004$$

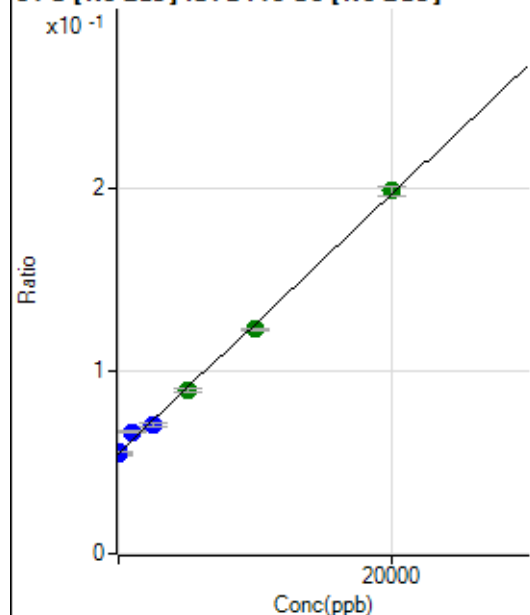
$$R = 0.9999$$

$$DL = 20.25$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	36.081	555939.01	0.0553	P	1.6
2	☐	0.000	-121.473	557278.97	0.0542	P	3.2
3	☐	0.000	85.392	562510.50	0.0557	P	1.1
4	☐	1000.000	1604.139	664578.07	0.0664	P	2.0
5	☐	2500.000	2174.739	733148.71	0.0704	P	2.7
6	☐	5000.000	4894.812	890093.06	0.0897	A	2.5
7	☐	10000.000	9556.307	1244898.71	0.1226	A	1.3
8	☐	20000.000	20258.594	2008576.67	0.1983	A	2.8
9	☐			469907.80	0.0469	P	1.6

$$y = 7.0715E-006 * x + 0.0551$$

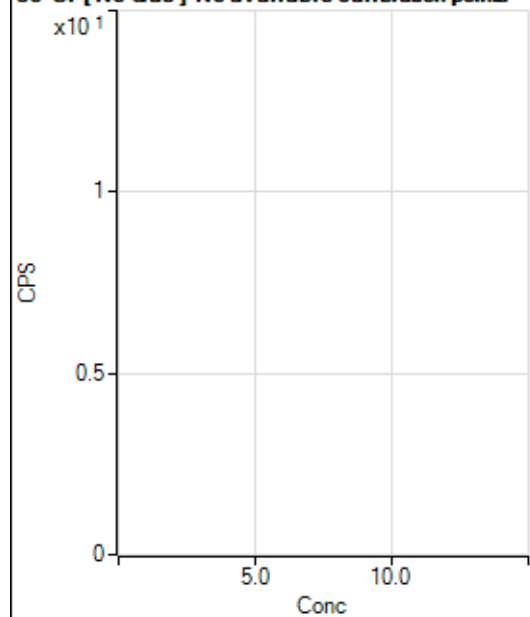
$$R = 0.9989$$

$$DL = 454.7$$

Weight: <None>

Min Conc: 0

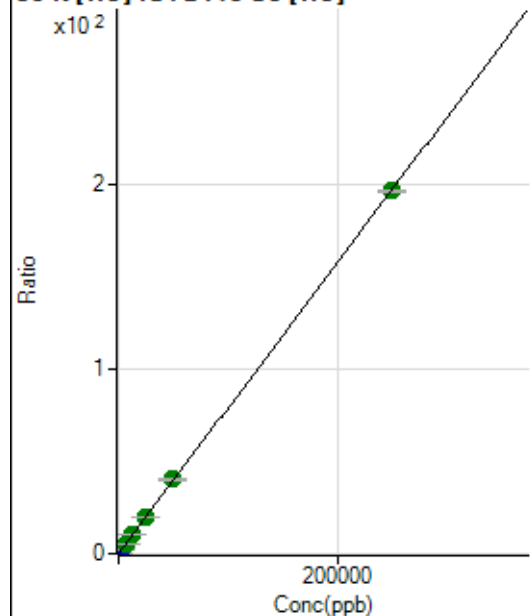
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1065073.04		P	3.1
2	☐			995746.44		P	1.8
3	☐			847346.14		P	3.2
4	☐			883625.44		P	2.2
5	☐			827255.86		P	1.4
6	☐			807320.75		P	0.8
7	☐			781354.97		P	2.6
8	☐			784514.04		P	2.1
9	☐			795488.34		P	1.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6284.88		P	3.8
2	☐			5601.24		P	3.6
3	☐			5306.66		P	4.6
4	☐			5264.98		P	5.0
5	☐			4962.10		P	0.7
6	☐			4884.30		P	6.0
7	☐			4470.25		P	3.7
8	☐			4489.72		P	7.4
9	☐			4789.80		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22498.58	0.0716	P	0.8
2	☐	50.000	43.251	33202.65	0.1056	P	1.9
3	☐	500.000	488.868	142024.89	0.4557	P	0.7
4	☐	2500.000	2590.815	655892.30	2.1074	P	1.2
5	☐	6250.000	6667.092	1577679.46	5.3105	A	2.9
6	☐	12500.000	12972.181	3152287.94	10.2650	A	2.1
7	☐	25000.000	24869.735	5971381.82	19.6140	A	1.1
8	☐	50000.000	51180.255	12397897.07	40.2884	A	1.4
9	☐	250000.00	249742.05	61744437.49	196.3160	A	0.8

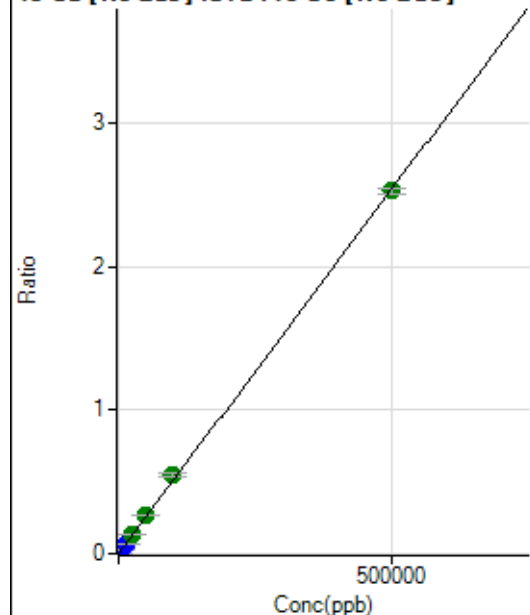
$$y = 7.8579E-004 * x + 0.0716$$

$$R = 1.0000$$

$$DL = 2.284$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	436.15	0.0000	P	9.1
2	☐	50.000	48.240	2969.14	0.0003	P	1.2
3	☐	500.000	485.178	25366.29	0.0025	P	1.7
4	☐	5000.000	5080.921	259003.89	0.0259	P	1.4
5	☐	12500.000	12386.137	655957.61	0.0630	P	2.5
6	☐	25000.000	27238.461	1375137.51	0.1385	A	2.5
7	☐	50000.000	52316.087	2700623.54	0.2660	A	1.1
8	☐	100000.00	108189.49	5571549.70	0.5501	A	2.9
9	☐	500000.00	498020.62	25357782.85	2.5323	A	1.9

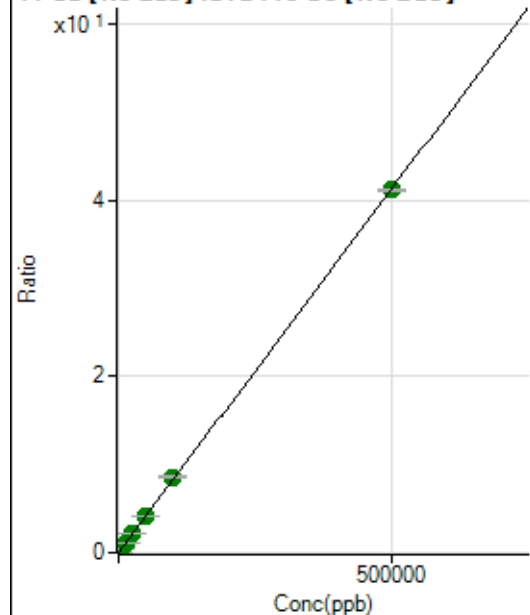
$$y = 5.0846\text{E-}006 * x + 4.3387\text{E-}005$$

$$R = 0.9998$$

$$DL = 2.333$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	39171.30	0.0039	P	1.6
2	☐	50.000	45.623	78786.44	0.0077	P	2.6
3	☐	500.000	487.264	445712.49	0.0441	P	0.8
4	☐	5000.000	5111.369	4261359.40	0.4257	A	0.7
5	☐	12500.000	12536.717	10809677.77	1.0384	A	1.9
6	☐	25000.000	26247.052	21533827.58	2.1698	A	3.1
7	☐	50000.000	50399.131	42255772.12	4.1628	A	3.1
8	☐	100000.00	104423.49	87322156.44	8.6208	A	1.2
9	☐	500000.00	499011.01	412427953.6	41.1819	A	0.7

$$y = 8.2519\text{E-}005 * x + 0.0039$$

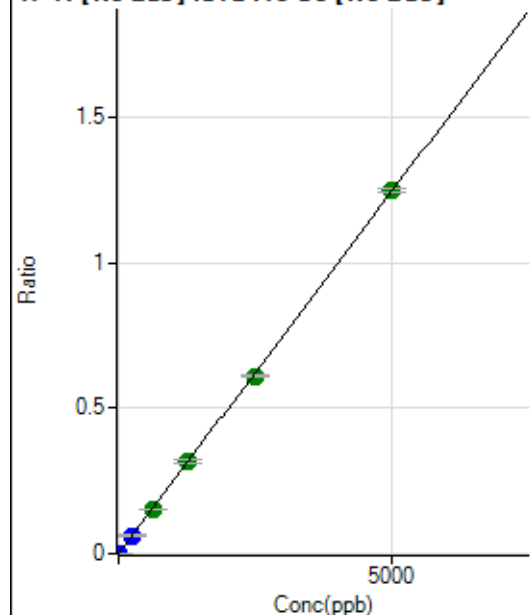
$$R = 1.0000$$

$$DL = 2.217$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	325.02	0.0000	P	20.8
2	☐	0.500	0.440	1461.23	0.0001	P	11.0
3	☐	5.000	4.985	12853.28	0.0013	P	2.9
4	☐	250.000	251.746	626822.19	0.0626	P	2.7
5	☐	625.000	618.734	1602069.66	0.1539	A	1.6
6	☐	1250.000	1278.884	3156027.78	0.3181	A	4.1
7	☐	2500.000	2456.111	6200115.55	0.6108	A	1.1
8	☐	5000.000	5015.419	12633281.27	1.2472	A	1.2
9	☐			4500.56	0.0004	P	30.6

$$y = 2.4867E-004 * x + 3.2395E-005$$

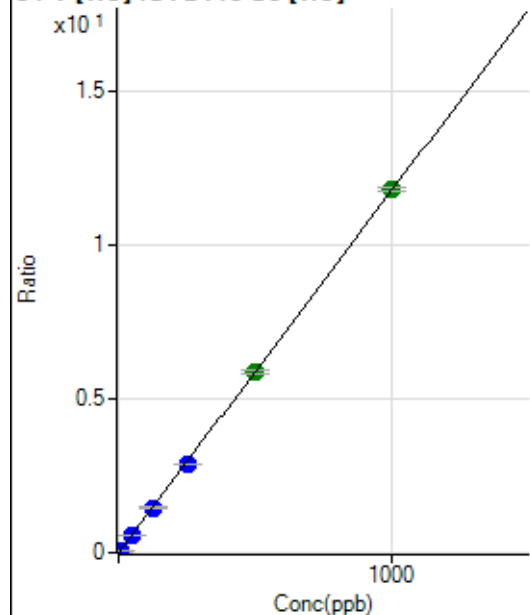
$$R = 0.9999$$

$$DL = 0.08111$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0001	P	19.0
2	☐	0.500	0.456	1711.23	0.0054	P	4.1
3	☐	5.000	4.800	17580.86	0.0564	P	1.1
4	☐	50.000	49.134	179493.21	0.5767	P	0.6
5	☐	125.000	123.694	431251.54	1.4518	P	2.3
6	☐	250.000	242.990	875736.73	2.8518	P	0.9
7	☐	500.000	498.123	1779635.69	5.8460	A	2.1
8	☐	1000.000	1002.899	3622201.23	11.7700	A	0.9
9	☐			984.49	0.0031	P	12.6

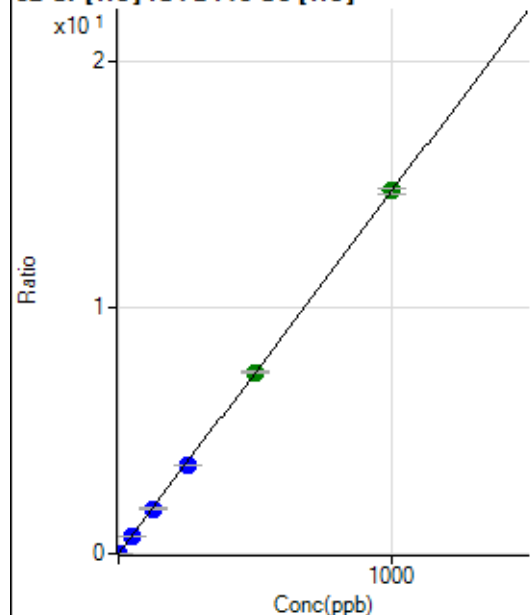
$$y = 0.0117 * x + 8.8477E-005$$

$$R = 1.0000$$

$$DL = 0.004302$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1074.50	0.0034	P	1.1
2	☐	0.200	0.169	1854.58	0.0059	P	3.4
3	☐	2.000	1.960	10041.38	0.0322	P	2.3
4	☐	50.000	48.602	223302.82	0.7175	P	1.3
5	☐	125.000	123.826	541504.01	1.8227	P	1.5
6	☐	250.000	242.660	1095861.77	3.5686	P	1.0
7	☐	500.000	501.111	2242476.22	7.3657	A	1.1
8	☐	1000.000	1001.496	4529019.10	14.7174	A	1.6
9	☐			15355.00	0.0488	P	0.8

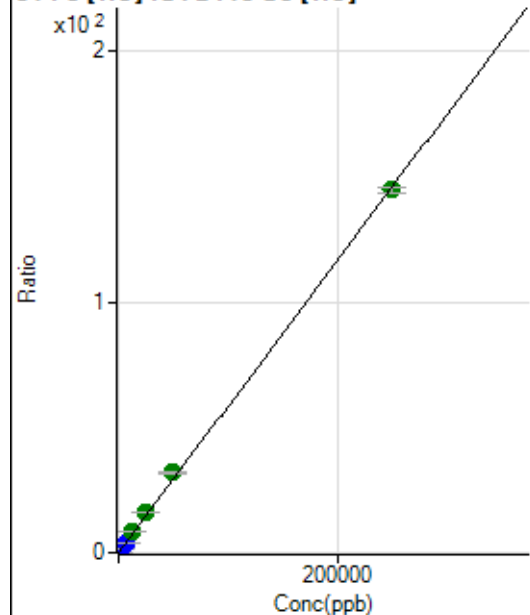
$$y = 0.0147 * x + 0.0034$$

$$R = 1.0000$$

$$DL = 0.007794$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	779.67	0.0025	P	15.0
2	☐	5.000	5.231	1737.18	0.0055	P	7.2
3	☐	50.000	55.668	10872.84	0.0349	P	1.0
4	☐	2500.000	2683.744	486992.70	1.5647	P	1.7
5	☐	6250.000	6861.314	1187290.84	3.9966	P	1.8
6	☐	12500.000	13878.301	2481655.64	8.0813	A	0.4
7	☐	25000.000	27284.198	4835805.26	15.8851	A	1.8
8	☐	50000.000	54993.861	9852170.94	32.0153	A	1.1
9	☐	250000.00	248686.77	45529015.37	144.7672	A	1.6

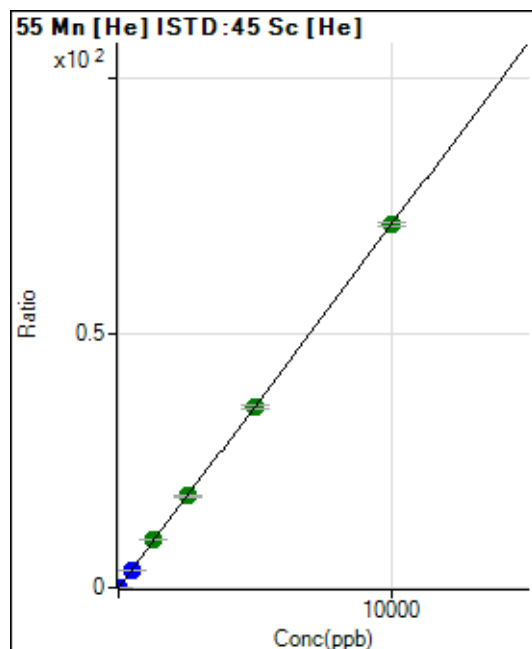
$$y = 5.8212E-004 * x + 0.0025$$

$$R = 0.9998$$

$$DL = 1.915$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	98.89	0.0003	P	7.0
2	☐	0.100	0.111	348.90	0.0011	P	3.7
3	☐	1.000	1.000	2322.44	0.0075	P	4.0
4	☐	500.000	500.269	1111283.06	3.5706	P	1.0
5	☐	1250.000	1310.723	2779270.24	9.3547	A	1.8
6	☐	2500.000	2521.548	5526263.74	17.9961	A	0.8
7	☐	5000.000	4993.221	10848854.97	35.6359	A	1.7
8	☐	10000.000	9990.398	21941390.23	71.2997	A	1.0
9	☐			35201.19	0.1119	P	0.9

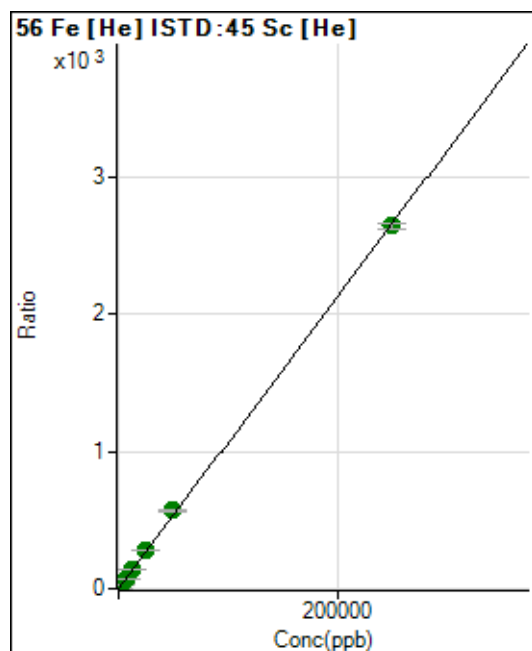
$$y = 0.0071 * x + 3.1473E-004$$

$$R = 1.0000$$

$$DL = 0.009209$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	5832.78	0.0186	P	2.9
2	☐	5.000	5.087	22827.80	0.0726	P	2.4
3	☐	50.000	53.776	183758.37	0.5897	P	0.6
4	☐	2500.000	2697.161	8920569.93	28.6626	A	1.6
5	☐	6250.000	7002.570	22093742.39	74.3864	A	3.5
6	☐	12500.000	13479.225	43965522.74	143.1690	A	1.1
7	☐	25000.000	26593.688	85972846.37	282.4456	A	3.2
8	☐	50000.000	53476.521	174766265.0	567.9434	A	2.5
9	☐	250000.00	249075.57	832029277.8	2,645.220	A	1.4

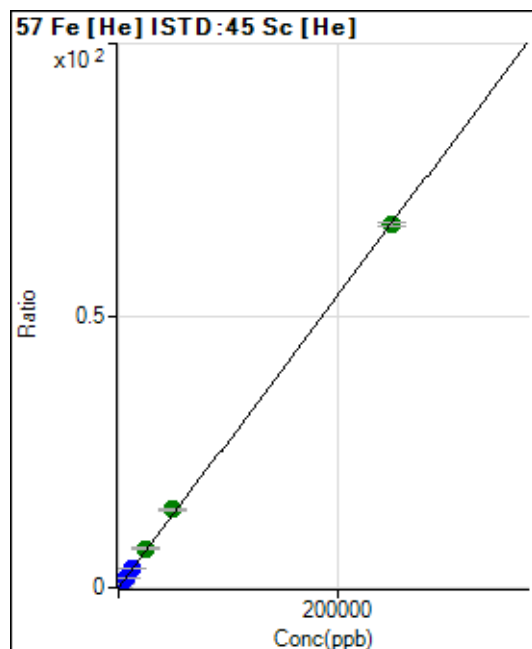
$$y = 0.0106 * x + 0.0186$$

$$R = 0.9999$$

$$DL = 0.1523$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	235.19	0.0007	P	28.3
2	☐	5.000	5.156	670.40	0.0021	P	4.4
3	☐	50.000	55.075	4836.09	0.0155	P	3.7
4	☐	2500.000	2598.390	217020.09	0.6973	P	0.4
5	☐	6250.000	6755.496	538124.68	1.8117	P	3.1
6	☐	12500.000	13029.604	1072833.86	3.4936	P	0.4
7	☐	25000.000	26819.834	2188557.36	7.1903	A	4.0
8	☐	50000.000	53810.142	4439469.05	14.4256	A	1.9
9	☐	250000.00	249015.88	20994201.16	66.7542	A	1.2

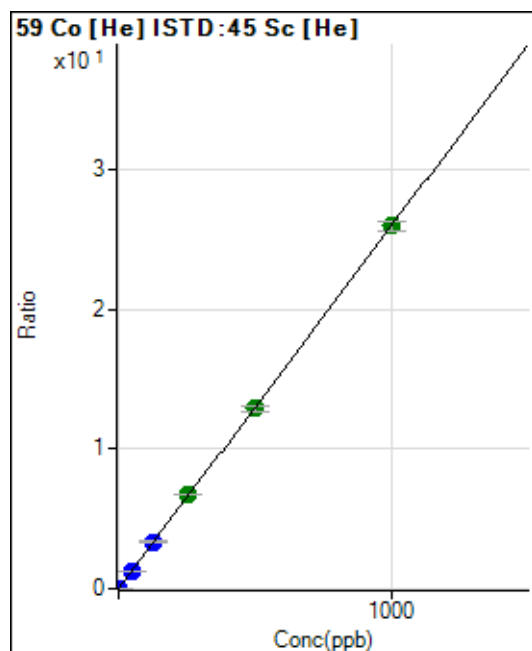
$$y = 2.6807\text{E-}004 * x + 7.4946\text{E-}004$$

$$R = 0.9999$$

$$DL = 2.372$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	132.22	0.0004	P	2.8
2	☐	0.100	0.101	954.49	0.0030	P	6.4
3	☐	1.000	0.979	8054.57	0.0258	P	2.7
4	☐	50.000	49.867	402988.69	1.2948	P	1.2
5	☐	125.000	128.371	989903.22	3.3326	P	2.8
6	☐	250.000	257.956	2056349.05	6.6962	A	0.3
7	☐	500.000	496.040	3919559.91	12.8762	A	2.6
8	☐	1000.000	999.576	7984553.00	25.9466	A	2.7
9	☐			18531.09	0.0589	P	2.5

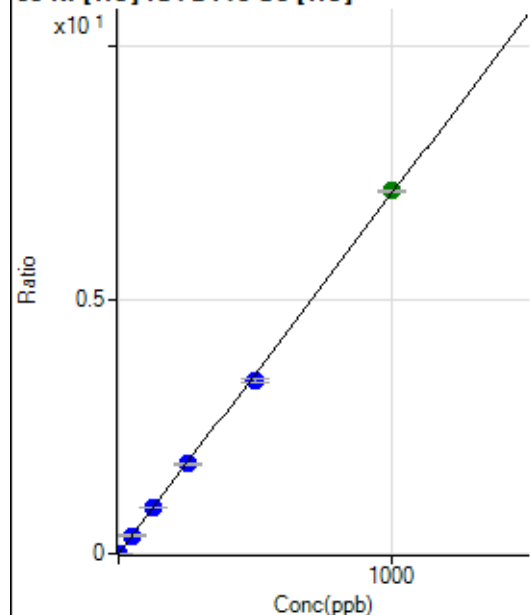
$$y = 0.0260 * x + 4.2081\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.001338$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	345.56	0.0011	P	2.8
2	☐	0.100	0.109	590.02	0.0019	P	8.2
3	☐	1.000	1.041	2642.49	0.0085	P	4.9
4	☐	50.000	50.500	111807.58	0.3592	P	0.7
5	☐	125.000	127.306	268527.91	0.9039	P	2.2
6	☐	250.000	249.340	543356.62	1.7694	P	1.3
7	☐	500.000	482.713	1042485.36	3.4245	P	2.3
8	☐	1000.000	1008.495	2201348.79	7.1533	A	0.6
9	☐			7436.45	0.0236	P	1.2

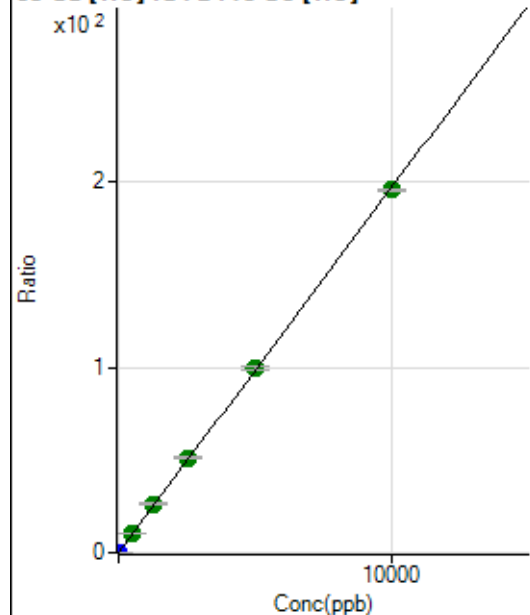
$$y = 0.0071 * x + 0.0011$$

$$R = 0.9998$$

$$DL = 0.01281$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1035.55	0.0033	P	5.5
2	☐	0.200	0.211	2342.38	0.0074	P	3.8
3	☐	2.000	1.892	12635.87	0.0405	P	2.0
4	☐	500.000	525.242	3219519.25	10.3446	A	1.2
5	☐	1250.000	1324.722	7747580.05	26.0852	A	3.5
6	☐	2500.000	2595.610	15693558.74	51.1073	A	2.1
7	☐	5000.000	5054.759	30299341.15	99.5245	A	1.2
8	☐	10000.000	9938.116	60218186.20	195.6710	A	0.3
9	☐			17999.18	0.0572	P	6.9

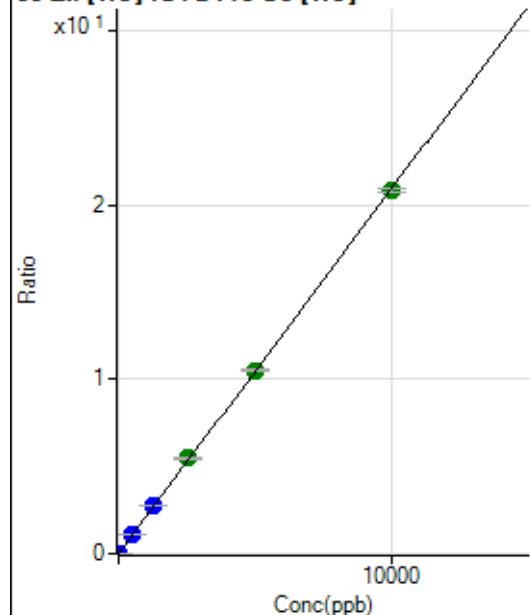
$$y = 0.0197 * x + 0.0033$$

$$R = 0.9999$$

$$DL = 0.02755$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	790.03	0.0025	P	2.5
2	☐	0.200	0.178	907.82	0.0029	P	2.7
3	☐	2.000	2.549	2446.90	0.0079	P	4.6
4	☐	500.000	515.652	337000.24	1.0828	P	0.9
5	☐	1250.000	1317.337	820448.68	2.7623	P	3.5
6	☐	2500.000	2626.961	1690761.54	5.5060	A	1.8
7	☐	5000.000	5031.732	3209793.43	10.5440	A	2.1
8	☐	10000.000	9943.194	6411715.67	20.8336	A	1.0
9	☐			12356.59	0.0393	P	1.2

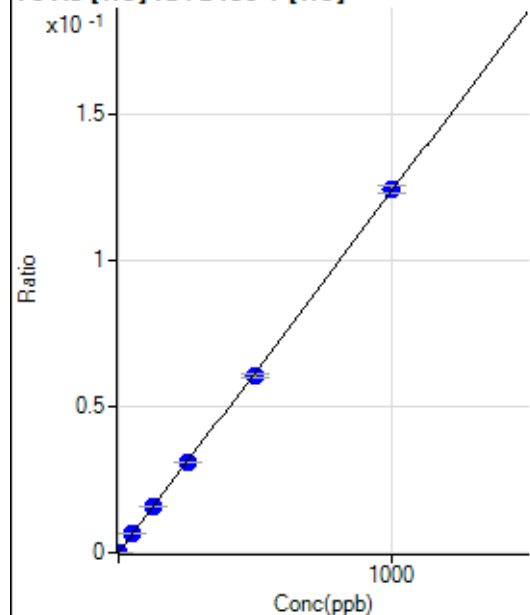
$$y = 0.0021 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 0.09038$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20.67	0.0000	P	11.7
2	☐	0.100	0.087	55.34	0.0000	P	2.4
3	☐	1.000	1.026	427.38	0.0001	P	1.3
4	☐	50.000	51.040	20134.34	0.0063	P	1.7
5	☐	125.000	127.951	48943.11	0.0158	P	1.3
6	☐	250.000	248.646	98629.60	0.0307	P	0.7
7	☐	500.000	490.162	192292.56	0.0606	P	2.9
8	☐	1000.000	1004.837	391156.46	0.1242	P	2.0
9	☐			166.69	0.0001	P	4.0

$$y = 1.2360E-004 * x + 6.5808E-006$$

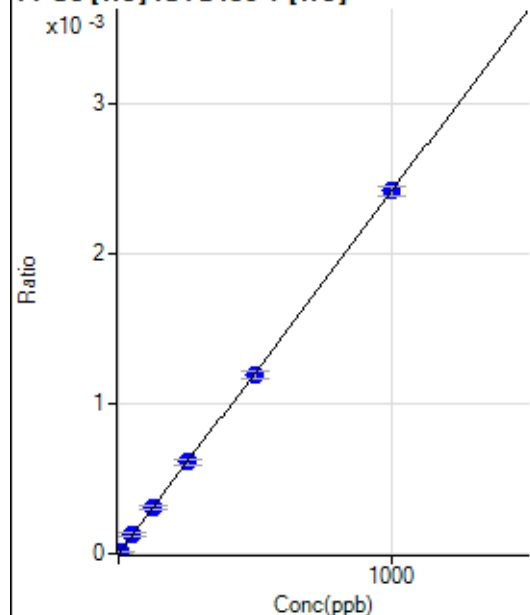
$$R = 0.9999$$

$$DL = 0.0187$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500	1.158	10.00	0.0000	P	66.5
3	☐	5.000	5.751	45.56	0.0000	P	18.3
4	☐	50.000	53.386	412.23	0.0001	P	16.8
5	☐	125.000	126.837	946.71	0.0003	P	5.3
6	☐	250.000	253.172	1959.05	0.0006	P	6.6
7	☐	500.000	494.510	3782.76	0.0012	P	4.2
8	☐	1000.000	1001.549	7603.25	0.0024	P	2.3
9	☐			2.22	0.0000	P	86.6

$$y = 2.4101\text{E-}006 * x + 3.5771\text{E-}007$$

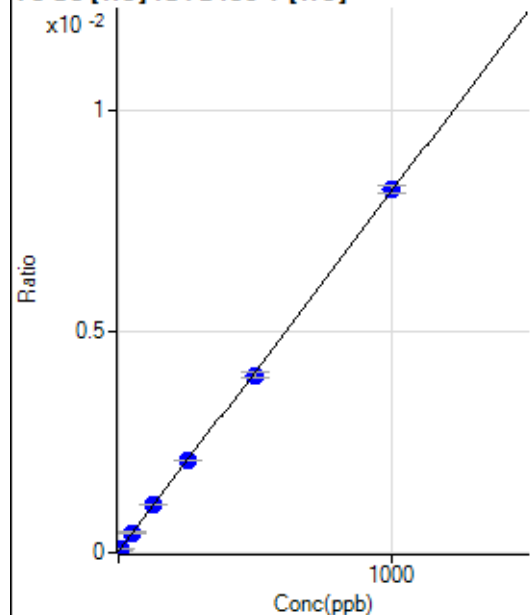
$$R = 1.0000$$

$$DL = 0.7712$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.68	0.0000	P	19.6
2	☐	0.500	0.230	82.68	0.0000	P	6.4
3	☐	5.000	5.406	218.02	0.0001	P	1.5
4	☐	50.000	52.768	1444.89	0.0005	P	2.7
5	☐	125.000	129.624	3335.73	0.0011	P	1.6
6	☐	250.000	253.571	6693.95	0.0021	P	1.1
7	☐	500.000	489.383	12708.34	0.0040	P	2.7
8	☐	1000.000	1003.697	25782.77	0.0082	P	2.2
9	☐			78.01	0.0000	P	12.3

$$y = 8.1331\text{E-}006 * x + 2.4095\text{E-}005$$

$$R = 0.9999$$

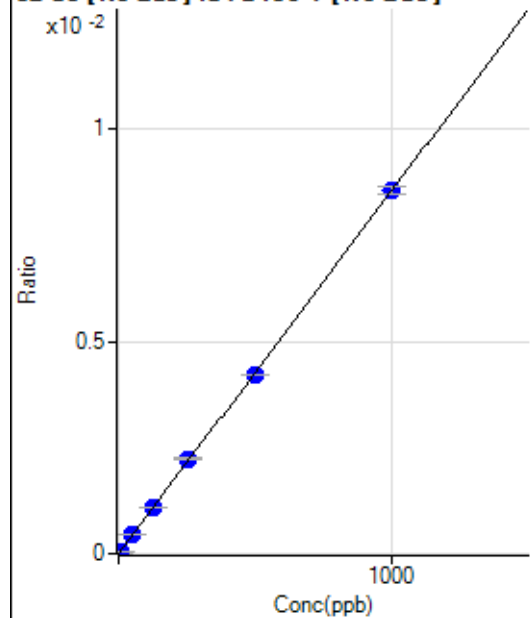
$$DL = 1.739$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			29157.14		P	1.6
2	☐			29287.65		P	2.7
3	☐			29618.65		P	1.1
4	☐			29608.48		P	0.4
5	☐			28812.69		P	1.9
6	☐			29233.97		P	2.4
7	☐			28244.34		P	2.3
8	☐			29384.40		P	3.9
9	☐			29728.82		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.66	0.0000	P	2722.
2	☐	0.500	0.504	132.22	0.0000	P	50.2
3	☐	5.000	5.117	1292.36	0.0000	P	9.5
4	☐	50.000	51.670	13123.44	0.0004	P	1.3
5	☐	125.000	126.369	32919.26	0.0011	P	1.9
6	☐	250.000	262.120	65810.61	0.0022	P	3.5
7	☐	500.000	492.764	128010.30	0.0042	P	0.5
8	☐	1000.000	1000.333	257502.06	0.0085	P	2.1
9	☐			332.02	0.0000	P	51.7

$$y = 8.5394E-006 * x + 9.1378E-008$$

$$R = 0.9999$$

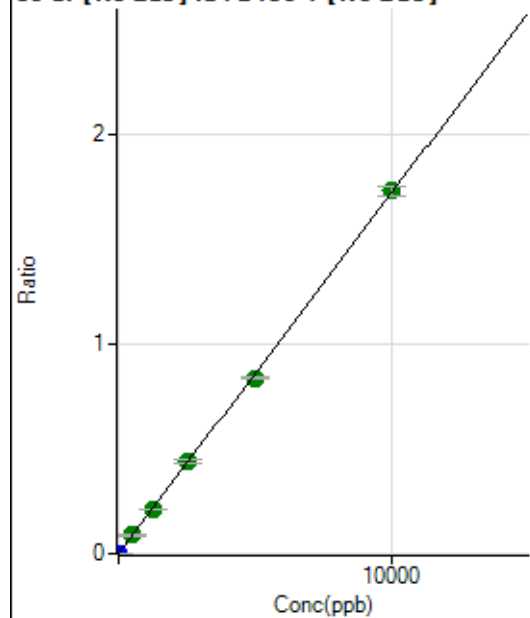
$$DL = 0.8739$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			952.26		P	9.7
2	☐			955.60		P	4.7
3	☐			950.04		P	12.4
4	☐			961.15		P	3.7
5	☐			996.71		P	5.6
6	☐			945.60		P	7.8
7	☐			916.71		P	9.8
8	☐			950.04		P	7.6
9	☐			1002.27		P	14.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1530.68	0.0001	P	6.9
2	☐	0.100	0.123	2186.35	0.0001	P	4.6
3	☐	1.000	1.095	7079.79	0.0002	P	1.2
4	☐	500.000	506.462	2592678.10	0.0872	A	0.9
5	☐	1250.000	1224.219	6426160.95	0.2107	A	2.9
6	☐	2500.000	2543.259	12867211.23	0.4376	A	3.6
7	☐	5000.000	4871.009	25497139.63	0.8382	A	1.0
8	☐	10000.000	10056.580	52158602.55	1.7304	A	2.5
9	☐			39030.40	0.0013	P	1.4

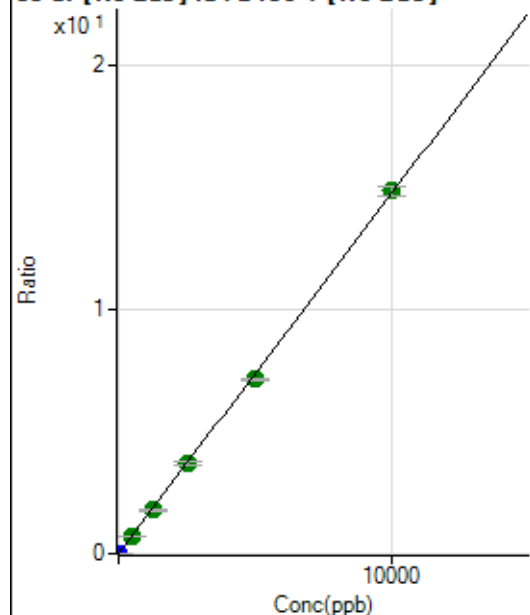
$$y = 1.7206E-004 * x + 5.1306E-005$$

$$R = 0.9999$$

$$DL = 0.06213$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	952.84	0.0000	P	2.8
2	☐	0.100	0.090	4956.55	0.0002	P	2.7
3	☐	1.000	1.049	46617.67	0.0016	P	1.1
4	☐	500.000	494.709	21684424.79	0.7293	A	1.1
5	☐	1250.000	1214.391	54600146.70	1.7901	A	2.9
6	☐	2500.000	2510.992	108823143.4	3.7014	A	4.1
7	☐	5000.000	4856.172	217756904.8	7.1584	A	1.1
8	☐	10000.000	10073.882	447602398.9	14.8497	A	2.7
9	☐			312806.17	0.0104	P	0.6

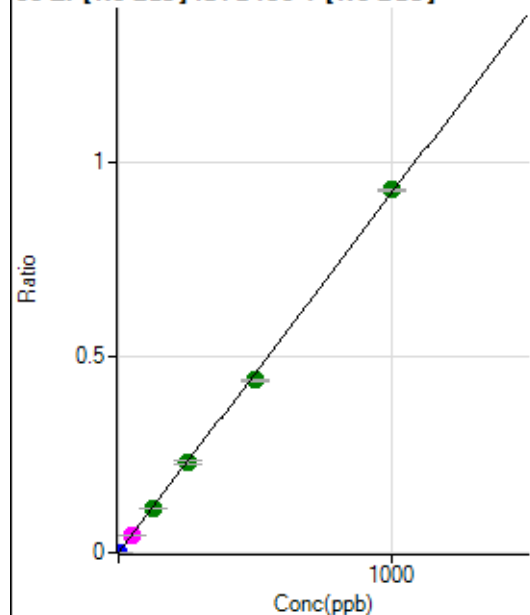
$$y = 0.0015 * x + 3.1936E-005$$

$$R = 0.9999$$

$$DL = 0.001826$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1238.98	0.0000	P	2.3
2	☐	0.100	0.089	3706.16	0.0001	P	6.4
3	☐	1.000	0.915	26035.95	0.0009	P	0.8
4	☐	50.000	49.303	1347680.81	0.0453	M	1.4
5	☐	125.000	122.634	3436930.76	0.1127	A	1.8
6	☐	250.000	252.380	6814428.62	0.2318	A	5.1
7	☐	500.000	479.866	13408082.76	0.4408	A	1.1
8	☐	1000.000	1009.803	27963063.82	0.9275	A	0.6
9	☐			15506.25	0.0005	P	2.4

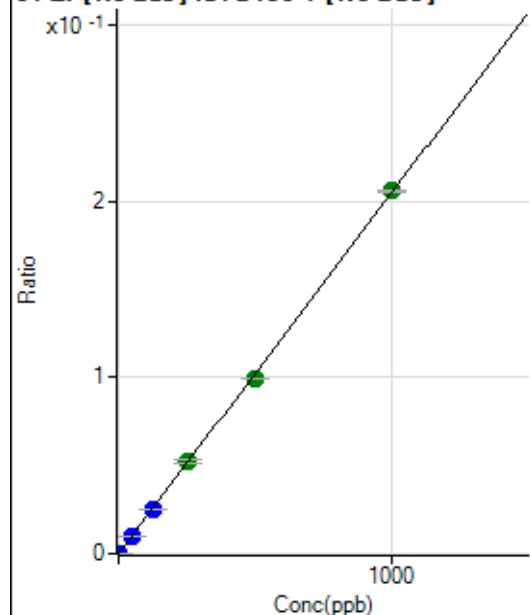
$$y = 9.1844E-004 * x + 4.1527E-005$$

$$R = 0.9997$$

$$DL = 0.003173$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	247.23	0.0000	P	11.7
2	☐	0.100	0.091	811.15	0.0000	P	13.4
3	☐	1.000	0.889	5620.73	0.0002	P	0.2
4	☐	50.000	48.126	293181.94	0.0099	P	2.0
5	☐	125.000	121.105	756542.56	0.0248	P	1.3
6	☐	250.000	256.643	1544447.16	0.0525	A	5.2
7	☐	500.000	486.098	3027606.75	0.0995	A	0.7
8	☐	1000.000	1005.871	6208249.32	0.2059	A	0.6
9	☐			3328.27	0.0001	P	0.7

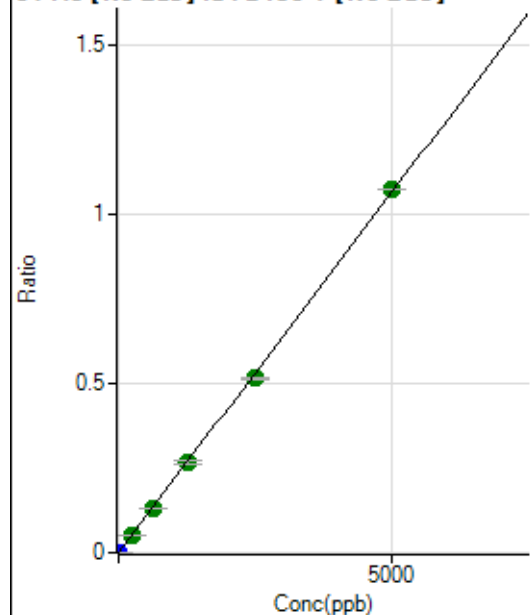
$$y = 2.0471\text{E-}004 * x + 8.2850\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01416$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	472.24	0.0000	P	6.3
2	☐	0.500	0.442	3306.03	0.0001	P	3.3
3	☐	5.000	4.677	29779.73	0.0010	P	2.7
4	☐	250.000	248.900	1571334.37	0.0528	A	1.3
5	☐	625.000	607.585	3935113.54	0.1290	A	0.8
6	☐	1250.000	1259.188	7856245.23	0.2673	A	5.0
7	☐	2500.000	2418.007	15614853.82	0.5132	A	1.5
8	☐	5000.000	5040.932	32260273.64	1.0700	A	0.1
9	☐			14644.16	0.0005	P	2.4

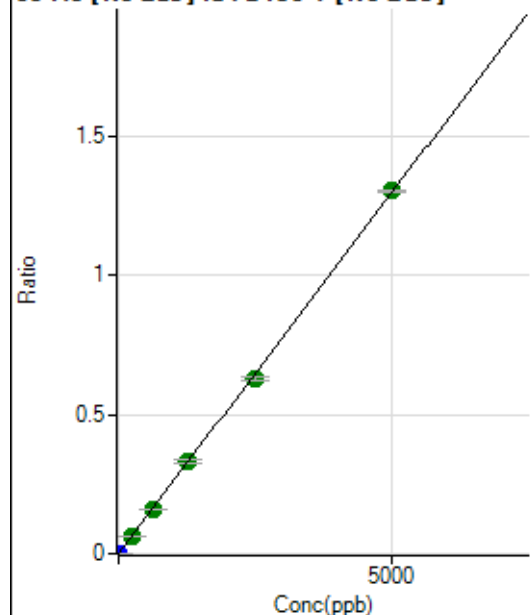
$$y = 2.1225\text{E-}004 * x + 1.5828\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.014$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	166.67	0.0000	P	26.4
2	☐	0.500	0.443	3636.68	0.0001	P	3.3
3	☐	5.000	4.819	37089.14	0.0013	P	1.8
4	☐	250.000	245.341	1893184.79	0.0637	A	0.9
5	☐	625.000	606.917	4805460.26	0.1575	A	0.8
6	☐	1250.000	1281.124	9773455.08	0.3324	A	3.8
7	☐	2500.000	2430.416	19186403.03	0.6307	A	2.1
8	☐	5000.000	5029.505	39349050.18	1.3051	A	0.3
9	☐			15244.89	0.0005	P	5.4

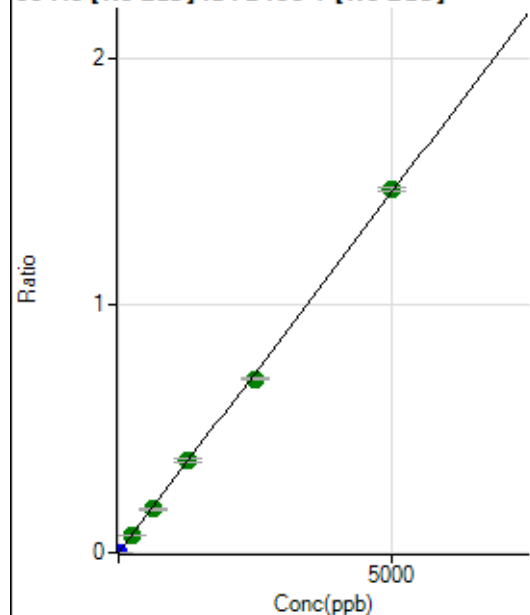
$$y = 2.5949\text{E-}004 * x + 5.5851\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01703$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	430.57	0.0000	P	19.1
2	☐	0.500	0.456	4439.75	0.0001	P	7.7
3	☐	5.000	4.747	41225.91	0.0014	P	2.1
4	☐	250.000	246.383	2133119.58	0.0717	A	1.1
5	☐	625.000	602.145	5346978.50	0.1753	A	2.0
6	☐	1250.000	1273.136	10895137.14	0.3706	A	4.0
7	☐	2500.000	2415.488	21390684.33	0.7031	A	0.8
8	☐	5000.000	5039.510	44224821.82	1.4670	A	1.1
9	☐			35337.73	0.0012	P	3.7

$$y = 2.9109\text{E-}004 * x + 1.4431\text{E-}005$$

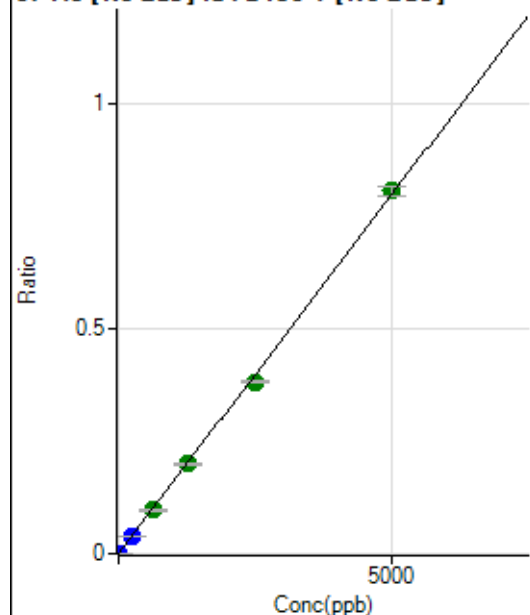
$$R = 0.9998$$

$$DL = 0.02842$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	113.90	0.0000	P	29.6
2	☐	0.500	0.452	2286.36	0.0001	P	5.1
3	☐	5.000	4.821	22805.38	0.0008	P	2.5
4	☐	250.000	240.106	1138250.42	0.0383	P	1.8
5	☐	625.000	609.737	2964813.65	0.0972	A	2.2
6	☐	1250.000	1247.660	5847821.96	0.1989	A	3.0
7	☐	2500.000	2391.477	11597715.36	0.3812	A	1.4
8	☐	5000.000	5057.249	24299869.64	0.8062	A	2.5
9	☐			9425.66	0.0003	P	1.9

$$y = 1.5940\text{E-}004 * x + 3.8171\text{E-}006$$

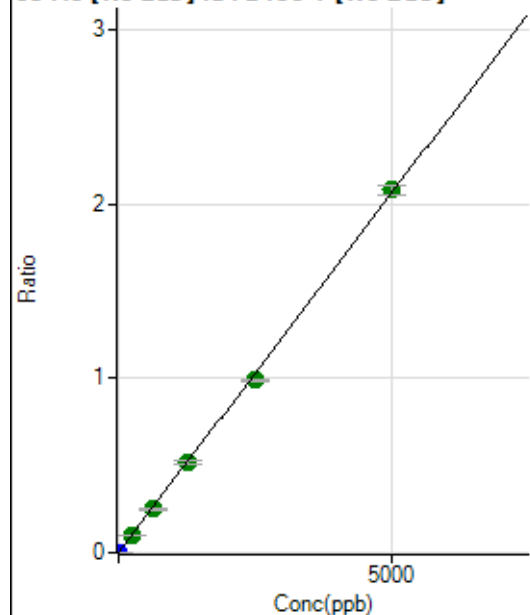
$$R = 0.9997$$

$$DL = 0.02123$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	294.46	0.0000	P	1.5
2	☐	0.500	0.451	5904.19	0.0002	P	0.7
3	☐	5.000	4.799	58741.74	0.0020	P	0.6
4	☐	250.000	241.861	2966714.13	0.0998	A	0.7
5	☐	625.000	603.189	7589378.90	0.2488	A	1.8
6	☐	1250.000	1262.594	15312354.68	0.5208	A	3.0
7	☐	2500.000	2403.766	30162450.67	0.9915	A	0.9
8	☐	5000.000	5048.102	62761727.79	2.0822	A	2.6
9	☐			22660.78	0.0008	P	6.5

$$y = 4.1246\text{E-}004 * x + 9.8689\text{E-}006$$

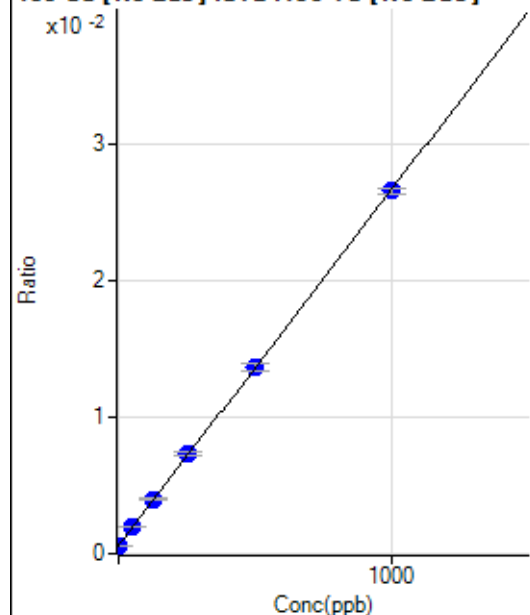
$$R = 0.9997$$

$$DL = 0.001051$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7757.90	0.0006	P	3.1
2	☐	0.100	-0.243	7710.68	0.0006	P	2.7
3	☐	1.000	1.043	8088.71	0.0006	P	4.7
4	☐	50.000	52.919	25927.78	0.0020	P	1.8
5	☐	125.000	129.982	55498.88	0.0040	P	2.5
6	☐	250.000	257.818	99713.96	0.0073	P	2.9
7	☐	500.000	501.284	187965.56	0.0136	P	3.4
8	☐	1000.000	996.635	370549.89	0.0265	P	1.7
9	☐			8397.20	0.0006	P	5.2

$$y = 2.6011\text{E-}005 * x + 5.8841\text{E-}004$$

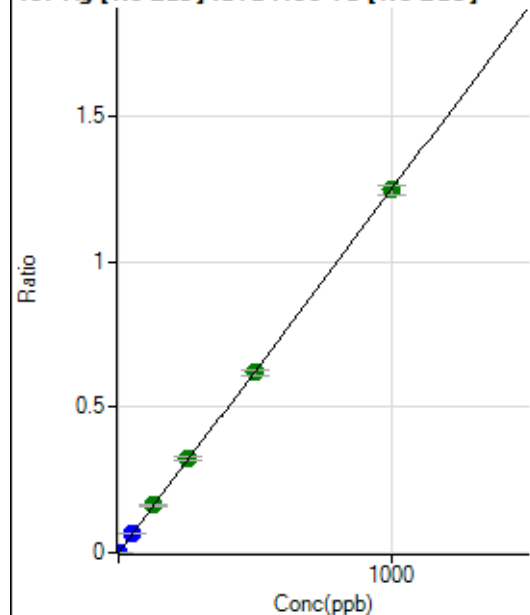
$$R = 1.0000$$

$$DL = 2.085$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	386.13	0.0000	P	22.2
2	☐	0.100	0.088	1839.06	0.0001	P	6.9
3	☐	1.000	1.001	16832.91	0.0013	P	2.9
4	☐	50.000	52.880	872609.28	0.0661	P	0.5
5	☐	125.000	129.949	2271524.57	0.1625	A	2.0
6	☐	250.000	260.054	4442988.38	0.3251	A	4.3
7	☐	500.000	496.162	8554955.92	0.6202	A	3.4
8	☐	1000.000	998.643	17445169.14	1.2482	A	2.6
9	☐			6551.77	0.0005	P	4.3

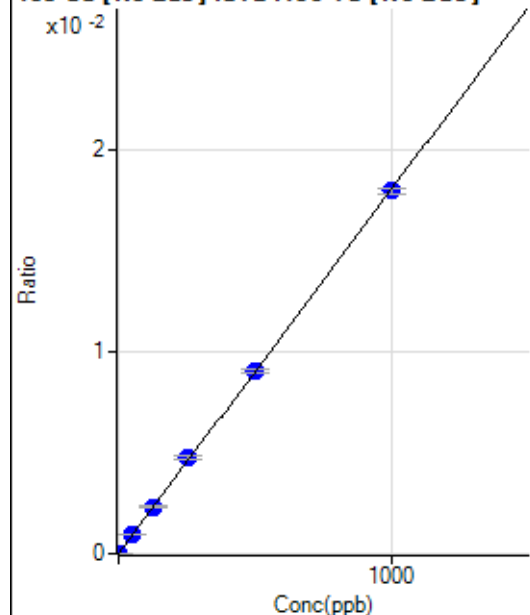
$$y = 0.0012 * x + 2.9307\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01559$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	90.28	0.0000	P	15.2
2	☐	0.100	0.160	129.17	0.0000	P	17.0
3	☐	1.000	1.147	361.12	0.0000	P	10.1
4	☐	50.000	53.477	12794.96	0.0010	P	0.9
5	☐	125.000	127.950	32305.94	0.0023	P	1.8
6	☐	250.000	263.090	64822.48	0.0047	P	4.6
7	☐	500.000	500.860	124477.76	0.0090	P	2.9
8	☐	1000.000	995.755	250641.02	0.0179	P	1.9
9	☐			273.62	0.0000	P	27.6

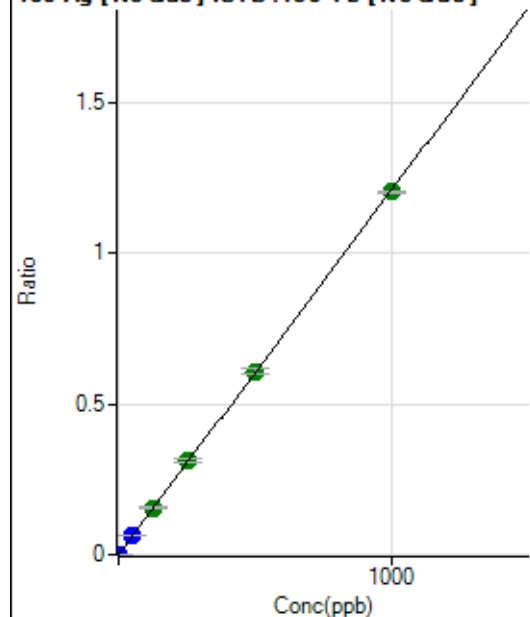
$$y = 1.8002\text{E-}005 * x + 6.8505\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.1731$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	252.79	0.0000	P	23.1
2	☐	0.100	0.079	1525.13	0.0001	P	5.4
3	☐	1.000	0.986	15937.48	0.0012	P	4.7
4	☐	50.000	52.319	834416.36	0.0632	P	0.9
5	☐	125.000	128.682	2174362.85	0.1555	A	1.9
6	☐	250.000	258.948	4276908.17	0.3129	A	3.0
7	☐	500.000	503.523	8391265.90	0.6084	A	3.6
8	☐	1000.000	995.425	16811170.86	1.2027	A	0.4
9	☐			5856.97	0.0004	P	3.6

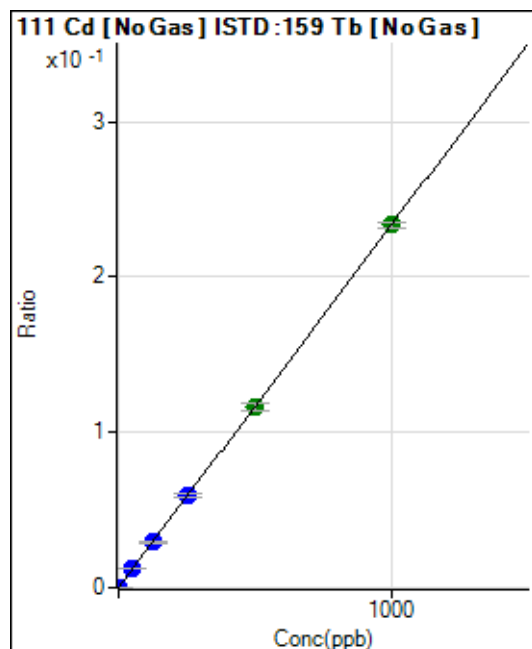
$$y = 0.0012 * x + 1.9166\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01099$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	1567.56	0.0001	P	5.1
2	☐	0.100	0.080	1822.56	0.0001	P	4.0
3	☐	1.000	0.971	4544.53	0.0003	P	1.6
4	☐	50.000	51.188	159319.79	0.0121	P	0.2
5	☐	125.000	125.789	412351.16	0.0295	P	2.8
6	☐	250.000	255.195	816251.44	0.0597	P	3.4
7	☐	500.000	497.345	1603799.27	0.1163	A	3.9
8	☐	1000.000	999.871	3265301.64	0.2336	A	1.3
9	☐			2765.77	0.0002	P	4.2

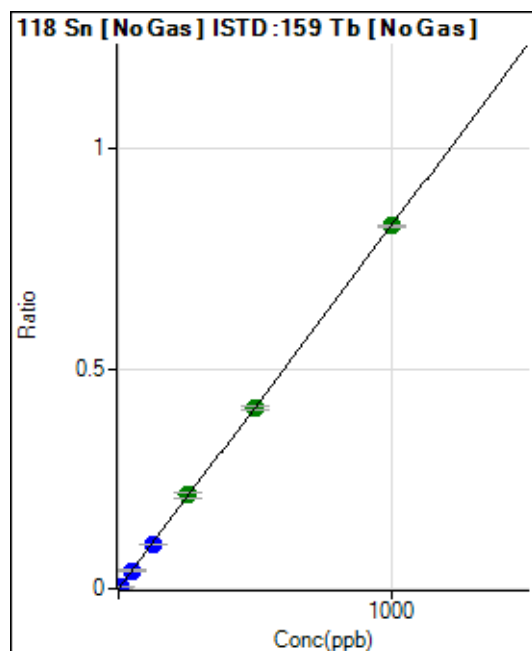
$$y = 2.3352E-004 * x + 1.1889E-004$$

$$R = 1.0000$$

$$DL = 0.07749$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	1911.30	0.0001	P	7.8
2	☐	0.500	0.495	7332.84	0.0006	P	4.4
3	☐	5.000	4.893	54941.85	0.0042	P	2.9
4	☐	50.000	50.031	546328.96	0.0414	P	1.7
5	☐	125.000	122.759	1417709.10	0.1014	P	1.3
6	☐	250.000	256.755	2895780.62	0.2119	A	4.8
7	☐	500.000	499.210	5682345.70	0.4118	A	1.7
8	☐	1000.000	998.985	11517200.34	0.8240	A	0.7
9	☐			5920.87	0.0004	P	2.3

$$y = 8.2465E-004 * x + 1.4496E-004$$

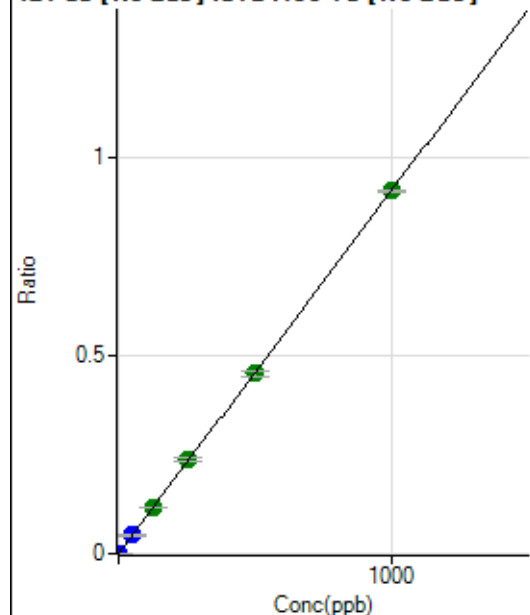
$$R = 1.0000$$

$$DL = 0.04128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	138.90	0.0000	P	24.7
2	☐	0.200	0.179	2308.59	0.0002	P	5.7
3	☐	2.000	1.969	23865.88	0.0018	P	0.5
4	☐	50.000	50.329	608554.97	0.0461	P	1.2
5	☐	125.000	126.478	1620258.54	0.1159	A	1.9
6	☐	250.000	259.068	3243677.13	0.2373	A	4.5
7	☐	500.000	496.216	6270673.97	0.4546	A	3.4
8	☐	1000.000	999.424	12797959.58	0.9155	A	0.6
9	☐			9156.08	0.0007	P	8.5

$$y = 9.1606\text{E-}004 * x + 1.0543\text{E-}005$$

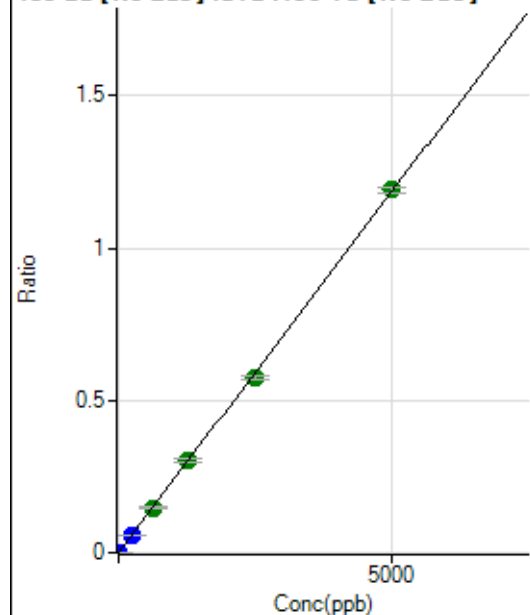
$$R = 0.9999$$

$$DL = 0.008526$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.45	0.0000	P	47.6
2	☐	1.000	0.956	3039.30	0.0002	P	5.6
3	☐	10.000	9.845	30666.13	0.0023	P	3.7
4	☐	250.000	245.978	768298.69	0.0582	P	0.5
5	☐	625.000	623.204	2062350.11	0.1475	A	2.2
6	☐	1250.000	1277.201	4130737.90	0.3023	A	5.6
7	☐	2500.000	2423.115	7912831.43	0.5735	A	1.9
8	☐	5000.000	5032.068	16646032.49	1.1909	A	1.6
9	☐			6574.02	0.0005	P	2.9

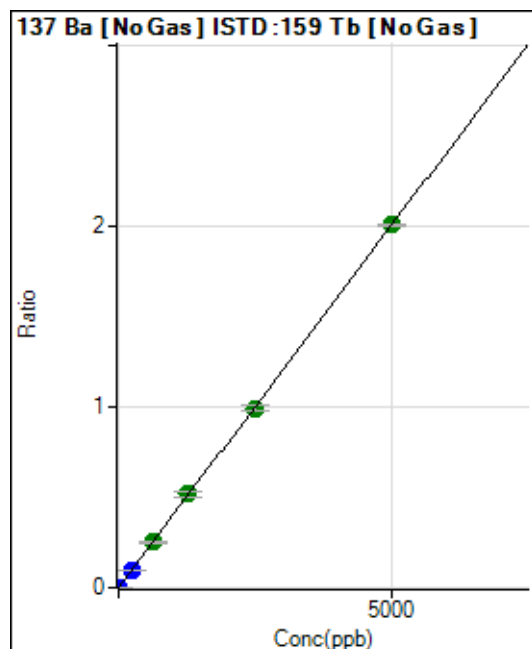
$$y = 2.3667\text{E-}004 * x + 3.3757\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.02038$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	72.22	0.0000	P	6.9
2	☐	1.000	0.951	5120.56	0.0004	P	3.9
3	☐	10.000	10.043	52960.05	0.0040	P	2.9
4	☐	250.000	250.084	1322258.24	0.1002	P	1.2
5	☐	625.000	626.582	3510391.96	0.2510	A	1.7
6	☐	1250.000	1288.935	7057433.06	0.5164	A	5.0
7	☐	2500.000	2468.631	13643473.31	0.9890	A	3.3
8	☐	5000.000	5005.749	28034025.97	2.0055	A	0.5
9	☐			11202.16	0.0008	P	5.7

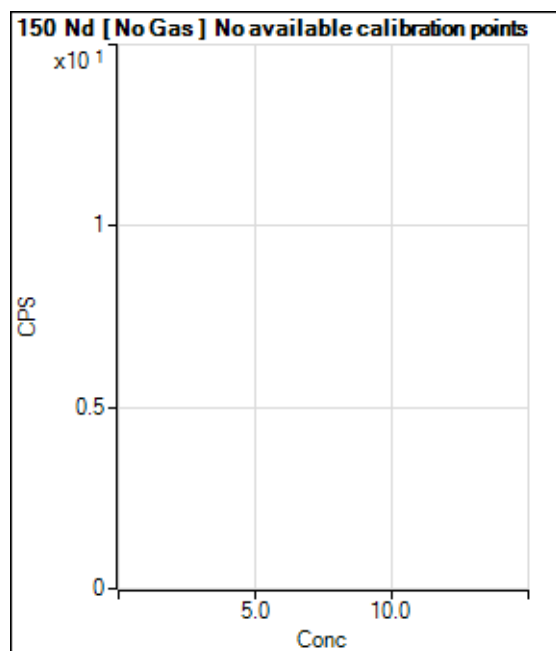
$$y = 4.0064\text{E-}004 * x + 5.4792\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.002847$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24.45		P	15.8
2	☐			40.00		P	28.9
3	☐			40.00		P	44.1
4	☐			46.67		P	62.3
5	☐			104.45		P	20.5
6	☐			220.01		P	10.9
7	☐			400.01		P	17.6
8	☐			708.92		P	8.9
9	☐			97.78		P	19.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.44		P	43.4
2	☐			1.11		P	173.2
3	☐			12.22		P	41.7
4	☐			2.22		P	173.2
5	☐			12.22		P	41.7
6	☐			14.45		P	74.2
7	☐			36.67		P	NaN
8	☐			60.00		P	25.5
9	☐			36.67		P	18.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	86.6
2	☐			30.55		P	15.7
3	☐			22.22		P	21.6
4	☐			41.67		P	80.0
5	☐			119.45		P	8.1
6	☐			208.34		P	14.4
7	☐			316.68		P	31.9
8	☐			627.81		P	8.5
9	☐			2108.55		P	5.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	69.3
2	☐			7.78		P	65.5
3	☐			3.33		P	100.1
4	☐			21.11		P	50.8
5	☐			48.89		P	21.9
6	☐			54.45		P	12.7
7	☐			138.89		P	9.7
8	☐			267.78		P	25.4
9	☐			983.38		P	2.9

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			91.67		P	15.7
2	☐			100.00		P	16.7
3	☐			113.89		P	29.6
4	☐			122.23		P	7.9
5	☐			158.34		P	13.9
6	☐			169.45		P	17.3
7	☐			280.56		P	21.9
8	☐			488.91		P	12.0
9	☐			1900.19		P	3.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			86.67		P	11.5
2	☐			71.11		P	9.8
3	☐			112.23		P	25.3
4	☐			92.22		P	16.3
5	☐			117.78		P	9.9
6	☐			131.12		P	16.1
7	☐			206.67		P	11.3
8	☐			315.56		P	4.3
9	☐			1061.17		P	3.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			69.45		P	36.7
2	☐			61.11		P	67.3
3	☐			100.01		P	14.4
4	☐			100.00		P	8.3
5	☐			105.56		P	31.9
6	☐			116.67		P	18.9
7	☐			105.56		P	4.6
8	☐			183.34		P	9.1
9	☐			327.79		P	14.7

164 Er [He] No available calibration points

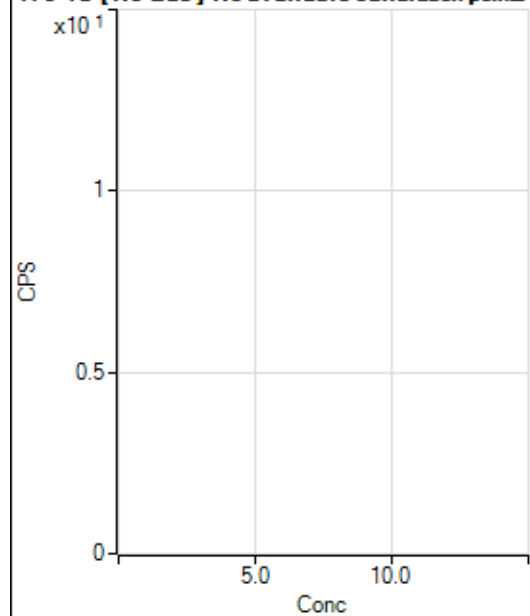
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			42.22		P	19.9
2	☐			40.00		P	44.1
3	☐			52.22		P	9.7
4	☐			41.11		P	16.9
5	☐			44.44		P	31.2
6	☐			52.22		P	24.2
7	☐			53.33		P	25.0
8	☐			82.22		P	20.0
9	☐			160.00		P	13.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			44.44		P	39.0
2	☐			41.67		P	72.1
3	☐			36.11		P	48.0
4	☐			38.89		P	24.7
5	☐			33.33		P	90.1
6	☐			63.89		P	45.8
7	☐			36.11		P	26.7
8	☐			94.45		P	36.7
9	☐			161.12		P	7.9

172 Yb [He] No available calibration points

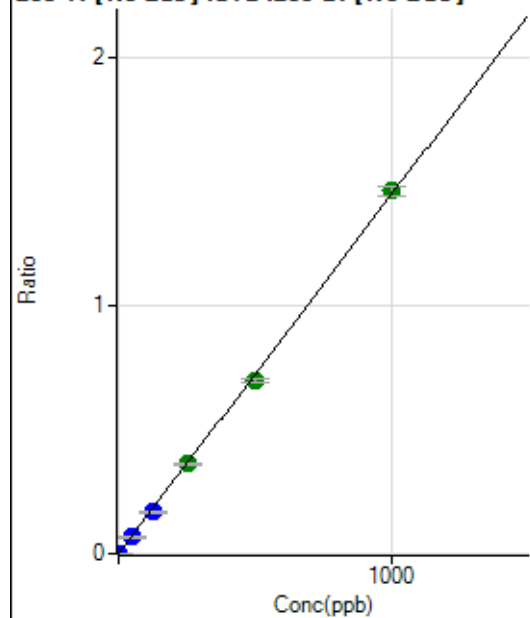
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24.07		P	48.0
2	☐			16.67		P	33.3
3	☐			20.37		P	63.0
4	☐			14.82		P	78.1
5	☐			22.22		P	0.0
6	☐			22.22		P	25.0
7	☐			25.92		P	24.7
8	☐			35.19		P	59.8
9	☐			116.67		P	29.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1661.27		P	9.3
2	☐			1655.71		P	6.4
3	☐			1444.56		P	10.7
4	☐			3625.62		P	5.7
5	☐			6704.71		P	2.6
6	☐			12016.92		P	1.3
7	☐			22386.12		P	3.6
8	☐			45038.87		P	0.8
9	☐			1650.15		P	8.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6596.22		P	3.0
2	☐			6531.37		P	4.9
3	☐			6251.58		P	6.4
4	☐			7548.58		P	2.2
5	☐			9119.97		P	4.3
6	☐			12120.60		P	3.1
7	☐			17539.64		P	1.0
8	☐			28941.24		P	1.5
9	☐			6946.39		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	897.28	0.0001	P	6.9
2	☐	0.100	0.081	1705.72	0.0002	P	15.2
3	☐	1.000	0.906	9856.79	0.0014	P	2.4
4	☐	50.000	45.520	454981.24	0.0660	P	1.2
5	☐	125.000	115.452	1227991.38	0.1671	P	3.4
6	☐	250.000	249.218	2528092.38	0.3606	A	2.6
7	☐	500.000	482.823	4950145.16	0.6985	A	2.0
8	☐	1000.000	1010.202	10188080.87	1.4613	A	2.8
9	☐			3533.92	0.0006	P	14.4

$$y = 0.0014 * x + 1.2871E-004$$

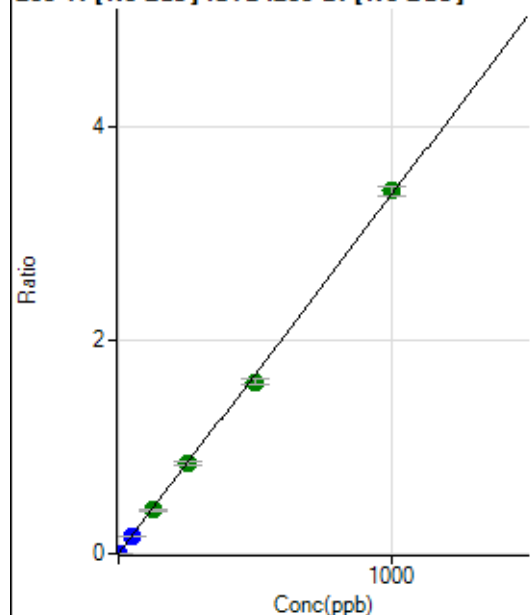
$$R = 0.9998$$

$$DL = 0.01841$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2005.77	0.0003	P	4.0
2	☐	0.100	0.082	3928.51	0.0006	P	9.9
3	☐	1.000	0.918	23093.49	0.0034	P	1.5
4	☐	50.000	46.052	1068338.46	0.1549	P	0.7
5	☐	125.000	122.027	3012159.53	0.4100	A	4.7
6	☐	250.000	251.031	5909747.44	0.8432	A	4.6
7	☐	500.000	479.365	11411309.80	1.6099	A	2.4
8	☐	1000.000	1010.629	23663979.70	3.3938	A	2.5
9	☐			8544.73	0.0013	P	15.0

$$y = 0.0034 * x + 2.8751E-004$$

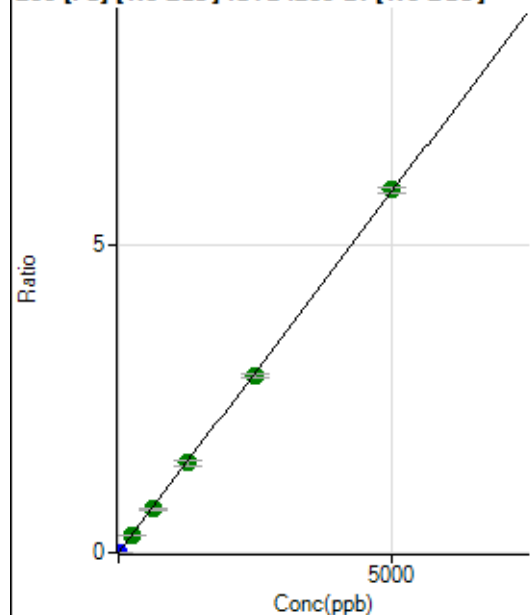
$$R = 0.9997$$

$$DL = 0.0102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1287.13	0.0002	P	7.8
2	☐	0.100	0.083	1965.00	0.0003	P	10.6
3	☐	1.000	0.946	8873.56	0.0013	P	0.2
4	☐	250.000	241.761	1957610.45	0.2839	A	3.6
5	☐	625.000	605.744	5224910.01	0.7111	A	3.7
6	☐	1250.000	1239.857	10198472.57	1.4553	A	5.1
7	☐	2500.000	2449.408	20372920.60	2.8748	A	2.8
8	☐	5000.000	5030.650	41170103.70	5.9041	A	1.9
9	☐			18246.51	0.0029	P	6.3

$$y = 0.0012 * x + 1.8466E-004$$

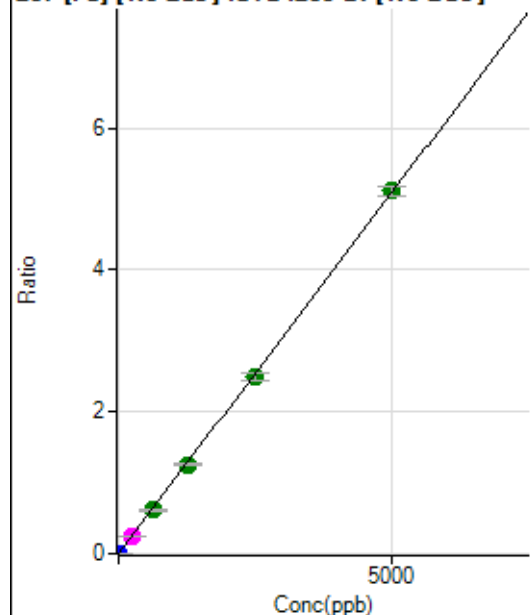
$$R = 0.9999$$

$$DL = 0.03678$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1103.77	0.0002	P	3.0
2	☐	0.100	0.100	1813.13	0.0003	P	9.1
3	☐	1.000	0.908	7409.66	0.0011	P	3.5
4	☐	250.000	237.830	1669540.81	0.2421	M	2.5
5	☐	625.000	607.601	4543191.91	0.6182	A	3.2
6	☐	1250.000	1238.172	8828934.57	1.2596	A	4.0
7	☐	2500.000	2459.246	17724469.49	2.5017	A	4.2
8	☐	5000.000	5026.117	35647575.10	5.1127	A	2.4
9	☐			16247.50	0.0025	P	4.5

$$y = 0.0010 * x + 1.5816E-004$$

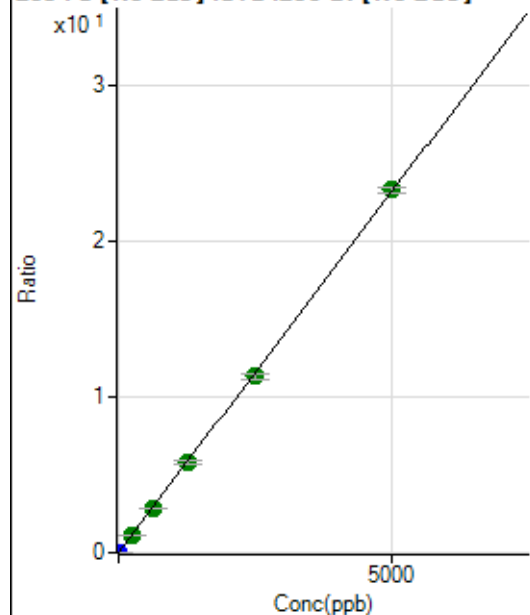
$$R = 0.9999$$

$$DL = 0.01385$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5252.38	0.0008	P	7.9
2	☐	0.100	0.085	8002.98	0.0011	P	9.5
3	☐	1.000	0.916	34234.89	0.0050	P	1.8
4	☐	250.000	243.702	7795105.63	1.1303	A	1.0
5	☐	625.000	608.509	20734527.75	2.8213	A	2.7
6	☐	1250.000	1250.988	40644755.30	5.7992	A	4.5
7	☐	2500.000	2444.160	80291415.11	11.3297	A	2.8
8	☐	5000.000	5030.049	162583712.2	23.3157	A	1.7
9	☐			72981.16	0.0114	P	4.8

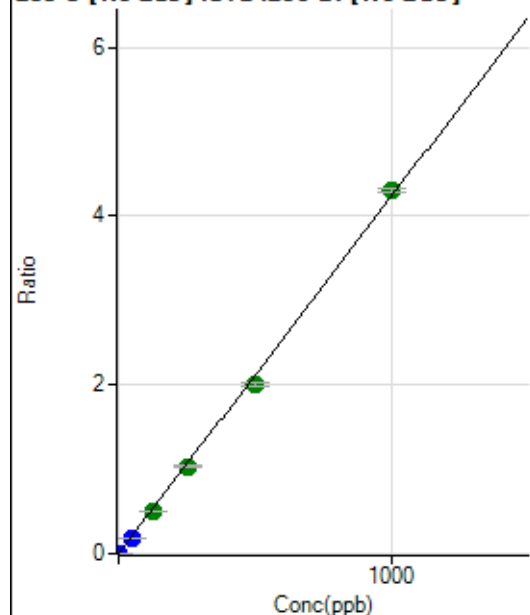
$$y = 0.0046 * x + 7.5352E-004$$

$$R = 0.9999$$

$$DL = 0.03844$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.78	0.0000	P	25.7
2	☐	0.100	0.084	2544.78	0.0004	P	6.8
3	☐	1.000	0.854	24816.65	0.0036	P	3.0
4	☐	50.000	44.660	1304570.85	0.1892	P	0.7
5	☐	125.000	119.023	3705286.89	0.5042	A	2.6
6	☐	250.000	244.676	7265837.23	1.0364	A	2.6
7	☐	500.000	475.013	14258239.21	2.0121	A	2.2
8	☐	1000.000	1014.839	29983318.73	4.2986	A	1.1
9	☐			5540.30	0.0009	P	11.5

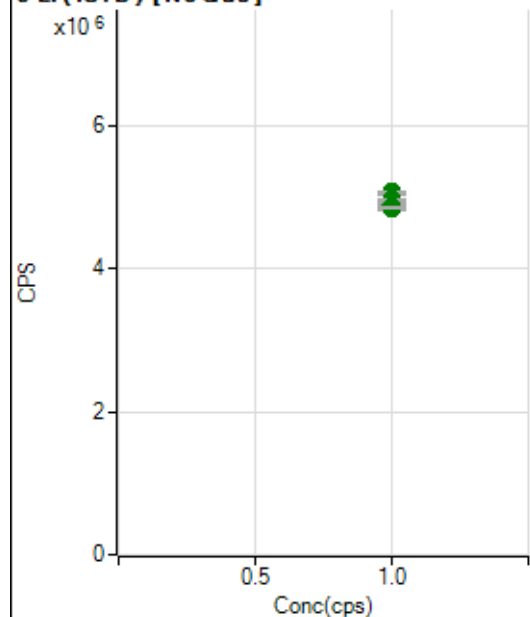
$$y = 0.0042 * x + 7.5838E-006$$

$$R = 0.9995$$

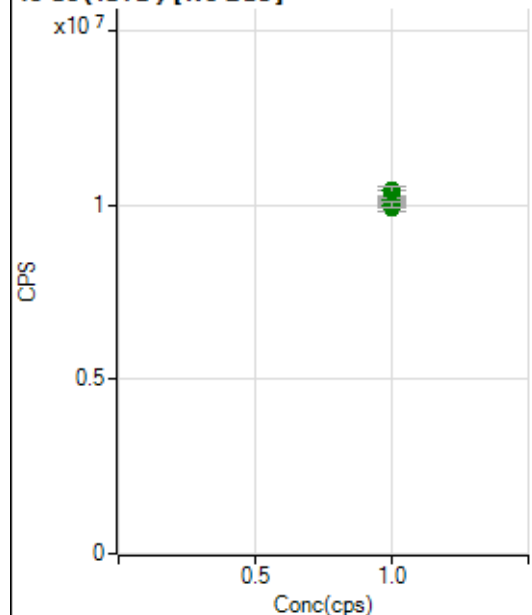
$$DL = 0.001381$$

Weight: <None>

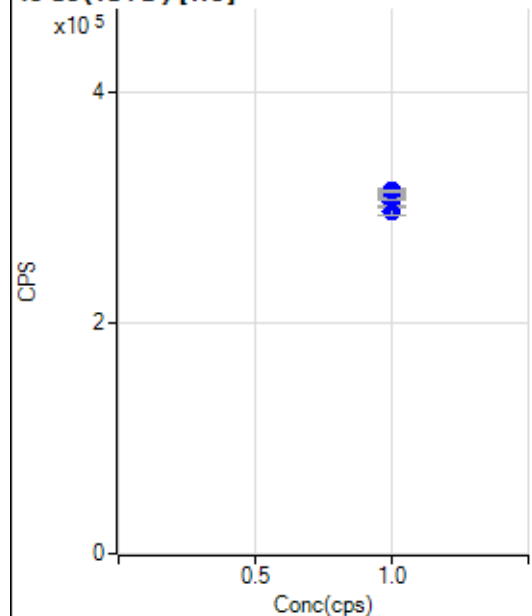
Min Conc: 0

6 Li (ISTD) [No Gas]

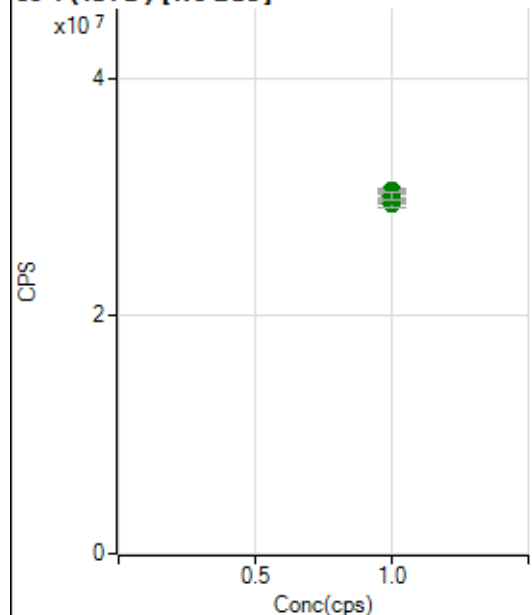
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4840876.04		A	0.9
2	☐	1.000		5067601.92		A	0.1
3	☐	1.000		4959980.95		A	3.2
4	☐	1.000		4937187.34		A	3.1
5	☐	1.000		4877427.93		A	0.2
6	☐	1.000		4883778.49		A	1.8
7	☐	1.000		4967072.20		A	1.9
8	☐	1.000		4961998.09		A	0.5
9	☐	1.000		4850224.51		A	0.5

45 Sc (ISTD) [No Gas]

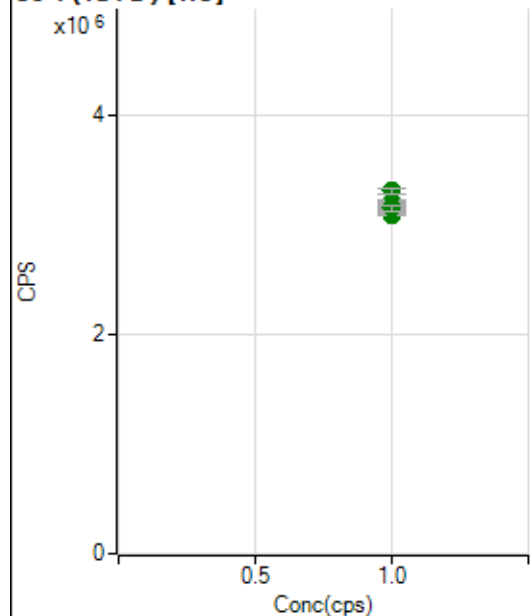
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10051631.80		A	1.4
2	☐	1.000		10287068.94		A	2.7
3	☐	1.000		10105983.74		A	1.1
4	☐	1.000		10010594.36		A	2.0
5	☐	1.000		10413381.23		A	2.8
6	☐	1.000		9928907.70		A	2.2
7	☐	1.000		10151016.38		A	0.3
8	☐	1.000		10130417.98		A	1.5
9	☐	1.000		10015394.09		A	1.3

45 Sc (ISTD) [He]

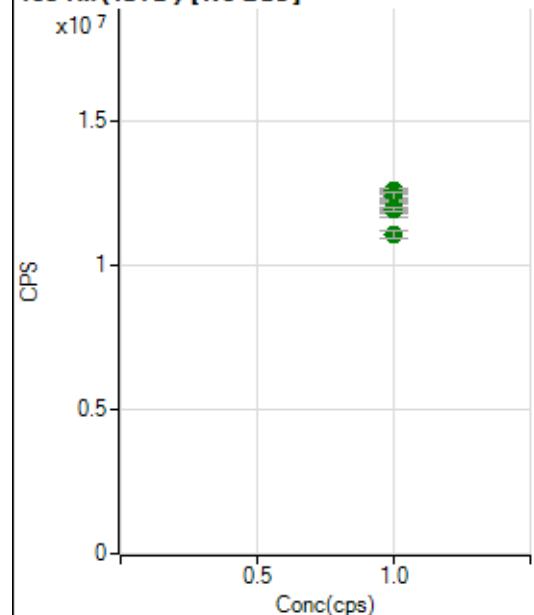
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		314205.85		P	0.7
2	☐	1.000		314482.07		P	1.0
3	☐	1.000		311646.91		P	1.3
4	☐	1.000		311230.59		P	0.1
5	☐	1.000		297146.14		P	2.0
6	☐	1.000		307088.81		P	0.4
7	☐	1.000		304472.16		P	1.3
8	☐	1.000		307748.45		P	0.7
9	☐	1.000		314518.92		P	0.7

89 Y (ISTD) [No Gas]

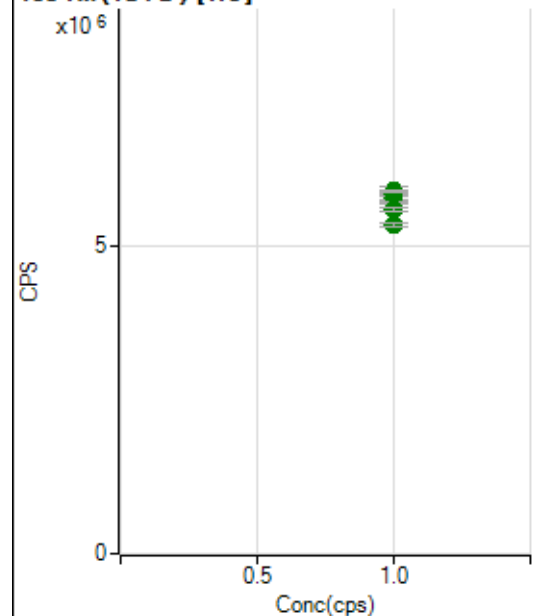
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		29836423.17		A	0.2
2	☐	1.000		30146013.44		A	1.4
3	☐	1.000		29527054.84		A	0.5
4	☐	1.000		29735617.34		A	0.6
5	☐	1.000		30509702.04		A	1.7
6	☐	1.000		29417379.56		A	2.5
7	☐	1.000		30421416.22		A	0.8
8	☐	1.000		30150330.38		A	1.5
9	☐	1.000		30069454.55		A	1.9

89 Y (ISTD) [He]

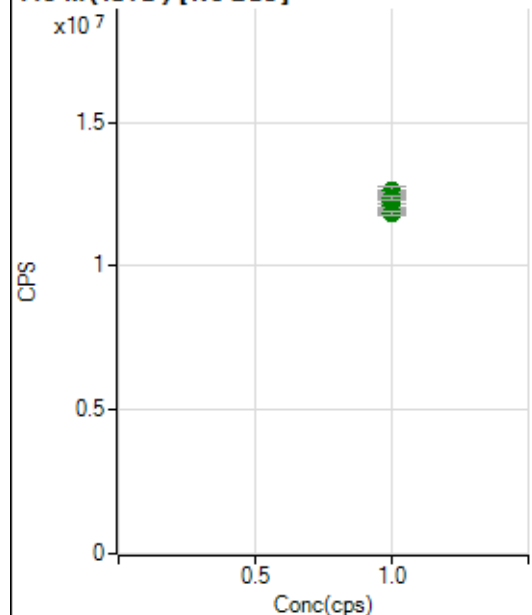
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3139204.61		A	1.3
2	☐	1.000		3186485.82		A	1.9
3	☐	1.000		3203248.74		A	1.0
4	☐	1.000		3188716.45		A	1.8
5	☐	1.000		3093676.83		A	1.0
6	☐	1.000		3208425.75		A	0.8
7	☐	1.000		3175033.11		A	2.4
8	☐	1.000		3149897.14		A	1.7
9	☐	1.000		3307982.07		A	1.3

103 Rh (ISTD) [No Gas]

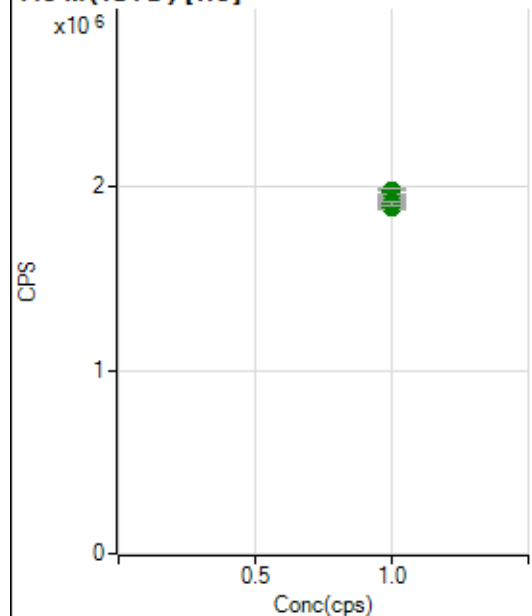
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12423225.37		A	2.3
2	☐	1.000		12564669.98		A	1.6
3	☐	1.000		12269645.76		A	0.7
4	☐	1.000		12005772.58		A	1.4
5	☐	1.000		12362840.81		A	2.1
6	☐	1.000		11893898.44		A	3.7
7	☐	1.000		11986226.57		A	3.6
8	☐	1.000		11918293.93		A	1.3
9	☐	1.000		11037626.55		A	2.2

103 Rh (ISTD) [He]

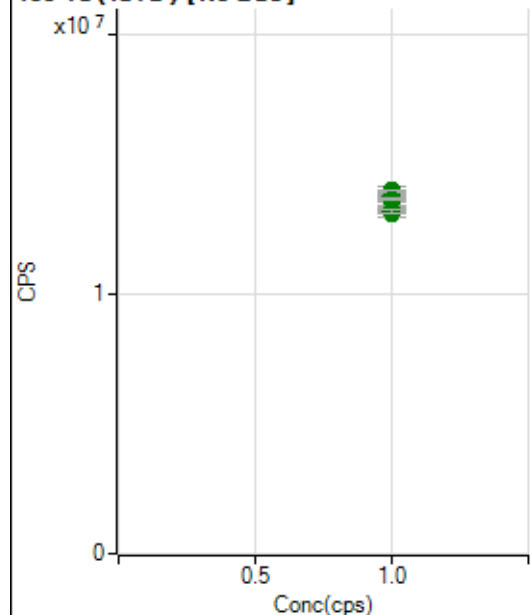
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5768446.03		A	2.2
2	☐	1.000		5882739.42		A	2.5
3	☐	1.000		5798947.69		A	1.7
4	☐	1.000		5843253.18		A	1.4
5	☐	1.000		5659421.13		A	2.2
6	☐	1.000		5873655.54		A	0.6
7	☐	1.000		5691317.14		A	0.9
8	☐	1.000		5588406.41		A	1.3
9	☐	1.000		5338221.31		A	0.9

115 In (ISTD) [No Gas]

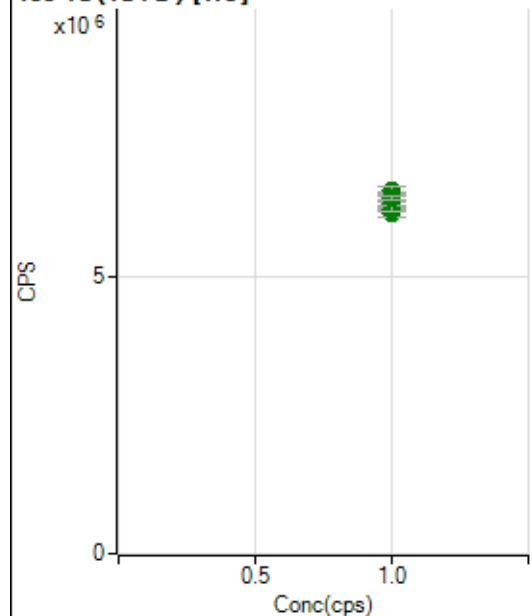
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12260441.93		A	2.0
2	☐	1.000		12483701.48		A	2.3
3	☐	1.000		12307692.66		A	2.2
4	☐	1.000		12071030.41		A	1.3
5	☐	1.000		12618000.81		A	2.1
6	☐	1.000		12104216.35		A	1.4
7	☐	1.000		12215819.28		A	5.8
8	☐	1.000		12367110.11		A	1.5
9	☐	1.000		11807795.87		A	1.2

115 In (ISTD) [He]

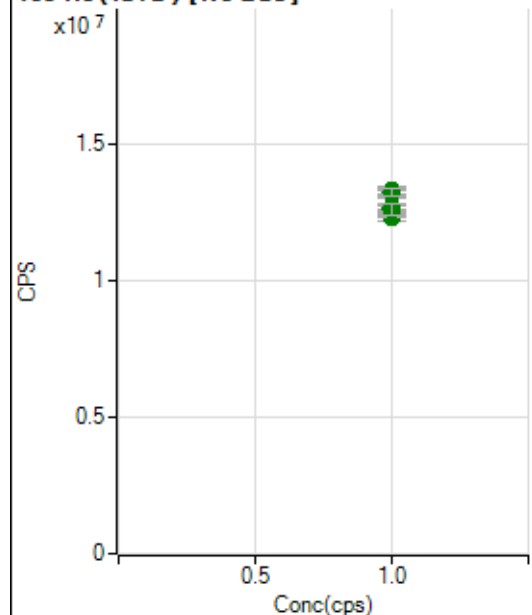
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1938426.86		A	0.8
2	☐	1.000		1966303.24		A	1.8
3	☐	1.000		1917739.73		A	0.4
4	☐	1.000		1975944.78		A	1.9
5	☐	1.000		1900456.91		A	0.5
6	☐	1.000		1936728.54		A	2.4
7	☐	1.000		1913290.57		A	2.8
8	☐	1.000		1889424.96		A	1.7
9	☐	1.000		1902716.60		A	1.1

159 Tb (ISTD) [No Gas]

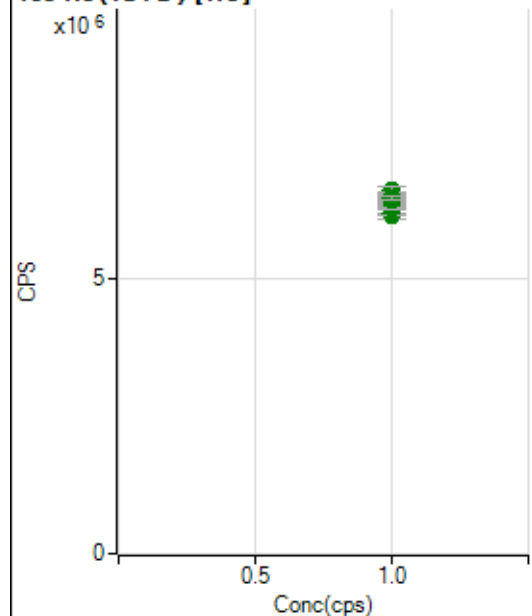
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13183246.05		A	0.5
2	☐	1.000		13251533.00		A	2.2
3	☐	1.000		13151296.75		A	2.6
4	☐	1.000		13197371.33		A	1.3
5	☐	1.000		13986665.62		A	2.0
6	☐	1.000		13674744.79		A	1.9
7	☐	1.000		13802868.96		A	3.0
8	☐	1.000		13978493.96		A	1.0
9	☐	1.000		13673711.32		A	0.7

159 Tb (ISTD) [He]

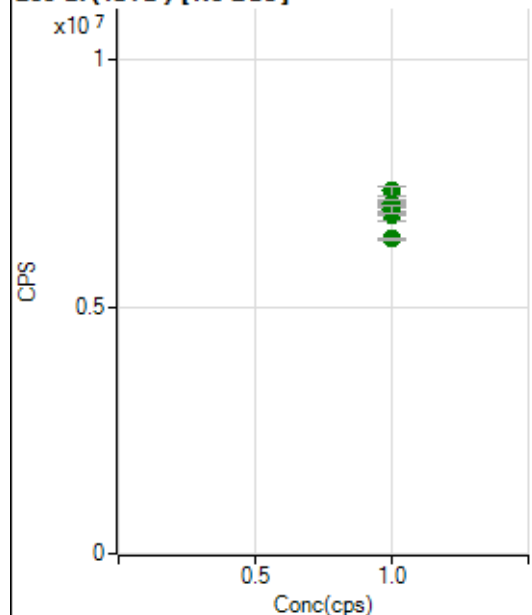
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6203878.73		A	1.1
2	☐	1.000		6149984.63		A	2.5
3	☐	1.000		6249001.37		A	1.3
4	☐	1.000		6301082.75		A	2.1
5	☐	1.000		6222650.46		A	1.7
6	☐	1.000		6427326.29		A	2.5
7	☐	1.000		6544220.60		A	3.0
8	☐	1.000		6422344.56		A	1.7
9	☐	1.000		6414552.40		A	1.3

165 Ho (ISTD) [No Gas]

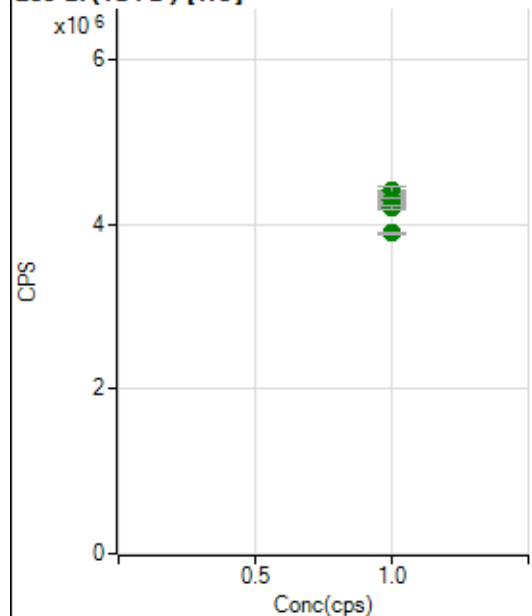
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12694852.28		A	1.1
2	☐	1.000		12506094.03		A	5.1
3	☐	1.000		12489718.42		A	0.9
4	☐	1.000		12331854.18		A	0.7
5	☐	1.000		13153191.53		A	1.9
6	☐	1.000		12590003.23		A	3.0
7	☐	1.000		13274078.25		A	2.5
8	☐	1.000		13219067.40		A	0.8
9	☐	1.000		13221117.31		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6134642.89		A	1.2
2	☐	1.000		6296004.70		A	1.0
3	☐	1.000		6192274.28		A	1.7
4	☐	1.000		6394815.60		A	1.2
5	☐	1.000		6279078.52		A	0.9
6	☐	1.000		6594333.37		A	2.1
7	☐	1.000		6433747.54		A	0.7
8	☐	1.000		6477734.56		A	2.5
9	☐	1.000		6469040.46		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6976461.84		A	1.9
2	☐	1.000		6980976.42		A	4.0
3	☐	1.000		6852027.68		A	2.7
4	☐	1.000		6896244.06		A	1.0
5	☐	1.000		7352421.90		A	2.7
6	☐	1.000		7013466.22		A	2.3
7	☐	1.000		7089195.10		A	2.6
8	☐	1.000		6974937.19		A	2.4
9	☐	1.000		6379289.28		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4257856.78		A	0.3
2	☐	1.000		4354271.74		A	2.2
3	☐	1.000		4228526.22		A	0.9
4	☐	1.000		4346886.60		A	1.5
5	☐	1.000		4290413.44		A	1.9
6	☐	1.000		4403845.94		A	2.1
7	☐	1.000		4287036.26		A	1.5
8	☐	1.000		4194156.22		A	1.2
9	☐	1.000		3890101.43		A	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P810202MS.b
Acq. Date-Time 2021-10-20 13:00:30
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		17399	173987.51			0.681	5.000
24		167041	1670405.56			1.121	5.000
25		22314	223142.43			0.229	5.000
26		25829	258291.60			0.542	5.000
59		44494	444937.42			0.786	5.000
113		17800	178004.63			0.819	5.000
115		58026	580260.67			1.994	5.000
206		19092	190920.06			1.243	5.000
207		15959	159585.31			1.439	5.000
208		39266	392657.92			1.216	5.000
220		1	7.60			29.932	

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

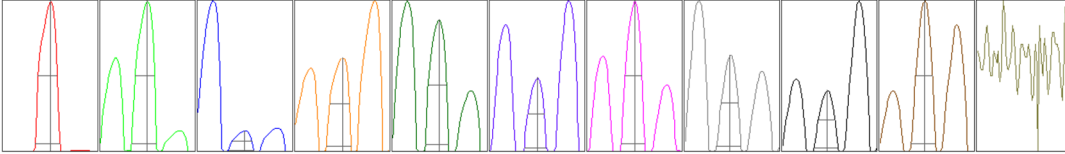
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	17585	17346	17342	17440	17281
24	167861	168976	168288	165188	164890
25	22368	22256	22295	22284	22368
26	25818	25957	25854	25919	25598
59	44750	44340	44202	44974	44203
113	17816	17633	17719	18024	17809
115	59678	58567	57081	57976	56827
206	19180	18957	18908	19471	18944
207	16014	15640	15941	16281	15917
208	39575	38863	38656	39748	39486

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	31511.71	9.05	8.90 - 9.10	
24	290329.61	24.00	23.90 - 24.10	
25	38656.30	25.00	24.90 - 25.10	
26	43454.30	26.05	25.90 - 26.10	
59	81891.46	59.00	58.90 - 59.10	
113	35756.71	113.05	112.90 - 113.10	
115	116474.90	115.05	114.90 - 115.10	
206	37097.77	205.95	205.90 - 206.10	
207	31361.94	206.95	206.90 - 207.10	
208	77311.59	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.779	0.900	
24	0.61	0.786	0.900	
25	0.61	0.786	0.900	
26	0.63	0.786	0.900	
59	0.58	0.736	0.900	
113	0.52	0.690	0.900	
115	0.52	0.752	0.900	
206	0.54	0.772	0.900	
207	0.53	0.774	0.900	
208	0.53	0.774	0.900	
220	0.43			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 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	8.8 V	Deflect	15.6 V
Extract 2	-185.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	3.9 mV	Analog HV	2261 V	Pulse HV	1550 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9929	99286.91			0.769	
89		29080	290797.72			0.396	
205		18582	185816.61			1.458	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9820	9914	9986	10015	9908
89	29009	28966	29039	29256	29129
205	18397	18546	18714	18970	18282

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.8 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-185.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	124	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	3.9 mV	Analog HV	2261 V	Pulse HV	1550 V

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:28:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	-0.13	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	0.06	-0.04	0.00	N/A	ppb
Boron	11-1	-0.04	0.02	0.02	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.47	0.32	-0.80	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.07	0.04	0.00	N/A	ppb
Calcium	43-1	-0.61	0.88	-0.27	0.00	N/A	ppb
Calcium	44-1	-0.19	-0.62	0.82	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	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.09	0.59	-0.68	0.00	N/A	ppb
Iron	56-2	-0.05	0.01	0.05	0.00	N/A	ppb
Iron	57-2	-0.70	-0.16	0.86	0.00	N/A	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:28:05	DataFile Name :	003CALB.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	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	-0.08	0.06	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	3.60	-3.43	-7.51	-2.45		ppb
Potassium	39-2	0.87	-0.53	-0.35	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.14	-0.19	0.34	0.00	N/A	ppb
Selenium	77-2	-0.15	0.30	-0.15	0.00	N/A	ppb
Selenium	78-2	0.61	-0.55	-0.06	0.00	N/A	ppb
Silicon	28-1	-0.26	-0.25	0.51	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.64	0.09	0.55	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-49.52	-19.99	177.75	36.08	342.50	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:28:05	DataFile Name :	003CALB.d

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

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:31:11	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.23	1.86	2.06	2.05	9.11	ppb
Antimony	121-1	0.18	0.17	0.19	0.18	6.05	ppb
Arsenic	75-2	0.09	0.08	0.09	0.09	3.84	ppb
Barium	135-1	0.96	1.01	0.90	0.96	5.73	ppb
Barium	137-1	0.92	0.99	0.94	0.95	3.96	ppb
Beryllium	9-1	0.11	0.10	0.10	0.10	3.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	1.64	1.82	1.73	1.73	5.30	ppb
Boron	11-1	1.71	1.87	2.04	1.87	8.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.11	0.06	0.08	29.60	ppb
Cadmium	106-1	-0.27	0.38	-0.84	-0.24		ppb
Cadmium	108-1	0.06	0.19	0.23	0.16	57.32	ppb
Calcium	43-1	48.99	48.13	47.60	48.24	1.45	ppb
Calcium	44-1	48.23	43.57	45.06	45.62	5.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.18	0.17	0.17	8.07	ppb
Cobalt	59-2	0.11	0.10	0.10	0.10	7.41	ppb
Copper	63-2	0.23	0.20	0.20	0.21	6.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	4.49	5.37	5.83	5.23	13.00	ppb
Iron	56-2	5.28	5.00	4.98	5.09	3.28	ppb
Iron	57-2	5.56	4.91	5.00	5.16	6.80	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:31:11	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.06	0.07	0.08	30.67	ppb
Lead	207-1	0.12	0.10	0.08	0.10	23.13	ppb
Lead	208-1	0.11	0.07	0.07	0.09	27.54	ppb
Lithium	6-1				105		%
Magnesium	24-2	48.25	49.50	47.89	48.54	1.73	ppb
Manganese	55-2	0.12	0.11	0.11	0.11	5.18	ppb
Molybdenum	94-1	0.46	0.43	0.43	0.44	3.85	ppb
Molybdenum	95-1	0.43	0.46	0.44	0.44	3.47	ppb
Molybdenum	96-1	0.41	0.48	0.48	0.46	8.57	ppb
Molybdenum	97-1	0.47	0.47	0.42	0.45	5.33	ppb
Molybdenum	98-1	0.45	0.45	0.45	0.45	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.09	0.10	0.11	19.90	ppb
Phosphorus	31-2	9.34	3.46	-8.90	1.30	717.46	ppb
Potassium	39-2	44.68	40.34	44.73	43.25	5.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.74	0.22	0.55	0.50	51.30	ppb
Selenium	77-2	0.28	2.01	1.18	1.16	75.02	ppb
Selenium	78-2	0.11	0.11	0.46	0.23	88.24	ppb
Silicon	28-1	2.46	0.11	1.25	1.27	92.43	ppb
Silver	107-1	0.09	0.09	0.08	0.09	8.79	ppb
Silver	109-1	0.07	0.08	0.08	0.08	6.49	ppb
Sodium	23-2	47.92	49.52	48.66	48.70	1.64	ppb
Strontium	86-1	0.12	0.15	0.11	0.12	15.60	ppb
Strontium	88-1	0.09	0.09	0.09	0.09	3.32	ppb
Sulfur	34-1	153.90	-301.42	-216.90	-121.47		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.09	0.05	0.08	31.98	ppb
Thallium	205-1	0.10	0.08	0.07	0.08	20.24	ppb
Tin	118-1	0.52	0.46	0.50	0.50	6.02	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:31:11	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.38	0.43	0.51	0.44	14.20	ppb
Uranium	238-1	0.09	0.09	0.08	0.08	6.98	ppb
Vanadium	51-2	0.46	0.47	0.43	0.46	4.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.14	0.17	0.22	0.18	20.76	ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	9.63	ppb
Zirconium	91-1	0.10	0.07	0.11	0.09	19.36	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:37:20	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.92	20.05	20.16	20.04	0.60	ppb
Antimony	121-1	1.98	1.97	1.96	1.97	0.50	ppb
Arsenic	75-2	1.01	1.04	1.03	1.03	1.38	ppb
Barium	135-1	10.02	9.43	10.08	9.84	3.66	ppb
Barium	137-1	10.24	9.70	10.18	10.04	2.93	ppb
Beryllium	9-1	1.04	0.94	1.00	1.00	5.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	21.70	22.16	24.56	22.81	6.73	ppb
Boron	11-1	22.63	23.60	27.05	24.43	9.50	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	0.95	0.97	0.97	2.38	ppb
Cadmium	106-1	1.94	-0.20	1.39	1.04	106.48	ppb
Cadmium	108-1	1.23	0.97	1.24	1.15	13.48	ppb
Calcium	43-1	478.83	482.33	494.37	485.18	1.68	ppb
Calcium	44-1	484.86	484.50	492.44	487.26	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.00	1.91	1.96	2.54	ppb
Cobalt	59-2	1.01	0.98	0.95	0.98	2.69	ppb
Copper	63-2	1.91	1.92	1.85	1.89	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				98		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	56.27	55.09	55.65	55.67	1.06	ppb
Iron	56-2	53.52	54.16	53.65	53.78	0.63	ppb
Iron	57-2	57.53	53.47	54.23	55.07	3.92	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:37:20	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.95	0.94	0.95	0.18	ppb
Lead	207-1	0.95	0.87	0.90	0.91	4.11	ppb
Lead	208-1	0.94	0.90	0.91	0.92	2.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	506.09	518.11	515.66	513.29	1.24	ppb
Manganese	55-2	0.96	1.04	1.00	1.00	4.16	ppb
Molybdenum	94-1	4.53	4.72	4.78	4.68	2.77	ppb
Molybdenum	95-1	4.92	4.78	4.76	4.82	1.77	ppb
Molybdenum	96-1	4.86	4.72	4.66	4.75	2.15	ppb
Molybdenum	97-1	4.75	4.96	4.75	4.82	2.55	ppb
Molybdenum	98-1	4.77	4.83	4.80	4.80	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.04	1.10	1.04	5.64	ppb
Phosphorus	31-2	-2.04	7.29	-1.80	1.15	463.10	ppb
Potassium	39-2	484.22	492.06	490.32	488.87	0.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	5.45	4.56	5.34	5.12	9.52	ppb
Selenium	77-2	5.83	4.63	6.79	5.75	18.79	ppb
Selenium	78-2	5.39	5.54	5.29	5.41	2.33	ppb
Silicon	28-1	10.75	12.34	12.50	11.86	8.15	ppb
Silver	107-1	1.03	0.97	1.01	1.00	2.99	ppb
Silver	109-1	0.95	1.04	0.98	0.99	4.79	ppb
Sodium	23-2	509.99	520.82	515.45	515.42	1.05	ppb
Strontium	86-1	1.10	1.08	1.11	1.10	1.48	ppb
Strontium	88-1	1.05	1.04	1.06	1.05	1.12	ppb
Sulfur	34-1	45.27	23.62	187.29	85.39	104.12	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.89	0.90	0.91	2.65	ppb
Thallium	205-1	0.93	0.90	0.93	0.92	1.68	ppb
Tin	118-1	5.03	4.74	4.90	4.89	2.96	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:37:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.87	4.93	5.15	4.99	2.99	ppb
Uranium	238-1	0.84	0.84	0.88	0.85	3.04	ppb
Vanadium	51-2	4.74	4.84	4.82	4.80	1.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	2.54	2.73	2.38	2.55	6.82	ppb
Zirconium	90-1	0.92	0.92	0.91	0.91	0.84	ppb
Zirconium	91-1	0.89	0.89	0.89	0.89	0.23	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:40:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	987.35	988.00	975.00	983.45	0.75	ppb
Antimony	121-1	49.95	51.02	50.01	50.33	1.20	ppb
Arsenic	75-2	50.47	52.02	50.63	51.04	1.67	ppb
Barium	135-1	247.31	245.94	244.68	245.98	0.53	ppb
Barium	137-1	252.62	250.72	246.92	250.08	1.16	ppb
Beryllium	9-1	52.07	48.82	50.00	50.30	3.27	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	46.17	46.02	51.73	47.97	6.78	ppb
Boron	11-1	49.31	50.62	53.89	51.27	4.60	ppb
Bromine	81-1						cps
Cadmium	111-1	51.16	51.30	51.10	51.19	0.21	ppb
Cadmium	106-1	52.44	54.45	51.87	52.92	2.56	ppb
Cadmium	108-1	54.05	53.25	53.13	53.48	0.94	ppb
Calcium	43-1	5140.29	5104.14	4998.34	5080.92	1.45	ppb
Calcium	44-1	5076.29	5149.34	5108.49	5111.37	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.97	47.87	48.96	48.60	1.30	ppb
Cobalt	59-2	50.52	49.70	49.38	49.87	1.18	ppb
Copper	63-2	532.24	521.44	522.05	525.24	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	2676.17	2733.82	2641.23	2683.74	1.74	ppb
Iron	56-2	2741.00	2694.73	2655.76	2697.16	1.58	ppb
Iron	57-2	2602.10	2587.02	2606.05	2598.39	0.39	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:40:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	231.60	247.31	246.37	241.76	3.65	ppb
Lead	207-1	235.67	244.57	233.25	237.83	2.51	ppb
Lead	208-1	241.61	246.48	243.01	243.70	1.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	5502.19	5487.48	5440.67	5476.78	0.59	ppb
Manganese	55-2	502.79	503.73	494.29	500.27	1.04	ppb
Molybdenum	94-1	252.30	248.60	245.80	248.90	1.31	ppb
Molybdenum	95-1	247.80	243.88	244.34	245.34	0.87	ppb
Molybdenum	96-1	246.08	243.84	249.23	246.38	1.10	ppb
Molybdenum	97-1	235.27	243.61	241.44	240.11	1.80	ppb
Molybdenum	98-1	239.86	243.17	242.56	241.86	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.63	50.76	50.10	50.50	0.69	ppb
Phosphorus	31-2	989.42	1031.78	1048.65	1023.28	2.98	ppb
Potassium	39-2	2620.54	2593.55	2558.35	2590.82	1.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	50.88	52.18	51.95	51.67	1.34	ppb
Selenium	77-2	63.32	45.74	51.10	53.39	16.88	ppb
Selenium	78-2	51.16	54.08	53.06	52.77	2.81	ppb
Silicon	28-1	59.24	65.17	59.96	61.46	5.26	ppb
Silver	107-1	52.83	53.16	52.65	52.88	0.48	ppb
Silver	109-1	52.34	52.76	51.86	52.32	0.87	ppb
Sodium	23-2	5356.22	5360.42	5307.90	5341.51	0.55	ppb
Strontium	86-1	511.63	504.57	503.18	506.46	0.89	ppb
Strontium	88-1	499.47	495.90	488.76	494.71	1.10	ppb
Sulfur	34-1	1752.01	1667.89	1392.51	1604.14	11.72	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	46.13	45.32	45.11	45.52	1.18	ppb
Thallium	205-1	45.75	45.99	46.41	46.05	0.72	ppb
Tin	118-1	50.32	50.71	49.07	50.03	1.72	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:40:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	251.80	258.50	244.94	251.75	2.69	ppb
Uranium	238-1	44.66	44.37	44.95	44.66	0.65	ppb
Vanadium	51-2	49.43	49.10	48.88	49.13	0.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	520.66	514.34	511.96	515.65	0.87	ppb
Zirconium	90-1	49.02	50.09	48.81	49.30	1.40	ppb
Zirconium	91-1	48.96	48.32	47.10	48.13	1.97	ppb

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 13:52:41 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2533.92	2492.52	2432.68	2486.37	2.05	ppb
Antimony	121-1	128.44	127.21	123.78	126.48	1.91	ppb
Arsenic	75-2	129.82	127.60	126.43	127.95	1.35	ppb
Barium	135-1	632.33	629.67	607.60	623.20	2.18	ppb
Barium	137-1	630.38	635.08	614.30	626.58	1.74	ppb
Beryllium	9-1	127.51	125.63	126.24	126.46	0.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	162.17	163.85	165.20	163.74	0.93	ppb
Boron	11-1	174.90	177.07	175.91	175.96	0.62	ppb
Bromine	81-1						cps
Cadmium	111-1	126.95	128.65	121.77	125.79	2.85	ppb
Cadmium	106-1	132.98	131.37	125.59	129.98	2.99	ppb
Cadmium	108-1	130.41	127.57	125.87	127.95	1.79	ppb
Calcium	43-1	12517.08	12615.54	12025.79	12386.14	2.55	ppb
Calcium	44-1	12689.46	12663.51	12257.18	12536.72	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.93	123.22	122.33	123.83	1.52	ppb
Cobalt	59-2	131.84	128.58	124.69	128.37	2.79	ppb
Copper	63-2	1358.42	1344.10	1271.64	1324.72	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	6964.79	6889.97	6729.18	6861.31	1.75	ppb
Iron	56-2	7253.65	6995.19	6758.86	7002.57	3.53	ppb
Iron	57-2	6968.30	6749.07	6549.12	6755.50	3.10	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:52:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	618.31	619.13	579.80	605.74	3.71	ppb
Lead	207-1	614.04	622.75	586.01	607.60	3.16	ppb
Lead	208-1	615.37	620.22	589.94	608.51	2.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	13819.21	13621.65	13288.59	13576.48	1.98	ppb
Manganese	55-2	1338.33	1294.55	1299.29	1310.72	1.83	ppb
Molybdenum	94-1	603.10	612.82	606.83	607.58	0.81	ppb
Molybdenum	95-1	601.56	607.66	611.53	606.92	0.83	ppb
Molybdenum	96-1	607.28	610.83	588.32	602.15	2.01	ppb
Molybdenum	97-1	623.29	609.42	596.50	609.74	2.20	ppb
Molybdenum	98-1	612.72	605.09	591.76	603.19	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.07	128.81	124.04	127.31	2.22	ppb
Phosphorus	31-2	2677.04	2582.41	2484.56	2581.34	3.73	ppb
Potassium	39-2	6888.72	6508.93	6603.63	6667.09	2.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	128.42	126.99	123.70	126.37	1.92	ppb
Selenium	77-2	126.44	133.75	120.32	126.84	5.30	ppb
Selenium	78-2	130.98	130.78	127.11	129.62	1.68	ppb
Silicon	28-1	130.61	141.60	137.43	136.55	4.06	ppb
Silver	107-1	130.81	132.02	127.02	129.95	2.01	ppb
Silver	109-1	131.22	128.39	126.44	128.68	1.87	ppb
Sodium	23-2	13443.44	13130.48	13247.23	13273.72	1.19	ppb
Strontium	86-1	1261.96	1220.49	1190.21	1224.22	2.94	ppb
Strontium	88-1	1250.80	1211.59	1180.79	1214.39	2.89	ppb
Sulfur	34-1	2238.45	2403.38	1882.39	2174.74	12.24	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	118.72	116.56	111.08	115.45	3.41	ppb
Thallium	205-1	127.20	123.11	115.77	122.03	4.74	ppb
Tin	118-1	123.08	124.18	121.03	122.76	1.30	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:52:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	625.40	623.82	606.99	618.73	1.65	ppb
Uranium	238-1	122.61	117.59	116.86	119.02	2.63	ppb
Vanadium	51-2	126.23	124.26	120.59	123.69	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	1363.42	1318.28	1270.31	1317.34	3.53	ppb
Zirconium	90-1	124.78	122.84	120.28	122.63	1.84	ppb
Zirconium	91-1	121.56	122.37	119.38	121.10	1.28	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:55:46	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4897.17	4834.50	4859.97	4863.88	0.65	ppb
Antimony	121-1	250.87	254.08	272.25	259.07	4.45	ppb
Arsenic	75-2	250.20	246.96	248.77	248.65	0.65	ppb
Barium	135-1	1218.46	1255.65	1357.49	1277.20	5.64	ppb
Barium	137-1	1241.76	1263.36	1361.69	1288.94	4.96	ppb
Beryllium	9-1	254.63	248.30	260.80	254.58	2.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	255.13	262.75	274.12	264.00	3.62	ppb
Boron	11-1	279.75	283.77	302.45	288.66	4.20	ppb
Bromine	81-1						cps
Cadmium	111-1	246.51	255.16	263.91	255.19	3.41	ppb
Cadmium	106-1	251.39	255.00	267.07	257.82	3.19	ppb
Cadmium	108-1	254.04	258.38	276.85	263.09	4.61	ppb
Calcium	43-1	26869.88	26822.49	28023.02	27238.46	2.50	ppb
Calcium	44-1	26462.29	25358.41	26920.46	26247.05	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.38	241.36	241.24	242.66	0.97	ppb
Cobalt	59-2	257.36	257.73	258.78	257.96	0.29	ppb
Copper	63-2	2619.72	2634.17	2532.94	2595.61	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	13934.45	13865.05	13835.40	13878.30	0.37	ppb
Iron	56-2	13320.12	13600.92	13516.64	13479.23	1.07	ppb
Iron	57-2	12994.77	13081.49	13012.55	13029.60	0.35	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:55:46	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1210.63	1196.29	1312.64	1239.86	5.12	ppb
Lead	207-1	1202.99	1217.17	1294.36	1238.17	3.97	ppb
Lead	208-1	1214.97	1222.56	1315.44	1250.99	4.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	26698.08	26260.70	26742.04	26566.94	1.00	ppb
Manganese	55-2	2522.93	2541.97	2499.75	2521.55	0.84	ppb
Molybdenum	94-1	1197.00	1257.90	1322.67	1259.19	4.99	ppb
Molybdenum	95-1	1235.52	1276.42	1331.43	1281.12	3.76	ppb
Molybdenum	96-1	1217.01	1285.84	1316.56	1273.14	4.00	ppb
Molybdenum	97-1	1209.75	1249.80	1283.43	1247.66	2.96	ppb
Molybdenum	98-1	1224.92	1262.50	1300.36	1262.59	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.98	248.12	246.92	249.34	1.29	ppb
Phosphorus	31-2	5018.66	5170.99	4866.32	5018.66	3.04	ppb
Potassium	39-2	13265.16	12726.63	12924.74	12972.18	2.10	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	253.27	261.29	271.80	262.12	3.55	ppb
Selenium	77-2	250.76	270.90	237.86	253.17	6.58	ppb
Selenium	78-2	253.15	250.88	256.69	253.57	1.15	ppb
Silicon	28-1	272.75	271.91	295.05	279.90	4.69	ppb
Silver	107-1	250.35	257.71	272.11	260.05	4.26	ppb
Silver	109-1	254.03	254.96	267.86	258.95	2.99	ppb
Sodium	23-2	26378.48	25966.71	26331.01	26225.40	0.86	ppb
Strontium	86-1	2471.76	2512.71	2645.30	2543.26	3.57	ppb
Strontium	88-1	2447.35	2456.31	2629.32	2510.99	4.08	ppb
Sulfur	34-1	5122.40	4539.69	5022.35	4894.81	6.37	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	245.14	245.88	256.64	249.22	2.58	ppb
Thallium	205-1	241.41	247.67	264.02	251.03	4.65	ppb
Tin	118-1	246.17	253.98	270.12	256.76	4.76	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:55:46	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1272.06	1229.87	1334.72	1278.88	4.13	ppb
Uranium	238-1	239.93	242.13	251.97	244.68	2.62	ppb
Vanadium	51-2	245.08	243.21	240.68	242.99	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	2614.57	2678.34	2587.98	2626.96	1.77	ppb
Zirconium	90-1	241.20	249.48	266.45	252.38	5.10	ppb
Zirconium	91-1	244.33	254.57	271.03	256.64	5.25	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:58:49	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9732.62	9465.40	9464.81	9554.27	1.62	ppb
Antimony	121-1	493.83	514.18	480.64	496.22	3.41	ppb
Arsenic	75-2	506.67	479.89	483.93	490.16	2.95	ppb
Barium	135-1	2460.44	2438.04	2370.86	2423.12	1.92	ppb
Barium	137-1	2531.21	2497.09	2377.59	2468.63	3.27	ppb
Beryllium	9-1	507.27	498.33	505.06	503.55	0.92	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	465.96	483.52	512.00	487.16	4.77	ppb
Boron	11-1	502.34	483.90	519.56	501.93	3.55	ppb
Bromine	81-1						cps
Cadmium	111-1	488.63	519.47	483.94	497.34	3.88	ppb
Cadmium	106-1	508.43	514.67	480.75	501.28	3.60	ppb
Cadmium	108-1	510.88	507.79	483.91	500.86	2.95	ppb
Calcium	43-1	52887.05	52364.61	51696.60	52316.09	1.14	ppb
Calcium	44-1	52171.98	49362.14	49663.26	50399.13	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.22	499.00	497.11	501.11	1.07	ppb
Cobalt	59-2	510.69	485.60	491.83	496.04	2.63	ppb
Copper	63-2	5119.22	5001.40	5043.66	5054.76	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	27806.94	26817.32	27228.34	27284.20	1.82	ppb
Iron	56-2	27554.36	25905.87	26320.84	26593.69	3.22	ppb
Iron	57-2	28048.27	26328.24	26082.99	26819.83	3.99	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:58:49	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2529.41	2408.07	2410.75	2449.41	2.83	ppb
Lead	207-1	2576.99	2416.88	2383.86	2459.25	4.20	ppb
Lead	208-1	2524.33	2402.40	2405.75	2444.16	2.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	52223.02	52068.70	51330.24	51873.99	0.92	ppb
Manganese	55-2	5086.44	4978.23	4915.00	4993.22	1.74	ppb
Molybdenum	94-1	2380.02	2420.47	2453.53	2418.01	1.52	ppb
Molybdenum	95-1	2372.93	2473.27	2445.04	2430.42	2.13	ppb
Molybdenum	96-1	2393.58	2431.46	2421.42	2415.49	0.81	ppb
Molybdenum	97-1	2351.89	2407.14	2415.41	2391.48	1.44	ppb
Molybdenum	98-1	2379.50	2419.55	2412.24	2403.77	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.76	479.74	473.64	482.71	2.25	ppb
Phosphorus	31-2	9933.42	9638.66	9897.32	9823.13	1.64	ppb
Potassium	39-2	25181.65	24738.32	24689.24	24869.73	1.09	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	494.35	493.94	490.00	492.76	0.49	ppb
Selenium	77-2	514.78	473.34	495.41	494.51	4.19	ppb
Selenium	78-2	504.46	479.77	483.92	489.38	2.70	ppb
Silicon	28-1	530.05	557.57	549.56	545.73	2.59	ppb
Silver	107-1	510.27	500.94	477.28	496.16	3.43	ppb
Silver	109-1	513.55	514.63	482.39	503.52	3.64	ppb
Sodium	23-2	52393.43	50378.98	51748.90	51507.10	2.00	ppb
Strontium	86-1	4851.75	4924.62	4836.66	4871.01	0.97	ppb
Strontium	88-1	4859.82	4909.00	4799.69	4856.17	1.13	ppb
Sulfur	34-1	9813.88	9371.88	9483.17	9556.31	2.41	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	492.48	482.72	473.26	482.82	1.99	ppb
Thallium	205-1	491.56	468.87	477.67	479.37	2.39	ppb
Tin	118-1	502.04	506.07	489.52	499.21	1.73	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:58:49	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2488.63	2437.86	2441.84	2456.11	1.15	ppb
Uranium	238-1	483.85	478.05	463.14	475.01	2.25	ppb
Vanadium	51-2	509.80	490.79	493.78	498.12	2.05	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	5140.73	4934.04	5020.43	5031.73	2.06	ppb
Zirconium	90-1	480.98	484.33	474.29	479.87	1.07	ppb
Zirconium	91-1	484.95	483.67	489.68	486.10	0.65	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:01:55	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20148.45	19983.09	20295.84	20142.46	0.78	ppb
Antimony	121-1	992.95	1003.34	1001.98	999.42	0.57	ppb
Arsenic	75-2	1020.70	981.79	1012.01	1004.84	2.03	ppb
Barium	135-1	4965.81	5006.80	5123.59	5032.07	1.63	ppb
Barium	137-1	4978.06	5019.03	5020.15	5005.75	0.48	ppb
Beryllium	9-1	984.17	984.93	1021.55	996.88	2.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	967.20	994.34	1033.17	998.24	3.32	ppb
Boron	11-1	952.89	979.70	1016.26	982.95	3.24	ppb
Bromine	81-1						cps
Cadmium	111-1	1011.10	985.40	1003.11	999.87	1.32	ppb
Cadmium	106-1	997.35	978.94	1013.61	996.64	1.74	ppb
Cadmium	108-1	982.98	986.60	1017.69	995.75	1.92	ppb
Calcium	43-1	105099.06	108028.98	111440.43	108189.49	2.93	ppb
Calcium	44-1	103178.68	104374.61	105717.18	104423.49	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1020.46	992.55	991.48	1001.50	1.64	ppb
Cobalt	59-2	1030.22	978.90	989.61	999.58	2.71	ppb
Copper	63-2	9901.93	9948.92	9963.50	9938.12	0.32	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				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	55577.68	55038.78	54365.12	54993.86	1.10	ppb
Iron	56-2	53641.49	54701.75	52086.33	53476.52	2.46	ppb
Iron	57-2	54701.49	52682.18	54046.76	53810.14	1.91	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:01:55	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4921.15	5061.90	5108.90	5030.65	1.94	ppb
Lead	207-1	4904.58	5026.55	5147.22	5026.12	2.41	ppb
Lead	208-1	4937.06	5041.20	5111.89	5030.05	1.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	108135.47	105018.73	104335.62	105829.94	1.91	ppb
Manganese	55-2	10028.53	10062.61	9880.05	9990.40	0.97	ppb
Molybdenum	94-1	5037.86	5049.45	5035.49	5040.93	0.15	ppb
Molybdenum	95-1	5016.53	5047.67	5024.31	5029.50	0.32	ppb
Molybdenum	96-1	5007.37	5009.04	5102.13	5039.51	1.08	ppb
Molybdenum	97-1	4965.56	5006.97	5199.22	5057.25	2.47	ppb
Molybdenum	98-1	4912.22	5055.24	5176.85	5048.10	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1014.55	1008.85	1002.08	1008.50	0.62	ppb
Phosphorus	31-2	20580.77	19637.03	19999.52	20072.44	2.37	ppb
Potassium	39-2	51785.60	51351.05	50404.12	51180.26	1.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	981.82	996.62	1022.57	1000.33	2.06	ppb
Selenium	77-2	995.07	982.30	1027.27	1001.55	2.31	ppb
Selenium	78-2	1021.01	978.10	1011.98	1003.70	2.25	ppb
Silicon	28-1	944.00	974.97	983.90	967.63	2.16	ppb
Silver	107-1	993.40	975.72	1026.81	998.64	2.60	ppb
Silver	109-1	996.51	991.07	998.70	995.43	0.39	ppb
Sodium	23-2	107361.39	104580.42	105463.37	105801.73	1.34	ppb
Strontium	86-1	9854.59	9970.31	10344.84	10056.58	2.55	ppb
Strontium	88-1	9844.17	10000.27	10377.20	10073.88	2.72	ppb
Sulfur	34-1	19344.99	20745.31	20685.48	20258.59	3.91	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	985.15	1005.15	1040.30	1010.20	2.76	ppb
Thallium	205-1	982.27	1018.71	1030.91	1010.63	2.50	ppb
Tin	118-1	999.40	991.98	1005.57	998.99	0.68	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:01:55	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4955.72	5013.91	5076.62	5015.42	1.21	ppb
Uranium	238-1	1006.45	1026.99	1011.08	1014.84	1.06	ppb
Vanadium	51-2	1011.04	993.39	1004.27	1002.90	0.89	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	9960.50	9832.73	10036.35	9943.19	1.03	ppb
Zirconium	90-1	1003.21	1014.83	1011.37	1009.80	0.59	ppb
Zirconium	91-1	999.86	1005.16	1012.59	1005.87	0.64	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:04:59	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100484.53	101937.84	97647.81	100023.39	2.18	ppb
Antimony	121-1	0.68	0.68	0.79	0.72	8.61	ppb
Arsenic	75-2	0.35	0.34	0.37	0.35	4.58	ppb
Barium	135-1	2.09	1.98	1.99	2.02	2.96	ppb
Barium	137-1	2.16	1.99	1.94	2.03	5.72	ppb
Beryllium	9-1	0.22	0.23	0.20	0.22	8.18	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	111.96	104.31	90.54	102.27	10.62	ppb
Boron	11-1	121.33	109.44	98.66	109.81	10.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.37	0.32	0.36	10.07	ppb
Cadmium	106-1	1.16	2.12	-0.32	0.99	124.48	ppb
Cadmium	108-1	0.78	1.01	0.40	0.73	42.00	ppb
Calcium	43-1	508317.61	496112.03	489632.23	498020.62	1.91	ppb
Calcium	44-1	502972.66	498506.46	495553.94	499011.02	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.08	3.12	3.07	3.09	0.84	ppb
Cobalt	59-2	2.31	2.25	2.20	2.25	2.50	ppb
Copper	63-2	2.92	2.77	2.53	2.74	7.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	250467.96	251469.28	244123.07	248686.77	1.60	ppb
Iron	56-2	246126.80	248093.74	253006.20	249075.58	1.42	ppb
Iron	57-2	251569.50	249860.26	245617.90	249015.89	1.23	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:04:59	DataFile Name :	015CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.41	2.32	2.11	2.28	6.77	ppb
Lead	207-1	2.47	2.34	2.24	2.35	4.77	ppb
Lead	208-1	2.43	2.30	2.19	2.31	5.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	511867.98	490052.01	493689.72	498536.57	2.34	ppb
Manganese	55-2	15.72	15.73	15.47	15.64	0.93	ppb
Molybdenum	94-1	2.24	2.16	2.26	2.22	2.49	ppb
Molybdenum	95-1	1.98	2.01	1.81	1.93	5.43	ppb
Molybdenum	96-1	4.11	4.03	3.82	3.99	3.73	ppb
Molybdenum	97-1	1.95	1.98	1.90	1.94	1.93	ppb
Molybdenum	98-1	1.93	1.78	1.70	1.80	6.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.22	3.16	3.15	3.18	1.24	ppb
Phosphorus	31-2	18.22	12.26	0.67	10.39	85.91	ppb
Potassium	39-2	248898.78	252152.24	248175.15	249742.05	0.85	ppb
Rhodium	103-1				89		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	1.72	0.51	1.62	1.29	52.17	ppb
Selenium	77-2	-0.15	0.27	0.26	0.13	187.03	ppb
Selenium	78-2	-0.40	-0.11	0.31	-0.07		ppb
Silicon	28-1	61.72	62.61	60.72	61.69	1.54	ppb
Silver	107-1	0.37	0.36	0.34	0.36	4.55	ppb
Silver	109-1	0.35	0.34	0.33	0.34	3.73	ppb
Sodium	23-2	500142.47	498140.51	497531.72	498604.90	0.27	ppb
Strontium	86-1	7.31	7.13	7.30	7.25	1.45	ppb
Strontium	88-1	7.08	6.99	7.04	7.04	0.65	ppb
Sulfur	34-1	-1030.19	-1234.06	-1187.66	-1150.63		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.36	0.27	0.26	0.29	18.70	ppb
Thallium	205-1	0.38	0.30	0.26	0.31	19.11	ppb
Tin	118-1	0.36	0.34	0.35	0.35	3.40	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:04:59	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.38	2.31	1.34	1.68	33.03	ppb
Uranium	238-1	0.23	0.19	0.19	0.20	11.61	ppb
Vanadium	51-2	0.29	0.26	0.23	0.26	12.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	17.44	17.81	17.40	17.55	1.29	ppb
Zirconium	90-1	0.51	0.51	0.53	0.52	2.64	ppb
Zirconium	91-1	0.50	0.50	0.50	0.50	0.79	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:16:30	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.54	481.37	484.70	483.20	0.35	ppb
Antimony	121-1	206.76	201.06	202.70	203.51	1.44	ppb
Arsenic	75-2	198.67	200.57	194.05	197.76	1.69	ppb
Barium	135-1	97.53	96.71	99.38	97.87	1.40	ppb
Barium	137-1	97.28	97.47	100.98	98.58	2.11	ppb
Beryllium	9-1	96.83	94.19	96.01	95.68	1.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	16.61	15.98	15.52	16.04	3.42	ppb
Boron	11-1	17.71	16.62	16.59	16.97	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	100.46	98.34	101.22	100.01	1.49	ppb
Cadmium	106-1	82.90	84.82	87.74	85.15	2.87	ppb
Cadmium	108-1	91.96	91.10	90.14	91.07	1.00	ppb
Calcium	43-1	2423.51	2466.16	2460.35	2450.01	0.94	ppb
Calcium	44-1	2147.53	2073.86	2180.50	2133.97	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.02	93.31	92.96	93.10	0.20	ppb
Cobalt	59-2	95.61	96.70	95.49	95.93	0.69	ppb
Copper	63-2	101.36	99.87	100.53	100.59	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	2084.58	2075.38	2068.68	2076.22	0.38	ppb
Iron	56-2	2067.42	2072.43	2078.00	2072.61	0.26	ppb
Iron	57-2	1963.85	1978.80	1942.28	1961.64	0.94	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:16:30	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	209.55	210.23	208.59	209.46	0.39	ppb
Lead	207-1	189.85	187.37	187.92	188.38	0.69	ppb
Lead	208-1	205.88	202.93	203.74	204.18	0.75	ppb
Lithium	6-1				108		%
Magnesium	24-2	1190.91	1199.01	1204.90	1198.27	0.59	ppb
Manganese	55-2	92.83	92.53	93.55	92.97	0.57	ppb
Molybdenum	94-1	0.21	0.60	1.14	0.65	72.04	ppb
Molybdenum	95-1	0.22	0.57	0.93	0.57	61.42	ppb
Molybdenum	96-1	0.21	0.50	0.99	0.57	69.18	ppb
Molybdenum	97-1	0.18	0.58	0.96	0.57	68.57	ppb
Molybdenum	98-1	0.23	0.44	0.95	0.54	68.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.06	106.17	106.70	106.31	0.32	ppb
Phosphorus	31-2	-0.44	-1.87	0.99	-0.44		ppb
Potassium	39-2	1903.02	1892.79	1934.22	1910.01	1.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	209.59	206.99	204.94	207.18	1.13	ppb
Selenium	77-2	197.95	189.60	215.69	201.08	6.62	ppb
Selenium	78-2	205.26	203.91	206.08	205.08	0.53	ppb
Silicon	28-1	8.47	10.09	9.45	9.34	8.69	ppb
Silver	107-1	50.90	50.39	51.69	51.00	1.28	ppb
Silver	109-1	50.25	49.55	50.73	50.18	1.18	ppb
Sodium	23-2	2044.80	2082.53	2096.13	2074.48	1.28	ppb
Strontium	86-1	4840.78	4734.33	4817.79	4797.63	1.17	ppb
Strontium	88-1	4808.30	4724.83	4715.79	4749.64	1.07	ppb
Sulfur	34-1	-763.51	-916.93	-1098.03	-926.15		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	207.85	206.30	215.82	209.99	2.43	ppb
Thallium	205-1	210.44	205.88	208.98	208.43	1.12	ppb
Tin	118-1	0.21	0.13	0.22	0.19	25.62	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:16:30	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.58	1.07	0.67	54.60	ppb
Uranium	238-1	484.82	474.58	478.09	479.16	1.09	ppb
Vanadium	51-2	91.48	90.62	92.15	91.42	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	195.29	190.67	193.18	193.05	1.20	ppb
Zirconium	90-1	0.05	0.12	0.32	0.16	84.16	ppb
Zirconium	91-1	0.10	0.15	0.28	0.18	52.73	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:27:34	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.96	18.37	17.23	17.52	4.28	ppb
Antimony	121-1	1.78	1.71	1.80	1.76	2.58	ppb
Arsenic	75-2	0.76	0.79	0.85	0.80	5.91	ppb
Barium	135-1	8.27	8.15	8.52	8.32	2.27	ppb
Barium	137-1	8.29	8.52	8.71	8.51	2.46	ppb
Beryllium	9-1	0.90	0.84	0.85	0.86	3.59	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	26.11	27.23	28.01	27.12	3.53	ppb
Boron	11-1	28.45	29.33	30.73	29.50	3.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.88	0.75	0.97	0.87	12.76	ppb
Cadmium	106-1	0.92	2.29	2.08	1.76	41.76	ppb
Cadmium	108-1	1.00	1.57	0.91	1.16	30.79	ppb
Calcium	43-1	411.80	418.21	418.67	416.23	0.92	ppb
Calcium	44-1	415.29	414.72	420.82	416.94	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.66	1.62	1.62	1.63	1.29	ppb
Cobalt	59-2	0.84	0.82	0.82	0.83	0.84	ppb
Copper	63-2	1.65	1.59	1.60	1.61	1.75	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				101		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	47.70	45.66	44.63	46.00	3.40	ppb
Iron	56-2	46.11	45.91	44.71	45.57	1.66	ppb
Iron	57-2	45.71	46.93	44.03	45.56	3.19	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:27:34	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.83	0.84	0.87	7.08	ppb
Lead	207-1	0.93	0.82	0.89	0.88	6.07	ppb
Lead	208-1	0.92	0.84	0.87	0.88	4.70	ppb
Lithium	6-1				107		%
Magnesium	24-2	432.59	429.38	429.71	430.56	0.41	ppb
Manganese	55-2	0.88	0.92	0.90	0.90	2.33	ppb
Molybdenum	94-1	4.18	3.96	4.04	4.06	2.73	ppb
Molybdenum	95-1	3.98	4.15	4.05	4.06	2.13	ppb
Molybdenum	96-1	4.07	3.98	3.91	3.99	1.98	ppb
Molybdenum	97-1	4.28	3.99	4.01	4.09	4.05	ppb
Molybdenum	98-1	4.09	4.00	4.05	4.05	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.82	0.87	0.83	4.75	ppb
Phosphorus	31-2	-0.07	-5.73	-2.70	-2.83		ppb
Potassium	39-2	418.81	407.97	413.35	413.38	1.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	3.70	4.16	4.32	4.06	7.90	ppb
Selenium	77-2	3.91	3.96	5.24	4.37	17.17	ppb
Selenium	78-2	4.37	3.80	5.22	4.46	15.94	ppb
Silicon	28-1	7.48	8.61	9.89	8.66	13.97	ppb
Silver	107-1	0.83	0.89	0.88	0.87	3.87	ppb
Silver	109-1	0.82	0.81	0.87	0.83	4.15	ppb
Sodium	23-2	440.69	438.24	436.11	438.34	0.52	ppb
Strontium	86-1	1.22	0.98	0.94	1.05	14.57	ppb
Strontium	88-1	1.18	0.98	0.89	1.02	14.38	ppb
Sulfur	34-1	-601.44	-560.29	-239.73	-467.16		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.80	0.80	0.86	0.82	4.47	ppb
Thallium	205-1	0.81	0.82	0.81	0.81	0.58	ppb
Tin	118-1	4.11	4.13	4.03	4.09	1.36	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:27:34	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.12	3.90	4.22	4.08	4.06	ppb
Uranium	238-1	0.73	0.70	0.77	0.73	5.09	ppb
Vanadium	51-2	4.04	3.99	3.99	4.01	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	2.40	1.98	2.40	2.26	10.74	ppb
Zirconium	90-1	0.79	0.78	0.79	0.79	0.91	ppb
Zirconium	91-1	0.75	0.77	0.80	0.77	3.77	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICB53	Instrumnet Name :	P8
Client Sample ID :	ICB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:30:38	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.37	0.27	0.22	80.10	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	23.06	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00		ppb
Barium	135-1	0.00	-0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.01	0.00	220.56	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	66.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	9.23	8.67	8.52	8.81	4.24	ppb
Boron	11-1	9.75	9.68	9.40	9.61	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	-0.03	0.00	3075.90	ppb
Cadmium	106-1	0.32	0.08	-1.27	-0.29		ppb
Cadmium	108-1	0.04	-0.19	0.02	-0.04		ppb
Calcium	43-1	-0.03	0.54	-0.78	-0.09		ppb
Calcium	44-1	2.80	3.46	4.44	3.57	23.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.01	0.01	87.02	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.03	0.03	0.03	15.32	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				100		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	0.07	0.65	-0.06	0.22	174.19	ppb
Iron	56-2	0.41	0.48	0.36	0.42	15.07	ppb
Iron	57-2	0.67	0.09	0.67	0.48	69.73	ppb

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : ICB53 Instrumnet Name : P8
 Client Sample ID : ICB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 14:30:38 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	20.26	ppb
Lead	207-1	0.07	0.08	0.08	0.08	3.24	ppb
Lead	208-1	0.05	0.06	0.07	0.06	11.77	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.70	1.38	0.94	1.01	34.26	ppb
Manganese	55-2	0.03	0.04	0.05	0.04	29.78	ppb
Molybdenum	94-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-1.59	-19.17	-3.94	-8.24		ppb
Potassium	39-2	-3.12	4.03	-1.41	-0.17		ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	-0.17	0.13	0.33	0.10	255.40	ppb
Selenium	77-2	1.09	0.27	-0.15	0.40	156.53	ppb
Selenium	78-2	-0.61	-0.15	-0.05	-0.27		ppb
Silicon	28-1	-1.86	0.25	1.02	-0.19		ppb
Silver	107-1	0.01	0.01	0.00	0.01	39.67	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.40	ppb
Sodium	23-2	6.78	7.48	5.39	6.55	16.27	ppb
Strontium	86-1	0.05	0.01	-0.03	0.01	418.12	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	53.10	ppb
Sulfur	34-1	-424.62	-372.76	-320.74	-372.71		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.00	0.03	0.02	66.28	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	21.92	ppb
Tin	118-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICB53	Instrumnet Name :	P8
Client Sample ID :	ICB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:30:38	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.02	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	387.06	ppb
Vanadium	51-2	0.00	0.01	-0.01	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				105		%
Zinc	66-2	0.05	0.13	0.15	0.11	44.44	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	28.66	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:33:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97253.20	92969.45	93962.86	94728.50	2.37	ppb
Antimony	121-1	1.19	1.14	1.11	1.15	3.79	ppb
Arsenic	75-2	0.26	0.42	0.36	0.35	23.03	ppb
Barium	135-1	1.39	1.47	1.36	1.40	3.94	ppb
Barium	137-1	1.41	1.36	1.38	1.39	1.88	ppb
Beryllium	9-1	0.27	0.27	0.28	0.27	2.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	8.59	8.74	7.61	8.31	7.34	ppb
Boron	11-1	9.25	9.02	8.35	8.87	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.43	0.35	0.42	15.16	ppb
Cadmium	106-1	-0.31	-0.83	-0.53	-0.56		ppb
Cadmium	108-1	11.15	10.59	11.61	11.12	4.60	ppb
Calcium	43-1	98901.75	96005.27	99224.72	98043.91	1.81	ppb
Calcium	44-1	96248.05	96843.11	97556.41	96882.53	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.96	18.45	18.03	18.48	2.51	ppb
Cobalt	59-2	1.08	1.19	1.06	1.11	6.10	ppb
Copper	63-2	6.99	7.75	7.05	7.26	5.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	101580.57	104161.51	102013.75	102585.28	1.35	ppb
Iron	56-2	106678.77	102628.56	100440.79	103249.37	3.07	ppb
Iron	57-2	102416.04	101444.81	100170.28	101343.71	1.11	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:33:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.31	4.18	4.27	4.25	1.53	ppb
Lead	207-1	3.88	3.84	3.82	3.85	0.73	ppb
Lead	208-1	4.07	3.99	4.02	4.03	0.95	ppb
Lithium	6-1				105		%
Magnesium	24-2	99912.34	98174.29	97302.55	98463.06	1.35	ppb
Manganese	55-2	7.24	7.86	7.16	7.42	5.13	ppb
Molybdenum	94-1	1298.06	1281.33	1294.66	1291.35	0.68	ppb
Molybdenum	95-1	1837.71	1837.79	1856.05	1843.85	0.57	ppb
Molybdenum	96-1	1777.31	1800.94	1788.77	1789.01	0.66	ppb
Molybdenum	97-1	1838.53	1852.23	1874.72	1855.16	0.98	ppb
Molybdenum	98-1	1839.90	1828.52	1898.98	1855.80	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.88	5.78	5.59	5.75	2.57	ppb
Phosphorus	31-2	98034.80	96307.19	93695.12	96012.37	2.28	ppb
Potassium	39-2	98819.68	97361.31	96503.06	97561.35	1.20	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.86	0.45	0.58	0.63	32.77	ppb
Selenium	77-2	0.70	-0.15	0.74	0.43	116.74	ppb
Selenium	78-2	-0.64	-0.76	-0.21	-0.54		ppb
Silicon	28-1	20.22	19.49	19.69	19.80	1.90	ppb
Silver	107-1	0.06	0.06	0.04	0.05	18.35	ppb
Silver	109-1	0.06	0.05	0.05	0.05	11.07	ppb
Sodium	23-2	103819.15	102847.14	103391.01	103352.43	0.47	ppb
Strontium	86-1	33.53	33.74	33.75	33.68	0.36	ppb
Strontium	88-1	33.58	33.80	34.57	33.99	1.53	ppb
Sulfur	34-1	97531.11	97279.04	98854.02	97888.05	0.86	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.08	0.13	0.09	41.15	ppb
Thallium	205-1	0.06	0.08	0.09	0.08	20.92	ppb
Tin	118-1	0.21	0.19	0.18	0.19	6.57	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:33:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1957.89	1921.96	1936.09	1938.64	0.93	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	21.14	ppb
Vanadium	51-2	0.11	0.20	0.17	0.16	26.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	10.23	10.71	9.96	10.30	3.70	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.29	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	23.23	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:36:34	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94699.77	96235.54	106385.49	99106.93	6.41	ppb
Antimony	121-1	20.53	19.91	20.22	20.22	1.53	ppb
Arsenic	75-2	18.70	19.63	22.44	20.26	9.62	ppb
Barium	135-1	21.04	20.37	20.79	20.73	1.65	ppb
Barium	137-1	20.66	20.70	20.39	20.58	0.82	ppb
Beryllium	9-1	19.42	19.40	19.91	19.58	1.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	6.78	6.66	6.48	6.64	2.27	ppb
Boron	11-1	7.06	6.97	6.82	6.95	1.78	ppb
Bromine	81-1						cps
Cadmium	111-1	19.26	18.54	19.06	18.95	1.97	ppb
Cadmium	106-1	14.65	14.89	16.06	15.20	4.96	ppb
Cadmium	108-1	26.38	27.89	26.91	27.06	2.84	ppb
Calcium	43-1	98001.64	97945.29	96341.49	97429.47	0.97	ppb
Calcium	44-1	97925.99	96305.09	96959.87	97063.65	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.81	37.06	41.83	38.56	7.34	ppb
Cobalt	59-2	19.82	19.75	22.92	20.83	8.70	ppb
Copper	63-2	26.82	26.76	30.08	27.89	6.81	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	102873.76	101342.21	115341.15	106519.04	7.21	ppb
Iron	56-2	102446.43	101699.57	117674.38	107273.46	8.40	ppb
Iron	57-2	101594.42	102071.26	112838.80	105501.49	6.03	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:36:34	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	21.94	22.38	22.90	22.41	2.15	ppb
Lead	207-1	21.67	21.61	22.21	21.83	1.50	ppb
Lead	208-1	21.86	22.13	22.56	22.18	1.59	ppb
Lithium	6-1				107		%
Magnesium	24-2	98105.26	99798.55	112415.06	103439.62	7.56	ppb
Manganese	55-2	26.18	25.47	28.99	26.88	6.93	ppb
Molybdenum	94-1	1307.62	1226.23	1278.09	1270.64	3.24	ppb
Molybdenum	95-1	1878.24	1798.98	1847.49	1841.57	2.17	ppb
Molybdenum	96-1	1773.29	1718.52	1808.95	1766.92	2.58	ppb
Molybdenum	97-1	1836.80	1743.84	1859.02	1813.22	3.37	ppb
Molybdenum	98-1	1851.05	1790.96	1839.34	1827.12	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.09	23.14	26.01	24.08	6.94	ppb
Phosphorus	31-2	94885.85	94749.61	108175.72	99270.40	7.77	ppb
Potassium	39-2	97551.00	97001.52	111548.22	102033.58	8.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	19.56	18.95	19.56	19.36	1.81	ppb
Selenium	77-2	12.60	19.78	22.63	18.34	28.17	ppb
Selenium	78-2	19.31	16.83	22.22	19.45	13.89	ppb
Silicon	28-1	17.83	20.90	18.21	18.98	8.84	ppb
Silver	107-1	18.19	18.03	18.22	18.15	0.54	ppb
Silver	109-1	18.00	18.20	18.07	18.09	0.57	ppb
Sodium	23-2	101883.18	103786.47	118629.35	108099.67	8.48	ppb
Strontium	86-1	34.00	31.80	32.99	32.93	3.34	ppb
Strontium	88-1	34.10	32.95	33.06	33.37	1.90	ppb
Sulfur	34-1	95749.16	96533.19	94896.00	95726.12	0.86	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	19.05	19.66	19.00	19.23	1.91	ppb
Thallium	205-1	19.44	19.53	19.49	19.49	0.21	ppb
Tin	118-1	0.15	0.20	0.18	0.18	12.97	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:36:34	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1942.39	1961.03	1899.70	1934.37	1.63	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	27.18	ppb
Vanadium	51-2	18.53	18.77	21.12	19.47	7.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	28.54	27.50	31.83	29.29	7.72	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	8.98	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	21.58	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:40:22	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48175.57	50320.93	48628.73	49041.74	2.31	ppb
Antimony	121-1	475.02	460.18	466.04	467.08	1.60	ppb
Arsenic	75-2	481.96	481.74	476.53	480.08	0.64	ppb
Barium	135-1	2340.03	2331.63	2315.34	2329.00	0.54	ppb
Barium	137-1	2347.15	2316.91	2317.97	2327.34	0.74	ppb
Beryllium	9-1	491.42	480.68	492.70	488.27	1.35	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	436.64	449.71	483.86	456.73	5.34	ppb
Boron	11-1	465.72	484.71	481.18	477.20	2.12	ppb
Bromine	81-1						cps
Cadmium	111-1	470.36	448.91	478.03	465.77	3.24	ppb
Cadmium	106-1	491.49	481.64	487.38	486.83	1.02	ppb
Cadmium	108-1	468.25	464.83	477.78	470.28	1.43	ppb
Calcium	43-1	239700.74	247646.90	241889.52	243079.05	1.69	ppb
Calcium	44-1	241707.28	241110.21	241532.58	241450.02	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.36	485.92	467.71	475.00	2.03	ppb
Cobalt	59-2	459.05	462.52	456.92	459.50	0.62	ppb
Copper	63-2	4803.24	4829.01	4785.47	4805.91	0.46	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				106		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	121708.96	124374.48	120291.17	122124.87	1.70	ppb
Iron	56-2	122853.41	122662.45	120855.95	122123.94	0.90	ppb
Iron	57-2	120591.82	123075.07	119118.08	120928.32	1.65	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:40:22	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2342.04	2349.67	2416.98	2369.56	1.74	ppb
Lead	207-1	2305.67	2321.50	2323.67	2316.95	0.42	ppb
Lead	208-1	2314.39	2331.41	2352.66	2332.82	0.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	248975.09	254051.20	250818.08	251281.46	1.02	ppb
Manganese	55-2	4956.14	4912.44	4825.55	4898.04	1.36	ppb
Molybdenum	94-1	2300.63	2265.71	2384.11	2316.82	2.63	ppb
Molybdenum	95-1	2330.26	2253.96	2402.26	2328.83	3.18	ppb
Molybdenum	96-1	2296.58	2244.96	2352.01	2297.85	2.33	ppb
Molybdenum	97-1	2209.55	2247.05	2328.20	2261.60	2.68	ppb
Molybdenum	98-1	2258.38	2247.00	2371.20	2292.19	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	454.78	461.75	453.20	456.57	1.00	ppb
Phosphorus	31-2	9048.23	9665.95	9064.91	9259.69	3.80	ppb
Potassium	39-2	121298.29	123265.43	125538.43	123367.39	1.72	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	487.97	485.32	506.52	493.27	2.34	ppb
Selenium	77-2	465.08	500.52	447.18	470.92	5.76	ppb
Selenium	78-2	496.08	485.05	480.03	487.05	1.69	ppb
Silicon	28-1	477.12	494.64	512.38	494.71	3.56	ppb
Silver	107-1	512.17	495.00	502.88	503.35	1.71	ppb
Silver	109-1	496.63	484.35	502.64	494.54	1.88	ppb
Sodium	23-2	247863.06	253998.99	246480.81	249447.62	1.60	ppb
Strontium	86-1	4644.17	4615.54	4644.76	4634.82	0.36	ppb
Strontium	88-1	4523.68	4534.73	4641.85	4566.75	1.43	ppb
Sulfur	34-1	9331.20	9534.31	9540.07	9468.53	1.26	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	470.94	474.20	488.30	477.81	1.93	ppb
Thallium	205-1	466.57	479.46	481.56	475.86	1.71	ppb
Tin	118-1	470.09	462.44	476.67	469.73	1.52	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:40:22	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2324.58	2363.24	2397.98	2361.93	1.55	ppb
Uranium	238-1	462.56	470.51	471.58	468.22	1.05	ppb
Vanadium	51-2	476.32	487.59	468.55	477.48	2.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	4730.43	4728.83	4732.38	4730.55	0.04	ppb
Zirconium	90-1	456.16	464.03	472.49	464.23	1.76	ppb
Zirconium	91-1	468.30	465.00	477.48	470.26	1.38	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:46:02	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	0.50	0.25	0.43	35.89	ppb
Antimony	121-1	0.12	0.14	0.12	0.12	11.96	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.18	0.18	0.03	0.13	66.81	ppb
Barium	137-1	0.22	0.15	0.03	0.13	73.02	ppb
Beryllium	9-1	0.05	0.04	0.01	0.03	65.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	16.40	16.79	16.57	16.58	1.16	ppb
Boron	11-1	16.29	18.15	18.00	17.48	5.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.04	0.01	0.02	129.38	ppb
Cadmium	106-1	-1.97	-0.53	-0.59	-1.03		ppb
Cadmium	108-1	-0.10	-0.09	-0.16	-0.12		ppb
Calcium	43-1	22.12	22.71	3.13	15.99	69.69	ppb
Calcium	44-1	24.45	25.08	8.94	19.49	46.90	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		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.11	0.07	0.08	23.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	0.64	0.34	0.77	0.58	38.26	ppb
Iron	56-2	1.19	0.76	0.79	0.91	26.61	ppb
Iron	57-2	0.54	0.55	0.85	0.65	27.04	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:46:02	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.26	0.11	0.21	40.02	ppb
Lead	207-1	0.24	0.26	0.12	0.21	38.46	ppb
Lead	208-1	0.24	0.24	0.10	0.20	41.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.43	1.54	1.73	1.57	9.68	ppb
Manganese	55-2	0.04	0.03	0.04	0.03	11.91	ppb
Molybdenum	94-1	0.33	0.31	0.08	0.24	58.89	ppb
Molybdenum	95-1	0.32	0.29	0.10	0.23	51.06	ppb
Molybdenum	96-1	0.31	0.30	0.08	0.23	56.51	ppb
Molybdenum	97-1	0.29	0.31	0.08	0.23	55.90	ppb
Molybdenum	98-1	0.43	0.38	0.08	0.30	62.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	-0.05	-0.03		ppb
Phosphorus	31-2	-3.98	-1.54	5.61	0.03	16200.71	ppb
Potassium	39-2	8.37	6.12	8.81	7.77	18.56	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	-0.17	-0.24	0.11	-0.10		ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	-0.41	0.50	-0.06	0.01	4028.06	ppb
Silicon	28-1	-4.71	-1.79	0.33	-2.06		ppb
Silver	107-1	0.04	0.04	0.02	0.03	29.67	ppb
Silver	109-1	0.04	0.04	0.03	0.04	12.08	ppb
Sodium	23-2	25.42	21.92	22.66	23.33	7.91	ppb
Strontium	86-1	0.47	0.49	0.07	0.34	69.80	ppb
Strontium	88-1	0.46	0.40	0.05	0.30	74.01	ppb
Sulfur	34-1	-1086.61	-590.75	-514.60	-730.65		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.08	0.06	0.07	16.37	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	19.89	ppb
Tin	118-1	0.05	0.03	0.02	0.03	50.93	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:46:02	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.31	0.27	0.03	0.20	73.03	ppb
Uranium	238-1	0.04	0.03	0.00	0.02	78.39	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				105		%
Yttrium	89-2				108		%
Zinc	66-2	0.09	0.08	0.11	0.09	16.23	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	40.27	ppb
Zirconium	91-1	0.03	0.05	0.01	0.03	64.70	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:59:20	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.68	23.35	20.13	21.38	8.05	ppb
Antimony	121-1	1.65	1.71	1.69	1.68	1.97	ppb
Arsenic	75-2	0.81	0.87	0.80	0.83	4.94	ppb
Barium	135-1	8.09	8.57	8.34	8.33	2.86	ppb
Barium	137-1	8.13	8.31	8.43	8.29	1.82	ppb
Beryllium	9-1	0.82	0.82	0.89	0.84	4.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	20.16	21.60	22.94	21.57	6.44	ppb
Boron	11-1	21.40	22.97	23.85	22.74	5.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.74	0.77	0.84	0.78	6.46	ppb
Cadmium	106-1	-1.83	-1.03	-1.89	-1.59		ppb
Cadmium	108-1	0.87	0.67	0.69	0.74	14.48	ppb
Calcium	43-1	423.92	412.78	421.00	419.23	1.38	ppb
Calcium	44-1	430.28	417.07	421.06	422.80	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.66	1.61	1.65	1.64	1.83	ppb
Cobalt	59-2	0.83	0.83	0.84	0.83	0.40	ppb
Copper	63-2	1.67	1.82	1.76	1.75	4.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				107		%
Iron	54-2	51.28	56.89	52.68	53.62	5.45	ppb
Iron	56-2	49.99	54.78	51.71	52.16	4.65	ppb
Iron	57-2	47.05	53.93	55.54	52.18	8.65	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:59:20	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.79	0.79	0.75	0.78	2.75	ppb
Lead	207-1	0.80	0.85	0.77	0.81	4.69	ppb
Lead	208-1	0.79	0.83	0.77	0.80	3.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	437.50	427.59	434.83	433.30	1.18	ppb
Manganese	55-2	0.97	1.11	0.98	1.02	7.40	ppb
Molybdenum	94-1	4.03	4.22	4.04	4.10	2.61	ppb
Molybdenum	95-1	4.20	4.04	4.11	4.12	1.98	ppb
Molybdenum	96-1	4.12	3.96	4.08	4.05	2.14	ppb
Molybdenum	97-1	4.16	3.90	4.23	4.10	4.35	ppb
Molybdenum	98-1	4.04	4.10	3.99	4.04	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.90	0.88	0.88	2.78	ppb
Phosphorus	31-2	-9.37	1.73	-10.95	-6.20		ppb
Potassium	39-2	426.36	423.32	416.49	422.06	1.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	4.37	4.44	3.85	4.22	7.63	ppb
Selenium	77-2	1.94	6.07	5.22	4.41	49.49	ppb
Selenium	78-2	3.41	4.40	3.27	3.70	16.65	ppb
Silicon	28-1	11.69	9.69	10.81	10.73	9.33	ppb
Silver	107-1	0.80	0.80	0.84	0.82	3.12	ppb
Silver	109-1	0.80	0.80	0.84	0.81	3.09	ppb
Sodium	23-2	445.78	448.86	439.92	444.85	1.02	ppb
Strontium	86-1	0.91	1.03	0.94	0.96	6.38	ppb
Strontium	88-1	0.90	0.88	0.87	0.88	1.71	ppb
Sulfur	34-1	-234.86	-355.39	-291.68	-293.98		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.74	0.77	0.78	0.76	2.58	ppb
Thallium	205-1	0.75	0.74	0.78	0.76	2.79	ppb
Tin	118-1	4.02	4.23	4.09	4.11	2.62	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:59:20	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.20	4.23	4.06	4.16	2.16	ppb
Uranium	238-1	0.69	0.74	0.73	0.72	3.25	ppb
Vanadium	51-2	4.07	4.11	4.05	4.07	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				106		%
Zinc	66-2	2.31	2.14	2.29	2.25	4.17	ppb
Zirconium	90-1	0.79	0.78	0.78	0.79	0.50	ppb
Zirconium	91-1	0.75	0.80	0.76	0.77	3.47	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:08:30	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.07	29.94	33.23	31.41	5.33	ppb
Antimony	121-1	0.10	0.09	0.10	0.10	4.90	ppb
Arsenic	75-2	0.46	0.47	0.51	0.48	5.20	ppb
Barium	135-1	43.23	45.56	45.42	44.74	2.93	ppb
Barium	137-1	44.51	44.47	46.11	45.03	2.07	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	83.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				102		%
Boron	10-1	34.47	37.67	40.13	37.42	7.57	ppb
Boron	11-1	38.06	41.16	42.49	40.57	5.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.00	-0.06	-0.03		ppb
Cadmium	106-1	-1.81	-0.21	-3.03	-1.68		ppb
Cadmium	108-1	-0.19	0.00	-0.17	-0.12		ppb
Calcium	43-1	26743.67	27292.06	27750.29	27262.01	1.85	ppb
Calcium	44-1	26032.98	25978.23	26884.33	26298.51	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.37	0.38	0.39	6.72	ppb
Cobalt	59-2	0.08	0.07	0.08	0.07	7.52	ppb
Copper	63-2	1.09	1.07	1.08	1.08	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	119.03	116.26	117.43	117.58	1.18	ppb
Iron	56-2	122.67	119.01	117.93	119.87	2.07	ppb
Iron	57-2	137.03	135.10	134.75	135.63	0.90	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:08:30	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.13	0.12	13.65	ppb
Lead	207-1	0.11	0.12	0.14	0.12	12.11	ppb
Lead	208-1	0.11	0.11	0.14	0.12	12.00	ppb
Lithium	6-1				105		%
Magnesium	24-2	10879.40	10684.13	10435.07	10666.20	2.09	ppb
Manganese	55-2	19.96	19.54	19.40	19.63	1.49	ppb
Molybdenum	94-1	0.47	0.48	0.44	0.47	4.59	ppb
Molybdenum	95-1	0.64	0.57	0.63	0.61	5.51	ppb
Molybdenum	96-1	0.59	0.57	0.55	0.57	2.93	ppb
Molybdenum	97-1	0.58	0.54	0.65	0.59	9.46	ppb
Molybdenum	98-1	0.56	0.60	0.60	0.59	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.15	1.09	1.11	3.14	ppb
Phosphorus	31-2	69.52	38.33	51.56	53.14	29.46	ppb
Potassium	39-2	2498.49	2444.07	2469.76	2470.77	1.10	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.21	0.53	-0.40	-0.03		ppb
Selenium	77-2	0.69	-0.15	-0.15	0.13	370.37	ppb
Selenium	78-2	-0.10	-0.28	0.67	0.10	509.32	ppb
Silicon	28-1	3820.18	3807.88	3832.02	3820.03	0.32	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	27105.58	27050.58	26610.80	26922.32	1.01	ppb
Strontium	86-1	144.58	146.04	146.99	145.87	0.83	ppb
Strontium	88-1	147.59	145.26	151.19	148.01	2.02	ppb
Sulfur	34-1	5039.09	5420.18	5265.92	5241.73	3.66	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.05	0.00	-0.02	-0.02		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:08:30	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.06	1.17	1.15	1.13	5.30	ppb
Uranium	238-1	0.23	0.21	0.22	0.22	4.61	ppb
Vanadium	51-2	0.62	0.57	0.60	0.60	4.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	18.94	18.37	18.38	18.56	1.77	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	12.25	ppb
Zirconium	91-1	0.04	0.05	0.03	0.04	21.49	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:11:26	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.38	30.94	30.39	31.57	5.05	ppb
Antimony	121-1	0.08	0.10	0.08	0.09	10.86	ppb
Arsenic	75-2	0.46	0.47	0.41	0.45	7.15	ppb
Barium	135-1	43.09	43.11	42.75	42.98	0.48	ppb
Barium	137-1	43.85	43.94	42.46	43.42	1.92	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	276.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	37.81	40.23	40.83	39.63	4.03	ppb
Boron	11-1	40.38	44.19	44.23	42.94	5.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-1.99	-1.73	-1.21	-1.64		ppb
Cadmium	108-1	-0.12	-0.18	-0.14	-0.15		ppb
Calcium	43-1	25911.05	25543.20	25727.49	25727.25	0.71	ppb
Calcium	44-1	25156.02	25147.12	25762.80	25355.31	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.35	0.38	0.38	7.00	ppb
Cobalt	59-2	0.07	0.09	0.09	0.08	10.88	ppb
Copper	63-2	1.07	1.04	1.06	1.06	1.59	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				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	120.31	116.48	109.16	115.32	4.91	ppb
Iron	56-2	114.75	116.04	116.79	115.86	0.89	ppb
Iron	57-2	132.53	127.20	127.75	129.16	2.27	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:11:26	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.11	0.13	9.69	ppb
Lead	207-1	0.10	0.13	0.10	0.11	18.11	ppb
Lead	208-1	0.11	0.12	0.11	0.11	7.43	ppb
Lithium	6-1				103		%
Magnesium	24-2	10275.42	10402.04	10113.41	10263.62	1.41	ppb
Manganese	55-2	18.94	19.13	18.84	18.97	0.79	ppb
Molybdenum	94-1	0.44	0.41	0.46	0.44	6.12	ppb
Molybdenum	95-1	0.57	0.54	0.59	0.56	4.04	ppb
Molybdenum	96-1	0.53	0.50	0.52	0.52	2.57	ppb
Molybdenum	97-1	0.56	0.55	0.52	0.54	3.27	ppb
Molybdenum	98-1	0.60	0.55	0.59	0.58	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.19	1.09	1.16	5.28	ppb
Phosphorus	31-2	35.92	49.58	55.15	46.88	21.11	ppb
Potassium	39-2	2359.92	2406.49	2370.49	2378.97	1.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.46	0.21	0.35	0.34	36.99	ppb
Selenium	77-2	0.27	-0.15	-0.15	-0.01		ppb
Selenium	78-2	0.09	0.45	-0.23	0.10	335.25	ppb
Silicon	28-1	3563.35	3782.33	3577.71	3641.13	3.36	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	25572.32	25813.87	24937.56	25441.25	1.78	ppb
Strontium	86-1	139.27	137.85	142.77	139.96	1.81	ppb
Strontium	88-1	136.21	138.64	142.18	139.01	2.16	ppb
Sulfur	34-1	4416.97	4792.78	4517.71	4575.82	4.25	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.01	-0.02	-0.02	-0.02		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:11:26	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.17	1.24	2.21	1.54	37.65	ppb
Uranium	238-1	0.21	0.20	0.21	0.21	1.48	ppb
Vanadium	51-2	0.57	0.57	0.61	0.58	3.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	18.60	17.83	18.17	18.20	2.14	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.52	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	13.12	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:14:23	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.51	32.71	34.21	34.47	5.55	ppb
Antimony	121-1	0.19	0.20	0.25	0.21	15.48	ppb
Arsenic	75-2	0.72	0.75	0.76	0.74	2.94	ppb
Barium	135-1	47.79	49.47	49.78	49.01	2.19	ppb
Barium	137-1	49.03	50.76	51.61	50.47	2.60	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	86.53	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	68.93	72.72	72.66	71.43	3.04	ppb
Boron	11-1	75.98	76.10	76.42	76.16	0.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-0.15	-1.09	-1.80	-1.01		ppb
Cadmium	108-1	-0.18	-0.12	-0.06	-0.12		ppb
Calcium	43-1	28446.99	28231.65	28791.17	28489.94	0.99	ppb
Calcium	44-1	28104.63	27695.30	27649.06	27816.33	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.45	0.47	0.46	2.56	ppb
Cobalt	59-2	0.14	0.14	0.14	0.14	1.34	ppb
Copper	63-2	2.99	3.04	3.08	3.04	1.56	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				100		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	198.90	194.66	218.05	203.87	6.11	ppb
Iron	56-2	199.37	198.58	196.58	198.18	0.73	ppb
Iron	57-2	208.83	210.45	211.04	210.11	0.54	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:14:23	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.23	0.28	0.24	16.85	ppb
Lead	207-1	0.20	0.21	0.26	0.23	14.10	ppb
Lead	208-1	0.20	0.22	0.27	0.23	15.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	10560.36	10533.84	10537.64	10543.95	0.14	ppb
Manganese	55-2	69.44	69.35	69.16	69.32	0.21	ppb
Molybdenum	94-1	1.03	1.01	1.22	1.09	10.24	ppb
Molybdenum	95-1	1.40	1.30	1.48	1.39	6.41	ppb
Molybdenum	96-1	1.30	1.28	1.43	1.34	5.92	ppb
Molybdenum	97-1	1.43	1.31	1.50	1.41	6.54	ppb
Molybdenum	98-1	1.34	1.32	1.44	1.37	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.86	0.87	0.89	4.10	ppb
Phosphorus	31-2	487.32	467.07	445.58	466.66	4.47	ppb
Potassium	39-2	3654.06	3632.85	3645.47	3644.12	0.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.61	0.34	0.28	0.41	43.17	ppb
Selenium	77-2	1.55	0.28	0.29	0.71	102.67	ppb
Selenium	78-2	-0.09	0.61	0.90	0.47	108.61	ppb
Silicon	28-1	3657.15	3660.62	3683.49	3667.08	0.39	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	35817.46	34661.43	35004.12	35161.00	1.69	ppb
Strontium	86-1	158.87	157.10	155.97	157.31	0.93	ppb
Strontium	88-1	159.76	155.83	155.71	157.10	1.47	ppb
Sulfur	34-1	9672.36	9420.50	9764.05	9618.97	1.85	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.01	-0.02		ppb
Tin	118-1	0.01	0.03	0.06	0.03	79.28	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:14:23	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.30	1.21	1.45	1.32	9.16	ppb
Uranium	238-1	0.17	0.16	0.17	0.16	3.93	ppb
Vanadium	51-2	0.65	0.66	0.62	0.64	3.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	9.69	9.59	9.51	9.60	0.92	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	18.74	ppb
Zirconium	91-1	0.04	0.08	0.04	0.05	44.89	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:18:04	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.47	33.33	34.59	33.80	2.04	ppb
Antimony	121-1	0.20	0.19	0.18	0.19	6.18	ppb
Arsenic	75-2	0.76	0.63	0.68	0.69	9.99	ppb
Barium	135-1	47.40	47.41	47.40	47.40	0.01	ppb
Barium	137-1	47.23	47.73	48.24	47.73	1.06	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	2652.01	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	68.95	70.14	71.51	70.20	1.83	ppb
Boron	11-1	76.55	75.59	78.10	76.75	1.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.05	-0.06	-0.05		ppb
Cadmium	106-1	-2.64	-2.77	-2.83	-2.75		ppb
Cadmium	108-1	-0.19	-0.14	-0.05	-0.13		ppb
Calcium	43-1	27189.00	28976.33	26927.78	27697.70	4.03	ppb
Calcium	44-1	25691.05	27861.72	26109.19	26553.99	4.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.44	0.43	0.44	2.58	ppb
Cobalt	59-2	0.13	0.15	0.15	0.15	7.53	ppb
Copper	63-2	2.93	2.93	2.96	2.94	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	184.66	195.69	189.81	190.05	2.90	ppb
Iron	56-2	191.96	191.90	195.70	193.19	1.13	ppb
Iron	57-2	208.81	204.71	211.86	208.46	1.72	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:18:04	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.20	0.19	0.19	3.20	ppb
Lead	207-1	0.17	0.20	0.22	0.20	13.40	ppb
Lead	208-1	0.17	0.20	0.18	0.18	7.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	10417.70	10532.54	10494.21	10481.48	0.56	ppb
Manganese	55-2	68.34	68.56	68.15	68.35	0.30	ppb
Molybdenum	94-1	0.98	1.00	0.98	0.99	0.87	ppb
Molybdenum	95-1	1.31	1.29	1.34	1.31	1.89	ppb
Molybdenum	96-1	1.25	1.21	1.18	1.22	2.77	ppb
Molybdenum	97-1	1.28	1.33	1.32	1.31	1.82	ppb
Molybdenum	98-1	1.27	1.35	1.23	1.28	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.94	0.84	0.92	7.26	ppb
Phosphorus	31-2	470.35	456.57	454.35	460.42	1.88	ppb
Potassium	39-2	3496.44	3573.44	3604.03	3557.97	1.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.06	0.49	0.61	0.39	73.84	ppb
Selenium	77-2	-0.15	-0.15	0.29	0.00		ppb
Selenium	78-2	0.12	1.01	1.11	0.75	73.43	ppb
Silicon	28-1	3570.68	3586.06	3529.76	3562.17	0.82	ppb
Silver	107-1	0.00	-0.01	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	33907.12	35013.87	33841.18	34254.05	1.92	ppb
Strontium	86-1	150.85	154.08	150.70	151.88	1.26	ppb
Strontium	88-1	151.71	151.51	150.90	151.37	0.28	ppb
Sulfur	34-1	9460.04	9805.24	9428.63	9564.63	2.18	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.04		ppb
Tin	118-1	0.04	0.02	0.05	0.04	36.21	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:18:04	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.19	1.10	1.33	1.20	9.69	ppb
Uranium	238-1	0.17	0.16	0.14	0.16	7.54	ppb
Vanadium	51-2	0.63	0.62	0.69	0.65	5.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	9.66	9.39	9.48	9.51	1.45	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	4.99	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	1.14	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:21:02	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.84	29.65	31.86	31.45	5.20	ppb
Antimony	121-1	0.08	0.10	0.07	0.09	15.14	ppb
Arsenic	75-2	0.55	0.48	0.50	0.51	6.70	ppb
Barium	135-1	43.78	45.17	43.52	44.16	2.00	ppb
Barium	137-1	44.97	45.24	45.01	45.07	0.32	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	42.33	42.16	45.17	43.22	3.91	ppb
Boron	11-1	45.64	44.32	48.08	46.01	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-1.77	-2.26	-1.38	-1.80		ppb
Cadmium	108-1	-0.22	-0.01	-0.16	-0.13		ppb
Calcium	43-1	26685.75	26935.53	26003.52	26541.60	1.82	ppb
Calcium	44-1	26771.67	26497.73	26455.05	26574.82	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.40	0.40	0.40	0.85	ppb
Cobalt	59-2	0.08	0.07	0.09	0.08	7.90	ppb
Copper	63-2	1.12	1.13	1.07	1.11	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	115.52	117.21	119.45	117.39	1.68	ppb
Iron	56-2	119.10	118.79	117.64	118.51	0.65	ppb
Iron	57-2	128.45	134.52	138.89	133.96	3.91	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:21:02	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.10	0.11	0.11	15.08	ppb
Lead	207-1	0.11	0.09	0.10	0.10	10.22	ppb
Lead	208-1	0.14	0.09	0.10	0.11	20.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	10661.74	10370.04	10370.79	10467.52	1.61	ppb
Manganese	55-2	19.40	19.46	19.38	19.41	0.23	ppb
Molybdenum	94-1	0.45	0.42	0.41	0.42	4.94	ppb
Molybdenum	95-1	0.56	0.57	0.57	0.57	1.48	ppb
Molybdenum	96-1	0.59	0.51	0.53	0.55	7.72	ppb
Molybdenum	97-1	0.57	0.49	0.61	0.56	10.30	ppb
Molybdenum	98-1	0.49	0.53	0.53	0.52	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.21	1.18	1.24	5.93	ppb
Phosphorus	31-2	49.18	38.27	43.58	43.68	12.48	ppb
Potassium	39-2	2490.89	2452.86	2405.22	2449.66	1.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.04	0.07	0.50	0.21	126.53	ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	0.05	0.52	-0.01	0.18	156.89	ppb
Silicon	28-1	3749.43	3759.15	3693.22	3733.93	0.95	ppb
Silver	107-1	-0.01	-0.01	-0.02	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	26939.18	26710.43	25999.69	26549.77	1.85	ppb
Strontium	86-1	144.59	141.43	143.23	143.08	1.11	ppb
Strontium	88-1	145.83	146.07	142.10	144.67	1.54	ppb
Sulfur	34-1	5259.49	4921.59	4989.07	5056.72	3.54	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.03	-0.03	-0.05	-0.04		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:21:02	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.15	1.06	1.19	1.13	5.92	ppb
Uranium	238-1	0.24	0.21	0.22	0.23	6.44	ppb
Vanadium	51-2	0.60	0.53	0.57	0.57	5.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	18.68	18.21	17.88	18.26	2.19	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	31.07	ppb
Zirconium	91-1	0.05	0.03	0.02	0.03	60.40	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-20 15:23:58	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.10	7.24	6.73	7.02	3.70	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	46.49	ppb
Arsenic	75-2	0.07	0.07	0.08	0.07	10.53	ppb
Barium	135-1	8.73	8.71	8.13	8.52	4.05	ppb
Barium	137-1	8.78	8.67	8.52	8.66	1.49	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	13.31	12.83	13.06	13.07	1.85	ppb
Boron	11-1	14.01	13.81	13.97	13.93	0.75	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.03	-0.05	-0.04		ppb
Cadmium	106-1	-1.81	-1.67	-2.40	-1.96		ppb
Cadmium	108-1	-0.12	-0.19	-0.23	-0.18		ppb
Calcium	43-1	5163.30	5167.41	5156.19	5162.30	0.11	ppb
Calcium	44-1	5094.72	5341.20	5322.04	5252.65	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.09	0.09	0.10	8.12	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	19.71	ppb
Copper	63-2	0.38	0.37	0.36	0.37	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	25.99	26.39	26.04	26.14	0.84	ppb
Iron	56-2	27.34	25.12	25.32	25.93	4.73	ppb
Iron	57-2	27.25	28.50	28.81	28.18	2.94	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-20 15:23:58	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.07	0.07	13.37	ppb
Lead	207-1	0.06	0.06	0.06	0.06	6.88	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	2113.06	2122.48	2089.67	2108.40	0.80	ppb
Manganese	55-2	4.34	4.32	4.05	4.24	3.72	ppb
Molybdenum	94-1	0.09	0.10	0.11	0.10	10.18	ppb
Molybdenum	95-1	0.11	0.15	0.13	0.13	16.13	ppb
Molybdenum	96-1	0.10	0.10	0.11	0.10	8.93	ppb
Molybdenum	97-1	0.12	0.15	0.13	0.13	10.38	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.12	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.32	0.35	0.33	7.93	ppb
Phosphorus	31-2	2.16	2.28	6.13	3.53	64.10	ppb
Potassium	39-2	518.31	517.20	513.73	516.41	0.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	0.45	0.34	-0.03	0.25	99.95	ppb
Selenium	77-2	-0.15	0.29	-0.15	0.00		ppb
Selenium	78-2	-0.68	0.32	-0.46	-0.28		ppb
Silicon	28-1	746.59	721.83	736.68	735.04	1.70	ppb
Silver	107-1	-0.01	-0.01	-0.02	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	5585.37	5430.38	5498.20	5504.65	1.41	ppb
Strontium	86-1	28.71	29.17	29.52	29.13	1.38	ppb
Strontium	88-1	28.51	28.55	29.13	28.73	1.21	ppb
Sulfur	34-1	906.43	730.62	1034.50	890.51	17.13	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.05	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Tin	118-1	0.03	0.02	0.02	0.02	25.21	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-20 15:23:58	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.23	0.22	0.18	0.21	12.98	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	8.75	ppb
Vanadium	51-2	0.12	0.12	0.11	0.12	1.95	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	8.09	8.16	7.85	8.03	1.98	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.62	ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	88.84	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:26:58	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9734.45	9574.32	9842.21	9716.99	1.39	ppb
Antimony	121-1	496.67	501.39	501.48	499.85	0.55	ppb
Arsenic	75-2	507.47	508.52	515.28	510.42	0.83	ppb
Barium	135-1	2404.35	2443.10	2398.45	2415.30	1.00	ppb
Barium	137-1	2427.50	2418.19	2433.13	2426.27	0.31	ppb
Beryllium	9-1	506.94	496.39	514.51	505.94	1.80	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	502.83	517.40	525.29	515.17	2.21	ppb
Boron	11-1	526.96	521.48	537.57	528.67	1.55	ppb
Bromine	81-1						cps
Cadmium	111-1	494.05	478.19	496.87	489.70	2.06	ppb
Cadmium	106-1	502.57	492.02	493.77	496.12	1.14	ppb
Cadmium	108-1	512.89	493.66	507.31	504.62	1.96	ppb
Calcium	43-1	74280.53	77137.54	73659.32	75025.80	2.47	ppb
Calcium	44-1	73654.02	74964.12	72871.90	73830.01	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.54	496.77	529.02	514.44	3.18	ppb
Cobalt	59-2	503.21	496.36	513.34	504.30	1.69	ppb
Copper	63-2	5286.57	5359.22	5501.63	5382.47	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	27306.57	26314.29	28206.43	27275.76	3.47	ppb
Iron	56-2	27004.87	25665.79	27142.82	26604.49	3.07	ppb
Iron	57-2	26685.93	26239.03	27477.13	26800.70	2.34	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:26:58	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2419.29	2427.64	2474.83	2440.59	1.23	ppb
Lead	207-1	2394.91	2480.62	2445.07	2440.20	1.76	ppb
Lead	208-1	2438.79	2501.25	2455.06	2465.04	1.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	70097.14	67212.85	69508.86	68939.61	2.21	ppb
Manganese	55-2	5594.61	5359.28	5576.51	5510.14	2.38	ppb
Molybdenum	94-1	2418.92	2422.88	2366.80	2402.87	1.30	ppb
Molybdenum	95-1	2368.81	2400.16	2326.84	2365.27	1.56	ppb
Molybdenum	96-1	2372.29	2367.32	2351.76	2363.79	0.45	ppb
Molybdenum	97-1	2335.23	2380.74	2317.27	2344.41	1.40	ppb
Molybdenum	98-1	2311.83	2421.17	2322.19	2351.73	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.65	475.78	488.40	483.28	1.37	ppb
Phosphorus	31-2	66.70	41.99	53.58	54.09	22.86	ppb
Potassium	39-2	27595.19	27483.50	28595.52	27891.40	2.20	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	499.96	509.89	497.51	502.45	1.30	ppb
Selenium	77-2	486.77	487.27	509.52	494.52	2.63	ppb
Selenium	78-2	495.04	506.41	506.43	502.63	1.31	ppb
Silicon	28-1	3990.07	4011.70	3941.25	3981.01	0.91	ppb
Silver	107-1	976.21	205.42	206.32	462.65	96.13	ppb
Silver	109-1	214.05	198.27	207.82	206.71	3.85	ppb
Sodium	23-2	79944.76	76947.32	80413.40	79101.83	2.38	ppb
Strontium	86-1	5012.90	4999.57	4876.31	4962.93	1.52	ppb
Strontium	88-1	4978.60	4978.80	4907.43	4954.94	0.83	ppb
Sulfur	34-1	5011.23	5082.85	4605.69	4899.92	5.25	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	481.73	492.50	505.75	493.33	2.44	ppb
Thallium	205-1	476.60	501.77	494.06	490.81	2.63	ppb
Tin	118-1	470.64	485.09	491.67	482.47	2.23	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:26:58	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2367.70	2411.06	2379.16	2385.97	0.94	ppb
Uranium	238-1	485.06	503.77	480.31	489.71	2.53	ppb
Vanadium	51-2	514.09	506.38	546.28	522.25	4.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	5237.05	5286.05	5555.32	5359.47	3.20	ppb
Zirconium	90-1	480.84	486.32	484.65	483.94	0.58	ppb
Zirconium	91-1	489.67	490.59	488.75	489.67	0.19	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:29:53	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9456.86	9438.08	9456.21	9450.39	0.11	ppb
Antimony	121-1	487.00	525.60	484.81	499.14	4.60	ppb
Arsenic	75-2	516.76	509.93	502.86	509.85	1.36	ppb
Barium	135-1	2431.38	2540.13	2383.74	2451.75	3.27	ppb
Barium	137-1	2406.46	2521.63	2370.79	2432.96	3.24	ppb
Beryllium	9-1	515.26	491.61	480.72	495.87	3.56	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	535.68	527.62	549.86	537.72	2.09	ppb
Boron	11-1	550.89	540.53	546.21	545.88	0.95	ppb
Bromine	81-1						cps
Cadmium	111-1	479.63	522.17	468.45	490.09	5.78	ppb
Cadmium	106-1	503.65	499.44	483.88	495.66	2.10	ppb
Cadmium	108-1	477.61	527.24	483.60	496.15	5.46	ppb
Calcium	43-1	73426.36	76575.62	72048.61	74016.87	3.14	ppb
Calcium	44-1	72508.39	74342.51	71110.26	72653.72	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.32	499.21	498.37	498.30	0.19	ppb
Cobalt	59-2	501.83	494.25	497.09	497.72	0.77	ppb
Copper	63-2	5445.89	5323.62	5209.01	5326.17	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	26525.10	26339.98	26509.43	26458.17	0.39	ppb
Iron	56-2	26130.30	26048.18	26290.76	26156.41	0.47	ppb
Iron	57-2	26370.49	26439.92	25839.29	26216.57	1.25	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:29:53	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2411.44	2522.94	2367.30	2433.90	3.30	ppb
Lead	207-1	2406.94	2565.34	2391.08	2454.45	3.93	ppb
Lead	208-1	2406.18	2566.04	2403.36	2458.52	3.79	ppb
Lithium	6-1				104		%
Magnesium	24-2	62398.28	61507.49	61592.00	61832.59	0.80	ppb
Manganese	55-2	5310.37	5358.74	5287.78	5318.96	0.68	ppb
Molybdenum	94-1	2350.04	2501.82	2283.74	2378.53	4.70	ppb
Molybdenum	95-1	2354.65	2436.24	2274.34	2355.08	3.44	ppb
Molybdenum	96-1	2329.68	2456.80	2274.77	2353.75	3.97	ppb
Molybdenum	97-1	2303.20	2462.00	2240.10	2335.10	4.90	ppb
Molybdenum	98-1	2322.28	2422.79	2227.87	2324.31	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.28	471.12	468.92	470.44	0.28	ppb
Phosphorus	31-2	41.30	47.34	47.09	45.24	7.55	ppb
Potassium	39-2	27359.56	26892.23	26901.25	27051.01	0.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	493.30	511.88	475.88	493.69	3.65	ppb
Selenium	77-2	503.74	485.58	496.98	495.43	1.85	ppb
Selenium	78-2	497.41	509.56	500.05	502.34	1.27	ppb
Silicon	28-1	4026.13	4214.81	3796.73	4012.56	5.22	ppb
Silver	107-1	159.50	319.49	151.20	210.07	45.16	ppb
Silver	109-1	152.26	160.88	146.06	153.07	4.86	ppb
Sodium	23-2	77435.09	76624.44	78004.50	77354.68	0.90	ppb
Strontium	86-1	5037.95	5144.56	4795.73	4992.75	3.58	ppb
Strontium	88-1	4972.19	5107.47	4773.49	4951.05	3.39	ppb
Sulfur	34-1	4536.16	4894.79	4231.43	4554.13	7.29	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	472.24	513.89	474.14	486.76	4.83	ppb
Thallium	205-1	465.80	518.42	472.15	485.45	5.92	ppb
Tin	118-1	481.39	505.85	483.68	490.31	2.76	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:29:53	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2367.93	2451.90	2307.64	2375.82	3.05	ppb
Uranium	238-1	460.71	500.21	469.05	476.66	4.37	ppb
Vanadium	51-2	505.31	498.05	501.98	501.78	0.72	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	5324.91	5238.31	5271.96	5278.39	0.83	ppb
Zirconium	90-1	474.04	504.99	466.83	481.95	4.21	ppb
Zirconium	91-1	479.38	505.64	463.37	482.80	4.42	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:32:48	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9535.75	9559.08	9562.54	9552.46	0.15	ppb
Antimony	121-1	495.09	505.57	491.72	497.46	1.45	ppb
Arsenic	75-2	508.34	520.44	520.41	516.40	1.35	ppb
Barium	135-1	2471.36	2464.72	2426.47	2454.18	0.99	ppb
Barium	137-1	2535.65	2466.31	2408.31	2470.09	2.58	ppb
Beryllium	9-1	515.25	496.02	503.04	504.77	1.93	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	532.70	562.05	549.82	548.19	2.69	ppb
Boron	11-1	534.67	539.98	575.65	550.10	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	489.71	508.58	497.75	498.68	1.90	ppb
Cadmium	106-1	490.21	505.60	499.19	498.33	1.55	ppb
Cadmium	108-1	499.92	510.65	500.75	503.77	1.18	ppb
Calcium	43-1	75377.08	75552.50	75279.46	75403.01	0.18	ppb
Calcium	44-1	73373.01	73926.97	72459.93	73253.30	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.90	507.70	493.25	501.95	1.53	ppb
Cobalt	59-2	501.38	506.23	513.31	506.97	1.18	ppb
Copper	63-2	5214.93	5358.87	5329.54	5301.11	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	26994.81	27049.50	26757.84	26934.05	0.58	ppb
Iron	56-2	26004.76	26037.35	26589.60	26210.57	1.25	ppb
Iron	57-2	26698.81	26529.12	27191.65	26806.53	1.28	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:32:48	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2399.44	2453.37	2451.24	2434.68	1.25	ppb
Lead	207-1	2427.61	2436.21	2427.97	2430.60	0.20	ppb
Lead	208-1	2433.76	2448.17	2456.16	2446.03	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	63956.23	67499.94	65923.08	65793.08	2.70	ppb
Manganese	55-2	5401.36	5349.13	5403.33	5384.61	0.57	ppb
Molybdenum	94-1	2387.03	2455.94	2352.68	2398.55	2.19	ppb
Molybdenum	95-1	2353.16	2416.62	2305.98	2358.59	2.35	ppb
Molybdenum	96-1	2317.53	2401.88	2287.72	2335.71	2.54	ppb
Molybdenum	97-1	2283.11	2392.62	2278.01	2317.91	2.79	ppb
Molybdenum	98-1	2318.40	2394.83	2310.86	2341.37	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.13	472.07	482.71	477.30	1.12	ppb
Phosphorus	31-2	34.54	72.74	52.52	53.27	35.88	ppb
Potassium	39-2	27536.17	27570.68	27610.21	27572.35	0.13	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	497.23	509.83	495.79	500.95	1.54	ppb
Selenium	77-2	514.88	506.23	542.47	521.19	3.63	ppb
Selenium	78-2	497.72	510.36	511.36	506.48	1.50	ppb
Silicon	28-1	3995.30	4088.48	3933.71	4005.83	1.95	ppb
Silver	107-1	320.62	298.85	287.81	302.43	5.52	ppb
Silver	109-1	348.11	285.17	299.64	310.97	10.60	ppb
Sodium	23-2	75483.08	78908.58	76610.92	77000.86	2.27	ppb
Strontium	86-1	4884.89	5067.36	4848.50	4933.59	2.38	ppb
Strontium	88-1	4806.66	5116.88	4776.14	4899.89	3.85	ppb
Sulfur	34-1	4469.95	4624.52	4303.30	4465.92	3.60	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	477.30	479.48	499.60	485.46	2.53	ppb
Thallium	205-1	479.62	478.56	490.45	482.87	1.36	ppb
Tin	118-1	490.22	494.17	479.87	488.08	1.51	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:32:48	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2331.67	2426.89	2321.63	2360.06	2.46	ppb
Uranium	238-1	468.67	494.04	492.01	484.90	2.91	ppb
Vanadium	51-2	506.35	508.11	499.74	504.73	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	5314.82	5391.73	5418.44	5374.99	1.00	ppb
Zirconium	90-1	484.04	490.17	479.85	484.68	1.07	ppb
Zirconium	91-1	493.19	492.18	479.94	488.44	1.51	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:41:43	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49997.80	48958.07	48805.83	49253.90	1.32	ppb
Antimony	121-1	473.12	474.01	485.73	477.62	1.47	ppb
Arsenic	75-2	486.92	469.34	477.04	477.77	1.85	ppb
Barium	135-1	2325.22	2371.44	2471.03	2389.23	3.12	ppb
Barium	137-1	2317.67	2408.72	2445.59	2390.66	2.75	ppb
Beryllium	9-1	490.54	485.56	467.49	481.20	2.52	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	485.08	492.76	487.66	488.50	0.80	ppb
Boron	11-1	516.21	523.12	505.67	515.00	1.71	ppb
Bromine	81-1						cps
Cadmium	111-1	445.43	455.47	455.72	452.20	1.30	ppb
Cadmium	106-1	465.37	474.60	478.99	472.99	1.47	ppb
Cadmium	108-1	463.07	477.70	473.13	471.30	1.59	ppb
Calcium	43-1	245625.59	255278.63	245231.72	248711.98	2.29	ppb
Calcium	44-1	243756.16	252626.06	235228.52	243870.24	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	473.67	465.79	452.33	463.93	2.33	ppb
Cobalt	59-2	459.29	452.30	448.59	453.39	1.20	ppb
Copper	63-2	4792.83	4673.13	4689.48	4718.48	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	122331.61	120415.34	118463.55	120403.50	1.61	ppb
Iron	56-2	123223.87	122615.16	122202.22	122680.42	0.42	ppb
Iron	57-2	122473.99	120912.08	116846.14	120077.40	2.42	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:41:43	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2448.30	2407.57	2355.33	2403.73	1.94	ppb
Lead	207-1	2335.13	2397.91	2405.39	2379.48	1.62	ppb
Lead	208-1	2372.62	2412.92	2394.19	2393.25	0.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	253678.41	251541.20	251618.68	252279.43	0.48	ppb
Manganese	55-2	4986.35	4896.61	4846.32	4909.76	1.44	ppb
Molybdenum	94-1	2350.80	2383.62	2356.57	2363.66	0.74	ppb
Molybdenum	95-1	2359.56	2360.54	2386.68	2368.93	0.65	ppb
Molybdenum	96-1	2322.66	2362.78	2373.07	2352.84	1.13	ppb
Molybdenum	97-1	2323.95	2338.42	2308.19	2323.52	0.65	ppb
Molybdenum	98-1	2317.60	2318.67	2347.49	2327.92	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.77	454.39	446.32	453.49	1.49	ppb
Phosphorus	31-2	9406.11	9378.54	9331.92	9372.19	0.40	ppb
Potassium	39-2	123875.69	121559.34	119967.27	121800.77	1.61	ppb
Rhodium	103-1				89		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	493.65	494.25	499.16	495.69	0.61	ppb
Selenium	77-2	477.73	457.75	495.48	476.98	3.96	ppb
Selenium	78-2	492.68	478.21	485.07	485.32	1.49	ppb
Silicon	28-1	475.80	500.25	509.44	495.16	3.51	ppb
Silver	107-1	500.70	506.11	519.03	508.62	1.85	ppb
Silver	109-1	490.06	505.40	492.46	495.97	1.66	ppb
Sodium	23-2	248418.63	248690.02	244468.90	247192.52	0.96	ppb
Strontium	86-1	4781.52	4733.67	4757.34	4757.51	0.50	ppb
Strontium	88-1	4615.77	4754.83	4749.06	4706.55	1.67	ppb
Sulfur	34-1	8867.24	8996.36	9222.37	9028.66	1.99	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	480.34	497.77	473.95	484.02	2.55	ppb
Thallium	205-1	482.87	481.78	479.69	481.44	0.34	ppb
Tin	118-1	470.45	466.11	479.52	472.03	1.45	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:41:43	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2359.09	2371.29	2346.67	2359.02	0.52	ppb
Uranium	238-1	472.58	489.77	477.02	479.79	1.86	ppb
Vanadium	51-2	475.38	483.93	471.04	476.78	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	4746.47	4604.07	4573.26	4641.27	1.99	ppb
Zirconium	90-1	471.60	483.40	475.19	476.73	1.27	ppb
Zirconium	91-1	481.43	472.28	478.57	477.43	0.98	ppb

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 15:58:20 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.27	0.37	0.34	17.83	ppb
Antimony	121-1	0.01	0.02	0.04	0.02	58.94	ppb
Arsenic	75-2	-0.04	-0.03	-0.03	-0.03		ppb
Barium	135-1	0.00	0.00	0.03	0.01	261.29	ppb
Barium	137-1	0.02	0.01	0.02	0.02	60.59	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	91.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	7.31	7.41	7.88	7.53	4.00	ppb
Boron	11-1	7.97	7.50	8.11	7.86	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.06	-0.05	-0.05		ppb
Cadmium	106-1	-1.98	-2.58	-2.68	-2.41		ppb
Cadmium	108-1	-0.01	-0.13	-0.07	-0.07		ppb
Calcium	43-1	0.66	0.09	1.50	0.75	94.26	ppb
Calcium	44-1	5.20	4.16	4.41	4.59	11.87	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	599.57	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.04	0.01	0.02	91.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	0.46	0.27	-0.15	0.19	159.19	ppb
Iron	56-2	0.12	0.31	0.00	0.14	112.83	ppb
Iron	57-2	0.33	0.26	0.09	0.23	52.57	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:58:20	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.04	0.06	23.11	ppb
Lead	207-1	0.06	0.06	0.08	0.06	18.52	ppb
Lead	208-1	0.05	0.05	0.05	0.05	7.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.37	1.29	0.79	0.81	56.89	ppb
Manganese	55-2	0.04	0.03	0.02	0.03	30.99	ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	19.10	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	46.29	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	121.45	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	27.03	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	124.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	6.03	3.09	-9.12	0.00		ppb
Potassium	39-2	2.38	6.58	7.33	5.43	49.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	-0.19	-0.05	-0.12	-0.12		ppb
Selenium	77-2	0.73	0.29	-0.15	0.29	151.39	ppb
Selenium	78-2	0.37	-0.39	-0.84	-0.29		ppb
Silicon	28-1	-0.12	1.11	-1.12	-0.04		ppb
Silver	107-1	0.22	0.21	0.23	0.22	4.45	ppb
Silver	109-1	0.22	0.20	0.23	0.22	5.17	ppb
Sodium	23-2	9.03	11.16	8.12	9.44	16.54	ppb
Strontium	86-1	0.02	0.02	0.07	0.03	84.01	ppb
Strontium	88-1	0.03	0.01	0.04	0.03	58.66	ppb
Sulfur	34-1	-465.44	-372.44	-450.41	-429.43		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.03	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:58:20	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.02	-0.05	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.07	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	119.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.14	0.10	-0.07	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	52.70	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	196.10	ppb

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : PB140083BL Instrumnet Name : P8
 Client Sample ID : PB140083BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 16:01:32 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.48	0.31	0.33	39.99	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	13.23	ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	106.71	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	171.08	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	6.12	6.32	5.85	6.09	3.88	ppb
Boron	11-1	6.70	7.03	6.04	6.59	7.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	0.54	-0.73	-0.98	-0.39		ppb
Cadmium	108-1	-0.09	-0.11	-0.20	-0.14		ppb
Calcium	43-1	-0.78	0.03	-0.09	-0.28		ppb
Calcium	44-1	2.89	2.64	3.25	2.93	10.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.02	0.00		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.01	0.04	0.06	0.04	75.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	54-2	0.06	-0.22	0.79	0.21	247.78	ppb
Iron	56-2	0.09	0.23	0.55	0.29	82.04	ppb
Iron	57-2	0.12	0.13	0.62	0.29	98.02	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BL	Instrumnet Name :	P8
Client Sample ID :	PB140083BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:01:32	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.03	0.05	48.52	ppb
Lead	207-1	0.04	0.05	0.03	0.04	14.70	ppb
Lead	208-1	0.04	0.05	0.04	0.04	16.44	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.57	0.89	1.42	0.96	44.34	ppb
Manganese	55-2	0.02	0.04	0.05	0.04	33.00	ppb
Molybdenum	94-1	0.02	0.02	0.00	0.01	80.22	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	760.38	ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	0.75	-8.93	4.15	-1.34		ppb
Potassium	39-2	6.80	0.34	-1.41	1.91	226.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.14	-0.09	-0.23	-0.06		ppb
Selenium	77-2	0.29	-0.15	-0.15	0.00		ppb
Selenium	78-2	0.42	-0.07	0.31	0.22	116.45	ppb
Silicon	28-1	0.28	-1.55	1.05	-0.08		ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.42	ppb
Silver	109-1	0.16	0.16	0.13	0.15	10.82	ppb
Sodium	23-2	9.41	8.60	9.09	9.03	4.50	ppb
Strontium	86-1	0.09	0.02	0.00	0.04	117.34	ppb
Strontium	88-1	-0.01	0.01	0.00	0.00		ppb
Sulfur	34-1	-305.68	-536.23	-400.61	-414.17		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.02	-0.01	-0.04	-0.02		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BL	Instrumnet Name :	P8
Client Sample ID :	PB140083BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:01:32	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.03	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	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				97		%
Yttrium	89-2				102		%
Zinc	66-2	0.10	-0.13	-0.03	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	62.05	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	65.61	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BS	Instrumnet Name :	P8
Client Sample ID :	PB140083BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:04:36	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9469.08	9397.19	9466.75	9444.34	0.43	ppb
Antimony	121-1	506.52	478.46	483.59	489.52	3.05	ppb
Arsenic	75-2	471.58	486.57	478.95	479.03	1.57	ppb
Barium	135-1	2413.29	2383.17	2391.26	2395.90	0.65	ppb
Barium	137-1	2384.19	2386.53	2384.88	2385.20	0.05	ppb
Beryllium	9-1	491.28	495.26	492.19	492.91	0.42	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	443.64	459.85	472.50	458.66	3.15	ppb
Boron	11-1	470.95	496.11	526.40	497.82	5.58	ppb
Bromine	81-1						cps
Cadmium	111-1	504.83	460.33	483.09	482.75	4.61	ppb
Cadmium	106-1	479.52	477.92	476.42	477.96	0.32	ppb
Cadmium	108-1	487.39	477.77	489.00	484.72	1.25	ppb
Calcium	43-1	49696.27	53034.49	49129.64	50620.13	4.17	ppb
Calcium	44-1	48215.51	51186.23	48960.18	49453.97	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.86	473.73	480.11	482.23	2.02	ppb
Cobalt	59-2	483.59	476.27	485.54	481.80	1.01	ppb
Copper	63-2	4837.23	4813.86	4782.97	4811.35	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	26858.26	26568.34	26184.13	26536.91	1.27	ppb
Iron	56-2	25535.65	26143.46	26117.74	25932.28	1.33	ppb
Iron	57-2	25827.51	26255.07	26403.99	26162.19	1.14	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BS	Instrumnet Name :	P8
Client Sample ID :	PB140083BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:04:36	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2385.98	2432.97	2339.39	2386.12	1.96	ppb
Lead	207-1	2298.02	2448.19	2297.51	2347.91	3.70	ppb
Lead	208-1	2330.43	2476.80	2350.15	2385.79	3.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	51946.50	51716.83	52020.82	51894.72	0.31	ppb
Manganese	55-2	4824.98	4906.53	4808.28	4846.60	1.08	ppb
Molybdenum	94-1	2352.19	2290.67	2362.84	2335.23	1.67	ppb
Molybdenum	95-1	2381.91	2360.89	2335.17	2359.32	0.99	ppb
Molybdenum	96-1	2379.54	2320.89	2326.23	2342.22	1.38	ppb
Molybdenum	97-1	2354.35	2271.48	2297.88	2307.90	1.83	ppb
Molybdenum	98-1	2379.55	2314.05	2275.00	2322.87	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.63	451.29	464.54	459.82	1.61	ppb
Phosphorus	31-2	9658.96	9545.87	9625.39	9610.07	0.60	ppb
Potassium	39-2	25409.44	25091.59	24950.44	25150.49	0.93	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	478.70	481.28	477.73	479.24	0.38	ppb
Selenium	77-2	457.06	486.81	479.22	474.36	3.26	ppb
Selenium	78-2	481.54	481.85	487.81	483.73	0.73	ppb
Silicon	28-1	505.33	510.56	551.71	522.53	4.86	ppb
Silver	107-1	497.91	486.32	490.04	491.42	1.20	ppb
Silver	109-1	497.41	487.59	479.35	488.11	1.85	ppb
Sodium	23-2	51100.39	50383.64	50486.16	50656.73	0.77	ppb
Strontium	86-1	4837.83	4812.87	4641.87	4764.19	2.24	ppb
Strontium	88-1	4674.26	4753.79	4702.43	4710.16	0.86	ppb
Sulfur	34-1	10054.38	9854.51	9551.07	9819.99	2.58	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	481.30	483.80	487.87	484.32	0.68	ppb
Thallium	205-1	471.38	493.11	469.66	478.05	2.73	ppb
Tin	118-1	492.46	479.78	479.57	483.94	1.53	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BS	Instrumnet Name :	P8
Client Sample ID :	PB140083BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:04:36	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2379.88	2403.05	2402.45	2395.13	0.55	ppb
Uranium	238-1	455.13	447.82	461.46	454.80	1.50	ppb
Vanadium	51-2	489.96	477.02	478.93	481.97	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	4812.96	4831.79	4818.69	4821.15	0.20	ppb
Zirconium	90-1	470.31	473.38	478.99	474.23	0.93	ppb
Zirconium	91-1	476.93	475.18	474.48	475.53	0.27	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:35:58	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48647.70	48799.23	48441.24	48629.39	0.37	ppb
Antimony	121-1	479.11	472.37	468.37	473.28	1.15	ppb
Arsenic	75-2	493.63	495.77	495.71	495.04	0.25	ppb
Barium	135-1	2365.53	2371.25	2299.69	2345.49	1.70	ppb
Barium	137-1	2390.38	2430.93	2290.64	2370.65	3.05	ppb
Beryllium	9-1	511.88	488.69	483.37	494.65	3.07	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Boron	10-1	537.38	518.43	533.11	529.64	1.88	ppb
Boron	11-1	523.12	530.89	534.47	529.49	1.10	ppb
Bromine	81-1						cps
Cadmium	111-1	480.58	465.56	466.91	471.02	1.76	ppb
Cadmium	106-1	488.48	482.89	482.28	484.55	0.71	ppb
Cadmium	108-1	484.22	483.76	490.45	486.15	0.77	ppb
Calcium	43-1	238861.93	238146.16	230911.17	235973.09	1.86	ppb
Calcium	44-1	237498.60	242428.12	225273.39	235066.70	3.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.11	461.77	468.49	468.79	1.53	ppb
Cobalt	59-2	451.82	468.45	464.95	461.74	1.90	ppb
Copper	63-2	4717.58	4738.80	4784.32	4746.90	0.72	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				109		%
Indium	115-1				99		%
Indium	115-2				107		%
Iron	54-2	119266.51	119586.07	119547.07	119466.55	0.15	ppb
Iron	56-2	118475.46	121478.49	120462.37	120138.78	1.27	ppb
Iron	57-2	117200.52	119942.66	117800.73	118314.64	1.22	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:35:58	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2330.92	2354.23	2242.87	2309.34	2.54	ppb
Lead	207-1	2331.12	2362.83	2214.28	2302.74	3.40	ppb
Lead	208-1	2361.51	2376.36	2260.44	2332.77	2.70	ppb
Lithium	6-1				100		%
Magnesium	24-2	247258.06	252644.15	247218.72	249040.31	1.25	ppb
Manganese	55-2	5238.01	5401.88	5377.79	5339.22	1.66	ppb
Molybdenum	94-1	2278.99	2298.44	2331.86	2303.10	1.16	ppb
Molybdenum	95-1	2289.35	2278.40	2300.22	2289.32	0.48	ppb
Molybdenum	96-1	2255.47	2264.91	2301.38	2273.92	1.07	ppb
Molybdenum	97-1	2228.24	2230.21	2269.30	2242.58	1.03	ppb
Molybdenum	98-1	2288.89	2285.35	2206.41	2260.22	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.91	468.50	470.22	468.21	0.46	ppb
Phosphorus	31-2	9424.56	9509.60	9400.98	9445.05	0.60	ppb
Potassium	39-2	123499.64	123515.40	123508.13	123507.73	0.01	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	488.58	489.14	490.32	489.35	0.18	ppb
Selenium	77-2	507.75	526.68	497.22	510.55	2.92	ppb
Selenium	78-2	485.61	487.31	487.09	486.67	0.19	ppb
Silicon	28-1	472.24	493.64	477.11	481.00	2.33	ppb
Silver	107-1	520.92	512.95	525.71	519.86	1.24	ppb
Silver	109-1	506.46	494.09	488.92	496.49	1.82	ppb
Sodium	23-2	242351.56	244412.43	244022.36	243595.45	0.45	ppb
Strontium	86-1	4584.32	4653.78	4648.45	4628.85	0.84	ppb
Strontium	88-1	4596.42	4597.38	4718.99	4637.60	1.52	ppb
Sulfur	34-1	9138.82	8991.09	7830.10	8653.34	8.28	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	480.07	477.60	459.22	472.30	2.41	ppb
Thallium	205-1	465.25	480.78	452.54	466.19	3.03	ppb
Tin	118-1	477.48	463.55	474.60	471.87	1.56	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:35:58	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2396.05	2362.51	2254.74	2337.77	3.16	ppb
Uranium	238-1	457.80	477.74	472.92	469.49	2.22	ppb
Vanadium	51-2	467.21	469.71	475.70	470.87	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				112		%
Zinc	66-2	4691.61	4786.62	4830.76	4769.67	1.49	ppb
Zirconium	90-1	461.56	464.14	473.01	466.24	1.29	ppb
Zirconium	91-1	470.26	472.41	466.31	469.66	0.66	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:42:31	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	0.71	0.48	0.64	22.65	ppb
Antimony	121-1	0.10	0.11	0.14	0.12	19.09	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	244.51	ppb
Barium	135-1	0.06	0.04	0.01	0.04	60.93	ppb
Barium	137-1	0.04	0.03	0.03	0.03	23.17	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	28.38	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	23.07	22.57	21.83	22.49	2.78	ppb
Boron	11-1	24.36	23.60	23.62	23.86	1.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-1.55	-1.66	-2.15	-1.79		ppb
Cadmium	108-1	0.03	0.06	-0.03	0.02	218.14	ppb
Calcium	43-1	4.13	2.40	3.41	3.31	26.21	ppb
Calcium	44-1	11.31	9.75	11.14	10.73	7.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.01	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	155.29	ppb
Copper	63-2	0.09	0.10	0.05	0.08	32.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	54-2	1.79	2.01	1.33	1.71	20.37	ppb
Iron	56-2	1.50	1.92	0.97	1.46	32.49	ppb
Iron	57-2	2.07	1.57	1.35	1.67	22.03	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:42:31	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.23	0.22	0.22	3.05	ppb
Lead	207-1	0.24	0.20	0.22	0.22	7.48	ppb
Lead	208-1	0.22	0.21	0.20	0.21	5.02	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.32	3.71	2.16	3.06	26.34	ppb
Manganese	55-2	0.06	0.08	0.07	0.07	14.68	ppb
Molybdenum	94-1	0.13	0.12	0.11	0.12	7.32	ppb
Molybdenum	95-1	0.11	0.09	0.07	0.09	23.50	ppb
Molybdenum	96-1	0.08	0.06	0.05	0.06	23.46	ppb
Molybdenum	97-1	0.10	0.07	0.03	0.07	45.40	ppb
Molybdenum	98-1	0.09	0.07	0.07	0.08	16.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-9.72	-5.59	10.54	-1.59		ppb
Potassium	39-2	16.22	17.55	15.72	16.50	5.75	ppb
Rhodium	103-1				98		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.05	0.22	0.26	0.18	62.11	ppb
Selenium	77-2	1.47	0.25	0.25	0.66	106.78	ppb
Selenium	78-2	0.10	0.08	0.39	0.19	91.19	ppb
Silicon	28-1	-0.01	-0.18	2.25	0.69	197.43	ppb
Silver	107-1	0.10	0.11	0.10	0.10	4.54	ppb
Silver	109-1	0.11	0.12	0.09	0.11	15.10	ppb
Sodium	23-2	28.75	30.33	27.44	28.84	5.01	ppb
Strontium	86-1	0.15	0.15	0.11	0.14	16.21	ppb
Strontium	88-1	0.11	0.07	0.05	0.08	41.06	ppb
Sulfur	34-1	-939.85	-906.57	-686.24	-844.22		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.07	0.07	0.07	10.30	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	15.99	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:42:31	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.01	0.03	0.05	97.54	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	34.74	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	129.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				109		%
Zinc	66-2	0.26	0.24	0.15	0.22	27.44	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	27.44	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	25.43	ppb

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:28:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	115	124	129	13.06	cps
Antimony	121-1	108	133	175	139	24.25	cps
Arsenic	75-2	23	18	21	21	12.18	cps
Barium	135-1	25	42	67	44	47.19	cps
Barium	137-1	75	67	75	72	6.66	cps
Beryllium	9-1	78	126	78	94	29.48	cps
Bismuth	209-1	6985205	7105814	6838366	6976462	1.92	cps
Bismuth	209-2	4268599	4263120	4241851	4257857	0.33	cps
Boron	10-1	670	700	650	673	3.74	cps
Boron	11-1	3294	3404	3340	3346	1.65	cps
Bromine	81-1	29632	28709	29130	29157	1.58	cps
Cadmium	111-1	1628	1606	1469	1568	5.51	cps
Cadmium	106-1	7936	7894	7444	7758	3.52	cps
Cadmium	108-1	96	75	100	90	14.84	cps
Calcium	43-1	410	483	416	436	9.37	cps
Calcium	44-1	39433	38841	39240	39171	0.77	cps
Carbon	12-1	6265282	6302211	6404524	6324006	1.14	cps
Carbon	12-2	65229	63530	65773	64844	1.80	cps
Chlorine	35-1	1097335	1066042	1031842	1065073	3.08	cps
Chlorine	35-2	6560	6118	6176	6285	3.82	cps
Chromium	52-2	1067	1080	1077	1074	0.65	cps
Cobalt	59-2	130	137	130	132	2.91	cps
Copper	63-2	1083	974	1050	1036	5.43	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	75	92	42	69	36.66	cps
Erbium	164-2	43	50	33	42	19.87	cps
Gadolinium	160-1	100	100	75	92	15.75	cps
Gadolinium	160-2	77	87	97	87	11.54	cps
Holmium	165-1	12709075	12827424	12548058	12694852	1.10	cps
Holmium	165-2	6194916	6051188	6157825	6134643	1.22	cps
Indium	115-1	12473112	12310644	11997569	12260442	1.97	cps
Indium	115-2	1927812	1931211	1956257	1938427	0.80	cps
Iron	54-2	800	889	650	780	15.49	cps
Iron	56-2	5679	5879	5940	5833	2.34	cps
Iron	57-2	178	222	306	235	27.58	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:28:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	1020	847	952	9.73	cps
Lead	206-1	1339	1195	1328	1287	6.25	cps
Lead	207-1	1122	1145	1045	1104	4.76	cps
Lead	208-1	5495	4867	5395	5252	6.42	cps
Lithium	6-1	4868625	4863764	4790239	4840876	0.91	cps
Magnesium	24-2	433	400	442	425	5.19	cps
Manganese	55-2	93	107	97	99	7.02	cps
Molybdenum	94-1	475	442	500	472	6.20	cps
Molybdenum	95-1	183	200	117	167	26.46	cps
Molybdenum	96-1	392	525	375	431	19.10	cps
Molybdenum	97-1	108	150	83	114	29.57	cps
Molybdenum	98-1	300	292	292	294	1.63	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	357	347	333	346	3.39	cps
Phosphorus	31-2	167	125	100	131	25.80	cps
Potassium	39-2	22827	22426	22242	22499	1.33	cps
Rhodium	103-1	12434277	12703747	12131653	12423225	2.30	cps
Rhodium	103-2	5776678	5639526	5889134	5768446	2.17	cps
Scandium	45-1	10158632	10099238	9897025	10051632	1.36	cps
Scandium	45-2	315772	315025	311821	314206	0.67	cps
Selenium	82-1	-34	-46	88	3	2787.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	91	61	75	76	19.84	cps
Silicon	28-1	634653	631000	626555	630736	0.64	cps
Silver	107-1	308	375	475	386	21.73	cps
Silver	109-1	317	242	200	253	23.39	cps
Sodium	23-2	21158	21558	21616	21444	1.16	cps
Strontium	86-1	1483	1458	1650	1531	6.81	cps
Strontium	88-1	925	975	958	953	2.67	cps
Sulfur	34-1	555788	554648	557381	555939	0.25	cps
Terbium	159-1	13210445	13226184	13113109	13183246	0.46	cps
Terbium	159-2	6123141	6246008	6242487	6203879	1.13	cps
Thallium	203-1	858	883	950	897	5.28	cps
Thallium	205-1	2100	1992	1925	2006	4.40	cps
Tin	118-1	2084	1867	1784	1911	8.10	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:28:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	317	392	325	19.36	cps
Uranium	238-1	42	50	67	53	24.12	cps
Vanadium	51-2	23	27	33	28	18.33	cps
Ytterbium	172-1	25	50	58	44	39.03	cps
Ytterbium	172-2	33	28	11	24	48.04	cps
Ytterbium	176-1	1533	1617	1834	1661	9.32	cps
Ytterbium	176-2	6413	6807	6568	6596	3.01	cps
Yttrium	89-1	29894755	29827635	29786880	29836423	0.18	cps
Yttrium	89-2	3133045	3103032	3181536	3139205	1.26	cps
Zinc	66-2	817	783	770	790	3.04	cps
Zirconium	90-1	1208	1250	1258	1239	2.16	cps
Zirconium	91-1	275	250	217	247	11.84	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:31:11	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	336	351	354	5.52	cps
Antimony	121-1	2334	2117	2475	2309	7.82	cps
Arsenic	75-2	57	54	55	55	2.76	cps
Barium	135-1	3042	3142	2934	3039	3.43	cps
Barium	137-1	4951	5235	5176	5121	2.92	cps
Beryllium	9-1	468	442	458	456	2.88	cps
Bismuth	209-1	6704446	6977699	7260784	6980976	3.98	cps
Bismuth	209-2	4422940	4396980	4242896	4354272	2.24	cps
Boron	10-1	1344	1416	1378	1379	2.61	cps
Boron	11-1	6502	6796	7086	6795	4.30	cps
Bromine	81-1	30154	28639	29070	29288	2.66	cps
Cadmium	111-1	1789	1867	1811	1823	2.20	cps
Cadmium	106-1	7686	7761	7686	7711	0.56	cps
Cadmium	108-1	104	133	150	129	17.96	cps
Calcium	43-1	2925	3039	2944	2969	2.05	cps
Calcium	44-1	78783	79029	78547	78786	0.31	cps
Carbon	12-1	6446603	6344591	6339491	6376895	0.95	cps
Carbon	12-2	63454	64040	64074	63856	0.55	cps
Chlorine	35-1	1005879	1006678	974682	995746	1.83	cps
Chlorine	35-2	5768	5660	5376	5601	3.61	cps
Chromium	52-2	1787	1920	1857	1855	3.60	cps
Cobalt	59-2	1027	927	910	954	6.61	cps
Copper	63-2	2448	2300	2279	2342	3.94	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	42	33	108	61	67.27	cps
Erbium	164-2	53	47	20	40	44.09	cps
Gadolinium	160-1	117	100	83	100	16.66	cps
Gadolinium	160-2	77	73	63	71	9.76	cps
Holmium	165-1	11773411	12847049	12897822	12506094	5.08	cps
Holmium	165-2	6367791	6248890	6271333	6296005	1.00	cps
Indium	115-1	12381921	12255470	12813714	12483701	2.34	cps
Indium	115-2	2005309	1959454	1934146	1966303	1.83	cps
Iron	54-2	1606	1778	1828	1737	6.71	cps
Iron	56-2	23514	22730	22240	22828	2.82	cps
Iron	57-2	706	656	650	670	4.56	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:31:11	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	1000	957	956	4.71	cps
Lead	206-1	2117	1806	1972	1965	7.92	cps
Lead	207-1	1911	1800	1728	1813	5.09	cps
Lead	208-1	8546	7595	7868	8003	6.11	cps
Lithium	6-1	5068384	5069918	5064503	5067602	0.06	cps
Magnesium	24-2	15659	16168	15350	15726	2.63	cps
Manganese	55-2	363	340	343	349	3.62	cps
Molybdenum	94-1	3384	3234	3300	3306	2.27	cps
Molybdenum	95-1	3509	3776	3626	3637	3.68	cps
Molybdenum	96-1	3984	4634	4701	4440	8.92	cps
Molybdenum	97-1	2317	2359	2184	2286	4.00	cps
Molybdenum	98-1	5851	5860	6002	5904	1.43	cps
Neodymium	150-1	47	47	27	40	28.87	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	647	560	563	590	8.32	cps
Phosphorus	31-2	200	167	92	153	36.32	cps
Potassium	39-2	33623	32780	33206	33203	1.27	cps
Rhodium	103-1	12348184	12605913	12739913	12564670	1.58	cps
Rhodium	103-2	5928708	6003287	5716224	5882739	2.53	cps
Scandium	45-1	10001065	10546973	10313169	10287069	2.66	cps
Scandium	45-2	315070	317312	311064	314482	1.01	cps
Selenium	82-1	189	61	147	132	49.57	cps
Selenium	77-2	3	17	10	10	66.70	cps
Selenium	78-2	81	80	87	83	4.58	cps
Silicon	28-1	654174	663102	661084	659453	0.71	cps
Silver	107-1	1917	1867	1733	1839	5.15	cps
Silver	109-1	1433	1567	1575	1525	5.21	cps
Sodium	23-2	50889	52236	50689	51271	1.64	cps
Strontium	86-1	2117	2300	2142	2186	4.55	cps
Strontium	88-1	4801	5109	4959	4957	3.11	cps
Sulfur	34-1	561554	558247	552036	557279	0.87	cps
Terbium	159-1	13217644	12973199	13563756	13251533	2.24	cps
Terbium	159-2	6330664	6061224	6058067	6149985	2.54	cps
Thallium	203-1	1859	1775	1483	1706	11.55	cps
Thallium	205-1	4184	3876	3726	3929	5.95	cps
Tin	118-1	7619	6844	7536	7333	5.81	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:31:11	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1275	1475	1633	1461	12.29	cps
Uranium	238-1	2550	2642	2442	2545	3.93	cps
Vanadium	51-2	1740	1780	1613	1711	5.09	cps
Ytterbium	172-1	50	8	67	42	72.12	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	1775	1617	1575	1656	6.37	cps
Ytterbium	176-2	6174	6785	6635	6531	4.88	cps
Yttrium	89-1	29722502	30149451	30566087	30146013	1.40	cps
Yttrium	89-2	3240015	3197500	3121942	3186486	1.88	cps
Zinc	66-2	887	913	923	908	2.09	cps
Zirconium	90-1	3767	3867	3484	3706	5.37	cps
Zirconium	91-1	825	692	917	811	13.95	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:37:20	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2326	2280	2329	2312	1.19	cps
Antimony	121-1	23546	24640	23412	23866	2.82	cps
Arsenic	75-2	426	429	427	427	0.36	cps
Barium	135-1	30710	30285	31003	30666	1.18	cps
Barium	137-1	53114	52753	53013	52960	0.35	cps
Beryllium	9-1	3664	3442	3442	3516	3.65	cps
Bismuth	209-1	6798476	7055858	6701749	6852028	2.67	cps
Bismuth	209-2	4253638	4184018	4247922	4228526	0.91	cps
Boron	10-1	8923	9447	9759	9377	4.51	cps
Boron	11-1	42144	45481	48466	45364	6.97	cps
Bromine	81-1	29441	29421	29993	29619	1.10	cps
Cadmium	111-1	4544	4617	4472	4545	1.60	cps
Cadmium	106-1	8261	7902	8103	8089	2.22	cps
Cadmium	108-1	375	329	379	361	7.68	cps
Calcium	43-1	25320	25231	25548	25366	0.65	cps
Calcium	44-1	448631	443562	444945	445712	0.59	cps
Carbon	12-1	6220047	6189462	6203266	6204258	0.25	cps
Carbon	12-2	62467	62165	61537	62057	0.76	cps
Chlorine	35-1	868266	856677	817096	847346	3.17	cps
Chlorine	35-2	5551	5059	5309	5307	4.64	cps
Chromium	52-2	10230	10087	9807	10041	2.15	cps
Cobalt	59-2	8369	7939	7856	8055	3.42	cps
Copper	63-2	12897	12639	12371	12636	2.08	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	108	108	83	100	14.43	cps
Erbium	164-2	47	53	57	52	9.75	cps
Gadolinium	160-1	133	133	75	114	29.57	cps
Gadolinium	160-2	80	133	123	112	25.26	cps
Holmium	165-1	12477660	12609213	12382283	12489718	0.91	cps
Holmium	165-2	6090662	6180693	6305468	6192274	1.74	cps
Indium	115-1	12504391	12425011	11993676	12307693	2.23	cps
Indium	115-2	1918797	1924002	1910420	1917740	0.36	cps
Iron	54-2	11116	10615	10888	10873	2.30	cps
Iron	56-2	185147	182432	183696	183758	0.74	cps
Iron	57-2	5101	4634	4773	4836	4.96	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:37:20	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	850	1080	920	950	12.41	cps
Lead	206-1	8820	9131	8670	8874	2.65	cps
Lead	207-1	7625	7380	7224	7410	2.72	cps
Lead	208-1	34652	34791	33262	34235	2.47	cps
Lithium	6-1	4937893	5127000	4815050	4959981	3.17	cps
Magnesium	24-2	160411	159948	161758	160706	0.59	cps
Manganese	55-2	2254	2377	2337	2322	2.71	cps
Molybdenum	94-1	28738	30259	30342	29780	3.03	cps
Molybdenum	95-1	37677	37042	36549	37089	1.52	cps
Molybdenum	96-1	42023	41237	40418	41226	1.95	cps
Molybdenum	97-1	22385	23612	22419	22805	3.06	cps
Molybdenum	98-1	58122	59437	58666	58742	1.12	cps
Neodymium	150-1	33	27	60	40	44.09	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	2540	2614	2774	2642	4.52	cps
Phosphorus	31-2	133	183	133	150	19.24	cps
Potassium	39-2	142617	140807	142651	142025	0.74	cps
Rhodium	103-1	12193389	12362664	12252884	12269646	0.70	cps
Rhodium	103-2	5848807	5861147	5686889	5798948	1.68	cps
Scandium	45-1	10217578	10109034	9991339	10105984	1.12	cps
Scandium	45-2	315455	307267	312219	311647	1.32	cps
Selenium	82-1	1371	1159	1347	1292	9.00	cps
Selenium	77-2	47	37	53	46	18.41	cps
Selenium	78-2	220	220	214	218	1.59	cps
Silicon	28-1	759908	769190	761989	763696	0.64	cps
Silver	107-1	16952	16786	16761	16833	0.62	cps
Silver	109-1	15017	17253	15543	15937	7.34	cps
Sodium	23-2	334620	332411	334504	333845	0.37	cps
Strontium	86-1	7060	7035	7144	7080	0.80	cps
Strontium	88-1	46478	46361	47014	46618	0.75	cps
Sulfur	34-1	565862	558303	563367	562510	0.68	cps
Terbium	159-1	12929845	13549214	12974832	13151297	2.63	cps
Terbium	159-2	6344314	6189694	6212997	6249001	1.33	cps
Thallium	203-1	10046	9954	9570	9857	2.56	cps
Thallium	205-1	23130	23364	22787	23093	1.25	cps
Tin	118-1	55555	54978	54292	54942	1.15	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:37:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12714	12714	13131	12853	1.87	cps
Uranium	238-1	24307	25017	25126	24817	1.79	cps
Vanadium	51-2	17581	17477	17684	17581	0.59	cps
Ytterbium	172-1	42	50	17	36	48.03	cps
Ytterbium	172-2	6	28	28	20	62.97	cps
Ytterbium	176-1	1400	1617	1317	1445	10.72	cps
Ytterbium	176-2	5835	6290	6630	6252	6.38	cps
Yttrium	89-1	29403139	29705155	29472871	29527055	0.54	cps
Yttrium	89-2	3240365	3181237	3188145	3203249	1.01	cps
Zinc	66-2	2474	2527	2340	2447	3.93	cps
Zirconium	90-1	26117	26225	25766	26036	0.92	cps
Zirconium	91-1	5610	5643	5610	5621	0.34	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:40:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107422	107720	106341	107161	0.68	cps
Antimony	121-1	601667	610276	613721	608555	1.02	cps
Arsenic	75-2	20278	20174	19951	20134	0.83	cps
Barium	135-1	769441	759836	775619	768299	1.04	cps
Barium	137-1	1330499	1311268	1325008	1322258	0.75	cps
Beryllium	9-1	172858	172292	170921	172023	0.58	cps
Bismuth	209-1	6952956	6913280	6822496	6896244	0.97	cps
Bismuth	209-2	4284053	4417815	4338792	4346887	1.55	cps
Boron	10-1	17663	18716	20296	18892	7.01	cps
Boron	11-1	85149	92839	95508	91166	5.90	cps
Bromine	81-1	29481	29682	29662	29608	0.37	cps
Cadmium	111-1	158623	157938	161398	159320	1.15	cps
Cadmium	106-1	25666	26167	25950	25928	0.97	cps
Cadmium	108-1	12881	12602	12902	12795	1.31	cps
Calcium	43-1	258620	257784	260607	259004	0.56	cps
Calcium	44-1	4176590	4252292	4355196	4261359	2.10	cps
Carbon	12-1	6816501	6752403	6924028	6830977	1.27	cps
Carbon	12-2	70377	71340	70544	70754	0.73	cps
Chlorine	35-1	904730	878357	867789	883625	2.15	cps
Chlorine	35-2	5560	5051	5184	5265	5.01	cps
Chromium	52-2	224658	220093	225158	223303	1.25	cps
Cobalt	59-2	407647	401903	399416	402989	1.05	cps
Copper	63-2	3257434	3198122	3203002	3219519	1.02	cps
Dysprosium	156-1	42	75	8	42	80.00	cps
Dysprosium	156-2	13	33	17	21	50.75	cps
Erbium	164-1	108	100	92	100	8.33	cps
Erbium	164-2	33	47	43	41	16.89	cps
Gadolinium	160-1	117	117	133	122	7.87	cps
Gadolinium	160-2	77	93	107	92	16.30	cps
Holmium	165-1	12371430	12229568	12394565	12331854	0.72	cps
Holmium	165-2	6423521	6309846	6451080	6394816	1.17	cps
Indium	115-1	12193023	11889084	12130984	12071030	1.33	cps
Indium	115-2	2006256	1934757	1986821	1975945	1.87	cps
Iron	54-2	484881	496360	479738	486993	1.75	cps
Iron	56-2	9051745	8917947	8792018	8920570	1.46	cps
Iron	57-2	216999	216200	217862	217020	0.38	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:40:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	980	920	961	3.71	cps
Lead	206-1	1891109	2007794	1973929	1957610	3.07	cps
Lead	207-1	1667851	1720952	1619819	1669541	3.03	cps
Lead	208-1	7791916	7903427	7689974	7795106	1.37	cps
Lithium	6-1	4789060	5090942	4931560	4937187	3.06	cps
Magnesium	24-2	1713846	1712892	1698860	1708533	0.49	cps
Manganese	55-2	1115184	1119643	1099022	1111283	0.98	cps
Molybdenum	94-1	1585879	1566355	1561769	1571334	0.81	cps
Molybdenum	95-1	1903806	1878156	1897592	1893185	0.71	cps
Molybdenum	96-1	2121066	2106826	2171466	2133120	1.59	cps
Molybdenum	97-1	1110395	1152518	1151838	1138250	2.12	cps
Molybdenum	98-1	2929152	2976699	2994291	2966714	1.14	cps
Neodymium	150-1	33	80	27	47	62.27	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	111933	112454	111036	111808	0.64	cps
Phosphorus	31-2	5876	6135	6235	6082	3.04	cps
Potassium	39-2	662157	656956	648563	655892	1.05	cps
Rhodium	103-1	11869628	12190805	11956884	12005773	1.38	cps
Rhodium	103-2	5923089	5762974	5843697	5843253	1.37	cps
Scandium	45-1	9878668	9916337	10236778	10010594	1.97	cps
Scandium	45-2	310756	311415	311521	311231	0.13	cps
Selenium	82-1	12866	13225	13279	13123	1.71	cps
Selenium	77-2	497	347	393	412	18.62	cps
Selenium	78-2	1429	1454	1451	1445	0.94	cps
Silicon	28-1	1252424	1320662	1305700	1292929	2.77	cps
Silver	107-1	868449	867640	881739	872609	0.91	cps
Silver	109-1	831489	832380	839381	834416	0.52	cps
Sodium	23-2	3260485	3269948	3239219	3256551	0.48	cps
Strontium	86-1	2607698	2577881	2592455	2592678	0.58	cps
Strontium	88-1	21798011	21693749	21561515	21684425	0.55	cps
Sulfur	34-1	666321	662962	664451	664578	0.25	cps
Terbium	159-1	13145385	13053563	13393166	13197371	1.33	cps
Terbium	159-2	6450247	6203051	6249950	6301083	2.08	cps
Thallium	203-1	464836	454039	446068	454981	2.07	cps
Thallium	205-1	1070176	1069635	1065204	1068338	0.26	cps
Tin	118-1	547347	547779	543861	546329	0.39	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:40:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	618864	637766	623836	626822	1.56	cps
Uranium	238-1	1315201	1299361	1299151	1304571	0.71	cps
Vanadium	51-2	180294	179464	178722	179493	0.44	cps
Ytterbium	172-1	33	50	33	39	24.75	cps
Ytterbium	172-2	6	28	11	15	78.05	cps
Ytterbium	176-1	3626	3417	3834	3626	5.75	cps
Ytterbium	176-2	7374	7569	7702	7549	2.19	cps
Yttrium	89-1	29605024	29676005	29925823	29735617	0.57	cps
Yttrium	89-2	3246990	3134344	3184816	3188716	1.77	cps
Zinc	66-2	339750	336346	334905	337000	0.74	cps
Zirconium	90-1	1333974	1366409	1342660	1347681	1.25	cps
Zirconium	91-1	296994	293766	288785	293182	1.41	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 13:52:41 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	259107	257695	258435	258412	0.27	cps
Antimony	121-1	1627827	1609336	1623613	1620259	0.60	cps
Arsenic	75-2	49111	48895	48824	48943	0.31	cps
Barium	135-1	2070293	2057924	2058834	2062350	0.33	cps
Barium	137-1	3493843	3513646	3523687	3510392	0.43	cps
Beryllium	9-1	430186	425303	426816	427435	0.58	cps
Bismuth	209-1	7168944	7321587	7566735	7352422	2.73	cps
Bismuth	209-2	4196436	4355054	4319751	4290413	1.94	cps
Boron	10-1	61365	62211	62639	62072	1.04	cps
Boron	11-1	298456	303174	300819	300816	0.78	cps
Bromine	81-1	29441	28548	28448	28813	1.90	cps
Cadmium	111-1	411760	416484	408809	412351	0.94	cps
Cadmium	106-1	55990	55312	55195	55499	0.77	cps
Cadmium	108-1	32572	31808	32538	32306	1.34	cps
Calcium	43-1	656869	653586	657417	655958	0.32	cps
Calcium	44-1	10840137	10680043	10908853	10809678	1.09	cps
Carbon	12-1	7018004	7300718	7198194	7172305	2.00	cps
Carbon	12-2	73359	72915	74046	73440	0.78	cps
Chlorine	35-1	839514	824916	817338	827256	1.36	cps
Chlorine	35-2	5001	4951	4934	4962	0.70	cps
Chromium	52-2	541766	535991	546755	541504	0.99	cps
Cobalt	59-2	1000362	986427	982920	989903	0.93	cps
Copper	63-2	7818115	7821258	7603367	7747580	1.61	cps
Dysprosium	156-1	125	108	125	119	8.05	cps
Dysprosium	156-2	57	53	37	49	21.91	cps
Erbium	164-1	75	142	100	106	31.91	cps
Erbium	164-2	60	33	40	44	31.23	cps
Gadolinium	160-1	167	175	133	158	13.92	cps
Gadolinium	160-2	107	130	117	118	9.94	cps
Holmium	165-1	13093622	12933473	13432479	13153192	1.94	cps
Holmium	165-2	6220536	6337147	6279553	6279079	0.93	cps
Indium	115-1	12577133	12373274	12903596	12618001	2.12	cps
Indium	115-2	1904742	1907272	1889357	1900457	0.51	cps
Iron	54-2	1185719	1185963	1190190	1187291	0.21	cps
Iron	56-2	22520968	21958930	21801330	22093742	1.71	cps
Iron	57-2	546192	534866	533316	538125	1.31	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:52:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	1057	947	997	5.59	cps
Lead	206-1	5203403	5321200	5150127	5224910	1.68	cps
Lead	207-1	4478871	4639062	4511644	4543192	1.86	cps
Lead	208-1	20453470	21053589	20696525	20734528	1.46	cps
Lithium	6-1	4868271	4885110	4878902	4877428	0.17	cps
Magnesium	24-2	4047941	4034210	4043925	4042025	0.17	cps
Manganese	55-2	2791751	2730310	2815750	2779270	1.59	cps
Molybdenum	94-1	3855685	3944274	4005382	3935114	1.91	cps
Molybdenum	95-1	4701171	4781015	4934195	4805460	2.46	cps
Molybdenum	96-1	5324163	5391475	5325297	5346979	0.72	cps
Molybdenum	97-1	2992290	2945521	2956629	2964814	0.82	cps
Molybdenum	98-1	7611270	7567330	7589536	7589379	0.29	cps
Neodymium	150-1	113	80	120	104	20.52	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	267853	270284	267446	268528	0.57	cps
Phosphorus	31-2	14724	14366	14207	14433	1.84	cps
Potassium	39-2	1603057	1532598	1597384	1577679	2.48	cps
Rhodium	103-1	12335604	12111782	12641137	12362841	2.15	cps
Rhodium	103-2	5518722	5739765	5719777	5659421	2.16	cps
Scandium	45-1	10313898	10182323	10743922	10413381	2.82	cps
Scandium	45-2	292279	295512	303647	297146	1.97	cps
Selenium	82-1	33028	32883	32847	32919	0.29	cps
Selenium	77-2	933	1000	907	947	5.08	cps
Selenium	78-2	3333	3371	3304	3336	1.01	cps
Silicon	28-1	2103103	2197161	2269939	2190068	3.82	cps
Silver	107-1	2262140	2279091	2273342	2271525	0.38	cps
Silver	109-1	2193401	2142260	2187428	2174363	1.29	cps
Sodium	23-2	7666725	7571542	7848970	7695746	1.83	cps
Strontium	86-1	6540730	6368664	6369089	6426161	1.54	cps
Strontium	88-1	55528210	54151302	54120928	54600147	1.47	cps
Sulfur	34-1	731155	733704	734588	733149	0.24	cps
Terbium	159-1	13833730	13809179	14317088	13986666	2.05	cps
Terbium	159-2	6113871	6229329	6324751	6222650	1.70	cps
Thallium	203-1	1231940	1235338	1216696	1227991	0.81	cps
Thallium	205-1	3064081	3028636	2943761	3012160	2.05	cps
Tin	118-1	1406049	1416084	1430994	1417709	0.89	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:52:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1604324	1579855	1622031	1602070	1.32	cps
Uranium	238-1	3723271	3646927	3745663	3705287	1.40	cps
Vanadium	51-2	433024	430982	429749	431252	0.38	cps
Ytterbium	172-1	0	58	42	33	90.14	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	6510	6760	6844	6705	2.59	cps
Ytterbium	176-2	8664	9331	9365	9120	4.33	cps
Yttrium	89-1	30116097	30319776	31093233	30509702	1.69	cps
Yttrium	89-2	3059219	3098821	3122991	3093677	1.04	cps
Zinc	66-2	835592	816890	808864	820449	1.67	cps
Zirconium	90-1	3452652	3422022	3436118	3436931	0.45	cps
Zirconium	91-1	749662	759804	760161	756543	0.79	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:55:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525415	517482	524437	522445	0.83	cps
Antimony	121-1	3173288	3221188	3336555	3243677	2.59	cps
Arsenic	75-2	100096	97846	97946	98630	1.29	cps
Barium	135-1	3981775	4112494	4297945	4130738	3.85	cps
Barium	137-1	6869482	7004550	7298267	7057433	3.11	cps
Beryllium	9-1	856053	857711	869978	861247	0.88	cps
Bismuth	209-1	7111443	7102883	6826072	7013466	2.31	cps
Bismuth	209-2	4311925	4398675	4500938	4403846	2.15	cps
Boron	10-1	95832	101386	102114	99777	3.44	cps
Boron	11-1	473772	493742	507966	491826	3.49	cps
Bromine	81-1	28478	29401	29822	29234	2.35	cps
Cadmium	111-1	796497	826231	826027	816251	2.10	cps
Cadmium	106-1	98410	99930	100802	99714	1.21	cps
Cadmium	108-1	63240	64462	66765	64822	2.76	cps
Calcium	43-1	1352049	1386990	1386373	1375138	1.45	cps
Calcium	44-1	21641602	21314002	21645878	21533828	0.88	cps
Carbon	12-1	7270272	7327879	7402112	7333421	0.90	cps
Carbon	12-2	75679	75218	74782	75226	0.60	cps
Chlorine	35-1	811805	809765	800392	807321	0.75	cps
Chlorine	35-2	5101	5001	4551	4884	6.00	cps
Chromium	52-2	1106876	1086211	1094498	1095862	0.95	cps
Cobalt	59-2	2049219	2047402	2072427	2056349	0.68	cps
Copper	63-2	15822054	15872230	15386392	15693559	1.70	cps
Dysprosium	156-1	242	183	200	208	14.42	cps
Dysprosium	156-2	57	47	60	54	12.74	cps
Erbium	164-1	100	108	142	117	18.90	cps
Erbium	164-2	47	67	43	52	24.17	cps
Gadolinium	160-1	200	142	167	169	17.27	cps
Gadolinium	160-2	143	107	143	131	16.15	cps
Holmium	165-1	12804561	12816716	12148733	12590003	3.04	cps
Holmium	165-2	6580695	6461147	6741158	6594333	2.13	cps
Indium	115-1	12181591	12218580	11912478	12104216	1.38	cps
Indium	115-2	1884376	1955358	1970452	1936729	2.37	cps
Iron	54-2	2488848	2470680	2485439	2481656	0.39	cps
Iron	56-2	43396876	44208245	44291447	43965523	1.12	cps
Iron	57-2	1068745	1073366	1076390	1072834	0.36	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:55:46	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	957	867	946	7.82	cps
Lead	206-1	10105136	9973448	10516833	10198473	2.78	cps
Lead	207-1	8703219	8795212	8988373	8828935	1.65	cps
Lead	208-1	40053786	40255292	41625188	40644755	2.10	cps
Lithium	6-1	4851870	4985292	4814173	4883778	1.84	cps
Magnesium	24-2	8206887	8053610	8267886	8176128	1.35	cps
Manganese	55-2	5523073	5551779	5503940	5526264	0.44	cps
Molybdenum	94-1	7670604	7836295	8061837	7856245	2.50	cps
Molybdenum	95-1	9678913	9720784	9920668	9773455	1.32	cps
Molybdenum	96-1	10695275	10985308	11004829	10895137	1.59	cps
Molybdenum	97-1	5821818	5847011	5874637	5847822	0.45	cps
Molybdenum	98-1	15252901	15282904	15401259	15312355	0.51	cps
Neodymium	150-1	193	227	240	220	10.93	cps
Neodymium	150-2	27	7	10	14	74.18	cps
Nickel	60-2	550656	538822	540592	543357	1.17	cps
Phosphorus	31-2	28846	29648	28136	28876	2.62	cps
Potassium	39-2	3219267	3082258	3155339	3152288	2.17	cps
Rhodium	103-1	12176787	12114965	11389943	11893898	3.68	cps
Rhodium	103-2	5889484	5896958	5834525	5873656	0.58	cps
Scandium	45-1	9893096	10166688	9726939	9928908	2.24	cps
Scandium	45-2	306737	306021	308509	307089	0.42	cps
Selenium	82-1	65294	65488	66650	65811	1.11	cps
Selenium	77-2	1957	2094	1827	1959	6.81	cps
Selenium	78-2	6740	6616	6725	6694	1.01	cps
Silicon	28-1	3537004	3625580	3711929	3624837	2.41	cps
Silver	107-1	4320893	4457881	4550190	4442988	2.60	cps
Silver	109-1	4238012	4263118	4329595	4276908	1.11	cps
Sodium	23-2	15767493	15485477	15830081	15694350	1.17	cps
Strontium	86-1	12840813	12689895	13070926	12867211	1.49	cps
Strontium	88-1	108911277	106265063	111293090	108823143	2.31	cps
Sulfur	34-1	903082	886164	881033	890093	1.30	cps
Terbium	159-1	13807819	13838662	13377753	13674745	1.88	cps
Terbium	159-2	6404443	6279057	6598479	6427326	2.50	cps
Thallium	203-1	2522518	2527006	2534753	2528092	0.24	cps
Thallium	205-1	5766705	5908981	6053556	5909747	2.43	cps
Tin	118-1	2805045	2900389	2981907	2895781	3.06	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:55:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3129727	3109627	3228730	3156028	2.02	cps
Uranium	238-1	7227425	7284706	7285380	7265837	0.46	cps
Vanadium	51-2	882271	873512	871428	875737	0.66	cps
Ytterbium	172-1	92	67	33	64	45.81	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	11889	12189	11972	12017	1.29	cps
Ytterbium	176-2	11689	12317	12356	12121	3.09	cps
Yttrium	89-1	30189302	29348319	28714518	29417380	2.51	cps
Yttrium	89-2	3235920	3204708	3184649	3208426	0.81	cps
Zinc	66-2	1680932	1717896	1673456	1690762	1.41	cps
Zirconium	90-1	6689091	6725929	7028267	6814429	2.73	cps
Zirconium	91-1	1510230	1529690	1593421	1544447	2.82	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:58:49	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1021516	1019009	1011228	1017251	0.53	cps
Antimony	121-1	6172371	6358039	6281612	6270674	1.49	cps
Arsenic	75-2	193488	192195	191195	192293	0.60	cps
Barium	135-1	7944976	7788515	8005004	7912831	1.41	cps
Barium	137-1	13836473	13504167	13589780	13643473	1.26	cps
Beryllium	9-1	1722929	1753142	1722268	1732780	1.02	cps
Bismuth	209-1	6938239	7033695	7295651	7089195	2.61	cps
Bismuth	209-2	4232863	4268757	4359489	4287036	1.52	cps
Boron	10-1	176272	189431	194395	186699	5.02	cps
Boron	11-1	856844	855052	889644	867180	2.25	cps
Bromine	81-1	28588	27505	28639	28244	2.27	cps
Cadmium	111-1	1558446	1639021	1613931	1603799	2.57	cps
Cadmium	106-1	188465	188642	186790	187966	0.54	cps
Cadmium	108-1	125575	123481	124377	124478	0.84	cps
Calcium	43-1	2726229	2697950	2677692	2700624	0.90	cps
Calcium	44-1	43678918	41307904	41780494	42255772	2.97	cps
Carbon	12-1	7675912	7640349	8048112	7788124	2.90	cps
Carbon	12-2	83412	81836	83413	82887	1.10	cps
Chlorine	35-1	802340	779237	762488	781355	2.56	cps
Chlorine	35-2	4534	4593	4284	4470	3.67	cps
Chromium	52-2	2237458	2257760	2232211	2242476	0.60	cps
Cobalt	59-2	3978382	3880147	3900151	3919560	1.32	cps
Copper	63-2	30248806	30312335	30336882	30299341	0.15	cps
Dysprosium	156-1	375	375	200	317	31.91	cps
Dysprosium	156-2	147	147	123	139	9.70	cps
Erbium	164-1	100	108	108	106	4.56	cps
Erbium	164-2	40	53	67	53	25.00	cps
Gadolinium	160-1	350	233	258	281	21.89	cps
Gadolinium	160-2	217	223	180	207	11.29	cps
Holmium	165-1	12886752	13425009	13510474	13274078	2.55	cps
Holmium	165-2	6395019	6484366	6421858	6433748	0.71	cps
Indium	115-1	11479582	12274561	12893314	12215819	5.80	cps
Indium	115-2	1869582	1972026	1898264	1913291	2.76	cps
Iron	54-2	4858536	4806095	4842784	4835805	0.56	cps
Iron	56-2	87825596	84694080	85398863	85972846	1.91	cps
Iron	57-2	2256688	2172763	2136222	2188557	2.82	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:58:49	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	863	867	917	9.76	cps
Lead	206-1	20597289	19879055	20642417	20372921	2.10	cps
Lead	207-1	18188336	17293049	17692024	17724469	2.53	cps
Lead	208-1	81186787	78328447	81359011	80291415	2.12	cps
Lithium	6-1	4902086	5077472	4921659	4967072	1.93	cps
Magnesium	24-2	15705778	16061884	15714162	15827275	1.28	cps
Manganese	55-2	10894208	10936533	10715824	10848855	1.08	cps
Molybdenum	94-1	15291043	15559326	15994193	15614854	2.27	cps
Molybdenum	95-1	18637633	19436235	19485341	19186403	2.48	cps
Molybdenum	96-1	21089662	21434954	21647437	21390684	1.32	cps
Molybdenum	97-1	11347706	11620555	11824885	11597715	2.06	cps
Molybdenum	98-1	29707080	30223350	30556923	30162451	1.42	cps
Neodymium	150-1	467	407	327	400	17.56	cps
Neodymium	150-2	37	37	37	37	0.00	cps
Nickel	60-2	1053338	1047643	1026475	1042485	1.36	cps
Phosphorus	31-2	55725	55465	56519	55903	0.98	cps
Potassium	39-2	5959831	6005794	5948521	5971382	0.51	cps
Rhodium	103-1	11609709	11883116	12465855	11986227	3.65	cps
Rhodium	103-2	5641732	5740780	5691440	5691317	0.87	cps
Scandium	45-1	10136458	10131377	10185214	10151016	0.29	cps
Scandium	45-2	300107	307821	305489	304472	1.30	cps
Selenium	82-1	127780	127743	128509	128010	0.34	cps
Selenium	77-2	3834	3697	3817	3783	1.97	cps
Selenium	78-2	12749	12720	12656	12708	0.37	cps
Silicon	28-1	6442562	6740655	6688348	6623855	2.40	cps
Silver	107-1	8702144	8451840	8510883	8554956	1.53	cps
Silver	109-1	8465855	8393011	8314931	8391266	0.90	cps
Sodium	23-2	30620561	30200877	30786569	30536002	0.99	cps
Strontium	86-1	25269256	25662538	25559625	25497140	0.80	cps
Strontium	88-1	216834963	219146980	217288772	217756905	0.56	cps
Sulfur	34-1	1261582	1229283	1243831	1244899	1.30	cps
Terbium	159-1	13643956	13498171	14266480	13802869	2.96	cps
Terbium	159-2	6321521	6671474	6639667	6544221	2.96	cps
Thallium	203-1	4943286	4912005	4995145	4950145	0.85	cps
Thallium	205-1	11454111	11075834	11703985	11411310	2.77	cps
Tin	118-1	5650710	5635137	5761190	5682346	1.21	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 13:58:49	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6273244	6142193	6184910	6200116	1.08	cps
Uranium	238-1	14219796	14242637	14312284	14258239	0.34	cps
Vanadium	51-2	1795543	1773040	1770324	1779636	0.78	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	22	33	22	26	24.74	cps
Ytterbium	176-1	22528	23104	21526	22386	3.57	cps
Ytterbium	176-2	17734	17373	17512	17540	1.04	cps
Yttrium	89-1	30268201	30284501	30711546	30421416	0.83	cps
Yttrium	89-2	3089232	3239799	3196069	3175033	2.44	cps
Zinc	66-2	3232861	3182667	3213853	3209793	0.79	cps
Zirconium	90-1	13372148	13472732	13379369	13408083	0.42	cps
Zirconium	91-1	3005138	2998805	3078877	3027607	1.47	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 14:01:55 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2157163	2144158	2202297	2167873	1.41	cps
Antimony	121-1	12717583	12972836	12703460	12797960	1.18	cps
Arsenic	75-2	393040	389637	390792	391156	0.44	cps
Barium	135-1	16431509	16724569	16782019	16646032	1.13	cps
Barium	137-1	27884724	28381418	27835936	28034026	1.08	cps
Beryllium	9-1	3398707	3366951	3516054	3427237	2.29	cps
Bismuth	209-1	7102042	7041767	6781002	6974937	2.45	cps
Bismuth	209-2	4230281	4216522	4135666	4194156	1.22	cps
Boron	10-1	371278	377822	395238	381446	3.25	cps
Boron	11-1	1649524	1678693	1753157	1693791	3.16	cps
Bromine	81-1	28739	30695	28719	29384	3.86	cps
Cadmium	111-1	3302822	3249508	3243575	3265302	1.00	cps
Cadmium	106-1	370928	367696	373026	370550	0.72	cps
Cadmium	108-1	247504	250774	253645	250641	1.23	cps
Calcium	43-1	5495758	5564033	5654858	5571550	1.43	cps
Calcium	44-1	87595302	87278049	87093118	87322156	0.29	cps
Carbon	12-1	8199182	8292653	8549542	8347126	2.17	cps
Carbon	12-2	89682	89648	89464	89598	0.13	cps
Chlorine	35-1	799461	787167	766914	784514	2.09	cps
Chlorine	35-2	4776	4568	4126	4490	7.40	cps
Chromium	52-2	4590969	4475207	4520881	4529019	1.29	cps
Cobalt	59-2	8186947	7796205	7970507	7984553	2.45	cps
Copper	63-2	59685745	60100631	60868183	60218186	1.00	cps
Dysprosium	156-1	567	650	667	628	8.53	cps
Dysprosium	156-2	327	283	193	268	25.40	cps
Erbium	164-1	183	167	200	183	9.09	cps
Erbium	164-2	63	90	93	82	20.00	cps
Gadolinium	160-1	550	483	433	489	11.97	cps
Gadolinium	160-2	330	313	303	316	4.27	cps
Holmium	165-1	13337790	13137865	13181547	13219067	0.80	cps
Holmium	165-2	6440182	6657038	6335983	6477735	2.53	cps
Indium	115-1	12356093	12184109	12561128	12367110	1.53	cps
Indium	115-2	1852588	1901352	1914335	1889425	1.72	cps
Iron	54-2	9905402	9830902	9820209	9852171	0.47	cps
Iron	56-2	174409804	178247537	171641454	174766265	1.90	cps
Iron	57-2	4489480	4333253	4495674	4439469	2.07	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:01:55	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	883	1027	940	950	7.60	cps
Lead	206-1	41018398	41833506	40658406	41170104	1.46	cps
Lead	207-1	35432638	36005558	35504529	35647575	0.88	cps
Lead	208-1	162527819	164547336	160675982	162583712	1.19	cps
Lithium	6-1	4984301	4933939	4967754	4961998	0.52	cps
Magnesium	24-2	33175118	32289684	32441807	32635536	1.45	cps
Manganese	55-2	21911410	22034135	21878626	21941390	0.37	cps
Molybdenum	94-1	32656487	32426949	31697385	32260274	1.55	cps
Molybdenum	95-1	39754028	39628542	38664581	39349050	1.51	cps
Molybdenum	96-1	44514330	44114752	44045383	44224822	0.57	cps
Molybdenum	97-1	24173029	24147789	24578791	24299870	1.00	cps
Molybdenum	98-1	61876066	63084953	63324164	62761728	1.24	cps
Neodymium	150-1	707	773	647	709	8.94	cps
Neodymium	150-2	63	73	43	60	25.46	cps
Nickel	60-2	2203092	2195531	2205423	2201349	0.23	cps
Phosphorus	31-2	117627	112486	115853	115322	2.26	cps
Potassium	39-2	12479762	12402396	12311534	12397897	0.68	cps
Rhodium	103-1	11741551	12020024	11993307	11918294	1.29	cps
Rhodium	103-2	5510110	5648593	5606516	5588406	1.27	cps
Scandium	45-1	10283401	10128809	9979044	10130418	1.50	cps
Scandium	45-2	306146	306818	310282	307748	0.72	cps
Selenium	82-1	256050	257490	258966	257502	0.57	cps
Selenium	77-2	7472	7602	7736	7603	1.73	cps
Selenium	78-2	25943	25618	25787	25783	0.63	cps
Silicon	28-1	11136425	11307984	11237124	11227178	0.77	cps
Silver	107-1	17359988	17213154	17762365	17445169	1.63	cps
Silver	109-1	16833420	16900507	16699586	16811171	0.61	cps
Sodium	23-2	63986495	62466456	63704820	63385924	1.28	cps
Strontium	86-1	51783618	51904080	52788110	52158603	1.05	cps
Strontium	88-1	443160160	445997510	453649527	447602399	1.21	cps
Sulfur	34-1	1972963	2043603	2009164	2008577	1.76	cps
Terbium	159-1	13981365	14114240	13839877	13978494	0.98	cps
Terbium	159-2	6340482	6379241	6547311	6422345	1.71	cps
Thallium	203-1	10120996	10238804	10204443	10188081	0.59	cps
Thallium	205-1	23426821	24089785	23475332	23663980	1.56	cps
Tin	118-1	11524879	11548055	11478667	11517200	0.31	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:01:55	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12672959	12629005	12597879	12633281	0.30	cps
Uranium	238-1	30276703	30632341	29040912	29983319	2.79	cps
Vanadium	51-2	3632598	3577001	3657006	3622201	1.13	cps
Ytterbium	172-1	133	83	67	94	36.73	cps
Ytterbium	172-2	44	50	11	35	59.78	cps
Ytterbium	176-1	45446	44969	44702	45039	0.84	cps
Ytterbium	176-2	28520	29411	28893	28941	1.55	cps
Yttrium	89-1	30539380	30255160	29656452	30150330	1.49	cps
Yttrium	89-2	3115167	3210584	3123940	3149897	1.67	cps
Zinc	66-2	6389206	6321109	6524832	6411716	1.62	cps
Zirconium	90-1	28139815	28200933	27548443	27963064	1.29	cps
Zirconium	91-1	6251192	6225843	6147713	6208249	0.87	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:04:59	DataFile Name :	015CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10975067	11203551	10822557	11000391	1.74	cps
Antimony	121-1	8770	8703	9996	9156	7.95	cps
Arsenic	75-2	162	162	176	167	4.85	cps
Barium	135-1	6852	6435	6435	6574	3.66	cps
Barium	137-1	12014	10955	10638	11202	6.43	cps
Beryllium	9-1	846	872	752	823	7.67	cps
Bismuth	209-1	6341093	6411238	6385537	6379289	0.56	cps
Bismuth	209-2	3860002	3925405	3884898	3890101	0.85	cps
Boron	10-1	42427	39742	34271	38813	10.71	cps
Boron	11-1	207357	188142	168407	187969	10.36	cps
Bromine	81-1	28789	30394	30003	29729	2.81	cps
Cadmium	111-1	2867	2812	2618	2766	4.73	cps
Cadmium	106-1	8528	8778	7886	8397	5.48	cps
Cadmium	108-1	288	342	192	274	27.76	cps
Calcium	43-1	25516534	25389161	25167654	25357783	0.70	cps
Calcium	44-1	409791527	414067961	413424373	412427954	0.56	cps
Carbon	12-1	7412972	7278561	7240647	7310726	1.24	cps
Carbon	12-2	86572	89289	89028	88296	1.70	cps
Chlorine	35-1	805403	790628	790434	795488	1.08	cps
Chlorine	35-2	4926	4926	4517	4790	4.92	cps
Chromium	52-2	15185	15482	15398	15355	1.00	cps
Cobalt	59-2	18876	18489	18228	18531	1.76	cps
Copper	63-2	19012	18172	16814	17999	6.16	cps
Dysprosium	156-1	2217	2117	1992	2109	5.35	cps
Dysprosium	156-2	980	957	1013	983	2.90	cps
Erbium	164-1	300	300	383	328	14.68	cps
Erbium	164-2	180	163	137	160	13.66	cps
Gadolinium	160-1	1825	1942	1934	1900	3.43	cps
Gadolinium	160-2	1030	1050	1103	1061	3.57	cps
Holmium	165-1	13141392	13490415	13031545	13221117	1.81	cps
Holmium	165-2	6471694	6556922	6378505	6469040	1.38	cps
Indium	115-1	11954632	11789519	11679237	11807796	1.17	cps
Indium	115-2	1926476	1897617	1884057	1902717	1.14	cps
Iron	54-2	45539143	46007637	45040266	45529015	1.06	cps
Iron	56-2	816403396	828083285	851601152	832029278	2.15	cps
Iron	57-2	21063204	21051159	20868241	20994201	0.52	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:04:59	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	1167	917	1002	14.21	cps
Lead	206-1	19098	18658	16984	18247	6.11	cps
Lead	207-1	16911	16249	15582	16247	4.09	cps
Lead	208-1	76127	73164	69652	72981	4.44	cps
Lithium	6-1	4851244	4871693	4827737	4850225	0.45	cps
Magnesium	24-2	160208254	154341062	156797920	157115745	1.88	cps
Manganese	55-2	35133	35377	35093	35201	0.44	cps
Molybdenum	94-1	14950	14391	14591	14644	1.93	cps
Molybdenum	95-1	15759	15985	13991	15245	7.16	cps
Molybdenum	96-1	36791	36090	33132	35338	5.50	cps
Molybdenum	97-1	9570	9679	9028	9426	3.70	cps
Molybdenum	98-1	24522	22552	20908	22661	7.99	cps
Neodymium	150-1	120	87	87	98	19.68	cps
Neodymium	150-2	30	43	37	37	18.18	cps
Nickel	60-2	7485	7389	7435	7436	0.65	cps
Phosphorus	31-2	250	217	150	206	24.77	cps
Potassium	39-2	61108608	62294935	61829770	61744437	0.97	cps
Rhodium	103-1	11118932	10759707	11234241	11037627	2.24	cps
Rhodium	103-2	5364225	5365432	5285007	5338221	0.86	cps
Scandium	45-1	9872394	10064782	10109006	10015394	1.26	cps
Scandium	45-2	312331	314288	316938	314519	0.74	cps
Selenium	82-1	451	136	409	332	51.51	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	68	77	89	78	13.51	cps
Silicon	28-1	1278069	1312661	1297732	1296154	1.34	cps
Silver	107-1	6835	6618	6202	6552	4.92	cps
Silver	109-1	6135	5793	5643	5857	4.30	cps
Sodium	23-2	304025082	304705290	306899274	305209882	0.49	cps
Strontium	86-1	39841	38797	38454	39030	1.85	cps
Strontium	88-1	318435	313925	306058	312806	2.00	cps
Sulfur	34-1	471665	466346	471712	469908	0.66	cps
Terbium	159-1	13786386	13641326	13593421	13673711	0.73	cps
Terbium	159-2	6364205	6510503	6368949	6414552	1.30	cps
Thallium	203-1	4092	3326	3184	3534	13.83	cps
Thallium	205-1	9871	8361	7402	8545	14.56	cps
Tin	118-1	6118	5793	5851	5921	2.93	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:04:59	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3701	6117	3684	4501	31.11	cps
Uranium	238-1	6227	5335	5060	5540	11.01	cps
Vanadium	51-2	1107	973	873	984	11.89	cps
Ytterbium	172-1	158	175	150	161	7.90	cps
Ytterbium	172-2	144	128	78	117	29.74	cps
Ytterbium	176-1	1517	1809	1625	1650	8.94	cps
Ytterbium	176-2	6624	7235	6980	6946	4.42	cps
Yttrium	89-1	30415845	30373625	29418893	30069455	1.87	cps
Yttrium	89-2	3259275	3320617	3344055	3307982	1.32	cps
Zinc	66-2	12199	12519	12352	12357	1.30	cps
Zirconium	90-1	15467	15451	15601	15506	0.53	cps
Zirconium	91-1	3384	3334	3267	3328	1.76	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : ICV53 Instrumnet Name : P8
 Client Sample ID : ICV53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 14:16:30 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56187	56134	56133	56151	0.05	cps
Antimony	121-1	2603192	2585831	2551879	2580300	1.01	cps
Arsenic	75-2	83178	82606	82411	82731	0.48	cps
Barium	135-1	317262	321371	323265	320633	0.96	cps
Barium	137-1	535717	548326	556052	546698	1.88	cps
Beryllium	9-1	341885	348487	351858	347410	1.46	cps
Bismuth	209-1	7030587	7177543	7229688	7145940	1.44	cps
Bismuth	209-2	4528810	4422171	4569809	4506930	1.69	cps
Boron	10-1	7214	7302	7044	7187	1.83	cps
Boron	11-1	34786	34448	34063	34432	1.05	cps
Bromine	81-1	31508	30715	29642	30621	3.06	cps
Cadmium	111-1	324035	324063	326462	324853	0.43	cps
Cadmium	106-1	37719	39232	39449	38800	2.43	cps
Cadmium	108-1	22844	23120	22393	22786	1.61	cps
Calcium	43-1	130803	135147	138117	134689	2.73	cps
Calcium	44-1	1915733	1879935	2022598	1939422	3.83	cps
Carbon	12-1	6628786	6980626	6706371	6771928	2.73	cps
Carbon	12-2	67724	69574	67463	68254	1.69	cps
Chlorine	35-1	926086	890594	865097	893926	3.43	cps
Chlorine	35-2	5318	5259	4734	5104	6.30	cps
Chromium	52-2	454163	457179	452346	454563	0.54	cps
Cobalt	59-2	822785	835125	819064	825658	1.02	cps
Copper	63-2	662596	655218	655030	657614	0.66	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	58	125	100	94	35.67	cps
Erbium	164-2	43	20	43	36	37.89	cps
Gadolinium	160-1	67	58	58	61	7.88	cps
Gadolinium	160-2	103	107	133	114	14.37	cps
Holmium	165-1	12878721	13130666	12834713	12948033	1.23	cps
Holmium	165-2	6726030	6639786	6524523	6630113	1.52	cps
Indium	115-1	12826669	12936543	13011839	12925017	0.72	cps
Indium	115-2	2068075	2102295	2071304	2080558	0.91	cps
Iron	54-2	403072	402720	398662	401485	0.61	cps
Iron	56-2	7284330	7327878	7297011	7303073	0.31	cps
Iron	57-2	174759	176712	172262	174578	1.28	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:16:30	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	943	1057	989	6.05	cps
Lead	206-1	1730294	1772217	1771155	1757888	1.36	cps
Lead	207-1	1358829	1369120	1383074	1370341	0.89	cps
Lead	208-1	6714452	6756527	6833041	6768006	0.89	cps
Lithium	6-1	5094572	5338653	5288155	5240460	2.46	cps
Magnesium	24-2	396048	400153	399352	398518	0.55	cps
Manganese	55-2	219711	219789	220689	220063	0.25	cps
Molybdenum	94-1	1842	4493	8186	4840	65.83	cps
Molybdenum	95-1	1950	4777	7797	4841	60.39	cps
Molybdenum	96-1	2359	5035	9649	5681	64.92	cps
Molybdenum	97-1	975	3027	4980	2994	66.89	cps
Molybdenum	98-1	3268	5986	12754	7336	66.59	cps
Neodymium	150-1	47	80	47	58	33.30	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	249696	250852	250366	250305	0.23	cps
Phosphorus	31-2	150	142	158	150	5.56	cps
Potassium	39-2	519432	518601	525787	521273	0.75	cps
Rhodium	103-1	12152808	12788486	12739878	12560391	2.82	cps
Rhodium	103-2	6184336	6164541	6048602	6132493	1.20	cps
Scandium	45-1	10577709	10740582	11002498	10773596	1.99	cps
Scandium	45-2	331487	332663	330375	331508	0.35	cps
Selenium	82-1	55029	55308	55547	55295	0.47	cps
Selenium	77-2	1617	1523	1787	1642	8.13	cps
Selenium	78-2	5735	5605	5840	5726	2.06	cps
Silicon	28-1	760670	791086	802851	784869	2.77	cps
Silver	107-1	874771	884629	888256	882552	0.79	cps
Silver	109-1	834561	840752	842560	839291	0.50	cps
Sodium	23-2	1341753	1370937	1370256	1360982	1.22	cps
Strontium	86-1	25608628	25488280	26311416	25802774	1.72	cps
Strontium	88-1	217909805	217912905	220630705	218817805	0.72	cps
Sulfur	34-1	525309	521746	520379	522478	0.49	cps
Terbium	159-1	13742995	14038881	13742306	13841394	1.24	cps
Terbium	159-2	6653627	6607075	6694394	6651699	0.66	cps
Thallium	203-1	2114542	2142737	2257860	2171713	3.50	cps
Thallium	205-1	4970146	4963919	5075387	5003150	1.25	cps
Tin	118-1	4327	3567	4510	4135	12.09	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:16:30	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1283	1892	3286	2154	47.67	cps
Uranium	238-1	14437939	14428287	14640743	14502323	0.83	cps
Vanadium	51-2	355926	353837	357312	355692	0.49	cps
Ytterbium	172-1	58	42	83	61	34.32	cps
Ytterbium	172-2	11	6	28	15	78.05	cps
Ytterbium	176-1	1642	1483	1475	1533	6.13	cps
Ytterbium	176-2	7235	7380	7391	7335	1.18	cps
Yttrium	89-1	30744210	31287733	31738695	31256879	1.59	cps
Yttrium	89-2	3386320	3331154	3434861	3384111	1.53	cps
Zinc	66-2	136457	133722	134539	134906	1.04	cps
Zirconium	90-1	2717	4810	10538	6022	67.24	cps
Zirconium	91-1	900	1217	2109	1409	44.50	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:27:34	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2070	2254	2091	2138	4.70	cps
Antimony	121-1	22169	21459	21618	21748	1.71	cps
Arsenic	75-2	341	352	373	355	4.58	cps
Barium	135-1	26560	26318	26376	26418	0.48	cps
Barium	137-1	45060	46540	45603	45734	1.64	cps
Beryllium	9-1	3280	3142	3134	3185	2.58	cps
Bismuth	209-1	7051656	7152507	6778599	6994254	2.77	cps
Bismuth	209-2	4378451	4629456	4356453	4454787	3.40	cps
Boron	10-1	10962	11664	11778	11468	3.86	cps
Boron	11-1	53896	56716	58282	56298	3.95	cps
Bromine	81-1	30405	29732	30504	30214	1.39	cps
Cadmium	111-1	4402	4008	4515	4308	6.18	cps
Cadmium	106-1	8294	8820	8386	8500	3.30	cps
Cadmium	108-1	338	479	304	374	24.87	cps
Calcium	43-1	22538	22756	22120	22471	1.44	cps
Calcium	44-1	402485	399780	393320	398528	1.18	cps
Carbon	12-1	6451134	6450255	6212108	6371166	2.16	cps
Carbon	12-2	65656	63053	64316	64342	2.02	cps
Chlorine	35-1	795921	769930	743450	769767	3.41	cps
Chlorine	35-2	4276	4584	4459	4440	3.49	cps
Chromium	52-2	9060	8976	8839	8958	1.24	cps
Cobalt	59-2	7229	7199	7092	7173	1.00	cps
Copper	63-2	11663	11441	11316	11473	1.53	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	100	67	83	83	20.00	cps
Erbium	164-2	63	27	53	48	39.66	cps
Gadolinium	160-1	100	133	100	111	17.32	cps
Gadolinium	160-2	107	153	127	129	18.17	cps
Holmium	165-1	13200485	12885504	12264567	12783519	3.73	cps
Holmium	165-2	6432608	6676526	6504334	6537823	1.92	cps
Indium	115-1	12521263	12808328	12374085	12567892	1.76	cps
Indium	115-2	2073016	2074260	2051764	2066347	0.61	cps
Iron	54-2	9876	9581	9248	9568	3.28	cps
Iron	56-2	165926	166886	160308	164373	2.16	cps
Iron	57-2	4245	4395	4078	4240	3.74	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:27:34	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1020	940	1017	7.38	cps
Lead	206-1	9109	8308	7941	8453	7.06	cps
Lead	207-1	7786	7124	7180	7363	4.98	cps
Lead	208-1	35453	33267	32416	33712	4.65	cps
Lithium	6-1	5108146	5224772	5138132	5157017	1.17	cps
Magnesium	24-2	141972	142326	140348	141549	0.75	cps
Manganese	55-2	2154	2274	2197	2208	2.75	cps
Molybdenum	94-1	27503	26167	26484	26718	2.61	cps
Molybdenum	95-1	31678	33140	31996	32272	2.38	cps
Molybdenum	96-1	36532	35889	34920	35780	2.27	cps
Molybdenum	97-1	20925	19548	19464	19979	4.11	cps
Molybdenum	98-1	51764	50719	50877	51120	1.10	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	2190	2290	2360	2280	3.75	cps
Phosphorus	31-2	150	117	133	133	12.50	cps
Potassium	39-2	130824	129318	128797	129646	0.81	cps
Rhodium	103-1	12810121	12582191	12423169	12605160	1.54	cps
Rhodium	103-2	6172347	6119961	6020072	6104127	1.27	cps
Scandium	45-1	10545387	10487508	10183474	10405456	1.87	cps
Scandium	45-2	326488	329739	324909	327045	0.75	cps
Selenium	82-1	967	1088	1121	1059	7.69	cps
Selenium	77-2	33	33	43	37	15.75	cps
Selenium	78-2	203	185	222	203	9.10	cps
Silicon	28-1	746956	755738	747935	750210	0.64	cps
Silver	107-1	14416	15584	14675	14892	4.12	cps
Silver	109-1	13657	13599	14041	13766	1.74	cps
Sodium	23-2	302290	303728	297932	301317	1.00	cps
Strontium	86-1	7978	6702	6477	7052	11.48	cps
Strontium	88-1	54018	45309	40894	46740	14.29	cps
Sulfur	34-1	535790	535901	543450	538380	0.82	cps
Terbium	159-1	13544862	13613094	13052729	13403562	2.28	cps
Terbium	159-2	6610487	6480503	6496598	6529196	1.09	cps
Thallium	203-1	9095	9153	9329	9192	1.32	cps
Thallium	205-1	21168	21694	20492	21118	2.85	cps
Tin	118-1	47902	48311	45217	47143	3.57	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:27:34	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11138	10504	11021	10888	3.10	cps
Uranium	238-1	21878	21160	22195	21744	2.44	cps
Vanadium	51-2	15509	15455	15242	15402	0.92	cps
Ytterbium	172-1	58	67	33	53	32.87	cps
Ytterbium	172-2	6	17	44	22	90.12	cps
Ytterbium	176-1	1425	1567	1458	1483	4.99	cps
Ytterbium	176-2	6674	7552	7130	7119	6.17	cps
Yttrium	89-1	30479480	30580055	30293744	30451093	0.48	cps
Yttrium	89-2	3404365	3362166	3337330	3367953	1.01	cps
Zinc	66-2	2460	2197	2454	2370	6.34	cps
Zirconium	90-1	23320	23145	23320	23262	0.44	cps
Zirconium	91-1	4901	5043	5226	5057	3.22	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : ICB53 Instrumnet Name : P8
 Client Sample ID : ICB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 14:30:38 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137	174	162	158	11.75	cps
Antimony	121-1	475	567	417	486	15.56	cps
Arsenic	75-2	21	25	19	22	14.10	cps
Barium	135-1	58	25	25	36	53.29	cps
Barium	137-1	117	50	108	92	39.63	cps
Beryllium	9-1	162	118	124	135	17.72	cps
Bismuth	209-1	7052692	7041415	6760618	6951575	2.38	cps
Bismuth	209-2	4376559	4411882	4505964	4431468	1.51	cps
Boron	10-1	4328	4138	4016	4160	3.78	cps
Boron	11-1	20771	20785	19982	20512	2.24	cps
Bromine	81-1	30675	29712	30194	30194	1.59	cps
Cadmium	111-1	1646	1711	1545	1634	5.10	cps
Cadmium	106-1	8136	8069	7702	7969	2.93	cps
Cadmium	108-1	104	46	100	83	39.05	cps
Calcium	43-1	455	477	402	445	8.69	cps
Calcium	44-1	43495	43242	43467	43401	0.32	cps
Carbon	12-1	6826693	6868227	6797540	6830820	0.52	cps
Carbon	12-2	70427	69933	68837	69733	1.17	cps
Chlorine	35-1	816707	808627	803242	809525	0.84	cps
Chlorine	35-2	4684	4701	4618	4668	0.95	cps
Chromium	52-2	1210	1107	1160	1159	4.46	cps
Cobalt	59-2	147	133	123	134	8.71	cps
Copper	63-2	1247	1283	1253	1261	1.54	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	42	75	100	72	40.52	cps
Erbium	164-2	23	43	23	30	38.49	cps
Gadolinium	160-1	125	158	117	133	16.54	cps
Gadolinium	160-2	117	90	110	106	13.15	cps
Holmium	165-1	12628530	12713452	12601887	12647957	0.46	cps
Holmium	165-2	6390548	6300592	6518039	6403060	1.71	cps
Indium	115-1	12759223	12606841	12589915	12651993	0.74	cps
Indium	115-2	2091447	2053662	2037707	2060939	1.34	cps
Iron	54-2	828	922	789	846	8.10	cps
Iron	56-2	7536	7647	7219	7467	2.97	cps
Iron	57-2	306	250	300	285	10.73	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : ICB53 Instrumnet Name : P8
 Client Sample ID : ICB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 14:30:38 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	947	893	963	8.27	cps
Lead	206-1	1922	1711	1739	1791	6.41	cps
Lead	207-1	1633	1661	1595	1630	2.06	cps
Lead	208-1	7073	7106	7173	7118	0.72	cps
Lithium	6-1	5101010	5134856	5059297	5098388	0.74	cps
Magnesium	24-2	675	883	742	767	13.88	cps
Manganese	55-2	173	193	227	198	13.62	cps
Molybdenum	94-1	467	375	467	436	12.14	cps
Molybdenum	95-1	108	125	158	131	19.50	cps
Molybdenum	96-1	425	383	458	422	8.90	cps
Molybdenum	97-1	75	100	108	94	18.37	cps
Molybdenum	98-1	317	308	217	281	19.78	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	327	360	330	339	5.42	cps
Phosphorus	31-2	142	33	125	100	58.34	cps
Potassium	39-2	22727	24137	22760	23208	3.47	cps
Rhodium	103-1	12483125	12681154	12421867	12528715	1.08	cps
Rhodium	103-2	6255083	6034284	5912168	6067178	2.86	cps
Scandium	45-1	10534552	10337757	10194224	10355511	1.65	cps
Scandium	45-2	328643	322815	322874	324777	1.03	cps
Selenium	82-1	-41	37	92	29	230.15	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	64	76	77	72	10.00	cps
Silicon	28-1	639947	651581	650948	647492	1.01	cps
Silver	107-1	575	567	483	542	9.36	cps
Silver	109-1	483	500	483	489	1.97	cps
Sodium	23-2	26767	26733	25423	26308	2.91	cps
Strontium	86-1	1825	1608	1442	1625	11.83	cps
Strontium	88-1	1425	1125	1233	1261	12.05	cps
Sulfur	34-1	548412	541958	538183	542851	0.95	cps
Terbium	159-1	13635470	13663158	13871156	13723261	0.94	cps
Terbium	159-2	6502437	6467309	6523624	6497790	0.44	cps
Thallium	203-1	1167	950	1117	1078	10.53	cps
Thallium	205-1	2842	2734	2442	2673	7.74	cps
Tin	118-1	1950	1850	2092	1964	6.18	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICB53	Instrumnet Name :	P8
Client Sample ID :	ICB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:30:38	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	283	283	272	7.07	cps
Uranium	238-1	83	42	50	58	37.80	cps
Vanadium	51-2	27	50	7	28	78.06	cps
Ytterbium	172-1	25	50	17	31	56.77	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1717	1500	1458	1558	8.90	cps
Ytterbium	176-2	7097	7069	7291	7152	1.69	cps
Yttrium	89-1	30717089	30309350	31220958	30749132	1.49	cps
Yttrium	89-2	3340359	3328590	3249320	3306090	1.50	cps
Zinc	66-2	863	897	910	890	2.70	cps
Zirconium	90-1	1350	1383	1383	1372	1.40	cps
Zirconium	91-1	275	267	192	244	18.78	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : ICSA53 Instrumnet Name : P8
 Client Sample ID : ICSA53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 14:33:39 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10467210	10244671	10394182	10368688	1.09	cps
Antimony	121-1	14675	14608	14233	14505	1.64	cps
Arsenic	75-2	127	192	161	160	20.32	cps
Barium	135-1	4418	4843	4509	4590	4.87	cps
Barium	137-1	7594	7611	7777	7661	1.32	cps
Beryllium	9-1	1046	1026	1076	1049	2.40	cps
Bismuth	209-1	6641376	7002189	6879292	6840952	2.68	cps
Bismuth	209-2	4230419	4086998	4054573	4123997	2.27	cps
Boron	10-1	4094	4062	3678	3944	5.87	cps
Boron	11-1	19946	19135	18200	19093	4.58	cps
Bromine	81-1	30384	30304	30756	30481	0.79	cps
Cadmium	111-1	3037	3040	2774	2950	5.18	cps
Cadmium	106-1	7711	7836	7978	7841	1.70	cps
Cadmium	108-1	2759	2729	2996	2828	5.17	cps
Calcium	43-1	5100445	5047541	5176328	5108104	1.27	cps
Calcium	44-1	80587965	82665677	82628361	81960668	1.45	cps
Carbon	12-1	41232808	42620397	42337604	42063603	1.74	cps
Carbon	12-2	430552	437607	439879	436013	1.12	cps
Chlorine	35-1	23631090	31209060	37726777	30855642	22.86	cps
Chlorine	35-2	298193	325139	336729	320020	6.18	cps
Chromium	52-2	86791	86499	84893	86061	1.19	cps
Cobalt	59-2	8786	9833	8823	9147	6.50	cps
Copper	63-2	43351	49138	44941	45810	6.53	cps
Dysprosium	156-1	58	75	58	64	15.06	cps
Dysprosium	156-2	17	30	30	26	30.11	cps
Erbium	164-1	100	100	175	125	34.64	cps
Erbium	164-2	47	93	37	59	51.35	cps
Gadolinium	160-1	150	167	92	136	28.93	cps
Gadolinium	160-2	123	140	110	124	12.08	cps
Holmium	165-1	12949553	12611003	12581610	12714056	1.61	cps
Holmium	165-2	6413490	6671298	6363728	6482839	2.55	cps
Indium	115-1	12264064	12220770	12239655	12241496	0.18	cps
Indium	115-2	1925340	1953687	1936671	1938566	0.74	cps
Iron	54-2	18200068	19107316	18785723	18697703	2.46	cps
Iron	56-2	348695863	343453397	337431996	343193752	1.64	cps
Iron	57-2	8450071	8569448	8494512	8504677	0.71	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:33:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	947	893	906	4.04	cps
Lead	206-1	34836	35672	35705	35404	1.39	cps
Lead	207-1	27240	28448	27830	27839	2.17	cps
Lead	208-1	130295	134913	133485	132897	1.78	cps
Lithium	6-1	5119905	5010343	5077013	5069087	1.09	cps
Magnesium	24-2	30815530	31001227	30844788	30887182	0.32	cps
Manganese	55-2	16002	17771	16273	16682	5.71	cps
Molybdenum	94-1	8267625	8090591	8282122	8213446	1.30	cps
Molybdenum	95-1	14308826	14185741	14514994	14336521	1.16	cps
Molybdenum	96-1	15524148	15594554	15692711	15603804	0.54	cps
Molybdenum	97-1	8793925	8782881	9006321	8861042	1.42	cps
Molybdenum	98-1	22771320	22434922	23605553	22937265	2.63	cps
Neodymium	150-1	33	60	67	53	33.08	cps
Neodymium	150-2	13	30	13	19	50.96	cps
Nickel	60-2	13180	13263	12893	13112	1.48	cps
Phosphorus	31-2	562754	566017	552799	560524	1.23	cps
Potassium	39-2	23921216	24130300	24010290	24020602	0.44	cps
Rhodium	103-1	11661022	11799060	11995823	11818635	1.42	cps
Rhodium	103-2	5571388	5690967	5519195	5593850	1.57	cps
Scandium	45-1	10141679	10339259	10259065	10246668	0.97	cps
Scandium	45-2	307775	315112	316330	313072	1.48	cps
Selenium	82-1	222	117	153	164	32.47	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	62	59	70	64	8.93	cps
Silicon	28-1	858083	866639	862155	862292	0.50	cps
Silver	107-1	1408	1367	1142	1306	10.99	cps
Silver	109-1	1192	1167	1050	1136	6.66	cps
Sodium	23-2	62205424	63092085	63670912	62989474	1.17	cps
Strontium	86-1	174674	174235	176540	175150	0.70	cps
Strontium	88-1	1486278	1483215	1536780	1502091	2.00	cps
Sulfur	34-1	7553031	7681750	7736428	7657070	1.23	cps
Terbium	159-1	13288106	13822779	13881691	13664192	2.39	cps
Terbium	159-2	6272232	6564702	6459426	6432120	2.30	cps
Thallium	203-1	1375	1734	2134	1747	21.71	cps
Thallium	205-1	3259	3959	4117	3778	12.09	cps
Tin	118-1	4184	4176	4084	4148	1.34	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:33:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4937980	4941802	4939519	4939767	0.04	cps
Uranium	238-1	608	683	458	583	19.64	cps
Vanadium	51-2	433	750	670	618	26.66	cps
Ytterbium	172-1	67	33	25	42	52.92	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	1492	1617	1375	1495	8.09	cps
Ytterbium	176-2	6896	7252	7336	7161	3.26	cps
Yttrium	89-1	30005855	29746503	30137383	29963247	0.66	cps
Yttrium	89-2	3277935	3299293	3128967	3235398	2.87	cps
Zinc	66-2	7369	7866	7399	7544	3.69	cps
Zirconium	90-1	1900	1867	1792	1853	3.00	cps
Zirconium	91-1	408	392	350	383	7.84	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:36:34	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10657552	10825892	10667773	10717073	0.88	cps
Antimony	121-1	264572	258871	264415	262620	1.24	cps
Arsenic	75-2	7795	8104	8105	8001	2.23	cps
Barium	135-1	70066	68416	70266	69582	1.46	cps
Barium	137-1	116475	117702	116653	116943	0.57	cps
Beryllium	9-1	70763	69844	70477	70362	0.67	cps
Bismuth	209-1	6949809	6941249	7051852	6980970	0.88	cps
Bismuth	209-2	4319593	4219301	3773804	4104233	7.08	cps
Boron	10-1	3468	3378	3252	3366	3.22	cps
Boron	11-1	16486	16122	15583	16064	2.83	cps
Bromine	81-1	30786	32582	31448	31605	2.87	cps
Cadmium	111-1	64906	63082	65211	64400	1.79	cps
Cadmium	106-1	13632	13841	14358	13944	2.68	cps
Cadmium	108-1	6773	7219	7010	7000	3.19	cps
Calcium	43-1	5293514	5359448	5310160	5321041	0.64	cps
Calcium	44-1	85877391	85557773	86767662	86067609	0.73	cps
Carbon	12-1	42746106	43193698	42219110	42719638	1.14	cps
Carbon	12-2	447001	453514	445417	448644	0.96	cps
Chlorine	35-1	46856553	52662208	57953985	52490915	10.57	cps
Chlorine	35-2	419046	431850	448192	433029	3.37	cps
Chromium	52-2	175125	176250	177204	176193	0.59	cps
Cobalt	59-2	165687	165019	170723	167143	1.87	cps
Copper	63-2	170986	170561	170755	170767	0.12	cps
Dysprosium	156-1	67	50	67	61	15.75	cps
Dysprosium	156-2	17	20	37	24	43.83	cps
Erbium	164-1	108	150	133	131	16.06	cps
Erbium	164-2	67	100	40	69	43.64	cps
Gadolinium	160-1	125	117	150	131	13.28	cps
Gadolinium	160-2	107	117	143	122	15.51	cps
Holmium	165-1	13642515	13360363	13530298	13511059	1.05	cps
Holmium	165-2	6735432	6570591	5740477	6348834	8.40	cps
Indium	115-1	12506942	12914895	12650128	12690655	1.63	cps
Indium	115-2	2011101	1965881	1764245	1913742	6.87	cps
Iron	54-2	19272947	18978151	19253482	19168193	0.86	cps
Iron	56-2	350144497	347447663	358356186	351982782	1.61	cps
Iron	57-2	8764833	8802317	8673902	8747018	0.75	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:36:34	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	1017	940	961	5.05	cps
Lead	206-1	180228	183597	190825	184883	2.93	cps
Lead	207-1	154319	153702	160414	156145	2.38	cps
Lead	208-1	709492	717101	742729	723107	2.41	cps
Lithium	6-1	5251440	5189423	5102241	5181035	1.45	cps
Magnesium	24-2	31639111	32171839	32302726	32037892	1.10	cps
Manganese	55-2	60227	58566	59413	59402	1.40	cps
Molybdenum	94-1	8568215	8328559	8502837	8466537	1.46	cps
Molybdenum	95-1	15045258	14937059	15025394	15002570	0.38	cps
Molybdenum	96-1	15934824	16006996	16503858	16148559	1.92	cps
Molybdenum	97-1	9038509	8894665	9287782	9073652	2.19	cps
Molybdenum	98-1	23568727	23636920	23777821	23661156	0.45	cps
Neodymium	150-1	60	73	60	64	11.95	cps
Neodymium	150-2	7	20	20	16	49.47	cps
Nickel	60-2	53049	53156	53209	53138	0.15	cps
Phosphorus	31-2	569541	568488	578526	572185	0.96	cps
Potassium	39-2	24692104	24542961	25154843	24796636	1.29	cps
Rhodium	103-1	12361518	12194365	12218892	12258258	0.74	cps
Rhodium	103-2	5696358	5712775	5104868	5504667	6.29	cps
Scandium	45-1	10622241	10760736	10839246	10740741	1.02	cps
Scandium	45-2	321822	321688	286747	310086	6.52	cps
Selenium	82-1	5159	5182	5237	5193	0.77	cps
Selenium	77-2	103	160	160	141	23.19	cps
Selenium	78-2	609	536	597	581	6.74	cps
Silicon	28-1	871216	918346	893481	894348	2.64	cps
Silver	107-1	320079	320137	325299	321838	0.93	cps
Silver	109-1	305992	312201	311804	309999	1.12	cps
Sodium	23-2	63831851	64996910	66220039	65016267	1.84	cps
Strontium	86-1	182161	176721	179538	179473	1.52	cps
Strontium	88-1	1552445	1555222	1528189	1545285	0.96	cps
Sulfur	34-1	7777079	7938139	7870565	7861928	1.03	cps
Terbium	159-1	14060441	14184303	14269454	14171399	0.74	cps
Terbium	159-2	6352690	6511799	5923648	6262712	4.86	cps
Thallium	203-1	192382	198263	194666	195104	1.52	cps
Thallium	205-1	455755	457127	463625	458836	0.92	cps
Tin	118-1	3834	4409	4184	4142	7.00	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:36:34	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5131022	5247801	5120793	5166538	1.37	cps
Uranium	238-1	533	692	900	708	25.96	cps
Vanadium	51-2	70017	70881	71096	70665	0.81	cps
Ytterbium	172-1	50	50	42	47	10.18	cps
Ytterbium	172-2	6	28	50	28	79.99	cps
Ytterbium	176-1	1525	1425	1583	1511	5.30	cps
Ytterbium	176-2	6624	7430	6480	6845	7.48	cps
Yttrium	89-1	30869453	31997555	31341680	31402896	1.80	cps
Yttrium	89-2	3362449	3330954	2914745	3202716	7.80	cps
Zinc	66-2	20054	19340	19844	19746	1.86	cps
Zirconium	90-1	2009	2225	2084	2106	5.23	cps
Zirconium	91-1	525	450	467	481	8.20	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:40:22	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5584197	5717705	5551611	5617838	1.57	cps
Antimony	121-1	5991988	5915805	5912725	5940173	0.76	cps
Arsenic	75-2	204074	203364	201467	202968	0.66	cps
Barium	135-1	7625821	7743688	7588887	7652799	1.06	cps
Barium	137-1	12948660	13026121	12861454	12945412	0.64	cps
Beryllium	9-1	1695710	1698216	1705247	1699725	0.29	cps
Bismuth	209-1	6612528	6694537	6715958	6674341	0.82	cps
Bismuth	209-2	4153170	4148419	4046196	4115928	1.47	cps
Boron	10-1	167855	176982	186491	177109	5.26	cps
Boron	11-1	807303	860112	836486	834634	3.17	cps
Bromine	81-1	29010	31096	31869	30658	4.82	cps
Cadmium	111-1	1514093	1472744	1547633	1511490	2.48	cps
Cadmium	106-1	184133	184058	183716	183969	0.12	cps
Cadmium	108-1	116164	117521	119211	117632	1.30	cps
Calcium	43-1	12859659	13275289	12907963	13014304	1.75	cps
Calcium	44-1	210483365	209795109	209211024	209829833	0.30	cps
Carbon	12-1	7626147	7603379	7718869	7649465	0.80	cps
Carbon	12-2	88609	89179	89355	89048	0.44	cps
Chlorine	35-1	8966938	8563966	8084711	8538538	5.17	cps
Chlorine	35-2	47437	45272	44185	45631	3.63	cps
Chromium	52-2	2296596	2320730	2244395	2287240	1.71	cps
Cobalt	59-2	3949706	3901026	3872070	3907601	1.00	cps
Copper	63-2	31347283	30893255	30759755	31000098	0.99	cps
Dysprosium	156-1	1258	1250	1158	1222	4.54	cps
Dysprosium	156-2	470	567	550	529	9.77	cps
Erbium	164-1	283	158	308	250	32.14	cps
Erbium	164-2	110	117	93	107	11.27	cps
Gadolinium	160-1	892	1017	992	967	6.84	cps
Gadolinium	160-2	583	567	590	580	2.07	cps
Holmium	165-1	13274953	13114061	13092103	13160373	0.76	cps
Holmium	165-2	6578627	6537878	6447847	6521451	1.03	cps
Indium	115-1	12324683	12115609	12373386	12271226	1.12	cps
Indium	115-2	1959995	1948368	1962394	1956919	0.38	cps
Iron	54-2	23484616	23525099	22860575	23290097	1.60	cps
Iron	56-2	432470621	423273098	419015298	424919672	1.62	cps
Iron	57-2	10715438	10720169	10424668	10620092	1.59	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:40:22	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	1113	903	980	11.83	cps
Lead	206-1	18176329	18461723	19051269	18563107	2.40	cps
Lead	207-1	15509490	15809654	15875102	15731415	1.24	cps
Lead	208-1	70940801	72348912	73241900	72177205	1.61	cps
Lithium	6-1	4980222	5099059	4995183	5024821	1.29	cps
Magnesium	24-2	82699796	82719775	82053989	82491187	0.46	cps
Manganese	55-2	11724259	11391458	11242982	11452900	2.15	cps
Molybdenum	94-1	15321868	14994627	15625357	15313951	2.06	cps
Molybdenum	95-1	18972201	18235851	19247435	18818496	2.78	cps
Molybdenum	96-1	20975418	20375344	21140158	20830307	1.93	cps
Molybdenum	97-1	11051055	11168073	11459330	11226153	1.87	cps
Molybdenum	98-1	29226548	28896873	30198741	29440720	2.30	cps
Neodymium	150-1	453	467	440	453	2.94	cps
Neodymium	150-2	23	50	67	47	46.85	cps
Nickel	60-2	1069415	1064367	1049614	1061132	0.97	cps
Phosphorus	31-2	56076	58712	55331	56706	3.13	cps
Potassium	39-2	31617089	31495094	32227397	31779860	1.23	cps
Rhodium	103-1	11710931	11953376	12143634	11935980	1.82	cps
Rhodium	103-2	5767997	5547951	5691877	5669275	1.97	cps
Scandium	45-1	10550860	10542397	10494666	10529308	0.29	cps
Scandium	45-2	331463	324919	326458	327614	1.04	cps
Selenium	82-1	130744	129219	133556	131173	1.68	cps
Selenium	77-2	3841	4121	3687	3883	5.66	cps
Selenium	78-2	13902	13554	13435	13630	1.78	cps
Silicon	28-1	6102429	6297176	6469834	6289813	2.92	cps
Silver	107-1	8815173	8682469	8705132	8734258	0.81	cps
Silver	109-1	8262459	8212140	8410568	8295055	1.24	cps
Sodium	23-2	159911199	160633895	156618433	159054509	1.35	cps
Strontium	86-1	25073228	24762348	24677706	24837761	0.84	cps
Strontium	88-1	209222309	208417284	211274326	209637973	0.70	cps
Sulfur	34-1	1277146	1291264	1285845	1284751	0.55	cps
Terbium	159-1	13769777	14032934	13849216	13883975	0.97	cps
Terbium	159-2	6544738	6737278	6602348	6628121	1.49	cps
Thallium	203-1	4505180	4592651	4744281	4614037	2.62	cps
Thallium	205-1	10361600	10779844	10861615	10667687	2.51	cps
Tin	118-1	5340035	5353493	5445900	5379809	1.07	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:40:22	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6099284	6195744	6258354	6184461	1.30	cps
Uranium	238-1	12955945	13342172	13415261	13237793	1.86	cps
Vanadium	51-2	1852918	1859305	1795175	1835800	1.92	cps
Ytterbium	172-1	108	108	67	94	25.47	cps
Ytterbium	172-2	67	56	56	59	10.82	cps
Ytterbium	176-1	21551	21902	22386	21947	1.91	cps
Ytterbium	176-2	17234	17668	17757	17553	1.59	cps
Yttrium	89-1	31375708	31178873	30876889	31143823	0.81	cps
Yttrium	89-2	3425256	3414902	3420012	3420057	0.15	cps
Zinc	66-2	3285728	3219769	3237449	3247648	1.05	cps
Zirconium	90-1	13146400	13289175	13400497	13278690	0.96	cps
Zirconium	91-1	3008146	2968237	3018377	2998254	0.88	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:46:02	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	191	161	182	9.74	cps
Antimony	121-1	1725	1917	1575	1739	9.86	cps
Arsenic	75-2	19	14	20	18	18.20	cps
Barium	135-1	692	642	142	492	61.86	cps
Barium	137-1	1359	867	225	817	69.59	cps
Beryllium	9-1	278	240	122	213	38.13	cps
Bismuth	209-1	7478765	7167732	6985459	7210652	3.46	cps
Bismuth	209-2	4459958	4390357	4384404	4411573	0.95	cps
Boron	10-1	7540	6988	6910	7146	4.81	cps
Boron	11-1	34131	34137	33892	34053	0.41	cps
Bromine	81-1	31508	30244	31167	30973	2.11	cps
Cadmium	111-1	1766	1758	1616	1713	4.91	cps
Cadmium	106-1	7944	7827	7686	7819	1.66	cps
Cadmium	108-1	75	71	54	67	16.53	cps
Calcium	43-1	1743	1690	620	1351	46.93	cps
Calcium	44-1	66154	63502	48450	59369	16.08	cps
Carbon	12-1	6710837	6642118	6827865	6726940	1.40	cps
Carbon	12-2	69021	68200	69314	68845	0.84	cps
Chlorine	35-1	3111951	3055705	2914480	3027379	3.36	cps
Chlorine	35-2	17670	16660	16560	16963	3.62	cps
Chromium	52-2	1023	1097	1083	1068	3.66	cps
Cobalt	59-2	100	120	167	129	26.54	cps
Copper	63-2	1572	1759	1495	1609	8.45	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	92	67	133	97	34.64	cps
Erbium	164-2	47	33	33	38	20.39	cps
Gadolinium	160-1	100	100	83	94	10.19	cps
Gadolinium	160-2	90	117	103	103	12.90	cps
Holmium	165-1	13866895	12632817	12502585	13000766	5.79	cps
Holmium	165-2	6635981	6417720	6491939	6515213	1.70	cps
Indium	115-1	13328471	12586450	12256133	12723685	4.32	cps
Indium	115-2	2056027	2050622	2036574	2047741	0.49	cps
Iron	54-2	922	878	950	917	3.97	cps
Iron	56-2	10104	8742	8725	9190	8.61	cps
Iron	57-2	289	294	317	300	4.90	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:46:02	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	1067	957	1019	5.54	cps
Lead	206-1	3567	3540	2211	3106	24.95	cps
Lead	207-1	3023	3034	1922	2660	24.01	cps
Lead	208-1	13998	13525	8585	12036	24.91	cps
Lithium	6-1	5386344	4889044	4891903	5055764	5.66	cps
Magnesium	24-2	900	950	1000	950	5.26	cps
Manganese	55-2	183	173	190	182	4.60	cps
Molybdenum	94-1	2775	2509	983	2089	46.28	cps
Molybdenum	95-1	2842	2484	942	2089	48.33	cps
Molybdenum	96-1	3434	3092	1158	2562	47.90	cps
Molybdenum	97-1	1642	1650	517	1270	51.36	cps
Molybdenum	98-1	6089	5060	1375	4175	59.37	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	363	273	250	296	20.25	cps
Phosphorus	31-2	125	142	183	150	20.03	cps
Potassium	39-2	25281	25064	25465	25270	0.79	cps
Rhodium	103-1	13566722	12660102	12755316	12994047	3.83	cps
Rhodium	103-2	6039535	6202889	6099272	6113899	1.35	cps
Scandium	45-1	11183714	10642465	10452224	10759468	3.53	cps
Scandium	45-2	323358	327993	324269	325206	0.76	cps
Selenium	82-1	-44	-61	31	-24	-200.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	71	96	80	82	15.38	cps
Silicon	28-1	644862	647220	659699	650594	1.23	cps
Silver	107-1	1250	1008	792	1017	22.55	cps
Silver	109-1	983	875	758	872	12.90	cps
Sodium	23-2	38067	36379	36429	36958	2.60	cps
Strontium	86-1	4284	4168	1925	3459	38.44	cps
Strontium	88-1	23288	18921	3101	15103	70.33	cps
Sulfur	34-1	529853	541527	537475	536285	1.11	cps
Terbium	159-1	14786519	13621345	13413129	13940331	5.31	cps
Terbium	159-2	6520741	6557183	6493331	6523752	0.49	cps
Thallium	203-1	1709	1767	1492	1656	8.75	cps
Thallium	205-1	4318	3817	3359	3831	12.52	cps
Tin	118-1	2784	2259	2184	2409	13.58	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:46:02	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1217	1058	425	900	46.55	cps
Uranium	238-1	1250	1100	125	825	74.04	cps
Vanadium	51-2	27	17	20	21	24.12	cps
Ytterbium	172-1	67	8	33	36	81.06	cps
Ytterbium	172-2	33	33	33	33	0.00	cps
Ytterbium	176-1	1458	1600	1567	1542	4.80	cps
Ytterbium	176-2	6635	7374	7347	7119	5.89	cps
Yttrium	89-1	32536900	30694572	30671496	31300989	3.42	cps
Yttrium	89-2	3420295	3406062	3387935	3404764	0.48	cps
Zinc	66-2	873	880	890	881	0.95	cps
Zirconium	90-1	2600	2484	1792	2292	19.07	cps
Zirconium	91-1	492	592	325	469	28.70	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:59:20	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2450	2754	2419	2541	7.28	cps
Antimony	121-1	20340	20524	20266	20377	0.65	cps
Arsenic	75-2	352	382	353	362	4.70	cps
Barium	135-1	25666	26385	25675	25909	1.59	cps
Barium	137-1	43638	43337	43914	43630	0.66	cps
Beryllium	9-1	2892	2910	3062	2954	3.16	cps
Bismuth	209-1	6932532	6637311	6709391	6759745	2.28	cps
Bismuth	209-2	4298048	4299921	4468552	4355507	2.25	cps
Boron	10-1	8277	8881	9181	8780	5.25	cps
Boron	11-1	39728	42694	43217	41879	4.49	cps
Bromine	81-1	28659	30053	28217	28976	3.31	cps
Cadmium	111-1	3917	3874	4097	3963	2.98	cps
Cadmium	106-1	7235	7294	7002	7177	2.15	cps
Cadmium	108-1	300	246	250	265	11.36	cps
Calcium	43-1	21776	21790	21778	21782	0.04	cps
Calcium	44-1	390228	389729	385337	388431	0.69	cps
Carbon	12-1	6104524	6120158	6153362	6126015	0.41	cps
Carbon	12-2	62274	61496	63413	62394	1.55	cps
Chlorine	35-1	1364655	1303574	1301173	1323134	2.72	cps
Chlorine	35-2	7977	8194	7677	7950	3.27	cps
Chromium	52-2	8930	8673	8976	8860	1.84	cps
Cobalt	59-2	7062	7082	7205	7116	1.09	cps
Copper	63-2	11621	12556	12323	12167	4.00	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	42	58	83	61	34.32	cps
Erbium	164-2	47	60	33	47	28.58	cps
Gadolinium	160-1	117	75	100	97	21.57	cps
Gadolinium	160-2	97	110	110	106	7.29	cps
Holmium	165-1	12332559	12366113	12169480	12289384	0.86	cps
Holmium	165-2	6354012	6405954	6495227	6418398	1.11	cps
Indium	115-1	12365042	12128107	12103924	12199024	1.18	cps
Indium	115-2	2032262	2102315	2088682	2074419	1.79	cps
Iron	54-2	10365	11433	10765	10854	4.97	cps
Iron	56-2	176181	192810	184378	184456	4.51	cps
Iron	57-2	4284	4884	5079	4749	8.72	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:59:20	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	990	1093	1024	5.82	cps
Lead	206-1	7686	7408	7174	7423	3.45	cps
Lead	207-1	6757	6785	6346	6630	3.71	cps
Lead	208-1	30720	30498	29130	30116	2.86	cps
Lithium	6-1	4900176	4934784	4825160	4886707	1.15	cps
Magnesium	24-2	140995	138051	141956	140334	1.45	cps
Manganese	55-2	2330	2637	2367	2445	6.85	cps
Molybdenum	94-1	25799	26977	25616	26131	2.83	cps
Molybdenum	95-1	32397	31144	31461	31667	2.06	cps
Molybdenum	96-1	35947	34493	35246	35229	2.06	cps
Molybdenum	97-1	19740	18479	19906	19375	4.03	cps
Molybdenum	98-1	49598	50326	48578	49500	1.77	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	20	3	3	9	108.30	cps
Nickel	60-2	2284	2397	2384	2355	2.63	cps
Phosphorus	31-2	92	158	83	111	37.00	cps
Potassium	39-2	130370	129832	129545	129916	0.32	cps
Rhodium	103-1	12131294	12120939	12038492	12096908	0.42	cps
Rhodium	103-2	5990107	6173012	6081629	6081583	1.50	cps
Scandium	45-1	9903355	10171965	9971690	10015670	1.39	cps
Scandium	45-2	320612	321171	324773	322185	0.70	cps
Selenium	82-1	1107	1125	968	1067	8.06	cps
Selenium	77-2	17	50	43	37	48.10	cps
Selenium	78-2	172	200	170	181	9.28	cps
Silicon	28-1	746574	744866	742290	744577	0.29	cps
Silver	107-1	13749	13415	14091	13752	2.46	cps
Silver	109-1	13157	12798	13465	13140	2.54	cps
Sodium	23-2	300026	302478	300215	300906	0.45	cps
Strontium	86-1	6168	6760	6243	6390	5.04	cps
Strontium	88-1	40167	39440	38529	39379	2.08	cps
Sulfur	34-1	528842	534516	528484	530614	0.64	cps
Terbium	159-1	13378496	12989156	12986146	13117933	1.72	cps
Terbium	159-2	6337762	6302963	6463386	6368037	1.33	cps
Thallium	203-1	8320	8236	8420	8325	1.10	cps
Thallium	205-1	19540	18347	19490	19126	3.53	cps
Tin	118-1	46237	47173	45702	46371	1.61	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 14:59:20	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10654	11038	10396	10696	3.02	cps
Uranium	238-1	20375	20776	20659	20603	1.00	cps
Vanadium	51-2	15342	15505	15462	15436	0.55	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	22	11	28	20	41.67	cps
Ytterbium	176-1	1233	1308	1300	1281	3.21	cps
Ytterbium	176-2	7302	7469	8058	7610	5.22	cps
Yttrium	89-1	29583510	29581126	29337823	29500820	0.48	cps
Yttrium	89-2	3317704	3338845	3351462	3336004	0.51	cps
Zinc	66-2	2357	2247	2377	2327	3.01	cps
Zirconium	90-1	22686	22494	22318	22499	0.82	cps
Zirconium	91-1	4776	5076	4784	4879	3.50	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:08:30	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3636	3548	3948	3710	5.66	cps
Antimony	121-1	1425	1267	1325	1339	5.98	cps
Arsenic	75-2	210	213	232	218	5.47	cps
Barium	135-1	139601	142539	139860	140666	1.16	cps
Barium	137-1	243332	235509	240325	239722	1.65	cps
Beryllium	9-1	104	104	114	107	5.38	cps
Bismuth	209-1	6776273	6825095	6570683	6724017	2.01	cps
Bismuth	209-2	4322510	4263435	4401908	4329284	1.60	cps
Boron	10-1	14456	15277	16010	15248	5.10	cps
Boron	11-1	71952	75291	76563	74602	3.19	cps
Bromine	81-1	69333	76607	82596	76179	8.72	cps
Cadmium	111-1	1520	1572	1365	1486	7.24	cps
Cadmium	106-1	7386	7702	6627	7238	7.64	cps
Cadmium	108-1	46	92	50	63	40.56	cps
Calcium	43-1	1444147	1451294	1452241	1449227	0.31	cps
Calcium	44-1	22848705	22453305	22866395	22722802	1.03	cps
Carbon	12-1	22782813	24537938	24732185	24017645	4.47	cps
Carbon	12-2	266727	274541	277112	272793	1.98	cps
Chlorine	35-1	2186819	2267141	2393166	2282376	4.56	cps
Chlorine	35-2	17002	17711	17611	17441	2.20	cps
Chromium	52-2	3084	2880	2950	2971	3.48	cps
Cobalt	59-2	773	700	783	752	6.05	cps
Copper	63-2	7984	7964	8088	8012	0.83	cps
Dysprosium	156-1	300	350	367	339	10.24	cps
Dysprosium	156-2	133	177	190	167	17.77	cps
Erbium	164-1	358	367	325	350	6.30	cps
Erbium	164-2	163	180	180	174	5.51	cps
Gadolinium	160-1	467	417	375	419	10.94	cps
Gadolinium	160-2	227	270	280	259	10.95	cps
Holmium	165-1	12715985	13049325	12613120	12792810	1.78	cps
Holmium	165-2	6542755	6396866	6548222	6495948	1.32	cps
Indium	115-1	12566839	12492845	12251556	12437080	1.33	cps
Indium	115-2	2024708	2068565	2004810	2032695	1.60	cps
Iron	54-2	23147	22880	23247	23091	0.82	cps
Iron	56-2	426150	418215	417086	420484	1.17	cps
Iron	57-2	12089	12055	12100	12081	0.19	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:08:30	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	860	1090	970	11.89	cps
Lead	206-1	2211	2078	2250	2180	4.14	cps
Lead	207-1	1817	1945	1961	1908	4.14	cps
Lead	208-1	8629	8718	9146	8831	3.13	cps
Lithium	6-1	5182996	5033714	4966251	5060987	2.19	cps
Magnesium	24-2	3516556	3492018	3431985	3480186	1.25	cps
Manganese	55-2	46048	45589	45536	45724	0.62	cps
Molybdenum	94-1	3492	3609	3292	3465	4.63	cps
Molybdenum	95-1	5134	4701	5068	4968	4.70	cps
Molybdenum	96-1	5576	5518	5260	5451	3.09	cps
Molybdenum	97-1	2884	2742	3225	2950	8.42	cps
Molybdenum	98-1	7202	7786	7777	7588	4.41	cps
Neodymium	150-1	180	367	227	258	37.69	cps
Neodymium	150-2	77	77	107	87	19.98	cps
Nickel	60-2	2830	3010	2900	2914	3.11	cps
Phosphorus	31-2	567	383	467	472	19.44	cps
Potassium	39-2	656279	649663	660356	655433	0.82	cps
Rhodium	103-1	11976122	12466557	11990431	12144370	2.30	cps
Rhodium	103-2	5931963	6094127	5937827	5987972	1.54	cps
Scandium	45-1	10616838	10455060	10289183	10453694	1.57	cps
Scandium	45-2	322514	326116	328158	325596	0.88	cps
Selenium	82-1	-52	139	-99	-4	-3151.44	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	77	72	99	83	17.37	cps
Silicon	28-1	44498107	43681072	43256476	43811885	1.44	cps
Silver	107-1	333	217	233	261	24.17	cps
Silver	109-1	117	108	175	133	27.24	cps
Sodium	23-2	17034856	17190212	17017013	17080694	0.56	cps
Strontium	86-1	751097	765777	759879	758918	0.97	cps
Strontium	88-1	6556349	6513077	6683604	6584343	1.35	cps
Sulfur	34-1	962894	976396	949682	962991	1.39	cps
Terbium	159-1	13641091	13214506	13005820	13287139	2.44	cps
Terbium	159-2	6368730	6491908	6431140	6430593	0.96	cps
Thallium	203-1	567	583	558	569	2.24	cps
Thallium	205-1	1350	1792	1383	1508	16.31	cps
Tin	118-1	1467	1934	1650	1683	13.97	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:08:30	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3142	3384	3284	3270	3.71	cps
Uranium	238-1	6694	6160	6143	6332	4.94	cps
Vanadium	51-2	2387	2227	2344	2319	3.57	cps
Ytterbium	172-1	283	258	258	267	5.41	cps
Ytterbium	172-2	89	117	94	100	14.70	cps
Ytterbium	176-1	1442	1542	1350	1445	6.64	cps
Ytterbium	176-2	7058	7130	7652	7280	4.46	cps
Yttrium	89-1	30131558	30413592	29984736	30176629	0.72	cps
Yttrium	89-2	3308731	3294399	3348100	3317077	0.84	cps
Zinc	66-2	13610	13370	13460	13480	0.90	cps
Zirconium	90-1	2067	2100	2250	2139	4.57	cps
Zirconium	91-1	483	542	433	486	11.15	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:11:26	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3919	3648	3644	3737	4.22	cps
Antimony	121-1	1108	1358	1192	1220	10.44	cps
Arsenic	75-2	210	213	189	204	6.41	cps
Barium	135-1	136267	139347	138590	138068	1.16	cps
Barium	137-1	234725	240422	233019	236055	1.64	cps
Beryllium	9-1	84	102	132	106	22.88	cps
Bismuth	209-1	6905326	6921431	6863071	6896609	0.44	cps
Bismuth	209-2	4376638	4330592	4312083	4339771	0.77	cps
Boron	10-1	15567	15799	16484	15950	2.99	cps
Boron	11-1	75062	78256	80575	77964	3.55	cps
Bromine	81-1	75409	85043	89145	83199	8.48	cps
Cadmium	111-1	1498	1524	1539	1520	1.35	cps
Cadmium	106-1	7169	7419	7627	7405	3.10	cps
Cadmium	108-1	63	50	58	57	11.18	cps
Calcium	43-1	1388430	1338364	1382641	1369812	2.00	cps
Calcium	44-1	21910439	21416850	22503767	21943685	2.48	cps
Carbon	12-1	20566629	22601451	22907869	22025316	5.78	cps
Carbon	12-2	244284	248857	243469	245537	1.18	cps
Chlorine	35-1	2552272	2649988	2796600	2666287	4.61	cps
Chlorine	35-2	19814	21141	20081	20345	3.45	cps
Chromium	52-2	3010	2770	2990	2924	4.56	cps
Cobalt	59-2	753	900	883	846	9.50	cps
Copper	63-2	7880	7697	8000	7859	1.94	cps
Dysprosium	156-1	242	242	250	244	1.97	cps
Dysprosium	156-2	140	147	143	143	2.33	cps
Erbium	164-1	283	375	258	306	20.10	cps
Erbium	164-2	197	173	137	169	17.91	cps
Gadolinium	160-1	342	442	350	378	14.69	cps
Gadolinium	160-2	253	253	267	258	2.99	cps
Holmium	165-1	12817005	12997033	12729515	12847851	1.06	cps
Holmium	165-2	6609825	6262706	6395222	6422584	2.73	cps
Indium	115-1	12509245	12701758	12522274	12577759	0.86	cps
Indium	115-2	2056524	1963369	2003065	2007653	2.33	cps
Iron	54-2	23520	22835	21800	22718	3.81	cps
Iron	56-2	401299	406392	415644	407778	1.78	cps
Iron	57-2	11766	11321	11555	11547	1.93	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:11:26	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	840	937	877	884	5.52	cps
Lead	206-1	2317	2400	2184	2300	4.75	cps
Lead	207-1	1778	2034	1783	1865	7.83	cps
Lead	208-1	8612	9135	8646	8798	3.32	cps
Lithium	6-1	5110901	4888585	5029113	5009533	2.24	cps
Magnesium	24-2	3340235	3387001	3346724	3357986	0.75	cps
Manganese	55-2	43937	44456	44489	44294	0.70	cps
Molybdenum	94-1	3359	3175	3426	3320	3.90	cps
Molybdenum	95-1	4701	4501	4726	4643	2.66	cps
Molybdenum	96-1	5193	4976	5001	5057	2.35	cps
Molybdenum	97-1	2842	2817	2609	2756	4.65	cps
Molybdenum	98-1	7986	7277	7561	7608	4.69	cps
Neodymium	150-1	267	207	340	271	24.63	cps
Neodymium	150-2	93	100	100	98	3.94	cps
Nickel	60-2	3117	3090	2910	3039	3.70	cps
Phosphorus	31-2	367	450	492	436	14.59	cps
Potassium	39-2	624693	637619	638674	633662	1.23	cps
Rhodium	103-1	12100211	12503886	12088504	12230867	1.93	cps
Rhodium	103-2	5990808	5810196	5960458	5920487	1.63	cps
Scandium	45-1	10535113	10301422	10566018	10467518	1.38	cps
Scandium	45-2	324347	324885	330182	326471	0.99	cps
Selenium	82-1	125	59	91	92	36.05	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	82	91	73	82	10.97	cps
Silicon	28-1	41231393	42754736	41516394	41834174	1.94	cps
Silver	107-1	300	150	283	244	33.64	cps
Silver	109-1	167	150	125	147	14.25	cps
Sodium	23-2	16163867	16343414	16046787	16184689	0.92	cps
Strontium	86-1	739383	733812	738281	737159	0.40	cps
Strontium	88-1	6182918	6310304	6286687	6259970	1.08	cps
Sulfur	34-1	909135	916344	919329	914936	0.57	cps
Terbium	159-1	13356375	13652786	13694655	13567939	1.36	cps
Terbium	159-2	6493842	6532475	6516598	6514305	0.30	cps
Thallium	203-1	617	533	425	525	18.31	cps
Thallium	205-1	1092	1208	1283	1195	8.09	cps
Tin	118-1	1809	1708	1734	1750	2.97	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:11:26	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3401	3517	6141	4353	35.59	cps
Uranium	238-1	6077	6060	6177	6104	1.03	cps
Vanadium	51-2	2190	2217	2384	2264	4.63	cps
Ytterbium	172-1	258	217	267	247	10.84	cps
Ytterbium	172-2	122	150	106	126	17.83	cps
Ytterbium	176-1	1617	1733	1692	1681	3.52	cps
Ytterbium	176-2	7391	7558	7569	7506	1.33	cps
Yttrium	89-1	30789355	30871675	29991101	30550710	1.59	cps
Yttrium	89-2	3306617	3278485	3287274	3290792	0.44	cps
Zinc	66-2	13456	12949	13396	13267	2.09	cps
Zirconium	90-1	2092	2209	2075	2125	3.42	cps
Zirconium	91-1	342	358	358	353	2.73	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:14:23	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4141	3736	3880	3919	5.23	cps
Antimony	121-1	2517	2609	3117	2748	11.77	cps
Arsenic	75-2	311	318	314	314	1.12	cps
Barium	135-1	157143	156694	153810	155883	1.16	cps
Barium	137-1	272938	272193	269916	271682	0.58	cps
Beryllium	9-1	126	102	164	131	23.93	cps
Bismuth	209-1	6926258	6626796	6745119	6766057	2.23	cps
Bismuth	209-2	4225471	4174635	4159044	4186383	0.83	cps
Boron	10-1	26312	28470	28804	27862	4.85	cps
Boron	11-1	130767	134499	136744	134003	2.25	cps
Bromine	81-1	95107	108356	108516	103993	7.40	cps
Cadmium	111-1	1664	1551	1520	1578	4.81	cps
Cadmium	106-1	8119	7494	7069	7561	6.99	cps
Cadmium	108-1	50	63	75	63	20.00	cps
Calcium	43-1	1485321	1504588	1506813	1498907	0.79	cps
Calcium	44-1	23848407	23988032	23517522	23784654	1.02	cps
Carbon	12-1	27852795	29479382	29890570	29074249	3.71	cps
Carbon	12-2	315745	322627	323398	320590	1.31	cps
Chlorine	35-1	3023997	3144173	3258384	3142185	3.73	cps
Chlorine	35-2	22276	22902	23052	22743	1.81	cps
Chromium	52-2	3160	3177	3250	3196	1.50	cps
Cobalt	59-2	1303	1287	1310	1300	0.92	cps
Copper	63-2	19515	19902	20060	19826	1.41	cps
Dysprosium	156-1	708	667	667	681	3.53	cps
Dysprosium	156-2	317	343	320	327	4.45	cps
Erbium	164-1	425	333	242	333	27.50	cps
Erbium	164-2	147	127	160	144	11.61	cps
Gadolinium	160-1	908	800	708	806	12.43	cps
Gadolinium	160-2	503	430	457	463	8.01	cps
Holmium	165-1	12706254	12652479	12549342	12636025	0.63	cps
Holmium	165-2	6310917	6270631	6331920	6304489	0.49	cps
Indium	115-1	12695726	12560092	12093303	12449707	2.54	cps
Indium	115-2	1914830	1978350	1948116	1947099	1.63	cps
Iron	54-2	37165	36519	40589	38091	5.74	cps
Iron	56-2	671207	670986	660584	667592	0.91	cps
Iron	57-2	17828	18028	17978	17945	0.58	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:14:23	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	880	903	887	1.64	cps
Lead	206-1	2906	3039	3462	3136	9.25	cps
Lead	207-1	2517	2484	2861	2621	7.98	cps
Lead	208-1	11502	11769	13370	12214	8.27	cps
Lithium	6-1	4838911	4969444	5031888	4946748	1.99	cps
Magnesium	24-2	3326052	3329579	3312346	3322659	0.27	cps
Manganese	55-2	155834	156199	154904	155646	0.43	cps
Molybdenum	94-1	7019	6944	8186	7383	9.44	cps
Molybdenum	95-1	10988	10304	11630	10974	6.04	cps
Molybdenum	96-1	11747	11647	12856	12083	5.56	cps
Molybdenum	97-1	6910	6402	7235	6849	6.14	cps
Molybdenum	98-1	16794	16702	18037	17178	4.34	cps
Neodymium	150-1	367	267	260	298	20.07	cps
Neodymium	150-2	77	90	73	80	11.02	cps
Nickel	60-2	2414	2280	2270	2321	3.45	cps
Phosphorus	31-2	3000	2892	2750	2881	4.35	cps
Potassium	39-2	924831	922886	920888	922868	0.21	cps
Rhodium	103-1	12336152	12268340	12069489	12224660	1.13	cps
Rhodium	103-2	5843854	5837956	5603751	5761853	2.38	cps
Scandium	45-1	10265900	10478357	10289983	10344747	1.12	cps
Scandium	45-2	314256	315381	313636	314425	0.28	cps
Selenium	82-1	157	89	73	107	41.82	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	76	93	98	89	12.96	cps
Silicon	28-1	41218423	42110741	41608025	41645729	1.07	cps
Silver	107-1	275	242	333	283	16.38	cps
Silver	109-1	175	150	208	178	16.46	cps
Sodium	23-2	21926731	21295700	21387008	21536480	1.58	cps
Strontium	86-1	816982	813475	803195	811217	0.88	cps
Strontium	88-1	7026483	6900921	6857731	6928378	1.27	cps
Sulfur	34-1	1267419	1274987	1277064	1273157	0.40	cps
Terbium	159-1	13890721	13380781	13050752	13440751	3.15	cps
Terbium	159-2	6476561	6303291	6178635	6319496	2.37	cps
Thallium	203-1	525	467	600	531	12.60	cps
Thallium	205-1	1225	1317	1600	1381	14.16	cps
Tin	118-1	2134	2225	2542	2300	9.32	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:14:23	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3651	3484	4034	3723	7.58	cps
Uranium	238-1	5009	4443	4776	4743	6.01	cps
Vanadium	51-2	2437	2460	2294	2397	3.77	cps
Ytterbium	172-1	183	250	208	214	15.75	cps
Ytterbium	172-2	144	72	78	98	40.95	cps
Ytterbium	176-1	1800	1675	1483	1653	9.65	cps
Ytterbium	176-2	6702	7224	7458	7128	5.43	cps
Yttrium	89-1	29832338	30037959	29872979	29914425	0.36	cps
Yttrium	89-2	3258476	3204775	3119079	3194110	2.20	cps
Zinc	66-2	7169	7129	7038	7112	0.94	cps
Zirconium	90-1	2325	2484	2800	2536	9.54	cps
Zirconium	91-1	467	733	500	567	25.64	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:18:04	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3751	3709	3850	3770	1.92	cps
Antimony	121-1	2625	2475	2267	2456	7.33	cps
Arsenic	75-2	323	266	283	291	10.07	cps
Barium	135-1	152056	151445	147551	150350	1.63	cps
Barium	137-1	256488	258147	254162	256266	0.78	cps
Beryllium	9-1	108	94	84	95	12.65	cps
Bismuth	209-1	6810241	6644308	6799042	6751197	1.37	cps
Bismuth	209-2	4064803	4192001	4223244	4160016	2.02	cps
Boron	10-1	25878	27733	27699	27103	3.92	cps
Boron	11-1	129512	134821	136416	133583	2.71	cps
Bromine	81-1	92136	99815	105833	99261	6.92	cps
Cadmium	111-1	1464	1445	1369	1426	3.52	cps
Cadmium	106-1	7044	6969	6769	6927	2.05	cps
Cadmium	108-1	46	58	79	61	27.56	cps
Calcium	43-1	1442106	1479007	1388671	1436595	3.16	cps
Calcium	44-1	22148579	23112195	21884583	22381786	2.89	cps
Carbon	12-1	24112166	24511250	25357304	24660240	2.58	cps
Carbon	12-2	271207	279406	276803	275806	1.52	cps
Chlorine	35-1	3034579	3139927	3207281	3127263	2.78	cps
Chlorine	35-2	21658	22485	23904	22682	5.01	cps
Chromium	52-2	3107	3040	2987	3045	1.98	cps
Cobalt	59-2	1197	1337	1343	1292	6.41	cps
Copper	63-2	18872	18746	18960	18859	0.57	cps
Dysprosium	156-1	692	592	675	653	8.21	cps
Dysprosium	156-2	280	300	273	284	4.88	cps
Erbium	164-1	358	233	250	281	24.19	cps
Erbium	164-2	187	113	153	151	24.30	cps
Gadolinium	160-1	775	783	742	767	2.88	cps
Gadolinium	160-2	440	417	440	432	3.12	cps
Holmium	165-1	12414081	12601254	12420303	12478546	0.85	cps
Holmium	165-2	6172233	6177792	6232746	6194257	0.54	cps
Indium	115-1	12201769	12301840	12188380	12230663	0.51	cps
Indium	115-2	1902082	1928900	1952227	1927736	1.30	cps
Iron	54-2	34057	35779	34782	34873	2.48	cps
Iron	56-2	637076	632191	645630	638299	1.07	cps
Iron	57-2	17567	17099	17717	17461	1.84	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:18:04	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	883	867	913	7.33	cps
Lead	206-1	2734	2761	2767	2754	0.65	cps
Lead	207-1	2256	2417	2617	2430	7.45	cps
Lead	208-1	10619	11141	10846	10869	2.41	cps
Lithium	6-1	4757791	5014235	4914136	4895387	2.64	cps
Magnesium	24-2	3233373	3244932	3238280	3238862	0.18	cps
Manganese	55-2	151128	150511	149855	150498	0.42	cps
Molybdenum	94-1	6710	6768	6744	6741	0.43	cps
Molybdenum	95-1	10304	10154	10613	10357	2.26	cps
Molybdenum	96-1	11322	10930	10763	11005	2.61	cps
Molybdenum	97-1	6235	6402	6435	6357	1.69	cps
Molybdenum	98-1	15968	16786	15509	16087	4.02	cps
Neodymium	150-1	353	287	273	304	14.08	cps
Neodymium	150-2	100	107	80	96	14.52	cps
Nickel	60-2	2467	2390	2177	2345	6.41	cps
Phosphorus	31-2	2859	2759	2750	2789	2.16	cps
Potassium	39-2	873015	885184	893998	884066	1.19	cps
Rhodium	103-1	11828379	12152192	11875790	11952120	1.46	cps
Rhodium	103-2	5614917	5675599	5703586	5664701	0.80	cps
Scandium	45-1	10428239	10035576	10139223	10201013	1.99	cps
Scandium	45-2	309683	307402	307892	308325	0.39	cps
Selenium	82-1	19	127	159	102	71.98	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	80	102	104	95	13.97	cps
Silicon	28-1	40895764	39522678	39313931	39910791	2.15	cps
Silver	107-1	375	308	250	311	20.10	cps
Silver	109-1	250	258	183	231	17.83	cps
Sodium	23-2	20456296	20967716	20298479	20574164	1.70	cps
Strontium	86-1	778072	789675	779227	782325	0.82	cps
Strontium	88-1	6691394	6640594	6672198	6668062	0.38	cps
Sulfur	34-1	1271804	1248413	1234304	1251507	1.51	cps
Terbium	159-1	13551154	13494472	13147906	13397844	1.63	cps
Terbium	159-2	6132940	6302032	6090695	6175222	1.81	cps
Thallium	203-1	517	483	425	475	9.77	cps
Thallium	205-1	1158	1142	1058	1120	4.79	cps
Tin	118-1	2392	2225	2467	2361	5.24	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:18:04	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3426	3059	3676	3387	9.16	cps
Uranium	238-1	4893	4618	4226	4579	7.32	cps
Vanadium	51-2	2320	2277	2507	2368	5.16	cps
Ytterbium	172-1	225	225	267	239	10.07	cps
Ytterbium	172-2	117	128	72	106	27.85	cps
Ytterbium	176-1	1517	1667	1633	1606	4.91	cps
Ytterbium	176-2	6741	7630	7297	7222	6.22	cps
Yttrium	89-1	29917288	29728559	29991940	29879262	0.45	cps
Yttrium	89-2	3195436	3154819	3140337	3163530	0.90	cps
Zinc	66-2	7045	6818	6888	6917	1.68	cps
Zirconium	90-1	2450	2500	2584	2511	2.68	cps
Zirconium	91-1	550	550	558	553	0.87	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:21:02	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3669	3365	3629	3554	4.64	cps
Antimony	121-1	1142	1333	1008	1161	14.07	cps
Arsenic	75-2	236	215	221	224	4.83	cps
Barium	135-1	137344	140172	132421	136646	2.87	cps
Barium	137-1	238834	237686	231801	236107	1.60	cps
Beryllium	9-1	66	114	106	95	26.97	cps
Bismuth	209-1	6846868	6784872	6775374	6802371	0.57	cps
Bismuth	209-2	4091572	4204636	4297240	4197816	2.45	cps
Boron	10-1	16812	17257	17377	17149	1.73	cps
Boron	11-1	81797	81947	83510	82418	1.15	cps
Bromine	81-1	80311	87420	93728	87153	7.70	cps
Cadmium	111-1	1457	1365	1448	1423	3.56	cps
Cadmium	106-1	7185	6944	7102	7077	1.74	cps
Cadmium	108-1	38	88	50	58	44.61	cps
Calcium	43-1	1388374	1431079	1347735	1389063	3.00	cps
Calcium	44-1	22637465	22881335	22284946	22601249	1.33	cps
Carbon	12-1	23034935	24988887	25453720	24492514	5.24	cps
Carbon	12-2	270782	274179	276908	273956	1.12	cps
Chlorine	35-1	2963749	3078832	3117967	3053516	2.63	cps
Chlorine	35-2	21375	21341	21992	21569	1.70	cps
Chromium	52-2	2857	2920	2914	2897	1.20	cps
Cobalt	59-2	800	727	827	784	6.60	cps
Copper	63-2	7796	7979	7653	7809	2.09	cps
Dysprosium	156-1	242	225	392	286	32.08	cps
Dysprosium	156-2	133	157	167	152	11.24	cps
Erbium	164-1	350	308	317	325	6.78	cps
Erbium	164-2	97	150	160	136	25.12	cps
Gadolinium	160-1	342	267	358	322	15.15	cps
Gadolinium	160-2	253	313	310	292	11.54	cps
Holmium	165-1	12765003	12753318	12421606	12646642	1.54	cps
Holmium	165-2	5986445	6276800	6284374	6182540	2.75	cps
Indium	115-1	12087373	12430124	12029221	12182239	1.78	cps
Indium	115-2	1953042	1955567	1955133	1954581	0.07	cps
Iron	54-2	21511	22078	22624	22071	2.52	cps
Iron	56-2	395950	399694	398333	397992	0.48	cps
Iron	57-2	10854	11494	11933	11427	4.75	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:21:02	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	927	860	926	7.02	cps
Lead	206-1	2322	2028	2150	2167	6.83	cps
Lead	207-1	1867	1706	1783	1785	4.51	cps
Lead	208-1	9454	8051	8207	8570	8.97	cps
Lithium	6-1	4954952	5105517	4811784	4957418	2.96	cps
Magnesium	24-2	3296493	3245133	3265429	3269018	0.79	cps
Manganese	55-2	42804	43469	43546	43273	0.94	cps
Molybdenum	94-1	3317	3150	3042	3170	4.37	cps
Molybdenum	95-1	4493	4593	4593	4559	1.27	cps
Molybdenum	96-1	5610	4943	5051	5201	6.88	cps
Molybdenum	97-1	2850	2492	2984	2775	9.16	cps
Molybdenum	98-1	6402	6952	6785	6713	4.20	cps
Neodymium	150-1	280	353	293	309	12.65	cps
Neodymium	150-2	77	70	110	86	25.05	cps
Nickel	60-2	3234	3034	2980	3083	4.33	cps
Phosphorus	31-2	425	367	400	397	7.37	cps
Potassium	39-2	625926	624172	616269	622122	0.83	cps
Rhodium	103-1	12214202	12273063	11814567	12100611	2.06	cps
Rhodium	103-2	5725115	5881555	5774420	5793697	1.38	cps
Scandium	45-1	10228960	10445853	10189972	10288262	1.34	cps
Scandium	45-2	308502	312237	314167	311636	0.92	cps
Selenium	82-1	13	21	131	55	119.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	92	78	83	9.78	cps
Silicon	28-1	42090253	43092479	41310825	42164519	2.12	cps
Silver	107-1	175	142	125	147	17.30	cps
Silver	109-1	75	125	167	122	37.55	cps
Sodium	23-2	16194893	16251964	15917869	16121575	1.11	cps
Strontium	86-1	745672	735622	733852	738382	0.86	cps
Strontium	88-1	6430853	6496132	6225336	6384107	2.21	cps
Sulfur	34-1	943658	938707	920575	934313	1.30	cps
Terbium	159-1	13250880	13109012	12851204	13070366	1.55	cps
Terbium	159-2	6271319	6358182	6311302	6313601	0.69	cps
Thallium	203-1	458	433	450	447	2.85	cps
Thallium	205-1	1150	1008	1075	1078	6.58	cps
Tin	118-1	1550	1542	1367	1486	6.97	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:21:02	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3267	3084	3334	3228	4.01	cps
Uranium	238-1	7060	6177	6435	6557	6.93	cps
Vanadium	51-2	2194	1983	2137	2105	5.16	cps
Ytterbium	172-1	217	258	192	222	15.16	cps
Ytterbium	172-2	156	100	117	124	22.98	cps
Ytterbium	176-1	1775	1717	1575	1689	6.09	cps
Ytterbium	176-2	6391	7230	7235	6952	6.99	cps
Yttrium	89-1	29910660	30165293	29716290	29930747	0.75	cps
Yttrium	89-2	3182685	3251068	3253049	3228934	1.24	cps
Zinc	66-2	12846	12699	12559	12701	1.13	cps
Zirconium	90-1	1800	2150	1750	1900	11.48	cps
Zirconium	91-1	567	408	342	439	26.35	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-20 15:23:58	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	866	876	841	861	2.09	cps
Antimony	121-1	250	383	467	367	29.81	cps
Arsenic	75-2	45	49	52	49	7.23	cps
Barium	135-1	27195	28021	26076	27097	3.60	cps
Barium	137-1	46271	47191	46288	46584	1.13	cps
Beryllium	9-1	92	98	82	91	8.92	cps
Bismuth	209-1	6959523	7095886	6702277	6919229	2.89	cps
Bismuth	209-2	4041248	4204262	4163222	4136244	2.05	cps
Boron	10-1	5612	5596	5434	5547	1.78	cps
Boron	11-1	26773	27238	26288	26766	1.77	cps
Bromine	81-1	48363	48324	47981	48222	0.44	cps
Cadmium	111-1	1437	1509	1447	1464	2.67	cps
Cadmium	106-1	7110	7394	7119	7208	2.24	cps
Cadmium	108-1	63	46	38	49	26.19	cps
Calcium	43-1	268311	273894	263626	268610	1.91	cps
Calcium	44-1	4329331	4627578	4447891	4468266	3.36	cps
Carbon	12-1	10503737	10600136	10551485	10551786	0.46	cps
Carbon	12-2	109077	104295	105386	106253	2.36	cps
Chlorine	35-1	2082023	2042965	2008434	2044474	1.80	cps
Chlorine	35-2	12389	11613	12239	12080	3.41	cps
Chromium	52-2	1483	1410	1460	1451	2.58	cps
Cobalt	59-2	223	203	247	224	9.66	cps
Copper	63-2	3215	3157	3133	3168	1.33	cps
Dysprosium	156-1	83	58	108	83	30.00	cps
Dysprosium	156-2	43	17	27	29	46.62	cps
Erbium	164-1	133	108	133	125	11.55	cps
Erbium	164-2	67	47	53	56	18.33	cps
Gadolinium	160-1	158	133	200	164	20.55	cps
Gadolinium	160-2	127	123	127	126	1.53	cps
Holmium	165-1	12812845	12178325	11948573	12313248	3.64	cps
Holmium	165-2	6127125	6199534	6168557	6165072	0.59	cps
Indium	115-1	12481557	12184120	12059713	12241797	1.77	cps
Indium	115-2	1932540	1941938	1933487	1935988	0.27	cps
Iron	54-2	5273	5318	5368	5320	0.89	cps
Iron	56-2	92493	85030	87489	88338	4.31	cps
Iron	57-2	2411	2500	2578	2497	3.34	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-20 15:23:58	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	893	960	923	3.66	cps
Lead	206-1	1822	2022	1811	1885	6.30	cps
Lead	207-1	1550	1583	1445	1526	4.75	cps
Lead	208-1	7140	7356	7001	7166	2.50	cps
Lithium	6-1	4828300	4973586	4752689	4851525	2.31	cps
Magnesium	24-2	634445	634274	637636	635451	0.30	cps
Manganese	55-2	9360	9273	8900	9177	2.66	cps
Molybdenum	94-1	1058	1142	1142	1114	4.32	cps
Molybdenum	95-1	983	1308	1133	1142	14.25	cps
Molybdenum	96-1	1325	1267	1358	1317	3.52	cps
Molybdenum	97-1	700	833	700	744	10.34	cps
Molybdenum	98-1	1683	1800	1600	1695	5.93	cps
Neodymium	150-1	67	120	87	91	29.57	cps
Neodymium	150-2	37	23	20	27	33.08	cps
Nickel	60-2	973	1010	1100	1028	6.34	cps
Phosphorus	31-2	150	150	175	158	9.12	cps
Potassium	39-2	143391	142459	144629	143493	0.76	cps
Rhodium	103-1	11927034	12238849	11323362	11829749	3.93	cps
Rhodium	103-2	5683126	5776626	5694380	5718044	0.89	cps
Scandium	45-1	10203221	10407257	10038846	10216442	1.81	cps
Scandium	45-2	299429	298021	304301	300584	1.10	cps
Selenium	82-1	117	91	-5	67	95.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	57	84	64	68	20.50	cps
Silicon	28-1	8872807	8771749	8622288	8755614	1.44	cps
Silver	107-1	158	217	108	161	33.65	cps
Silver	109-1	167	125	58	117	46.84	cps
Sodium	23-2	3275178	3169880	3276842	3240633	1.89	cps
Strontium	86-1	148637	152109	146348	149032	1.95	cps
Strontium	88-1	1252263	1263475	1225939	1247226	1.54	cps
Sulfur	34-1	627201	626805	626188	626731	0.08	cps
Terbium	159-1	13134760	13567872	13536466	13413033	1.80	cps
Terbium	159-2	6040128	6076206	6155952	6090762	0.97	cps
Thallium	203-1	350	375	475	400	16.54	cps
Thallium	205-1	1125	833	975	978	14.92	cps
Tin	118-1	2225	2167	2217	2203	1.43	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-20 15:23:58	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	908	900	767	858	9.26	cps
Uranium	238-1	1242	1275	1383	1300	5.70	cps
Vanadium	51-2	437	440	433	437	0.76	cps
Ytterbium	172-1	83	67	75	75	11.11	cps
Ytterbium	172-2	39	72	39	50	38.49	cps
Ytterbium	176-1	1600	1183	1400	1395	14.95	cps
Ytterbium	176-2	6552	7113	7436	7034	6.36	cps
Yttrium	89-1	29778360	30004243	28529670	29437424	2.70	cps
Yttrium	89-2	3077513	3143699	3148926	3123379	1.27	cps
Zinc	66-2	5828	5841	5771	5813	0.64	cps
Zirconium	90-1	1500	1542	1575	1539	2.44	cps
Zirconium	91-1	258	342	408	336	22.36	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : M4286-01A Instrumnet Name : P8
 Client Sample ID : SW-RR-01-(2.0)A Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 15:26:58 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1032015	1032126	1021801	1028647	0.58	cps
Antimony	121-1	6151614	6287265	6176448	6205109	1.16	cps
Arsenic	75-2	199953	199983	199847	199928	0.04	cps
Barium	135-1	7693547	7914644	7631630	7746607	1.92	cps
Barium	137-1	13149416	13261689	13106032	13172379	0.61	cps
Beryllium	9-1	1713605	1679676	1770766	1721349	2.67	cps
Bismuth	209-1	6892739	6669794	6742421	6768318	1.68	cps
Bismuth	209-2	3968099	4003383	3984755	3985413	0.44	cps
Boron	10-1	189260	194925	201269	195152	3.08	cps
Boron	11-1	894397	886044	928899	903113	2.52	cps
Bromine	81-1	65088	68336	73617	69014	6.24	cps
Cadmium	111-1	1561472	1530154	1561552	1551060	1.17	cps
Cadmium	106-1	184698	183234	180582	182838	1.14	cps
Cadmium	108-1	124926	121740	122875	123181	1.31	cps
Calcium	43-1	3850104	4020451	3898509	3923021	2.24	cps
Calcium	44-1	61989910	63443408	62626852	62686723	1.16	cps
Carbon	12-1	18735562	20567922	21026769	20110084	6.03	cps
Carbon	12-2	230471	231456	239202	233710	2.05	cps
Chlorine	35-1	2650399	2726527	2799910	2725612	2.74	cps
Chlorine	35-2	18754	19355	19989	19366	3.19	cps
Chromium	52-2	2305967	2250735	2308220	2288307	1.42	cps
Cobalt	59-2	3959667	3971461	3955570	3962232	0.21	cps
Copper	63-2	31552775	32524748	32155397	32077640	1.53	cps
Dysprosium	156-1	550	525	733	603	18.87	cps
Dysprosium	156-2	330	340	267	312	12.74	cps
Erbium	164-1	325	342	400	356	11.08	cps
Erbium	164-2	170	143	180	164	11.52	cps
Gadolinium	160-1	633	583	542	586	7.83	cps
Gadolinium	160-2	400	350	337	362	9.22	cps
Holmium	165-1	13061082	12208604	12805339	12691675	3.45	cps
Holmium	165-2	6156864	6198647	6245362	6200291	0.71	cps
Indium	115-1	12007946	11897851	12115014	12006937	0.90	cps
Indium	115-2	1801171	1864400	1848406	1837993	1.79	cps
Iron	54-2	4819253	4722327	4874816	4805466	1.61	cps
Iron	56-2	86942613	84022541	85574616	85513257	1.71	cps
Iron	57-2	2168748	2168325	2186736	2174603	0.48	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:26:58	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	950	850	897	5.61	cps
Lead	206-1	19571464	19003777	19584103	19386448	1.71	cps
Lead	207-1	16792395	16830788	16770251	16797811	0.18	cps
Lead	208-1	77921557	77332106	76730579	77328081	0.77	cps
Lithium	6-1	4878725	4883775	4967295	4909932	1.01	cps
Magnesium	24-2	21293842	20761352	20677284	20910826	1.60	cps
Manganese	55-2	12103493	11789539	11814170	11902401	1.47	cps
Molybdenum	94-1	15311418	14980099	14921746	15071088	1.39	cps
Molybdenum	95-1	18330452	18141507	17933858	18135272	1.09	cps
Molybdenum	96-1	20593319	20072659	20333726	20333235	1.28	cps
Molybdenum	97-1	11100881	11054272	10971603	11042252	0.59	cps
Molybdenum	98-1	28435833	29088813	28449365	28658004	1.30	cps
Neodymium	150-1	687	547	580	604	12.10	cps
Neodymium	150-2	127	107	110	114	9.36	cps
Nickel	60-2	1044376	1040395	1028516	1037762	0.80	cps
Phosphorus	31-2	517	383	433	444	15.16	cps
Potassium	39-2	6594858	6678809	6691439	6655035	0.79	cps
Rhodium	103-1	11637915	11593397	11482829	11571381	0.69	cps
Rhodium	103-2	5484924	5605816	5438874	5509871	1.56	cps
Scandium	45-1	10192737	10249535	10407917	10283396	1.08	cps
Scandium	45-2	303134	308236	296848	302740	1.88	cps
Selenium	82-1	127320	126830	126190	126780	0.45	cps
Selenium	77-2	3741	3737	3854	3777	1.76	cps
Selenium	78-2	12910	13180	12998	13029	1.05	cps
Silicon	28-1	44591956	45080021	44984273	44885417	0.58	cps
Silver	107-1	16497217	3514952	3467447	7826539	95.94	cps
Silver	109-1	3496770	3279207	3376045	3384007	3.22	cps
Sodium	23-2	47182976	46179099	46475296	46612457	1.11	cps
Strontium	86-1	25722842	25058328	24922229	25234466	1.70	cps
Strontium	88-1	218852930	213776409	214864242	215831194	1.24	cps
Sulfur	34-1	922422	932753	912048	922408	1.12	cps
Terbium	159-1	13520419	13688344	13444590	13551118	0.92	cps
Terbium	159-2	6063450	6297360	6045110	6135307	2.29	cps
Thallium	203-1	4803667	4752212	4933218	4829699	1.93	cps
Thallium	205-1	11032802	11239740	11187435	11153326	0.96	cps
Tin	118-1	5249462	5477693	5453101	5393419	2.32	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:26:58	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6001560	6145520	6157908	6101663	1.42	cps
Uranium	238-1	14161879	14232424	13717380	14037228	1.99	cps
Vanadium	51-2	1828933	1831834	1903133	1854633	2.27	cps
Ytterbium	172-1	300	242	275	272	10.75	cps
Ytterbium	172-2	211	178	156	181	15.41	cps
Ytterbium	176-1	1734	1642	1750	1709	3.42	cps
Ytterbium	176-2	6885	7152	7313	7117	3.04	cps
Yttrium	89-1	29821070	29128174	29702175	29550473	1.25	cps
Yttrium	89-2	3187429	3181287	3137440	3168719	0.86	cps
Zinc	66-2	3326641	3414282	3455592	3398838	1.94	cps
Zirconium	90-1	13170948	13011480	13222198	13134875	0.84	cps
Zirconium	91-1	2989576	2925560	2972040	2962392	1.12	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:29:53	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1030117	1023844	1029266	1027742	0.33	cps
Antimony	121-1	6246820	6391694	6242077	6293530	1.35	cps
Arsenic	75-2	201313	199439	200987	200580	0.50	cps
Barium	135-1	8057193	7980357	7929033	7988861	0.81	cps
Barium	137-1	13499846	13411154	13349716	13420239	0.56	cps
Beryllium	9-1	1741911	1743129	1706767	1730603	1.19	cps
Bismuth	209-1	7270791	6720278	7159562	7050210	4.13	cps
Bismuth	209-2	4090507	4101092	4140397	4110665	0.64	cps
Boron	10-1	201598	208274	217308	209060	3.77	cps
Boron	11-1	934940	962229	973584	956918	2.08	cps
Bromine	81-1	74419	78460	85231	79370	6.88	cps
Cadmium	111-1	1569952	1620270	1539148	1576457	2.60	cps
Cadmium	106-1	191670	180261	185164	185698	3.08	cps
Cadmium	108-1	120484	126086	122452	123008	2.31	cps
Calcium	43-1	3901069	3924596	3957402	3927689	0.72	cps
Calcium	44-1	62553381	61868224	63423820	62615141	1.25	cps
Carbon	12-1	20374172	21480555	21942851	21265859	3.79	cps
Carbon	12-2	234025	243624	244752	240800	2.45	cps
Chlorine	35-1	2877077	2968212	3012953	2952747	2.35	cps
Chlorine	35-2	20131	20098	20916	20382	2.27	cps
Chromium	52-2	2276766	2276020	2279827	2277538	0.09	cps
Cobalt	59-2	4057191	3979488	4015829	4017503	0.97	cps
Copper	63-2	33396057	32512046	31919270	32609124	2.28	cps
Dysprosium	156-1	558	600	608	589	4.55	cps
Dysprosium	156-2	257	277	287	273	5.59	cps
Erbium	164-1	350	408	292	350	16.67	cps
Erbium	164-2	123	157	153	144	12.71	cps
Gadolinium	160-1	500	542	575	539	6.97	cps
Gadolinium	160-2	363	390	380	378	3.57	cps
Holmium	165-1	13519427	12370797	13067449	12985891	4.46	cps
Holmium	165-2	6353716	6360421	6392858	6368998	0.33	cps
Indium	115-1	12470128	11937584	12840311	12416007	3.65	cps
Indium	115-2	1904992	1907539	1943193	1918575	1.11	cps
Iron	54-2	4809889	4756679	4803406	4789991	0.61	cps
Iron	56-2	86436919	85810863	86901771	86383184	0.63	cps
Iron	57-2	2201957	2198673	2155971	2185534	1.17	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:29:53	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	867	867	911	8.45	cps
Lead	206-1	20577975	19899264	19892269	20123169	1.96	cps
Lead	207-1	17802446	17537294	17414553	17584765	1.13	cps
Lead	208-1	81096168	79935440	79761902	80264503	0.90	cps
Lithium	6-1	4879174	5117505	5124204	5040294	2.77	cps
Magnesium	24-2	19475595	19118609	19209380	19267861	0.96	cps
Manganese	55-2	11803996	11862514	11744876	11803795	0.50	cps
Molybdenum	94-1	15177683	15644187	15114360	15312076	1.89	cps
Molybdenum	95-1	18591138	18623730	18401291	18538719	0.65	cps
Molybdenum	96-1	20634387	21068407	20646488	20783094	1.19	cps
Molybdenum	97-1	11171114	11561686	11133853	11288885	2.10	cps
Molybdenum	98-1	29144807	29439507	28651668	29078661	1.37	cps
Neodymium	150-1	600	660	640	633	4.82	cps
Neodymium	150-2	123	120	97	113	12.82	cps
Nickel	60-2	1041324	1036696	1035329	1037783	0.30	cps
Phosphorus	31-2	383	417	417	406	4.74	cps
Potassium	39-2	6718259	6576722	6601087	6632023	1.14	cps
Rhodium	103-1	12210933	11559765	12068924	11946541	2.87	cps
Rhodium	103-2	5585478	5595734	5672011	5617741	0.84	cps
Scandium	45-1	10447790	10078578	10801310	10442559	3.46	cps
Scandium	45-2	311457	310176	311221	310951	0.22	cps
Selenium	82-1	128177	128776	126710	127887	0.83	cps
Selenium	77-2	3827	3704	3874	3802	2.31	cps
Selenium	78-2	12825	13188	13228	13080	1.70	cps
Silicon	28-1	46114932	46540406	44997549	45884296	1.74	cps
Silver	107-1	2791815	5301391	2656555	3583254	41.57	cps
Silver	109-1	2576073	2580502	2480418	2545664	2.22	cps
Sodium	23-2	46957247	46274770	47266545	46832854	1.08	cps
Strontium	86-1	26376627	26078424	25729712	26061587	1.24	cps
Strontium	88-1	223012297	221797130	219397205	221402211	0.83	cps
Sulfur	34-1	910405	903792	917935	910711	0.78	cps
Terbium	159-1	14002072	13274779	14054711	13777187	3.16	cps
Terbium	159-2	6271593	6316448	6401760	6329934	1.04	cps
Thallium	203-1	4967387	4996049	4911004	4958147	0.87	cps
Thallium	205-1	11374218	11700402	11352913	11475844	1.70	cps
Tin	118-1	5560610	5539514	5607993	5569372	0.63	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:29:53	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6152326	6145355	6198576	6165419	0.47	cps
Uranium	238-1	14188724	14238672	14224697	14217364	0.18	cps
Vanadium	51-2	1847065	1813037	1833477	1831193	0.94	cps
Ytterbium	172-1	217	225	267	236	11.35	cps
Ytterbium	172-2	144	128	139	137	6.19	cps
Ytterbium	176-1	1842	1617	1942	1800	9.25	cps
Ytterbium	176-2	6635	6802	7563	7000	7.07	cps
Yttrium	89-1	30427012	29459665	31179744	30355473	2.84	cps
Yttrium	89-2	3151423	3163908	3233240	3182857	1.38	cps
Zinc	66-2	3475307	3404743	3438154	3439402	1.03	cps
Zirconium	90-1	13248488	13664634	13369661	13427594	1.59	cps
Zirconium	91-1	2986187	3049614	2957926	2997909	1.57	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:32:48	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1031383	1027262	1025775	1028140	0.28	cps
Antimony	121-1	6046871	6116402	6038663	6067312	0.70	cps
Arsenic	75-2	202023	200874	199751	200882	0.57	cps
Barium	135-1	7798066	7703416	7698508	7733330	0.73	cps
Barium	137-1	13544384	13049195	12934892	13176157	2.46	cps
Beryllium	9-1	1750636	1644137	1736098	1710291	3.38	cps
Bismuth	209-1	6855956	6845246	6645949	6782384	1.74	cps
Bismuth	209-2	4055460	4131842	3982765	4056689	1.84	cps
Boron	10-1	201489	207363	211223	206691	2.37	cps
Boron	11-1	912076	898610	997210	935966	5.71	cps
Bromine	81-1	71606	74816	80450	75624	5.92	cps
Cadmium	111-1	1526237	1569974	1559807	1552006	1.47	cps
Cadmium	106-1	177844	181445	181951	180413	1.24	cps
Cadmium	108-1	120076	121490	120937	120834	0.59	cps
Calcium	43-1	3931438	3866406	3982109	3926651	1.48	cps
Calcium	44-1	62140868	61431133	62239611	61937204	0.71	cps
Carbon	12-1	16931371	17709179	19015902	17885484	5.89	cps
Carbon	12-2	204056	203581	205011	204216	0.36	cps
Chlorine	35-1	2978205	3044238	3127985	3050143	2.46	cps
Chlorine	35-2	20315	21074	21116	20835	2.16	cps
Chromium	52-2	2295151	2293021	2223757	2270643	1.79	cps
Cobalt	59-2	4024947	4037782	4086874	4049868	0.81	cps
Copper	63-2	31754209	32420941	32185231	32120127	1.05	cps
Dysprosium	156-1	575	608	550	578	5.07	cps
Dysprosium	156-2	293	207	340	280	24.16	cps
Erbium	164-1	317	392	292	333	15.61	cps
Erbium	164-2	187	157	140	161	14.68	cps
Gadolinium	160-1	550	500	675	575	15.68	cps
Gadolinium	160-2	387	387	390	388	0.50	cps
Holmium	165-1	12748652	12859258	12875628	12827846	0.54	cps
Holmium	165-2	6426032	6387297	6119884	6311071	2.64	cps
Indium	115-1	12051918	11736249	12129821	11972663	1.74	cps
Indium	115-2	1889442	1863456	1831095	1861331	1.57	cps
Iron	54-2	4860521	4839071	4778242	4825945	0.88	cps
Iron	56-2	85414905	84972360	86617549	85668271	0.99	cps
Iron	57-2	2213644	2185442	2235963	2211683	1.14	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:32:48	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	970	1010	952	7.19	cps
Lead	206-1	19307273	19710387	19119925	19379195	1.56	cps
Lead	207-1	16930836	16964296	16414699	16769944	1.84	cps
Lead	208-1	77345642	77682118	75666679	76898147	1.40	cps
Lithium	6-1	4903755	4784000	4981067	4889607	2.03	cps
Magnesium	24-2	19821044	20784848	20262587	20289493	2.38	cps
Manganese	55-2	11921554	11730421	11827851	11826609	0.81	cps
Molybdenum	94-1	14989912	15047819	15017184	15018305	0.19	cps
Molybdenum	95-1	18065223	18101537	17994111	18053624	0.30	cps
Molybdenum	96-1	19958690	20182400	20026003	20055697	0.57	cps
Molybdenum	97-1	10767225	11009456	10919856	10898846	1.12	cps
Molybdenum	98-1	28290968	28513432	28662666	28489022	0.66	cps
Neodymium	150-1	700	473	600	591	19.22	cps
Neodymium	150-2	83	80	83	82	2.34	cps
Nickel	60-2	1046796	1029060	1050343	1042066	1.09	cps
Phosphorus	31-2	342	558	442	447	24.25	cps
Potassium	39-2	6713789	6678979	6676425	6689731	0.31	cps
Rhodium	103-1	11812804	11625660	11629512	11689325	0.91	cps
Rhodium	103-2	5537993	5545956	5403361	5495770	1.46	cps
Scandium	45-1	10256665	10063589	10402331	10240862	1.66	cps
Scandium	45-2	309260	307273	306717	307750	0.43	cps
Selenium	82-1	125621	125675	127320	126205	0.76	cps
Selenium	77-2	3991	3811	4061	3954	3.26	cps
Selenium	78-2	13091	13035	12988	13038	0.40	cps
Silicon	28-1	44929591	45097262	44875297	44967383	0.26	cps
Silver	107-1	5343226	4933180	4822888	5033098	5.45	cps
Silver	109-1	5607715	4550332	4853346	5003798	10.88	cps
Sodium	23-2	45451198	47207549	45750665	46136470	2.04	cps
Strontium	86-1	24867583	25169532	25088276	25041797	0.62	cps
Strontium	88-1	209622146	217727913	211716792	213022284	1.98	cps
Sulfur	34-1	888948	883214	889315	887159	0.39	cps
Terbium	159-1	13332494	13206202	13405786	13314827	0.76	cps
Terbium	159-2	6229804	6167978	6165788	6187857	0.59	cps
Thallium	203-1	4734079	4748305	4803475	4761953	0.77	cps
Thallium	205-1	11043493	11001803	10946797	10997364	0.44	cps
Tin	118-1	5391683	5383643	5306948	5360758	0.87	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	M4286-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:32:48	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5947295	6073644	6005795	6008911	1.05	cps
Uranium	238-1	13610282	14324594	13850425	13928433	2.61	cps
Vanadium	51-2	1837796	1832338	1798909	1823014	1.15	cps
Ytterbium	172-1	250	225	267	247	8.48	cps
Ytterbium	172-2	178	100	128	135	29.16	cps
Ytterbium	176-1	1750	1450	1875	1692	12.91	cps
Ytterbium	176-2	6602	7258	7297	7052	5.54	cps
Yttrium	89-1	29585008	28866027	30071558	29507531	2.06	cps
Yttrium	89-2	3214896	3122275	3104996	3147389	1.88	cps
Zinc	66-2	3444260	3471633	3482517	3466137	0.57	cps
Zirconium	90-1	13153575	12996308	13254079	13134654	0.99	cps
Zirconium	91-1	2987237	2908661	2954759	2950219	1.34	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:41:43	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5427478	5327619	5353952	5369683	0.96	cps
Antimony	121-1	5721999	5705180	5833148	5753442	1.21	cps
Arsenic	75-2	193222	193493	190588	192434	0.83	cps
Barium	135-1	7265124	7373969	7666376	7435156	2.79	cps
Barium	137-1	12258837	12679259	12844451	12594182	2.40	cps
Beryllium	9-1	1589803	1624866	1602426	1605698	1.11	cps
Bismuth	209-1	6337184	6331340	6410144	6359556	0.69	cps
Bismuth	209-2	3973362	3919787	3917697	3936949	0.80	cps
Boron	10-1	175074	183621	186142	181612	3.19	cps
Boron	11-1	840088	878988	870419	863165	2.37	cps
Bromine	81-1	29321	28208	29471	29000	2.38	cps
Cadmium	111-1	1374787	1398988	1396618	1390131	0.96	cps
Cadmium	106-1	167573	169923	171037	169511	1.04	cps
Cadmium	108-1	110144	113077	111744	111655	1.32	cps
Calcium	43-1	12412821	12908750	12675674	12665748	1.96	cps
Calcium	44-1	199949396	207354342	197358136	201553958	2.57	cps
Carbon	12-1	7304159	7448925	7794469	7515851	3.35	cps
Carbon	12-2	83923	83823	86102	84616	1.52	cps
Chlorine	35-1	1243855	1242047	1207452	1231118	1.67	cps
Chlorine	35-2	7294	7535	7019	7283	3.55	cps
Chromium	52-2	2161299	2130560	2085771	2125877	1.79	cps
Cobalt	59-2	3700923	3653499	3652788	3669070	0.75	cps
Copper	63-2	29293508	28631854	28964109	28963157	1.14	cps
Dysprosium	156-1	1142	975	975	1031	9.34	cps
Dysprosium	156-2	547	463	477	496	9.03	cps
Erbium	164-1	183	233	358	258	34.89	cps
Erbium	164-2	133	87	80	100	29.06	cps
Gadolinium	160-1	967	1017	950	978	3.55	cps
Gadolinium	160-2	597	533	620	583	7.69	cps
Holmium	165-1	12535812	12644176	12502024	12560671	0.59	cps
Holmium	165-2	6272958	6384730	6402093	6353260	1.10	cps
Indium	115-1	11625961	11315550	11876733	11606082	2.42	cps
Indium	115-2	1841756	1900535	1868603	1870298	1.57	cps
Iron	54-2	22106152	21813132	21632919	21850734	1.09	cps
Iron	56-2	406235476	405218009	407115442	406189642	0.23	cps
Iron	57-2	10191766	10086417	9825979	10034720	1.88	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:41:43	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	1020	910	952	6.23	cps
Lead	206-1	18209752	17890319	17720000	17940024	1.39	cps
Lead	207-1	15053633	15444042	15685065	15394247	2.07	cps
Lead	208-1	69697222	70815792	71140727	70551247	1.07	cps
Lithium	6-1	4677589	4829782	4947085	4818152	2.80	cps
Magnesium	24-2	78912466	78439133	79097075	78816225	0.43	cps
Manganese	55-2	11046856	10874586	10849846	10923762	0.98	cps
Molybdenum	94-1	14486051	14891271	14572760	14650027	1.46	cps
Molybdenum	95-1	17775184	18028346	18042862	17948797	0.84	cps
Molybdenum	96-1	19628351	20243377	20125067	19998932	1.63	cps
Molybdenum	97-1	10754645	10971138	10719384	10815056	1.26	cps
Molybdenum	98-1	27751680	28148248	28208676	28036201	0.89	cps
Neodymium	150-1	440	467	313	407	20.15	cps
Neodymium	150-2	50	67	37	51	29.41	cps
Nickel	60-2	1012520	1003115	993271	1002968	0.96	cps
Phosphorus	31-2	54588	54561	54729	54626	0.17	cps
Potassium	39-2	30238492	29746095	29593930	29859506	1.13	cps
Rhodium	103-1	11090605	11087679	11174798	11117694	0.45	cps
Rhodium	103-2	5306080	5455397	5383303	5381593	1.39	cps
Scandium	45-1	9938596	9944856	10165355	10016269	1.29	cps
Scandium	45-2	310420	311179	313693	311764	0.55	cps
Selenium	82-1	122383	124225	124184	123597	0.85	cps
Selenium	77-2	3697	3681	3861	3746	2.66	cps
Selenium	78-2	12940	13051	12828	12940	0.86	cps
Silicon	28-1	5734095	6000582	6234584	5989753	4.18	cps
Silver	107-1	8262343	8311630	8504637	8359537	1.53	cps
Silver	109-1	7816879	8022964	7799950	7879931	1.58	cps
Sodium	23-2	150094483	150626149	149265895	149995509	0.46	cps
Strontium	86-1	23885663	23973413	23848648	23902574	0.27	cps
Strontium	88-1	197528442	206291709	203949063	202589738	2.24	cps
Sulfur	34-1	1170426	1180244	1222659	1191109	2.33	cps
Terbium	159-1	13201995	13138641	13109121	13149919	0.36	cps
Terbium	159-2	6332799	6400902	6462911	6398871	1.02	cps
Thallium	203-1	4403791	4559310	4395168	4452756	2.07	cps
Thallium	205-1	10276994	10244308	10326808	10282703	0.40	cps
Tin	118-1	5123672	5052116	5185772	5120520	1.31	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:41:43	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5830639	5864488	5932282	5875803	0.88	cps
Uranium	238-1	12685441	13134767	12952129	12924112	1.75	cps
Vanadium	51-2	1731850	1767313	1734151	1744438	1.14	cps
Ytterbium	172-1	158	142	75	125	35.28	cps
Ytterbium	172-2	61	44	50	52	16.36	cps
Ytterbium	176-1	20099	21193	19840	20377	3.52	cps
Ytterbium	176-2	16889	16995	16905	16930	0.34	cps
Yttrium	89-1	29031107	29432314	29133455	29198958	0.71	cps
Yttrium	89-2	3210085	3335032	3231908	3259008	2.05	cps
Zinc	66-2	3087558	3002281	3006282	3032040	1.59	cps
Zirconium	90-1	12575585	13068479	12716048	12786704	1.99	cps
Zirconium	91-1	2861385	2845838	2854399	2853874	0.27	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:58:20	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165	154	170	163	5.11	cps
Antimony	121-1	275	358	567	400	37.56	cps
Arsenic	75-2	7	10	11	9	22.30	cps
Barium	135-1	33	33	125	64	82.84	cps
Barium	137-1	200	100	192	164	33.86	cps
Beryllium	9-1	104	114	142	120	16.41	cps
Bismuth	209-1	6903156	6759191	6870361	6844236	1.10	cps
Bismuth	209-2	4205878	4177080	4138465	4173807	0.81	cps
Boron	10-1	3482	3542	3554	3526	1.09	cps
Boron	11-1	17145	16452	16714	16770	2.09	cps
Bromine	81-1	27776	26262	27185	27074	2.82	cps
Cadmium	111-1	1416	1384	1379	1393	1.44	cps
Cadmium	106-1	6969	6810	6602	6794	2.71	cps
Cadmium	108-1	88	58	71	72	20.26	cps
Calcium	43-1	470	443	525	479	8.70	cps
Calcium	44-1	43503	42841	43844	43396	1.18	cps
Carbon	12-1	6279850	6142918	6082114	6168294	1.64	cps
Carbon	12-2	60692	60550	62057	61100	1.36	cps
Chlorine	35-1	879164	836921	809081	841722	4.19	cps
Chlorine	35-2	5026	4492	4568	4695	6.15	cps
Chromium	52-2	1080	1100	1017	1066	4.08	cps
Cobalt	59-2	100	80	80	87	13.32	cps
Copper	63-2	1065	1257	1097	1140	9.04	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	75	83	67	75	11.11	cps
Erbium	164-2	37	43	43	41	9.35	cps
Gadolinium	160-1	108	100	42	83	43.59	cps
Gadolinium	160-2	93	83	80	86	8.11	cps
Holmium	165-1	12861122	12626179	12473355	12653552	1.54	cps
Holmium	165-2	6153650	6179714	6169000	6167455	0.21	cps
Indium	115-1	12162857	12212313	11913646	12096272	1.32	cps
Indium	115-2	1929906	1924392	1958354	1937551	0.94	cps
Iron	54-2	839	806	756	800	5.24	cps
Iron	56-2	6046	6668	5840	6185	6.97	cps
Iron	57-2	256	250	244	250	2.22	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:58:20	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	940	980	984	4.76	cps
Lead	206-1	1845	1706	1622	1724	6.51	cps
Lead	207-1	1489	1456	1622	1522	5.79	cps
Lead	208-1	6706	6795	6790	6764	0.74	cps
Lithium	6-1	4964655	4998825	4773253	4912244	2.47	cps
Magnesium	24-2	525	808	675	669	21.17	cps
Manganese	55-2	177	157	143	159	10.56	cps
Molybdenum	94-1	767	658	725	717	7.63	cps
Molybdenum	95-1	367	250	267	294	21.43	cps
Molybdenum	96-1	425	492	467	461	7.30	cps
Molybdenum	97-1	158	150	175	161	7.90	cps
Molybdenum	98-1	375	275	492	381	28.50	cps
Neodymium	150-1	0	33	33	22	86.60	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	287	367	297	317	13.77	cps
Phosphorus	31-2	175	158	92	142	31.13	cps
Potassium	39-2	22435	23453	24404	23431	4.20	cps
Rhodium	103-1	12271180	12182196	12040289	12164555	0.96	cps
Rhodium	103-2	5727128	5826299	5756585	5770004	0.88	cps
Scandium	45-1	10054720	10102423	10289450	10148864	1.22	cps
Scandium	45-2	305346	305498	315467	308770	1.88	cps
Selenium	82-1	-47	-9	-28	-28	-68.40	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	85	66	55	69	22.10	cps
Silicon	28-1	629647	646113	633302	636354	1.36	cps
Silver	107-1	3934	3851	4059	3948	2.66	cps
Silver	109-1	3717	3484	3726	3642	3.77	cps
Sodium	23-2	26207	27487	26516	26737	2.50	cps
Strontium	86-1	1625	1617	1867	1703	8.34	cps
Strontium	88-1	2075	1392	2684	2050	31.53	cps
Sulfur	34-1	520530	529643	533776	527983	1.28	cps
Terbium	159-1	12980235	13063590	12725456	12923094	1.36	cps
Terbium	159-2	6284787	6135897	6233107	6217930	1.22	cps
Thallium	203-1	858	625	767	750	15.68	cps
Thallium	205-1	1809	1842	1867	1839	1.59	cps
Tin	118-1	1733	1725	1809	1756	2.61	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 15:58:20	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	383	208	306	29.16	cps
Uranium	238-1	108	67	125	100	30.05	cps
Vanadium	51-2	23	47	43	38	33.41	cps
Ytterbium	172-1	58	33	50	47	26.96	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	1442	1250	1225	1306	9.08	cps
Ytterbium	176-2	6274	6618	7191	6694	6.92	cps
Yttrium	89-1	30153286	29460174	29624545	29746002	1.22	cps
Yttrium	89-2	3137473	3160445	3192323	3163414	0.87	cps
Zinc	66-2	680	833	747	753	10.21	cps
Zirconium	90-1	1325	1458	1392	1392	4.79	cps
Zirconium	91-1	225	267	333	275	19.87	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : PB140083BL Instrumnet Name : P8
 Client Sample ID : PB140083BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 16:01:32 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	180	160	162	10.86	cps
Antimony	121-1	325	342	383	350	8.58	cps
Arsenic	75-2	9	12	18	13	35.25	cps
Barium	135-1	17	50	50	39	49.48	cps
Barium	137-1	75	117	83	92	24.05	cps
Beryllium	9-1	112	144	88	115	24.50	cps
Bismuth	209-1	6600176	6806743	6731105	6712675	1.56	cps
Bismuth	209-2	3955228	4216522	4294008	4155252	4.27	cps
Boron	10-1	3034	3002	3030	3022	0.58	cps
Boron	11-1	15015	15031	14342	14796	2.66	cps
Bromine	81-1	27977	26292	26763	27011	3.22	cps
Cadmium	111-1	1557	1478	1495	1510	2.76	cps
Cadmium	106-1	7769	7361	7327	7486	3.29	cps
Cadmium	108-1	67	63	42	57	23.52	cps
Calcium	43-1	396	452	433	427	6.67	cps
Calcium	44-1	41519	42700	42057	42092	1.40	cps
Carbon	12-1	6077225	6104898	6081789	6087971	0.24	cps
Carbon	12-2	61077	59630	60802	60503	1.27	cps
Chlorine	35-1	756624	731100	721458	736394	2.47	cps
Chlorine	35-2	4609	4543	4309	4487	3.51	cps
Chromium	52-2	1057	1073	973	1034	5.18	cps
Cobalt	59-2	80	80	127	96	28.20	cps
Copper	63-2	1017	1297	1383	1233	15.52	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	108	42	117	89	46.24	cps
Erbium	164-2	20	50	37	36	42.27	cps
Gadolinium	160-1	58	58	50	56	8.66	cps
Gadolinium	160-2	100	110	140	117	17.84	cps
Holmium	165-1	11881033	12131694	11994462	12002397	1.05	cps
Holmium	165-2	6114472	6342744	6253212	6236809	1.84	cps
Indium	115-1	11818632	11786882	12230247	11945254	2.07	cps
Indium	115-2	1873494	1999632	1983314	1952146	3.51	cps
Iron	54-2	750	733	911	798	12.30	cps
Iron	56-2	5829	6535	7574	6646	13.21	cps
Iron	57-2	233	244	283	254	10.35	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BL	Instrumnet Name :	P8
Client Sample ID :	PB140083BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:01:32	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	983	1037	982	5.60	cps
Lead	206-1	1595	1900	1478	1658	13.16	cps
Lead	207-1	1289	1389	1300	1326	4.13	cps
Lead	208-1	6056	6645	6262	6321	4.73	cps
Lithium	6-1	4980107	4804888	5148148	4977714	3.45	cps
Magnesium	24-2	575	700	858	711	19.97	cps
Manganese	55-2	143	190	200	178	17.01	cps
Molybdenum	94-1	575	608	467	550	13.47	cps
Molybdenum	95-1	175	167	150	164	7.77	cps
Molybdenum	96-1	275	275	275	275	0.00	cps
Molybdenum	97-1	117	50	83	83	40.00	cps
Molybdenum	98-1	217	217	317	250	23.10	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	290	347	310	316	9.11	cps
Phosphorus	31-2	142	92	167	133	28.64	cps
Potassium	39-2	22969	22393	21834	22398	2.53	cps
Rhodium	103-1	11707902	11863706	12354740	11975449	2.82	cps
Rhodium	103-2	5600040	5875657	5880050	5785249	2.77	cps
Scandium	45-1	10038762	10376002	10095364	10170043	1.78	cps
Scandium	45-2	298489	311577	309716	306594	2.31	cps
Selenium	82-1	38	-21	-54	-12	-380.83	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	86	76	86	83	6.98	cps
Silicon	28-1	633025	633723	644931	637227	1.05	cps
Silver	107-1	2859	2842	2817	2839	0.74	cps
Silver	109-1	2684	2709	2284	2559	9.32	cps
Sodium	23-2	25840	26483	26616	26313	1.58	cps
Strontium	86-1	1942	1617	1508	1689	13.35	cps
Strontium	88-1	642	1284	808	911	36.57	cps
Sulfur	34-1	531046	531969	527263	530093	0.47	cps
Terbium	159-1	12894904	12924133	13018458	12945832	0.50	cps
Terbium	159-2	6098779	6310390	6072191	6160453	2.12	cps
Thallium	203-1	783	600	625	669	14.85	cps
Thallium	205-1	1692	1708	1592	1664	3.79	cps
Tin	118-1	1625	1750	1508	1628	7.43	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BL	Instrumnet Name :	P8
Client Sample ID :	PB140083BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:01:32	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	267	300	269	10.86	cps
Uranium	238-1	8	33	25	22	57.29	cps
Vanadium	51-2	7	20	20	16	49.47	cps
Ytterbium	172-1	33	33	33	33	0.02	cps
Ytterbium	172-2	11	17	28	19	45.83	cps
Ytterbium	176-1	1392	1433	1667	1497	9.90	cps
Ytterbium	176-2	6202	6891	6869	6654	5.89	cps
Yttrium	89-1	28841240	29290605	28991090	29040978	0.79	cps
Yttrium	89-2	3127302	3230810	3227347	3195153	1.84	cps
Zinc	66-2	810	700	760	757	7.28	cps
Zirconium	90-1	1317	1242	1325	1295	3.55	cps
Zirconium	91-1	292	350	267	303	14.12	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : PB140083BS Instrumnet Name : P8
 Client Sample ID : PB140083BS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 16:04:36 DataFile Name : 038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1019869	1028557	1019023	1022483	0.52	cps
Antimony	121-1	6139084	5974294	5954885	6022754	1.68	cps
Arsenic	75-2	188890	188798	188098	188595	0.23	cps
Barium	135-1	7556472	7687774	7607266	7617170	0.87	cps
Barium	137-1	12637747	13032629	12843629	12838002	1.54	cps
Beryllium	9-1	1698994	1728394	1681300	1702896	1.40	cps
Bismuth	209-1	6621128	6569960	6643487	6611525	0.57	cps
Bismuth	209-2	4176133	3977620	4048463	4067405	2.47	cps
Boron	10-1	170915	178750	179759	176475	2.74	cps
Boron	11-1	818132	869522	902868	863507	4.94	cps
Bromine	81-1	27917	27064	26462	27148	2.69	cps
Cadmium	111-1	1561260	1466841	1518010	1515370	3.12	cps
Cadmium	106-1	172803	177460	174482	174915	1.35	cps
Cadmium	108-1	116172	117325	118420	117306	0.96	cps
Calcium	43-1	2582175	2737594	2516082	2611950	4.35	cps
Calcium	44-1	40690959	42913417	40725469	41443282	3.07	cps
Carbon	12-1	7404040	7424164	7752090	7526765	2.60	cps
Carbon	12-2	79574	82389	81703	81222	1.81	cps
Chlorine	35-1	787014	773048	746017	768693	2.71	cps
Chlorine	35-2	4434	4551	4643	4543	2.30	cps
Chromium	52-2	2231014	2179280	2172053	2194116	1.47	cps
Cobalt	59-2	3865875	3869113	3879156	3871381	0.18	cps
Copper	63-2	29330701	29662808	28984724	29326078	1.16	cps
Dysprosium	156-1	217	225	242	228	5.59	cps
Dysprosium	156-2	127	140	163	143	12.95	cps
Erbium	164-1	175	183	150	169	10.24	cps
Erbium	164-2	53	77	93	74	26.99	cps
Gadolinium	160-1	242	350	233	275	23.67	cps
Gadolinium	160-2	217	227	170	204	14.79	cps
Holmium	165-1	12701063	12283125	12392937	12459042	1.74	cps
Holmium	165-2	6272312	6357337	6382310	6337320	0.91	cps
Indium	115-1	12365172	11727526	12165193	12085964	2.70	cps
Indium	115-2	1894922	1851580	1877222	1874575	1.16	cps
Iron	54-2	4815620	4840976	4692025	4782873	1.67	cps
Iron	56-2	83521755	86897746	85375574	85265025	1.98	cps
Iron	57-2	2132413	2202900	2178730	2171348	1.65	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BS	Instrumnet Name :	P8
Client Sample ID :	PB140083BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:04:36	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	970	973	984	2.26	cps
Lead	206-1	18541388	18760471	18240812	18514223	1.41	cps
Lead	207-1	15478151	16362101	15526996	15789083	3.15	cps
Lead	208-1	71525287	75429887	72374181	73109785	2.81	cps
Lithium	6-1	4991292	5036802	4930183	4986092	1.07	cps
Magnesium	24-2	16031472	16219692	16045027	16098731	0.65	cps
Manganese	55-2	10604680	10958983	10561802	10708488	2.04	cps
Molybdenum	94-1	14815873	14472032	14850952	14712952	1.42	cps
Molybdenum	95-1	18341230	18234449	17942718	18172799	1.14	cps
Molybdenum	96-1	20554762	20108834	20051048	20238215	1.36	cps
Molybdenum	97-1	11136782	10777325	10846310	10920139	1.75	cps
Molybdenum	98-1	29124940	28409079	27785517	28439845	2.36	cps
Neodymium	150-1	347	280	387	338	15.95	cps
Neodymium	150-2	37	27	23	29	24.03	cps
Nickel	60-2	1012930	1001977	1014320	1009742	0.67	cps
Phosphorus	31-2	55607	55850	55382	55613	0.42	cps
Potassium	39-2	6170929	6192939	6056312	6140060	1.19	cps
Rhodium	103-1	11823604	11665899	11401051	11630185	1.84	cps
Rhodium	103-2	5586685	5578704	5603558	5589649	0.23	cps
Scandium	45-1	10217171	10150422	10070453	10146015	0.72	cps
Scandium	45-2	307961	312960	307781	309567	0.95	cps
Selenium	82-1	121308	122331	120801	121480	0.64	cps
Selenium	77-2	3570	3684	3671	3642	1.70	cps
Selenium	78-2	12768	12377	12681	12609	1.63	cps
Silicon	28-1	6220893	6237639	6636331	6364954	3.69	cps
Silver	107-1	8233920	8285475	8233488	8250961	0.36	cps
Silver	109-1	7951125	8029833	7785048	7922002	1.58	cps
Sodium	23-2	30646964	30707934	30261147	30538682	0.79	cps
Strontium	86-1	24702551	24649508	23651067	24334375	2.43	cps
Strontium	88-1	204465105	208573380	205254846	206097777	1.06	cps
Sulfur	34-1	1289004	1266237	1234652	1263298	2.16	cps
Terbium	159-1	13230336	13630356	13441996	13434230	1.49	cps
Terbium	159-2	6108287	6228800	6127685	6154924	1.05	cps
Thallium	203-1	4610284	4598426	4688939	4632549	1.06	cps
Thallium	205-1	10482111	10880449	10478989	10613850	2.18	cps
Tin	118-1	5374851	5394864	5317907	5362541	0.74	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	PB140083BS	Instrumnet Name :	P8
Client Sample ID :	PB140083BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:04:36	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6046889	6065862	6016587	6043113	0.41	cps
Uranium	238-1	12764423	12462453	12985615	12737497	2.06	cps
Vanadium	51-2	1770853	1752072	1729946	1750957	1.17	cps
Ytterbium	172-1	67	33	50	50	33.34	cps
Ytterbium	172-2	39	22	33	31	26.96	cps
Ytterbium	176-1	21026	20867	20533	20809	1.21	cps
Ytterbium	176-2	16555	16494	16766	16605	0.86	cps
Yttrium	89-1	29674528	29764396	29610733	29683219	0.26	cps
Yttrium	89-2	3240215	3138855	3176992	3185354	1.61	cps
Zinc	66-2	3105997	3168765	3107877	3127546	1.14	cps
Zirconium	90-1	12819245	12942017	13027761	12929674	0.81	cps
Zirconium	91-1	2897506	2895597	2876422	2889842	0.40	cps

LB Number : LB116931 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P8
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-20 16:35:58 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5801249	5780256	5724954	5768820	0.68	cps
Antimony	121-1	5871598	5903397	5830820	5868605	0.62	cps
Arsenic	75-2	214723	214826	213543	214364	0.33	cps
Barium	135-1	7489558	7656047	7396285	7513964	1.75	cps
Barium	137-1	12811930	13286722	12471576	12856742	3.18	cps
Beryllium	9-1	1690826	1660311	1620108	1657082	2.14	cps
Bismuth	209-1	6357061	6301593	6472628	6377094	1.37	cps
Bismuth	209-2	4035079	4193263	4028397	4085579	2.28	cps
Boron	10-1	197600	196102	198914	197539	0.71	cps
Boron	11-1	867623	905612	899408	890881	2.29	cps
Bromine	81-1	30434	32541	31859	31612	3.40	cps
Cadmium	111-1	1502932	1484772	1483324	1490343	0.73	cps
Cadmium	106-1	177848	179378	178468	178565	0.43	cps
Cadmium	108-1	116706	118900	120075	118561	1.44	cps
Calcium	43-1	12952954	12971855	13144924	13023244	0.81	cps
Calcium	44-1	209051051	214342910	208159680	210517881	1.59	cps
Carbon	12-1	7208882	7333556	7440050	7327496	1.58	cps
Carbon	12-2	82441	83629	84871	83647	1.45	cps
Chlorine	35-1	712641	696793	686459	698631	1.89	cps
Chlorine	35-2	4759	4334	4151	4415	7.07	cps
Chromium	52-2	2386514	2299098	2327335	2337649	1.91	cps
Cobalt	59-2	3999426	4118771	4078863	4065687	1.49	cps
Copper	63-2	31674587	31603490	31835320	31704466	0.37	cps
Dysprosium	156-1	1058	975	1158	1064	8.63	cps
Dysprosium	156-2	587	500	527	538	8.25	cps
Erbium	164-1	225	217	342	261	26.77	cps
Erbium	164-2	140	133	150	141	5.94	cps
Gadolinium	160-1	942	958	1083	995	7.79	cps
Gadolinium	160-2	633	643	540	606	9.41	cps
Holmium	165-1	12525683	12650869	12783507	12653353	1.02	cps
Holmium	165-2	6667549	6704954	6775996	6716166	0.82	cps
Indium	115-1	12096753	11971090	12309524	12125789	1.41	cps
Indium	115-2	2055084	2097488	2047606	2066726	1.30	cps
Iron	54-2	23675827	23579908	23519224	23591653	0.33	cps
Iron	56-2	429065387	436987688	432358332	432803802	0.92	cps
Iron	57-2	10713894	10890960	10672428	10759094	1.08	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:35:58	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	1153	1090	1064	9.78	cps
Lead	206-1	17391167	17411775	17038469	17280470	1.21	cps
Lead	207-1	15074873	15146589	14579701	14933721	2.07	cps
Lead	208-1	69588432	69414960	67821477	68941623	1.41	cps
Lithium	6-1	4767348	4903505	4837398	4836084	1.41	cps
Magnesium	24-2	84493723	85754729	83724546	84657666	1.21	cps
Manganese	55-2	12747750	13058306	12970844	12925633	1.24	cps
Molybdenum	94-1	15075378	15119760	15320769	15171969	0.86	cps
Molybdenum	95-1	18513469	18322735	18475561	18437255	0.55	cps
Molybdenum	96-1	20461044	20432742	20736319	20543368	0.82	cps
Molybdenum	97-1	11069397	11017731	11197107	11094745	0.83	cps
Molybdenum	98-1	29421752	29213308	28169690	28934917	2.32	cps
Neodymium	150-1	347	480	347	391	19.68	cps
Neodymium	150-2	50	53	33	46	23.52	cps
Nickel	60-2	1127114	1125770	1127375	1126753	0.08	cps
Phosphorus	31-2	60083	60217	59397	59899	0.73	cps
Potassium	39-2	33117116	32899007	32823116	32946413	0.46	cps
Rhodium	103-1	11473570	11689673	11349892	11504378	1.49	cps
Rhodium	103-2	5810196	5650623	5712986	5724602	1.40	cps
Scandium	45-1	10664724	10712386	11195419	10857510	2.70	cps
Scandium	45-2	341005	338716	337955	339225	0.47	cps
Selenium	82-1	130027	129452	129606	129695	0.23	cps
Selenium	77-2	4307	4451	4177	4312	3.17	cps
Selenium	78-2	13982	13977	13889	13950	0.38	cps
Silicon	28-1	6112095	6387180	6475186	6324820	2.99	cps
Silver	107-1	8710551	8746841	8929785	8795726	1.34	cps
Silver	109-1	8186172	8143994	8027645	8119270	1.01	cps
Sodium	23-2	160856908	161135624	160516824	160836452	0.19	cps
Strontium	86-1	24583266	24817305	24758504	24719692	0.49	cps
Strontium	88-1	211153301	210026380	215317730	212165803	1.31	cps
Sulfur	34-1	1276420	1270934	1236328	1261227	1.72	cps
Terbium	159-1	13377934	13642324	13589577	13536612	1.03	cps
Terbium	159-2	6535267	6710033	6594374	6613224	1.34	cps
Thallium	203-1	4415130	4354011	4300131	4356424	1.32	cps
Thallium	205-1	9933030	10175029	9837483	9981847	1.74	cps
Tin	118-1	5269528	5216953	5320616	5269032	0.98	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:35:58	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6354662	6293701	6277464	6308609	0.65	cps
Uranium	238-1	12327257	12751833	12965916	12681669	2.56	cps
Vanadium	51-2	1869818	1867175	1886748	1874581	0.57	cps
Ytterbium	172-1	100	75	75	83	17.32	cps
Ytterbium	172-2	67	56	28	50	40.06	cps
Ytterbium	176-1	20934	21101	20366	20800	1.85	cps
Ytterbium	176-2	16449	16772	17462	16894	3.06	cps
Yttrium	89-1	31164200	30991375	30953385	31036320	0.36	cps
Yttrium	89-2	3518808	3505325	3484816	3502983	0.49	cps
Zinc	66-2	3352583	3397499	3421112	3390398	1.03	cps
Zirconium	90-1	13212363	13212474	13448421	13291086	1.03	cps
Zirconium	91-1	3000349	2997357	2955062	2984256	0.85	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:42:31	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	215	190	208	7.72	cps
Antimony	121-1	1317	1425	1850	1531	18.42	cps
Arsenic	75-2	26	20	26	24	14.43	cps
Barium	135-1	217	175	83	158	43.08	cps
Barium	137-1	283	217	225	242	15.03	cps
Beryllium	9-1	246	218	178	214	15.97	cps
Bismuth	209-1	6777152	6809948	6641923	6743008	1.32	cps
Bismuth	209-2	4199452	4259592	4285078	4248041	1.03	cps
Boron	10-1	9577	9447	9011	9345	3.17	cps
Boron	11-1	45738	44715	44015	44823	1.93	cps
Bromine	81-1	28197	29270	27124	28197	3.81	cps
Cadmium	111-1	1503	1487	1489	1493	0.61	cps
Cadmium	106-1	7060	7152	7027	7080	0.92	cps
Cadmium	108-1	96	104	83	94	11.10	cps
Calcium	43-1	681	583	615	626	7.98	cps
Calcium	44-1	51079	49290	48756	49708	2.45	cps
Carbon	12-1	6300837	6280119	6299202	6293386	0.18	cps
Carbon	12-2	63296	62626	62777	62899	0.56	cps
Chlorine	35-1	689373	664477	644624	666158	3.37	cps
Chlorine	35-2	4084	3742	4051	3959	4.76	cps
Chromium	52-2	1137	1003	1177	1106	8.21	cps
Cobalt	59-2	197	200	113	170	28.89	cps
Copper	63-2	1687	1720	1419	1609	10.26	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	133	117	117	122	7.87	cps
Erbium	164-2	43	37	60	47	25.75	cps
Gadolinium	160-1	33	25	117	58	86.90	cps
Gadolinium	160-2	107	80	127	104	22.42	cps
Holmium	165-1	12227867	12485492	12472885	12395415	1.17	cps
Holmium	165-2	6353938	6504112	6428415	6428822	1.17	cps
Indium	115-1	12445842	12446150	11902670	12264887	2.56	cps
Indium	115-2	2069464	2061894	2049325	2060228	0.49	cps
Iron	54-2	1156	1195	1072	1141	5.47	cps
Iron	56-2	11316	12750	9520	11195	14.46	cps
Iron	57-2	428	383	367	393	8.05	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:42:31	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	957	940	952	1.13	cps
Lead	206-1	2973	3089	2934	2999	2.70	cps
Lead	207-1	2706	2495	2511	2571	4.57	cps
Lead	208-1	12136	11852	11235	11741	3.92	cps
Lithium	6-1	5007787	5040110	4958854	5002250	0.82	cps
Magnesium	24-2	1533	1658	1158	1450	17.95	cps
Manganese	55-2	247	293	263	268	8.83	cps
Molybdenum	94-1	1300	1242	1183	1242	4.70	cps
Molybdenum	95-1	1000	867	675	847	19.28	cps
Molybdenum	96-1	1108	967	850	975	13.27	cps
Molybdenum	97-1	567	475	275	439	33.98	cps
Molybdenum	98-1	1442	1208	1142	1264	12.46	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	380	293	340	338	12.84	cps
Phosphorus	31-2	92	117	217	142	46.69	cps
Potassium	39-2	27669	27953	27677	27766	0.58	cps
Rhodium	103-1	12204087	12146749	12341321	12230719	0.82	cps
Rhodium	103-2	6068450	6245193	6212901	6175515	1.52	cps
Scandium	45-1	10573737	10483101	10122507	10393115	2.30	cps
Scandium	45-2	328022	327326	329672	328340	0.37	cps
Selenium	82-1	16	61	68	48	58.38	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	85	85	94	88	5.90	cps
Silicon	28-1	663442	655815	659826	659694	0.58	cps
Silver	107-1	2009	2192	2084	2095	4.40	cps
Silver	109-1	1967	2192	1692	1950	12.84	cps
Sodium	23-2	40741	41660	40106	40836	1.91	cps
Strontium	86-1	2284	2359	2075	2239	6.56	cps
Strontium	88-1	5710	4234	2959	4301	32.01	cps
Sulfur	34-1	511927	510006	508234	510056	0.36	cps
Terbium	159-1	12880198	13119438	13196138	13065258	1.26	cps
Terbium	159-2	6635214	6337178	6630196	6534196	2.61	cps
Thallium	203-1	1675	1542	1533	1583	5.02	cps
Thallium	205-1	4051	3676	3426	3717	8.47	cps
Tin	118-1	1875	1834	1917	1875	2.22	cps

LB Number :	LB116931	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-10-20 16:42:31	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	625	375	408	469	28.92	cps
Uranium	238-1	225	158	142	175	25.20	cps
Vanadium	51-2	43	37	27	36	23.58	cps
Ytterbium	172-1	8	67	108	61	82.20	cps
Ytterbium	172-2	11	22	11	15	43.30	cps
Ytterbium	176-1	1317	1358	1542	1406	8.52	cps
Ytterbium	176-2	6585	6418	6724	6576	2.33	cps
Yttrium	89-1	29817106	30546551	29498940	29954199	1.79	cps
Yttrium	89-2	3408526	3436908	3443767	3429734	0.54	cps
Zinc	66-2	1007	990	933	977	3.94	cps
Zirconium	90-1	1800	1667	1558	1675	7.23	cps
Zirconium	91-1	408	375	342	375	8.89	cps