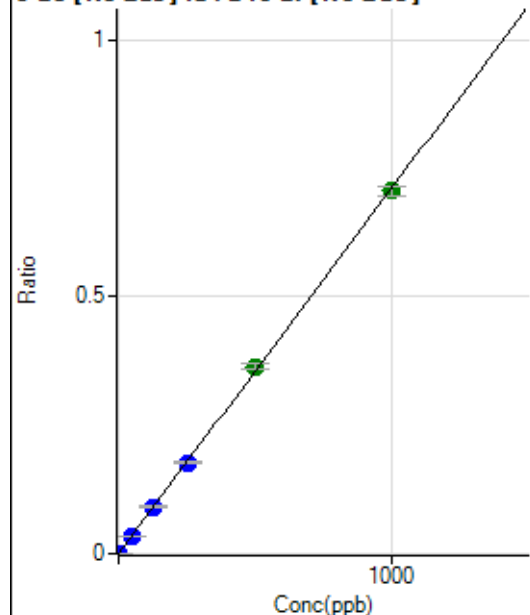


Batch Folder: D:\Agilent\ICPMH\1\DATA\P810192MS.b\
Analysis File: P810192MS.batch.bin
DA Date-Time: 2021-10-19 14:46:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2021-10-19 10:29:28
2	007CAL.S.d	S01	2021-10-19 10:32:32
3	009CAL.S.d	S02	2021-10-19 10:38:41
4	010CAL.S.d	S03	2021-10-19 10:41:47
5	011CAL.S.d	S04	2021-10-19 10:44:50
6	012CAL.S.d	S05	2021-10-19 10:47:56
7	013CAL.S.d	S06	2021-10-19 10:50:59
8	014CAL.S.d	S07	2021-10-19 10:54:05
9	015CAL.S.d	S08	2021-10-19 10:57:08

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.32	0.0000	P	18.9
2	☐	0.100	0.100	329.27	0.0001	P	6.3
3	☐	1.000	0.994	2882.39	0.0007	P	2.8
4	☐	50.000	48.344	144451.84	0.0344	P	1.3
5	☐	125.000	128.951	372785.50	0.0917	P	5.0
6	☐	250.000	249.131	742263.28	0.1772	P	2.5
7	☐	500.000	512.652	1502781.16	0.3646	A	2.5
8	☐	1000.000	993.480	3011494.10	0.7066	A	3.0
9	☐			315.94	0.0001	P	16.2

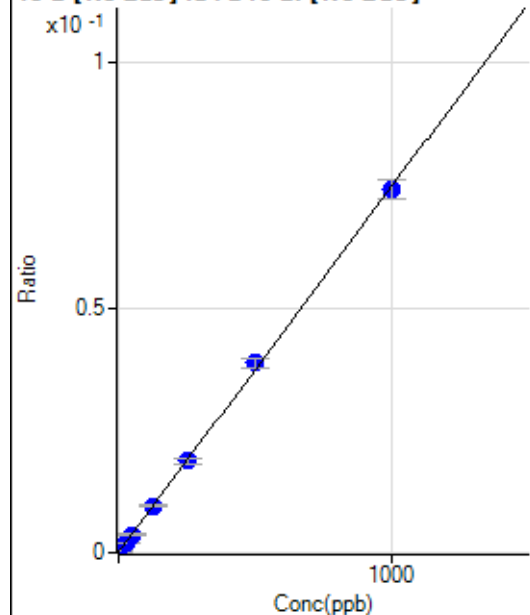
$$y = 7.1124\text{E-}004 * x + 1.0165\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.008093$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.28	0.0001	P	3.3
2	☐	2.500	2.209	932.51	0.0002	P	11.2
3	☐	25.000	24.282	7554.49	0.0019	P	4.2
4	☐	50.000	48.305	15428.42	0.0037	P	5.4
5	☐	125.000	127.184	38944.57	0.0096	P	1.7
6	☐	250.000	248.973	78152.48	0.0187	P	6.1
7	☐	500.000	517.546	159629.09	0.0387	P	4.5
8	☐	1000.000	991.314	315856.20	0.0741	P	5.2
9	☐			29735.50	0.0072	P	7.2

$$y = 7.4715\text{E-}005 * x + 6.5044\text{E-}005$$

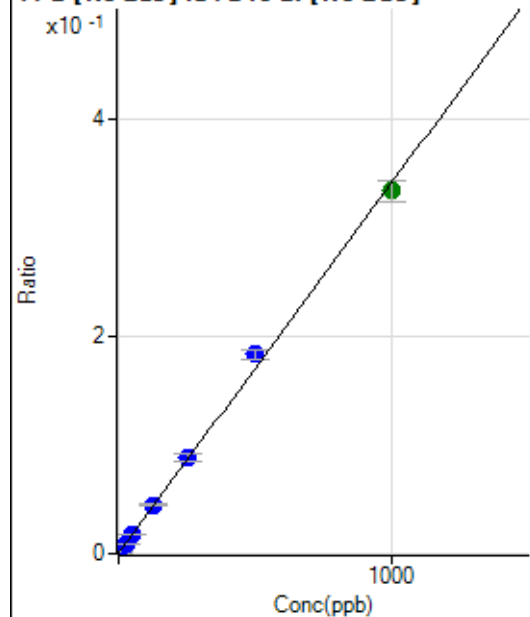
$$R = 0.9998$$

$$DL = 0.08514$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1347.13	0.0003	P	2.7
2	☐	2.500	2.345	4530.48	0.0011	P	3.6
3	☐	25.000	25.247	35925.53	0.0089	P	3.7
4	☐	50.000	50.008	73030.46	0.0174	P	5.9
5	☐	125.000	130.419	182468.98	0.0448	P	2.2
6	☐	250.000	258.844	371307.01	0.0887	P	7.6
7	☐	500.000	536.720	756663.67	0.1836	P	4.4
8	☐	1000.000	978.746	1425123.11	0.3345	A	5.9
9	☐			140829.40	0.0343	P	9.0

$$y = 3.4147\text{E-}004 * x + 3.1600\text{E-}004$$

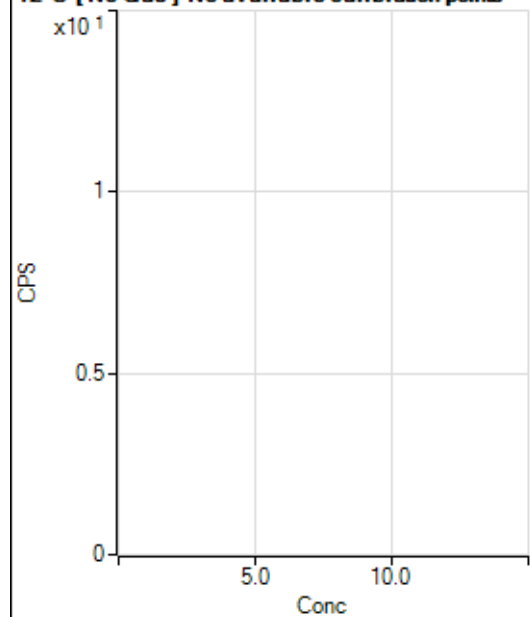
$$R = 0.9990$$

$$DL = 0.07367$$

Weight: <None>

Min Conc: 0

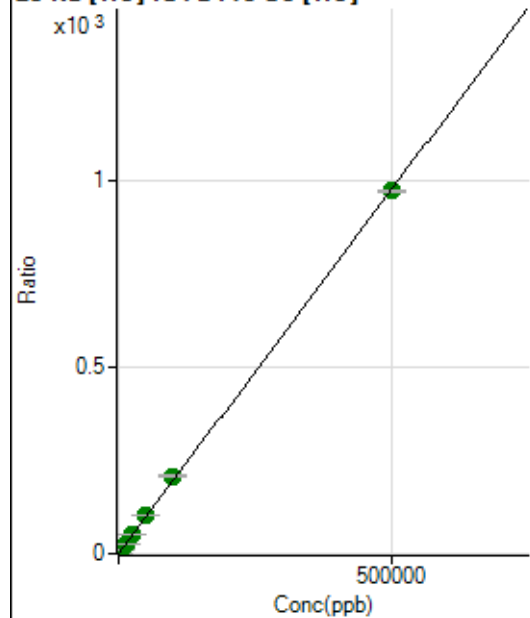
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5121282.10		A	0.5
2	☐			5933986.11		A	2.2
3	☐			5969616.98		A	0.2
4	☐			6315386.12		A	0.8
5	☐			6570957.05		A	0.2
6	☐			6544214.29		A	3.0
7	☐			6966380.54		A	2.1
8	☐			7091724.29		A	2.2
9	☐			6892491.39		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52123.78		P	1.6
2	☐			62946.77		P	0.7
3	☐			61663.30		P	1.0
4	☐			66445.32		P	0.7
5	☐			66576.15		P	0.8
6	☐			66333.65		P	0.8
7	☐			70843.53		P	0.6
8	☐			74838.43		P	0.1
9	☐			82822.19		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22067.09	0.0803	P	1.8
2	☐	50.000	56.112	50128.45	0.1896	P	2.9
3	☐	500.000	512.313	286853.55	1.0783	P	1.2
4	☐	5000.000	5422.533	2845528.10	10.6439	A	0.2
5	☐	12500.000	13445.653	6845064.26	26.2737	A	2.8
6	☐	25000.000	26854.354	13469165.93	52.3951	A	2.5
7	☐	50000.000	53078.407	26813272.30	103.4820	A	1.4
8	☐	100000.00	106368.78	53631452.59	207.2967	A	1.5
9	☐	500000.00	498297.80	264081292.0	970.8113	A	0.6

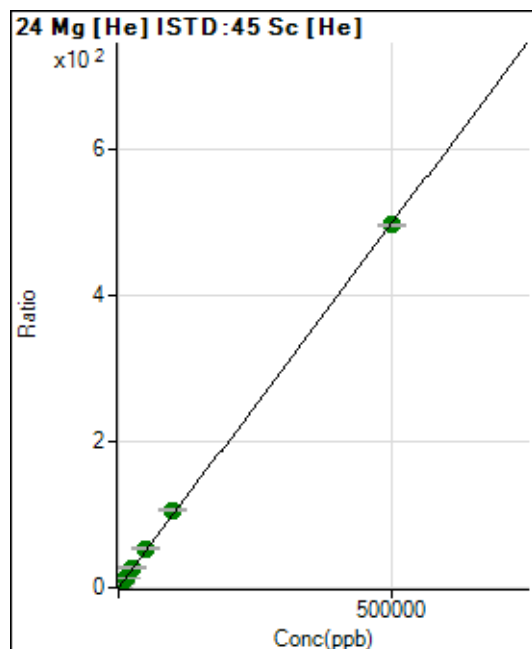
$$y = 0.0019 * x + 0.0803$$

$$R = 0.9999$$

$$DL = 2.24$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.26	0.0021	P	19.3
2	☐	50.000	49.491	13606.76	0.0515	P	2.7
3	☐	500.000	504.874	134569.10	0.5058	P	0.8
4	☐	5000.000	5521.105	1473460.58	5.5108	A	2.9
5	☐	12500.000	13703.408	3562560.54	13.6749	A	1.5
6	☐	25000.000	27335.488	7011870.56	27.2765	A	2.9
7	☐	50000.000	53630.921	13865234.34	53.5131	A	2.4
8	☐	100000.00	106415.33	27470547.83	106.1796	A	1.2
9	☐	500000.00	498201.76	135219190.5	497.0903	A	0.4

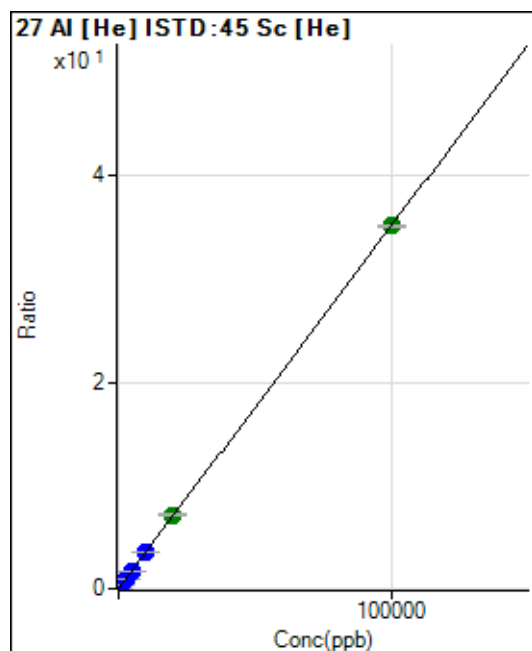
$$y = 9.9776E-004 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 1.211$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.81	0.0005	P	3.2
2	☐	2.000	2.456	363.71	0.0014	P	6.8
3	☐	20.000	21.797	2174.48	0.0082	P	4.2
4	☐	1000.000	998.071	93933.49	0.3514	P	0.8
5	☐	2500.000	2514.500	230443.27	0.8845	P	0.8
6	☐	5000.000	5000.658	452081.09	1.7585	P	0.2
7	☐	10000.000	10011.743	912149.89	3.5201	P	0.6
8	☐	20000.000	20319.806	1847950.28	7.1439	A	3.2
9	☐	100000.00	99934.488	9556773.23	35.1325	A	0.7

$$y = 3.5155E-004 * x + 5.1217E-004$$

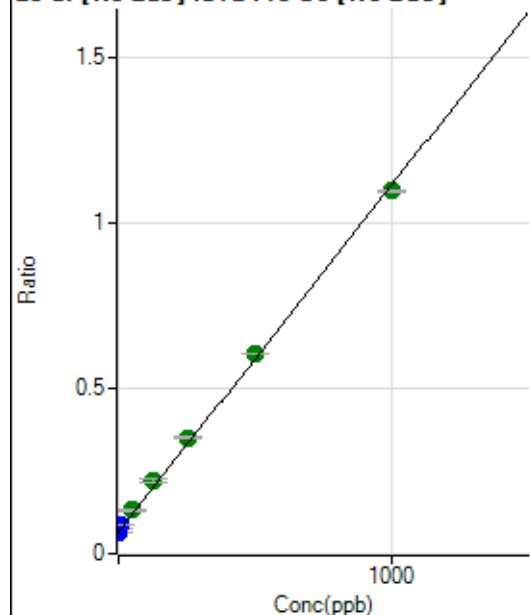
$$R = 1.0000$$

$$DL = 0.1412$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	548087.50	0.0661	P	1.3
2	☐	1.000	8.217	583501.94	0.0748	P	2.4
3	☐	10.000	20.593	684863.92	0.0877	P	3.5
4	☐	50.000	61.894	1033675.37	0.1310	A	2.6
5	☐	125.000	148.110	1669480.57	0.2213	A	4.0
6	☐	250.000	271.196	2724129.42	0.3502	A	2.1
7	☐	500.000	514.604	4750579.75	0.6051	A	0.2
8	☐	1000.000	983.802	8708333.96	1.0965	A	0.7
9	☐			1434587.41	0.1787	A	5.4

$$y = 0.0010 * x + 0.0661$$

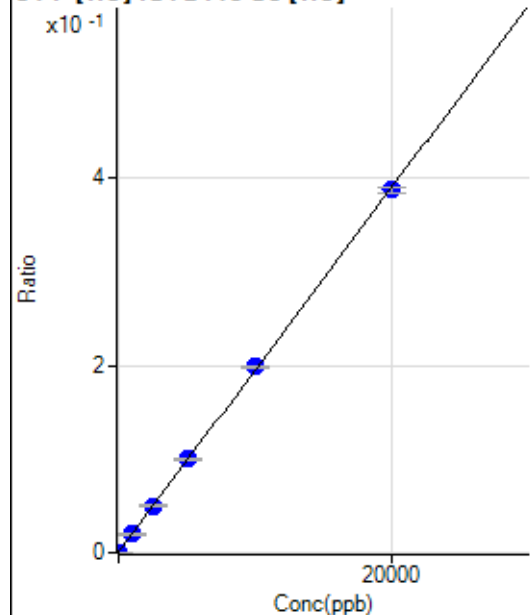
$$R = 0.9995$$

$$DL = 2.555$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-2.227	172.23	0.0006	P	22.8
2	☐	0.000	0.675	180.56	0.0007	P	21.7
3	☐	0.000	1.552	186.12	0.0007	P	25.6
4	☐	1000.000	970.821	5226.09	0.0195	P	8.9
5	☐	2500.000	2539.957	13036.76	0.0500	P	1.2
6	☐	5000.000	5094.896	25628.74	0.0997	P	3.3
7	☐	10000.000	10185.081	51469.97	0.1986	P	0.9
8	☐	20000.000	19880.200	100139.69	0.3871	P	1.6
9	☐			194.45	0.0007	P	21.8

$$y = 1.9436E-005 * x + 6.6972E-004$$

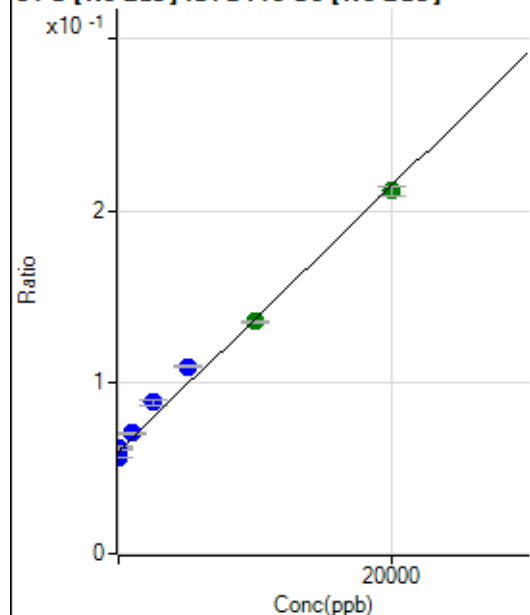
$$R = 0.9999$$

$$DL = 24.17$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-462.696	464121.67	0.0560	P	1.8
2	☐	0.000	254.783	480675.23	0.0616	P	1.8
3	☐	0.000	207.913	477903.30	0.0612	P	3.8
4	☐	1000.000	1401.678	556163.12	0.0705	P	2.0
5	☐	2500.000	3670.333	664156.03	0.0880	P	4.5
6	☐	5000.000	6405.999	849820.71	0.1092	P	1.0
7	☐	10000.000	9757.573	1061469.11	0.1352	A	0.9
8	☐	20000.000	19603.338	1679606.87	0.2115	A	2.5
9	☐			418751.54	0.0522	P	0.3

$$y = 7.7496E-006 * x + 0.0596$$

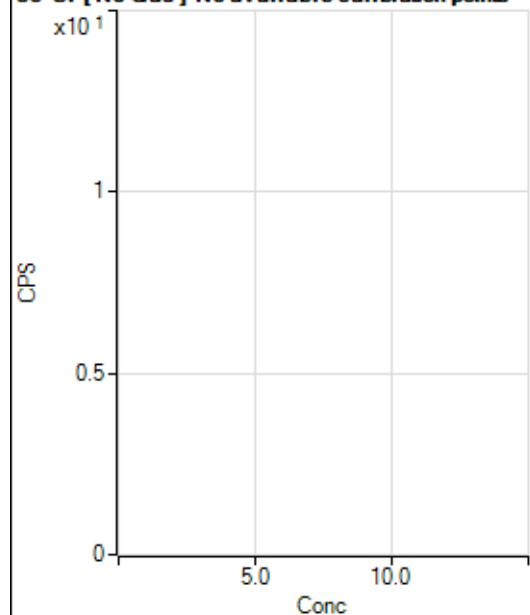
$$R = 0.9954$$

$$DL = 568.9$$

Weight: <None>

Min Conc: 0

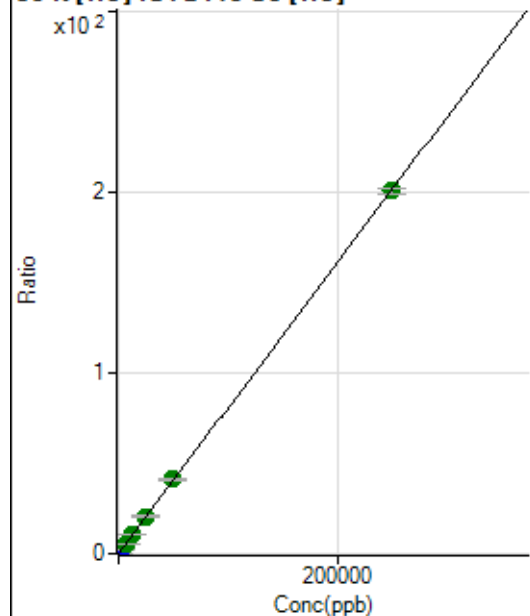
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			795812.35		P	2.8
2	☐			877419.54		P	2.9
3	☐			829298.79		P	2.7
4	☐			800612.50		P	1.7
5	☐			793288.10		P	2.0
6	☐			758257.38		P	3.2
7	☐			726900.67		P	1.3
8	☐			710245.79		P	0.6
9	☐			1028235.71		P	2.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5084.37		P	6.4
2	☐			5509.52		P	2.1
3	☐			5126.05		P	11.2
4	☐			5153.84		P	9.5
5	☐			4698.12		P	6.6
6	☐			4656.48		P	7.1
7	☐			4481.36		P	4.7
8	☐			4175.72		P	2.5
9	☐			7727.28		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19277.30	0.0701	P	3.0
2	☐	50.000	51.551	29486.32	0.1115	P	1.3
3	☐	500.000	476.070	120335.62	0.4523	P	0.6
4	☐	2500.000	2583.647	573225.51	2.1443	P	1.0
5	☐	6250.000	6538.176	1385766.49	5.3190	A	1.6
6	☐	12500.000	13023.935	2706122.96	10.5259	A	1.2
7	☐	25000.000	25641.732	5352513.14	20.6555	A	2.1
8	☐	50000.000	51356.383	10683731.05	41.2994	A	2.5
9	☐	250000.00	249630.36	54531355.39	200.4753	A	1.2

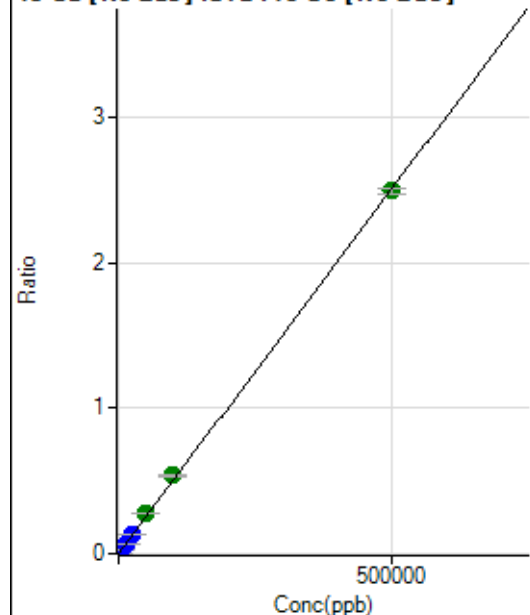
$$y = 8.0281E-004 * x + 0.0701$$

$$R = 1.0000$$

$$DL = 7.977$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	474.61	0.0001	P	3.1
2	☐	50.000	50.208	2409.04	0.0003	P	2.8
3	☐	500.000	499.166	19955.39	0.0026	P	2.6
4	☐	5000.000	5129.922	203095.59	0.0257	P	1.5
5	☐	12500.000	13582.991	513188.94	0.0680	P	4.6
6	☐	25000.000	26593.112	1035666.68	0.1331	P	1.6
7	☐	50000.000	54777.914	2152517.99	0.2742	A	0.7
8	☐	100000.00	107589.94	4276815.84	0.5385	A	1.5
9	☐	500000.00	497896.19	20000978.22	2.4918	A	1.7

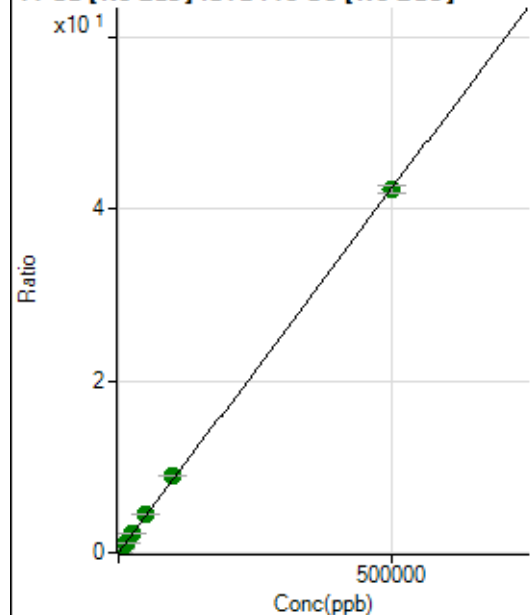
$$y = 5.0045\text{E-}006 * x + 5.7289\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.05$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43107.08	0.0052	P	0.4
2	☐	50.000	54.666	76691.89	0.0098	P	2.0
3	☐	500.000	498.823	369996.77	0.0474	P	3.0
4	☐	5000.000	5151.011	3479423.83	0.4408	A	1.4
5	☐	12500.000	13665.921	8760662.75	1.1608	A	3.0
6	☐	25000.000	26171.347	17255638.80	2.2183	A	1.3
7	☐	50000.000	52746.064	35058070.18	4.4655	A	1.2
8	☐	100000.00	105375.86	70818326.84	8.9159	A	1.1
9	☐	500000.00	498560.99	338444386.8	42.1641	A	2.3

$$y = 8.4561\text{E-}005 * x + 0.0052$$

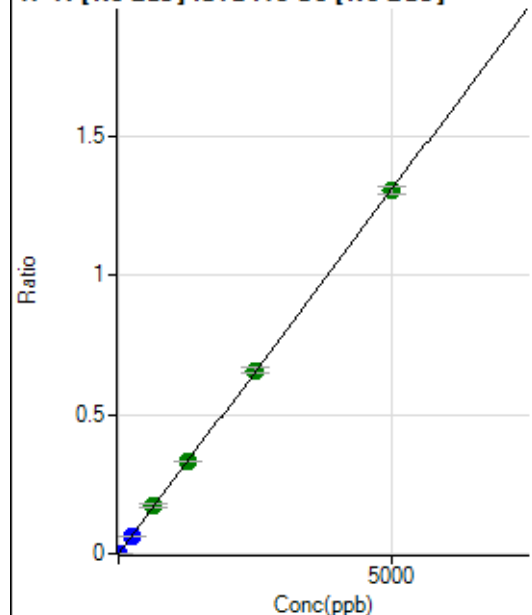
$$R = 0.9999$$

$$DL = 0.8258$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.23	0.0000	P	8.2
2	☐	0.500	0.485	1269.54	0.0002	P	9.1
3	☐	5.000	4.685	9856.43	0.0013	P	4.0
4	☐	250.000	246.275	509268.24	0.0645	P	0.9
5	☐	625.000	650.618	1284028.61	0.1704	A	7.3
6	☐	1250.000	1266.092	2578780.35	0.3315	A	1.3
7	☐	2500.000	2517.411	5173169.82	0.6591	A	2.7
8	☐	5000.000	4984.256	10362484.78	1.3050	A	2.3
9	☐			1744.61	0.0002	P	10.6

$$y = 2.6181\text{E-}004 * x + 3.5854\text{E-}005$$

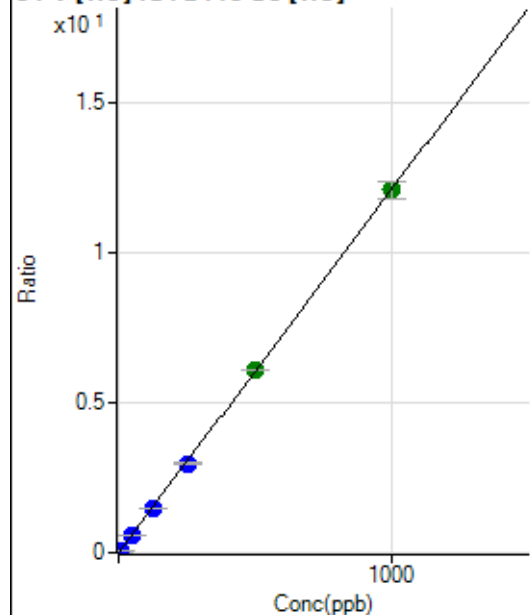
$$R = 1.0000$$

$$DL = 0.03371$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0001	P	66.8
2	☐	0.500	0.461	1493.43	0.0056	P	5.1
3	☐	5.000	4.747	15300.47	0.0575	P	1.4
4	☐	50.000	48.990	158506.11	0.5929	P	1.3
5	☐	125.000	122.479	386191.00	1.4823	P	0.6
6	☐	250.000	245.931	765162.40	2.9764	P	1.1
7	☐	500.000	503.820	1580017.23	6.0974	A	0.5
8	☐	1000.000	999.474	3128545.68	12.0959	A	4.4
9	☐			525.57	0.0019	P	21.5

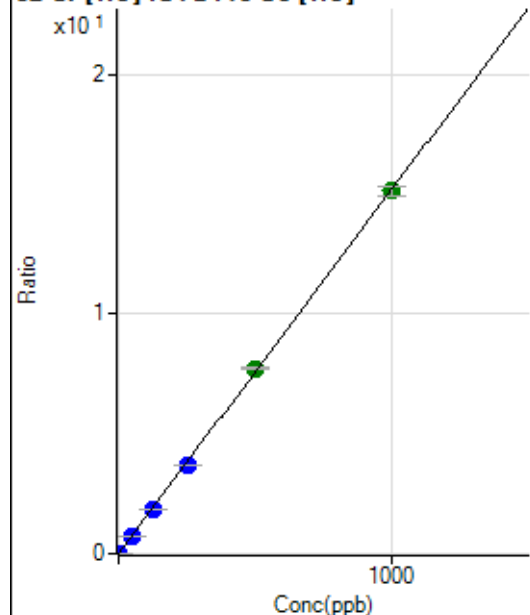
$$y = 0.0121 * x + 6.5063\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01078$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	976.71	0.0036	P	10.2
2	☐	0.200	0.231	1865.70	0.0071	P	4.2
3	☐	2.000	1.979	8931.76	0.0336	P	4.4
4	☐	50.000	48.611	198100.28	0.7410	P	1.8
5	☐	125.000	122.567	485376.45	1.8630	P	0.4
6	☐	250.000	244.360	953983.57	3.7108	P	0.6
7	☐	500.000	509.198	2002654.92	7.7287	A	0.6
8	☐	1000.000	997.184	3914490.39	15.1320	A	2.7
9	☐			9198.59	0.0338	P	3.0

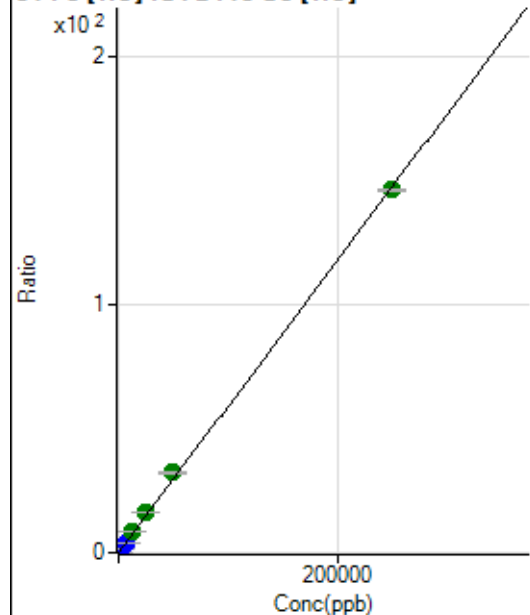
$$y = 0.0152 * x + 0.0036$$

$$R = 0.9999$$

$$DL = 0.07155$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.59	0.0026	P	5.9
2	☐	5.000	5.493	1533.44	0.0058	P	1.9
3	☐	50.000	53.229	9015.96	0.0339	P	2.8
4	☐	2500.000	2742.055	432002.91	1.6159	P	1.3
5	☐	6250.000	6907.382	1059483.16	4.0667	P	0.9
6	☐	12500.000	14136.313	2138889.85	8.3199	A	0.9
7	☐	25000.000	27999.221	4269263.67	16.4765	A	1.2
8	☐	50000.000	54802.693	8342055.10	32.2468	A	2.8
9	☐	250000.00	248638.86	39796137.00	146.2942	A	0.2

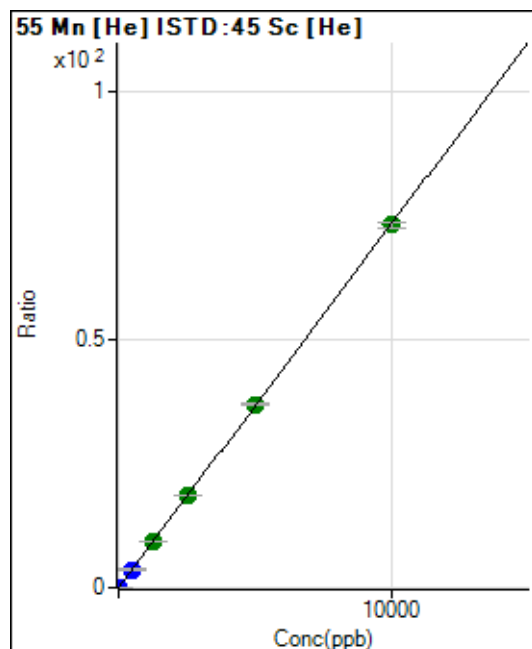
$$y = 5.8837E-004 * x + 0.0026$$

$$R = 0.9998$$

$$DL = 0.7754$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0005	P	4.7
2	☐	0.100	0.070	270.01	0.0010	P	11.1
3	☐	1.000	0.955	1996.83	0.0075	P	4.2
4	☐	500.000	501.239	982505.60	3.6755	P	1.8
5	☐	1250.000	1273.862	2433419.65	9.3401	A	0.5
6	☐	2500.000	2543.552	4794386.15	18.6491	A	0.4
7	☐	5000.000	5029.243	9554410.07	36.8735	A	1.3
8	☐	10000.000	9971.446	18914005.69	73.1084	A	1.7
9	☐			25812.33	0.0949	P	2.3

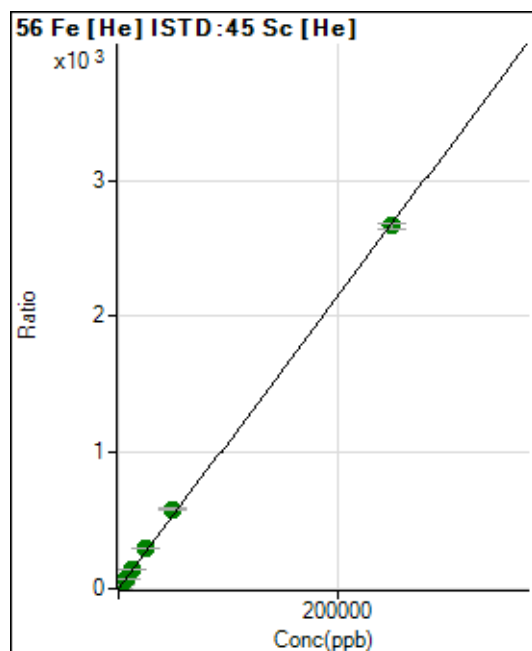
$$y = 0.0073 * x + 5.0506E-004$$

$$R = 1.0000$$

$$DL = 0.009814$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6010.64	0.0219	P	7.1
2	☐	5.000	5.247	20635.59	0.0781	P	2.7
3	☐	50.000	53.016	156832.58	0.5896	P	1.6
4	☐	2500.000	2730.633	7822452.78	29.2622	A	2.2
5	☐	6250.000	6877.614	19193078.20	73.6693	A	1.2
6	☐	12500.000	13832.300	38085037.43	148.1420	A	0.2
7	☐	25000.000	27234.339	75575657.25	291.6547	A	0.9
8	☐	50000.000	54202.085	150151573.7	580.4328	A	2.5
9	☐	250000.00	248851.53	724842260.6	2,664.793	A	1.5

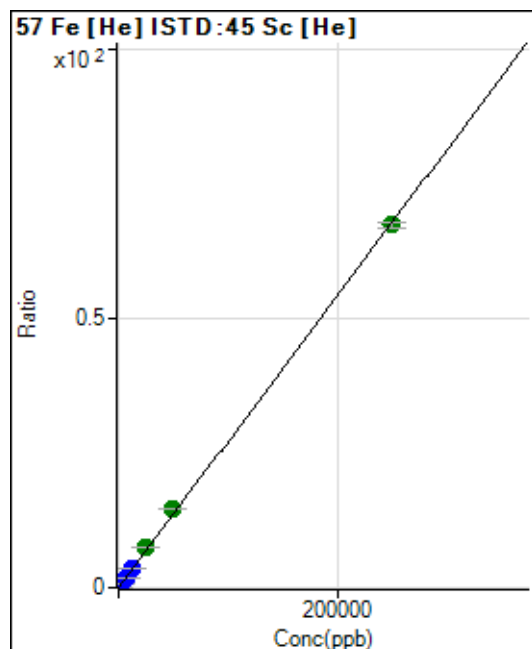
$$y = 0.0107 * x + 0.0219$$

$$R = 0.9998$$

$$DL = 0.4365$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.56	0.0007	P	14.0
2	☐	5.000	5.285	575.95	0.0022	P	5.7
3	☐	50.000	51.888	3935.81	0.0148	P	1.4
4	☐	2500.000	2653.476	192204.48	0.7190	P	1.1
5	☐	6250.000	6694.233	472275.16	1.8128	P	1.2
6	☐	12500.000	13383.690	931555.23	3.6235	P	0.6
7	☐	25000.000	27690.686	1942416.48	7.4962	A	0.9
8	☐	50000.000	54072.236	3786704.45	14.6373	A	1.9
9	☐	250000.00	248859.65	18323578.88	67.3635	A	1.7

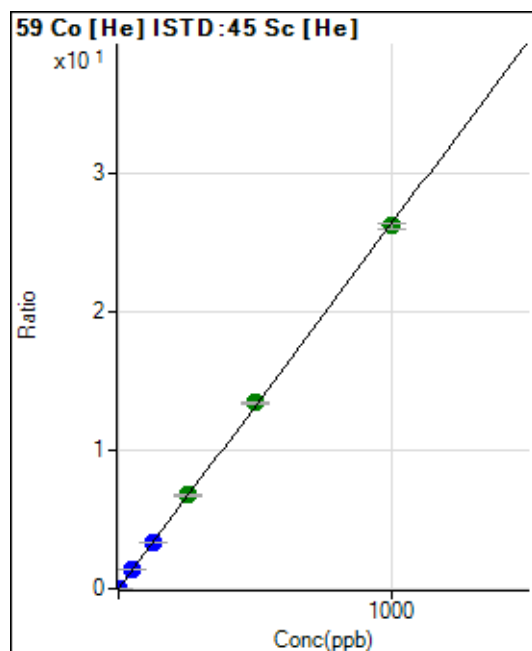
$$y = 2.7069\text{E-}004 * x + 7.4784\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.164$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.67	0.0004	P	28.7
2	☐	0.100	0.089	713.36	0.0027	P	4.3
3	☐	1.000	0.964	6856.16	0.0258	P	3.2
4	☐	50.000	50.579	356455.31	1.3335	P	1.5
5	☐	125.000	126.389	868018.82	3.3317	P	0.3
6	☐	250.000	256.059	1735138.64	6.7495	A	1.7
7	☐	500.000	509.236	3478002.07	13.4226	A	1.1
8	☐	1000.000	993.665	6775761.15	26.1911	A	1.7
9	☐			15239.38	0.0560	P	1.2

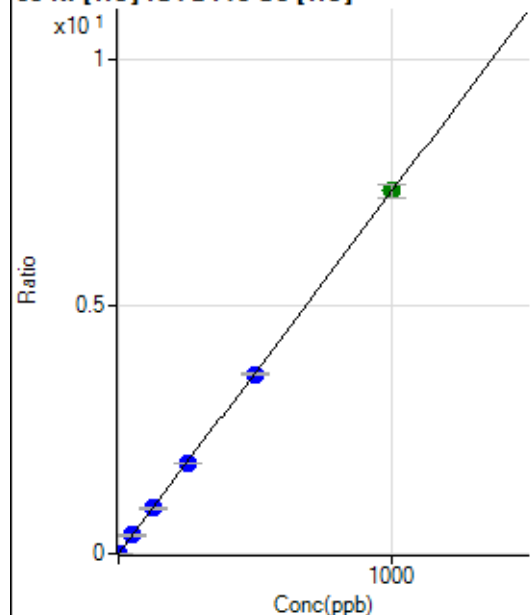
$$y = 0.0264 * x + 3.5082\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.01146$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0011	P	10.7
2	☐	0.100	0.122	524.46	0.0020	P	6.1
3	☐	1.000	1.019	2271.32	0.0085	P	2.6
4	☐	50.000	50.520	99028.54	0.3705	P	1.9
5	☐	125.000	125.164	238701.49	0.9162	P	1.4
6	☐	250.000	248.930	468189.30	1.8212	P	0.5
7	☐	500.000	495.952	939886.29	3.6273	P	1.0
8	☐	1000.000	1002.245	1895781.80	7.3291	A	3.5
9	☐			5097.63	0.0187	P	2.9

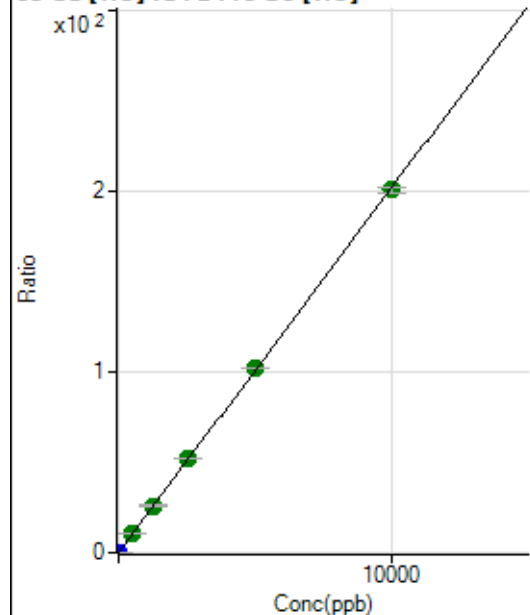
$$y = 0.0073 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.048$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1104.50	0.0040	P	3.4
2	☐	0.200	0.151	1870.14	0.0071	P	2.2
3	☐	2.000	1.818	10839.81	0.0407	P	1.4
4	☐	500.000	522.759	2824561.35	10.5654	A	0.9
5	☐	1250.000	1281.947	6748376.70	25.9035	A	2.0
6	☐	2500.000	2577.036	13385839.25	52.0685	A	1.1
7	☐	5000.000	5059.015	26486893.21	102.2125	A	0.8
8	☐	10000.000	9946.102	51986202.56	200.9476	A	1.7
9	☐			11331.28	0.0417	P	2.2

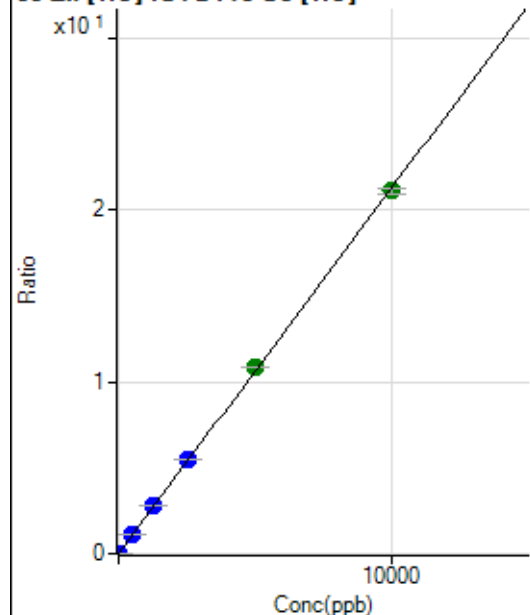
$$y = 0.0202 * x + 0.0040$$

$$R = 0.9999$$

$$DL = 0.02027$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	532.87	0.0019	P	6.4
2	☒	0.200					
3	☐	2.000	2.156	1734.74	0.0065	P	6.6
4	☐	500.000	520.696	296510.93	1.1092	P	1.1
5	☐	1250.000	1307.285	724795.57	2.7819	P	0.7
6	☐	2500.000	2565.303	1402942.03	5.4571	P	0.5
7	☐	5000.000	5095.755	2808431.44	10.8382	A	0.4
8	☐	10000.000	9927.601	5462440.07	21.1132	A	1.3
9	☐			9037.92	0.0332	P	2.1

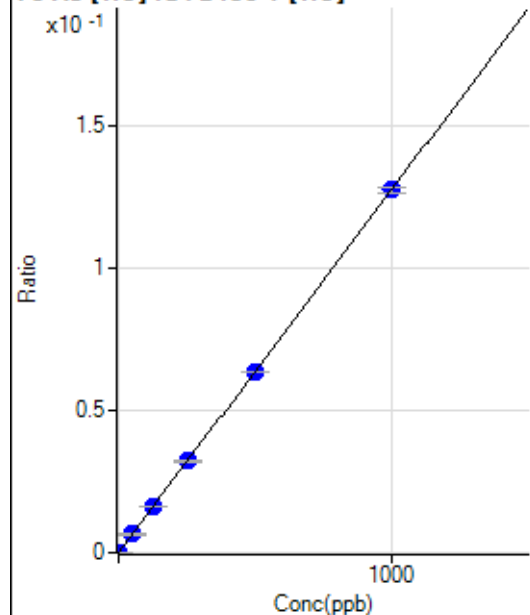
$$y = 0.0021 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 0.1751$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.00	0.0000	P	54.3
2	☐	0.100	0.083	36.67	0.0000	P	11.8
3	☐	1.000	0.936	333.71	0.0001	P	4.6
4	☐	50.000	50.337	17573.70	0.0064	P	0.9
5	☐	125.000	126.401	43129.91	0.0161	P	1.9
6	☐	250.000	252.283	84831.45	0.0321	P	1.0
7	☐	500.000	498.421	170995.21	0.0635	P	0.6
8	☐	1000.000	1000.027	336309.53	0.1273	P	1.6
9	☐			97.68	0.0000	P	3.9

$$y = 1.2733E-004 * x + 2.8860E-006$$

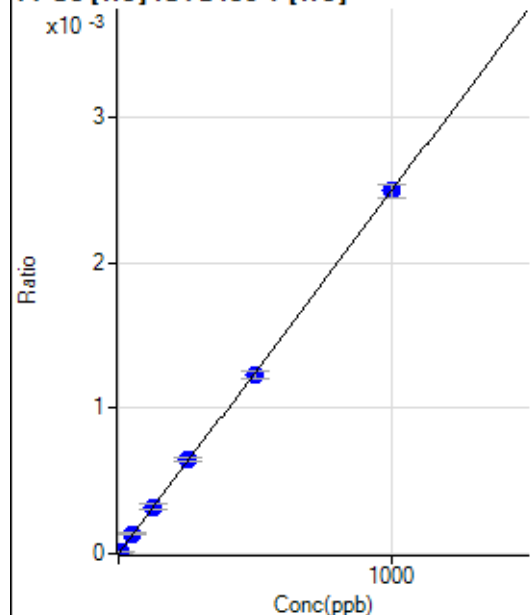
$$R = 1.0000$$

$$DL = 0.03694$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500	1.152	8.89	0.0000	P	58.3
3	☐	5.000	5.220	36.67	0.0000	P	10.2
4	☐	50.000	54.119	371.12	0.0001	P	12.6
5	☐	125.000	129.699	867.82	0.0003	P	11.5
6	☐	250.000	259.346	1709.01	0.0006	P	5.9
7	☐	500.000	493.565	3317.09	0.0012	P	5.0
8	☐	1000.000	1000.087	6584.92	0.0025	P	3.8
9	☐			5.56	0.0000	P	91.5

$$y = 2.4931\text{E-}006 * x + 3.9918\text{E-}007$$

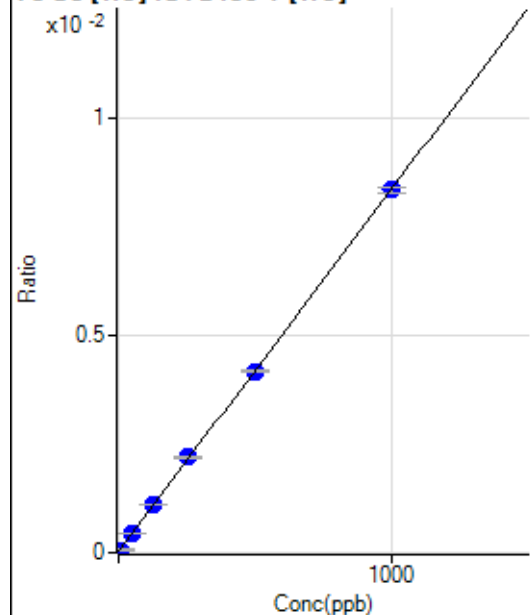
$$R = 0.9999$$

$$DL = 0.832$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.34	0.0000	P	3.2
2	☐	0.500	0.324	82.68	0.0000	P	7.6
3	☐	5.000	4.220	171.69	0.0001	P	14.3
4	☐	50.000	49.874	1217.18	0.0004	P	1.4
5	☐	125.000	128.856	2956.95	0.0011	P	2.8
6	☐	250.000	260.875	5825.80	0.0022	P	1.6
7	☐	500.000	497.299	11264.31	0.0042	P	0.7
8	☐	1000.000	998.160	22089.86	0.0084	P	1.7
9	☐			86.34	0.0000	P	13.5

$$y = 8.3522\text{E-}006 * x + 2.7549\text{E-}005$$

$$R = 0.9999$$

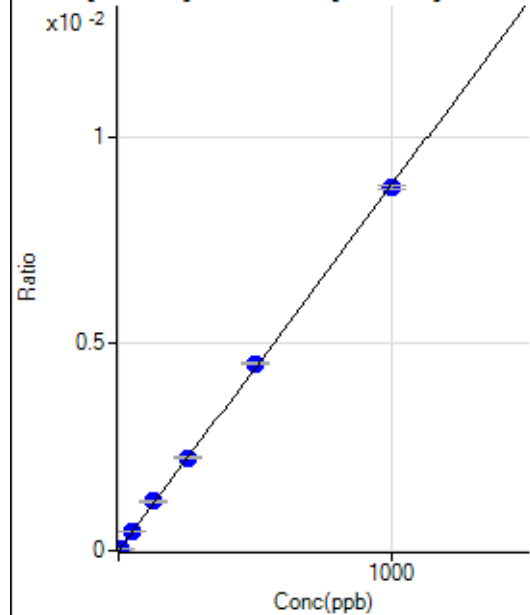
$$DL = 0.3144$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22725.18		P	2.6
2	☐			23163.05		P	2.0
3	☐			22147.06		P	4.2
4	☐			22183.84		P	1.6
5	☐			22016.57		P	3.1
6	☐			21274.75		P	1.3
7	☐			21134.36		P	6.0
8	☐			21107.75		P	5.3
9	☐			22327.49		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-88.90	0.0000	P	-65.
2	☒	0.500					
3	☐	5.000	5.494	1060.33	0.0000	P	3.0
4	☐	50.000	50.522	10976.75	0.0004	P	1.7
5	☐	125.000	134.161	27489.52	0.0012	P	7.2
6	☐	250.000	254.367	54505.29	0.0022	P	1.4
7	☐	500.000	510.693	109077.51	0.0045	P	1.1
8	☐	1000.000	992.388	216516.22	0.0088	P	1.0
9	☐			253.35	0.0000	P	31.3

$$y = 8.8375E-006 * x - 3.5234E-006$$

$$R = 0.9999$$

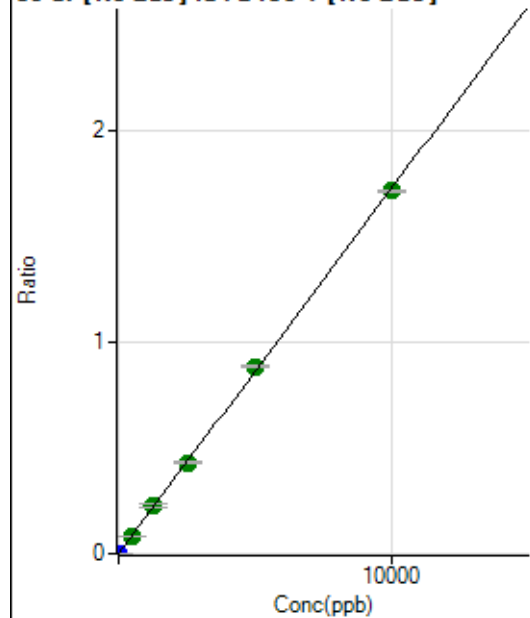
$$DL = 0.7794$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1028.94		P	5.8
2	☐			901.15		P	3.8
3	☐			948.93		P	1.1
4	☐			903.37		P	3.8
5	☐			982.27		P	3.2
6	☐			876.70		P	3.0
7	☐			958.93		P	8.5
8	☐			982.27		P	3.7
9	☐			961.15		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1564.03	0.0001	P	8.4
2	☐	0.100	0.130	2002.97	0.0001	P	4.6
3	☐	1.000	1.073	5823.62	0.0002	P	6.5
4	☐	500.000	492.252	2109632.36	0.0851	A	2.5
5	☐	1250.000	1313.858	5288001.51	0.2271	A	5.1
6	☐	2500.000	2497.482	10483220.37	0.4317	A	2.3
7	☐	5000.000	5116.186	21390488.32	0.8843	A	0.9
8	☐	10000.000	9934.942	42412365.18	1.7172	A	0.6
9	☐			26982.21	0.0011	P	4.4

$$y = 1.7284E-004 * x + 6.2076E-005$$

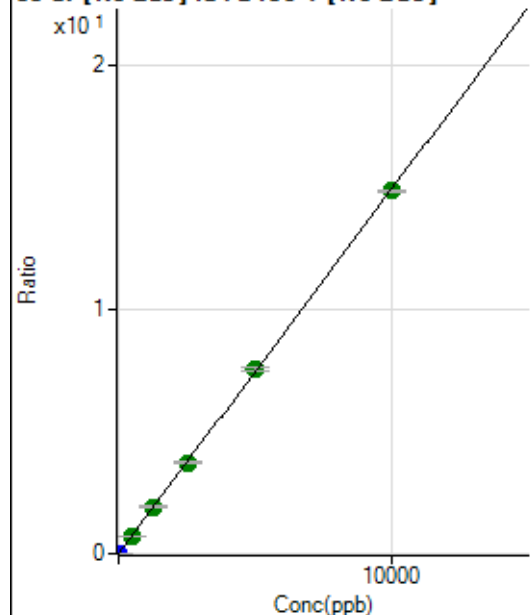
$$R = 0.9999$$

$$DL = 0.091$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	555.58	0.0000	P	13.1
2	☐	0.100	0.105	4228.54	0.0002	P	2.5
3	☐	1.000	1.064	37841.06	0.0016	P	1.8
4	☐	500.000	484.779	17896774.01	0.7222	A	1.9
5	☐	1250.000	1280.597	44394911.76	1.9078	A	5.8
6	☐	2500.000	2490.075	90079707.57	3.7096	A	2.2
7	☐	5000.000	5083.183	183148551.3	7.5726	A	2.0
8	☐	10000.000	9957.826	366395055.4	14.8345	A	0.4
9	☐			214942.93	0.0087	P	4.2

$$y = 0.0015 * x + 2.2082E-005$$

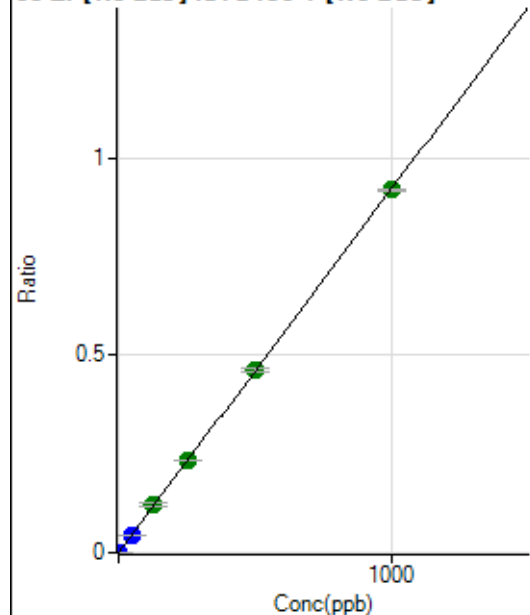
$$R = 0.9999$$

$$DL = 0.005829$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1202.87	0.0000	P	10.1
2	☐	0.100	0.093	3169.90	0.0001	P	4.7
3	☐	1.000	0.953	21798.19	0.0009	P	3.9
4	☐	50.000	49.324	1127434.39	0.0455	P	1.7
5	☐	125.000	132.564	2841488.63	0.1222	A	7.4
6	☐	250.000	252.667	5656364.97	0.2329	A	0.9
7	☐	500.000	502.001	11190849.90	0.4626	A	2.0
8	☐	1000.000	997.421	22701432.28	0.9191	A	0.4
9	☐			10334.65	0.0004	P	4.5

$$y = 9.2146E-004 * x + 4.7778E-005$$

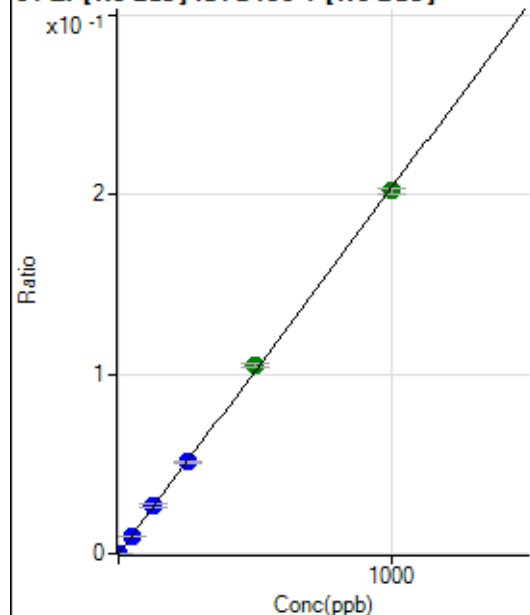
$$R = 1.0000$$

$$DL = 0.01576$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	175.00	0.0000	P	36.5
2	☐	0.100	0.098	636.15	0.0000	P	13.4
3	☐	1.000	0.949	4720.40	0.0002	P	2.0
4	☐	50.000	48.560	245526.41	0.0099	P	2.5
5	☐	125.000	130.185	617102.04	0.0266	P	8.6
6	☐	250.000	249.934	1238012.51	0.0510	P	0.6
7	☐	500.000	514.944	2540254.79	0.1050	A	2.5
8	☐	1000.000	991.968	4996836.40	0.2023	A	1.3
9	☐			2289.14	0.0001	P	7.2

$$y = 2.0392\text{E-}004 * x + 6.9611\text{E-}006$$

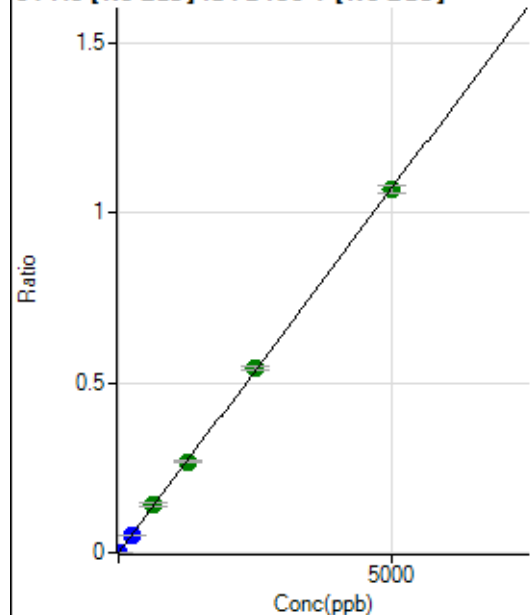
$$R = 0.9998$$

$$DL = 0.03741$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	319.46	0.0000	P	6.4
2	☐	0.500	0.482	2750.35	0.0001	P	8.8
3	☐	5.000	4.923	25131.56	0.0011	P	2.2
4	☐	250.000	245.265	1302107.79	0.0525	P	1.3
5	☐	625.000	661.459	3294841.07	0.1417	A	7.2
6	☐	1250.000	1247.394	6488413.04	0.2672	A	1.2
7	☐	2500.000	2527.693	13095172.60	0.5414	A	2.5
8	☐	5000.000	4982.484	26358521.77	1.0672	A	2.1
9	☐			8538.99	0.0003	P	7.4

$$y = 2.1418\text{E-}004 * x + 1.2683\text{E-}005$$

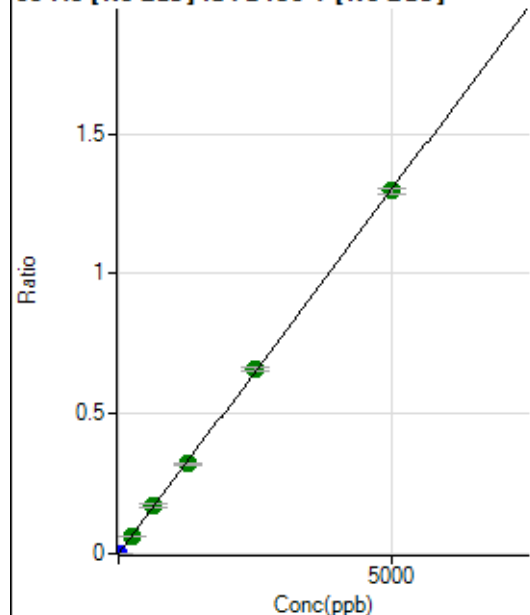
$$R = 1.0000$$

$$DL = 0.01146$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	16.3
2	☐	0.500	0.478	3017.09	0.0001	P	5.6
3	☐	5.000	4.885	29966.29	0.0013	P	5.0
4	☐	250.000	241.531	1556775.11	0.0628	A	2.4
5	☐	625.000	658.633	3979544.84	0.1713	A	9.6
6	☐	1250.000	1238.526	7823003.13	0.3222	A	2.0
7	☐	2500.000	2534.654	15946340.46	0.6593	A	1.4
8	☐	5000.000	4981.761	32003709.74	1.2958	A	1.5
9	☐			7316.05	0.0003	P	11.6

$$y = 2.6011\text{E-}004 * x + 2.8622\text{E-}006$$

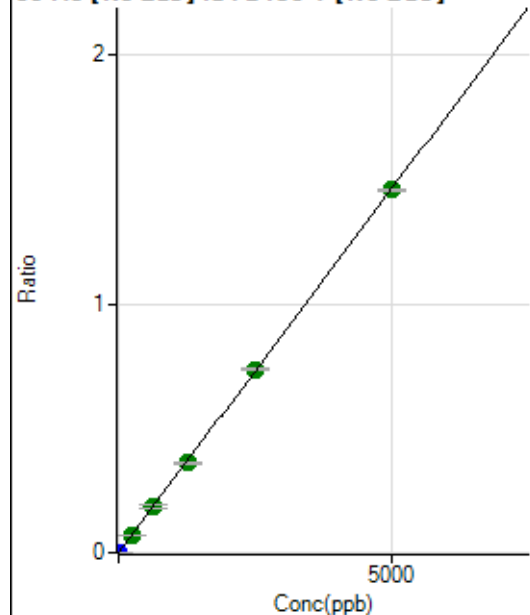
$$R = 0.9999$$

$$DL = 0.005366$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0000	P	14.4
2	☐	0.500	0.459	3397.71	0.0001	P	9.2
3	☐	5.000	4.816	33357.47	0.0014	P	5.5
4	☐	250.000	240.905	1746360.26	0.0705	A	0.9
5	☐	625.000	645.878	4391606.61	0.1889	A	7.8
6	☐	1250.000	1238.787	8797771.90	0.3623	A	2.1
7	☐	2500.000	2524.900	17861805.96	0.7385	A	1.0
8	☐	5000.000	4988.199	36032846.98	1.4589	A	0.8
9	☐			22401.95	0.0009	P	3.0

$$y = 2.9246\text{E-}004 * x + 9.2505\text{E-}006$$

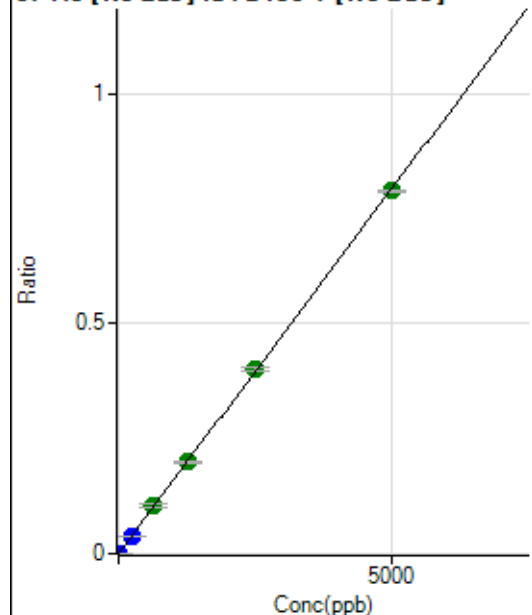
$$R = 1.0000$$

$$DL = 0.01367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	22.9
2	☐	0.500	0.487	1894.63	0.0001	P	5.9
3	☐	5.000	4.997	18704.68	0.0008	P	2.5
4	☐	250.000	243.782	957484.28	0.0386	P	2.0
5	☐	625.000	656.967	2420250.18	0.1041	A	8.2
6	☐	1250.000	1260.051	4849207.35	0.1997	A	2.2
7	☐	2500.000	2535.375	9718502.13	0.4018	A	2.0
8	☐	5000.000	4976.115	19479077.69	0.7886	A	0.6
9	☐			4550.88	0.0002	P	13.8

$$y = 1.5849\text{E-}004 * x + 2.6522\text{E-}006$$

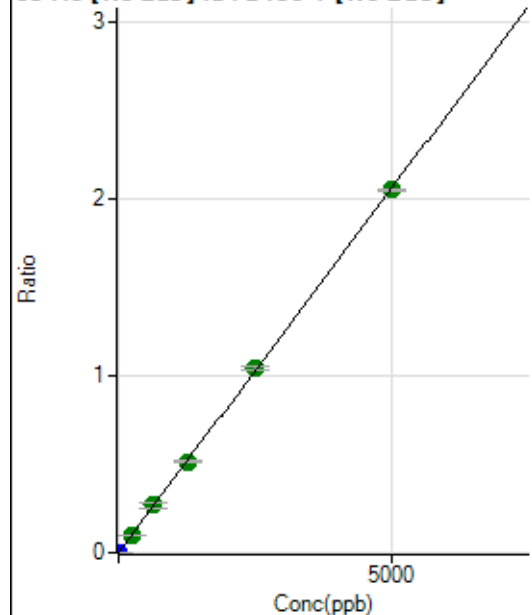
$$R = 0.9999$$

$$DL = 0.01149$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	19.9
2	☐	0.500	0.461	4609.26	0.0002	P	4.1
3	☐	5.000	4.931	47975.48	0.0020	P	2.2
4	☐	250.000	245.398	2507731.67	0.1012	A	1.4
5	☐	625.000	649.188	6220938.07	0.2677	A	8.9
6	☐	1250.000	1253.708	12555108.27	0.5170	A	1.3
7	☐	2500.000	2529.777	25230958.90	1.0432	A	1.9
8	☐	5000.000	4981.391	50737076.83	2.0541	A	0.6
9	☐			11118.68	0.0005	P	14.1

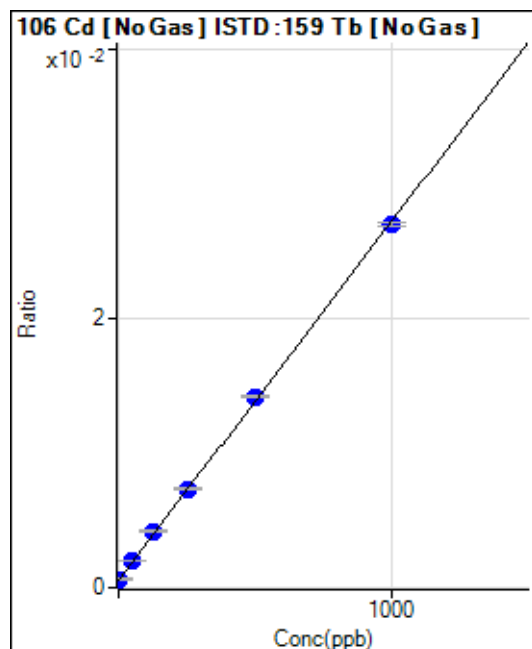
$$y = 4.1236\text{E-}004 * x + 4.2976\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006209$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6307.17	0.0005	P	5.5
2	☐	0.100	1.701	6221.00	0.0006	P	4.2
3	☐	1.000	3.201	6676.85	0.0006	P	6.2
4	☐	50.000	53.594	21676.05	0.0020	P	0.9
5	☐	125.000	137.257	44517.50	0.0042	P	3.3
6	☐	250.000	255.439	81645.35	0.0074	P	1.0
7	☐	500.000	512.157	159005.38	0.0142	P	1.5
8	☐	1000.000	990.848	307850.88	0.0270	P	1.0
9	☐			6487.83	0.0006	P	4.3

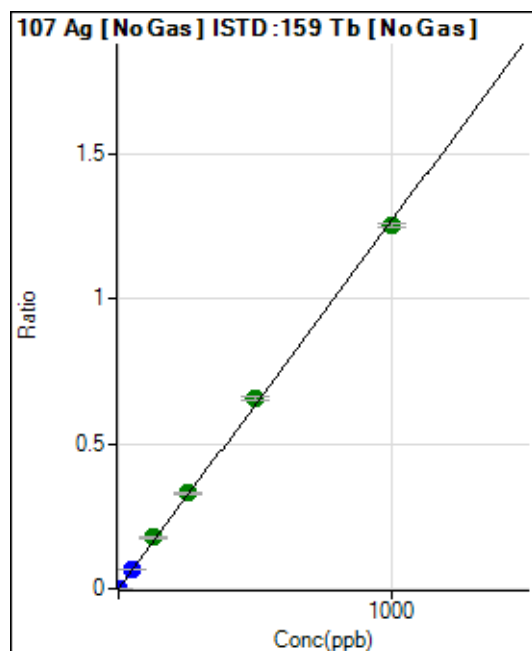
$$y = 2.6677\text{E-}005 * x + 5.4358\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.336$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.57	0.0000	P	26.8
2	☐	0.100	0.089	1469.56	0.0001	P	4.5
3	☐	1.000	1.001	13757.27	0.0013	P	4.8
4	☐	50.000	52.711	735452.68	0.0670	P	1.6
5	☐	125.000	139.347	1873337.32	0.1770	A	3.4
6	☐	250.000	259.396	3654525.65	0.3294	A	1.7
7	☐	500.000	518.434	7367338.53	0.6584	A	2.3
8	☐	1000.000	986.505	14295961.95	1.2527	A	1.0
9	☐			3025.43	0.0003	P	10.7

$$y = 0.0013 * x + 2.6284\text{E-}005$$

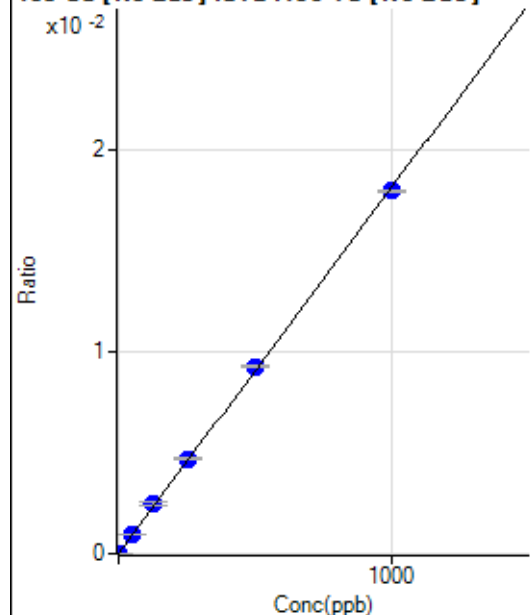
$$R = 0.9996$$

$$DL = 0.01666$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	13.9
2	☐	0.100	0.047	91.67	0.0000	P	50.8
3	☐	1.000	0.972	270.84	0.0000	P	12.1
4	☐	50.000	51.272	10309.52	0.0009	P	2.4
5	☐	125.000	136.570	26318.31	0.0025	P	5.0
6	☐	250.000	258.356	52115.03	0.0047	P	2.6
7	☐	500.000	510.703	103869.85	0.0093	P	1.0
8	☐	1000.000	991.050	205406.23	0.0180	P	0.5
9	☐			241.67	0.0000	P	12.5

$$y = 1.8155E-005 * x + 7.9080E-006$$

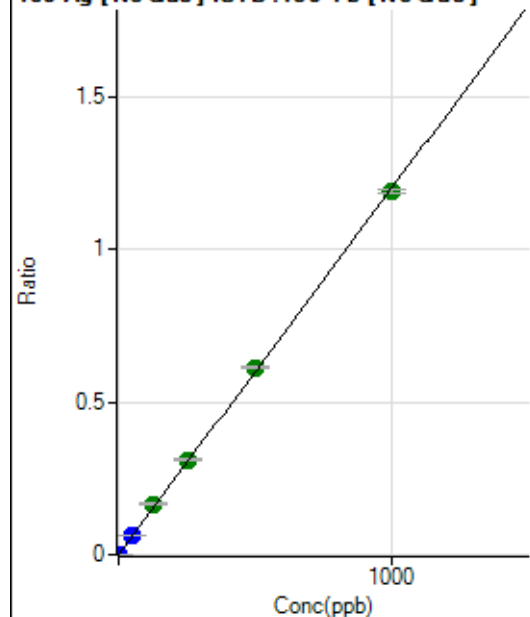
$$R = 0.9998$$

$$DL = 0.1813$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0000	P	19.1
2	☐	0.100	0.084	1325.10	0.0001	P	3.6
3	☐	1.000	0.986	12803.55	0.0012	P	3.9
4	☐	50.000	50.985	671474.69	0.0611	P	3.6
5	☐	125.000	136.957	1737583.49	0.1642	A	4.3
6	☐	250.000	257.748	3427972.88	0.3090	A	1.8
7	☐	500.000	511.492	6863931.97	0.6132	A	1.0
8	☐	1000.000	990.773	13553949.52	1.1878	A	1.0
9	☐			2755.91	0.0002	P	9.0

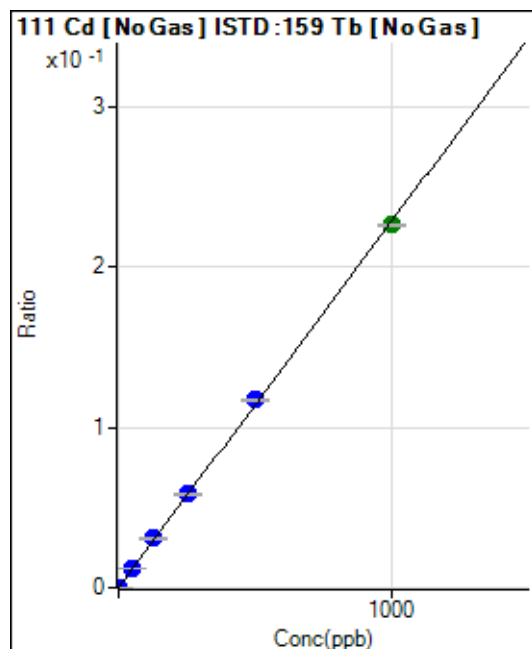
$$y = 0.0012 * x + 2.4851E-005$$

$$R = 0.9998$$

$$DL = 0.01185$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	638.77	0.0001	P	3.9
2	☐	0.100	0.111	849.61	0.0001	P	1.4
3	☐	1.000	1.029	3072.83	0.0003	P	0.4
4	☐	50.000	51.933	130687.63	0.0119	P	1.7
5	☐	125.000	134.005	323812.39	0.0306	P	5.8
6	☐	250.000	255.544	647197.56	0.0583	P	1.0
7	☐	500.000	513.136	1310401.58	0.1171	P	0.7
8	☐	1000.000	990.824	2579210.36	0.2260	A	0.9
9	☐			1126.86	0.0001	P	4.7

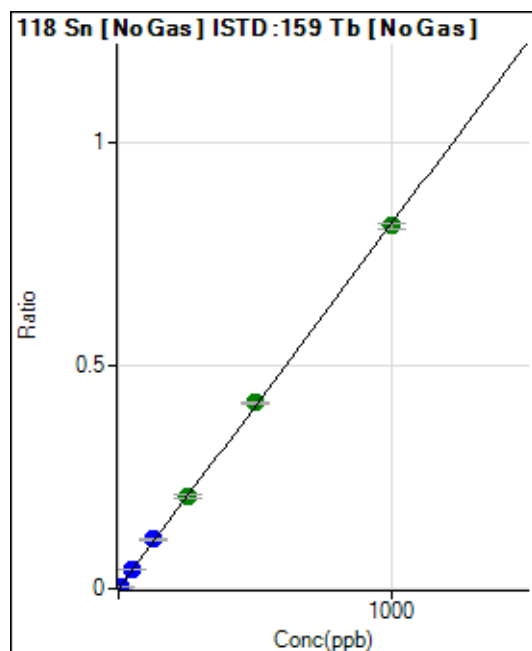
$$y = 2.2806\text{E-}004 * x + 5.5039\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.0285$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1669.61	0.0001	P	8.0
2	☐	0.500	0.509	5923.66	0.0006	P	2.4
3	☐	5.000	4.847	43631.40	0.0041	P	2.5
4	☐	50.000	50.803	458528.65	0.0418	P	2.7
5	☐	125.000	134.222	1164812.37	0.1101	P	4.2
6	☐	250.000	252.886	2298806.04	0.2073	A	3.4
7	☐	500.000	508.381	4661698.89	0.4165	A	1.9
8	☐	1000.000	993.896	9291086.41	0.8142	A	1.5
9	☐			3589.47	0.0003	P	7.8

$$y = 8.1905\text{E-}004 * x + 1.4377\text{E-}004$$

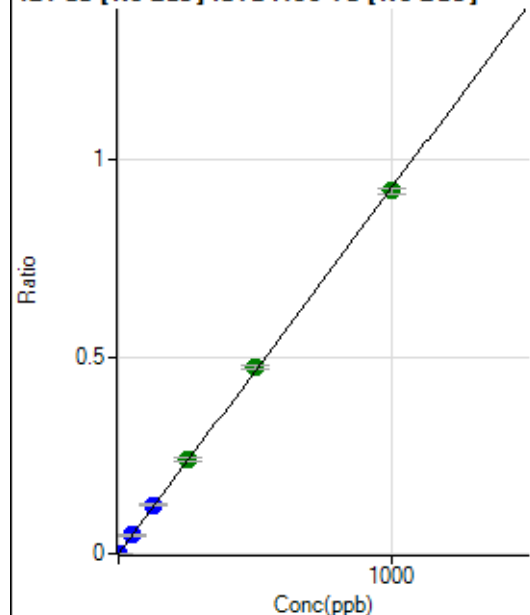
$$R = 0.9999$$

$$DL = 0.04189$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	24.0
2	☐	0.200	0.204	2069.66	0.0002	P	2.3
3	☐	2.000	1.905	18813.38	0.0018	P	3.7
4	☐	50.000	50.191	511372.96	0.0466	P	2.2
5	☐	125.000	131.875	1294575.08	0.1223	P	3.9
6	☐	250.000	257.692	2651068.66	0.2390	A	3.8
7	☐	500.000	509.348	5287395.61	0.4725	A	1.6
8	☐	1000.000	992.534	10505790.51	0.9206	A	1.3
9	☐			6168.25	0.0006	P	8.0

$$y = 9.2756\text{E-}004 * x + 6.9394\text{E-}006$$

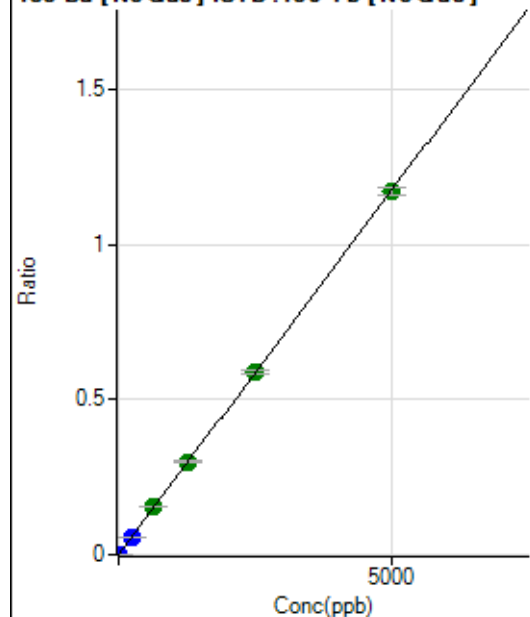
$$R = 0.9999$$

$$DL = 0.005379$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	53.7
2	☐	1.000	0.969	2464.18	0.0002	P	1.7
3	☐	10.000	9.535	23796.50	0.0022	P	2.6
4	☐	250.000	246.674	636006.65	0.0579	P	2.5
5	☐	625.000	659.664	1639331.75	0.1549	A	3.2
6	☐	1250.000	1279.730	3332225.51	0.3004	A	3.4
7	☐	2500.000	2515.090	6607395.07	0.5904	A	1.6
8	☐	5000.000	4980.857	13342449.26	1.1692	A	2.0
9	☐			4178.57	0.0004	P	2.1

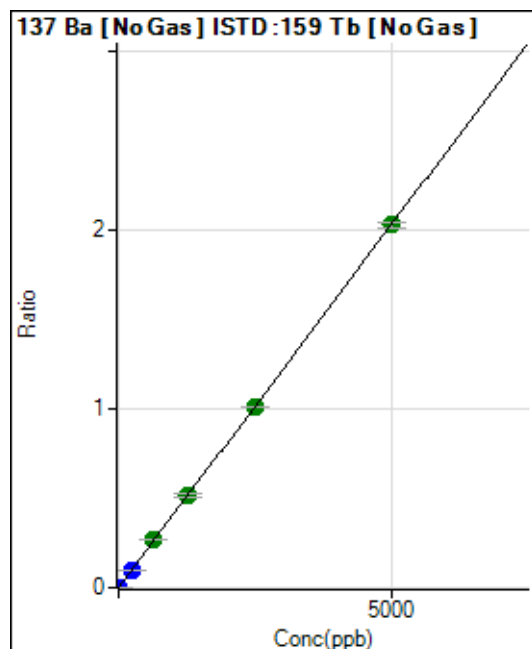
$$y = 2.3474\text{E-}004 * x + 5.4943\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03771$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	52.8
2	☐	1.000	0.940	4067.42	0.0004	P	7.7
3	☐	10.000	9.814	42278.38	0.0040	P	1.8
4	☐	250.000	247.296	1102093.44	0.1003	P	1.7
5	☐	625.000	661.988	2843678.54	0.2686	A	2.6
6	☐	1250.000	1269.780	5716168.92	0.5152	A	2.8
7	☐	2500.000	2491.310	11313819.09	1.0108	A	0.4
8	☐	5000.000	4994.912	23127516.14	2.0267	A	1.9
9	☐			7065.93	0.0006	P	8.1

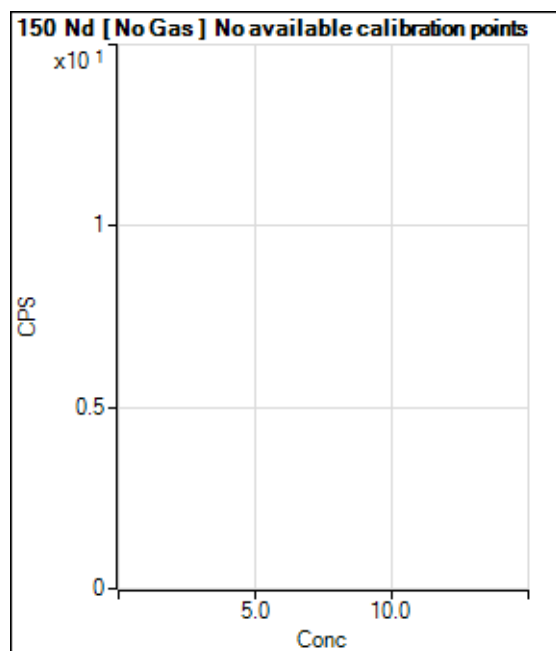
$$y = 4.0574E-004 * x + 4.0902E-006$$

$$R = 1.0000$$

$$DL = 0.01595$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.56		P	65.5
2	☐			8.89		P	114.
3	☐			11.11		P	91.7
4	☐			37.78		P	50.9
5	☐			60.00		P	11.1
6	☐			140.00		P	14.3
7	☐			260.01		P	5.1
8	☐			615.58		P	11.4
9	☐			102.22		P	3.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	100.
2	☐			2.22		P	86.6
3	☐			1.11		P	173.
4	☐			3.33		P	173.
5	☐			5.56		P	91.6
6	☐			16.67		P	20.0
7	☐			22.22		P	31.2
8	☐			38.89		P	21.6
9	☐			37.78		P	13.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐			16.67		P	173.
3	☐			8.33		P	173.
4	☐			27.78		P	96.4
5	☐			88.89		P	39.0
6	☐			183.34		P	12.0
7	☐			247.23		P	15.9
8	☐			458.36		P	30.0
9	☐			1747.39		P	6.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			2.22		P	86.6
3	☐			5.56		P	34.7
4	☐			15.56		P	61.9
5	☐			23.33		P	37.8
6	☐			60.00		P	9.6
7	☐			101.11		P	19.0
8	☐			258.89		P	11.7
9	☐			834.48		P	3.4

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	23.6
2	☐			105.56		P	24.1
3	☐			77.78		P	55.0
4	☐			80.56		P	23.9
5	☐			100.00		P	44.1
6	☐			172.23		P	2.8
7	☐			244.45		P	21.7
8	☐			430.58		P	14.8
9	☐			1558.47		P	12.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	6.9
2	☐			71.11		P	24.1
3	☐			67.78		P	33.5
4	☐			91.11		P	20.1
5	☐			83.34		P	18.3
6	☐			127.78		P	22.8
7	☐			171.12		P	13.3
8	☐			282.23		P	6.9
9	☐			975.60		P	6.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.33		P	17.3
2	☐			102.78		P	33.8
3	☐			63.89		P	27.2
4	☐			88.89		P	21.6
5	☐			80.56		P	31.6
6	☐			125.00		P	17.6
7	☐			122.23		P	35.0
8	☐			113.89		P	22.4
9	☐			291.68		P	5.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	33.8
2	☐			33.33		P	26.4
3	☐			27.78		P	25.0
4	☐			35.56		P	53.3
5	☐			34.44		P	40.3
6	☐			33.33		P	52.9
7	☐			62.22		P	30.5
8	☐			71.11		P	11.8
9	☐			168.89		P	5.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			27.78		P	17.3
3	☐			25.00		P	0.0
4	☐			30.56		P	41.7
5	☐			27.78		P	17.3
6	☐			44.44		P	71.0
7	☐			38.89		P	24.7
8	☐			72.22		P	35.2
9	☐			175.01		P	17.2

172 Yb [He] No available calibration points

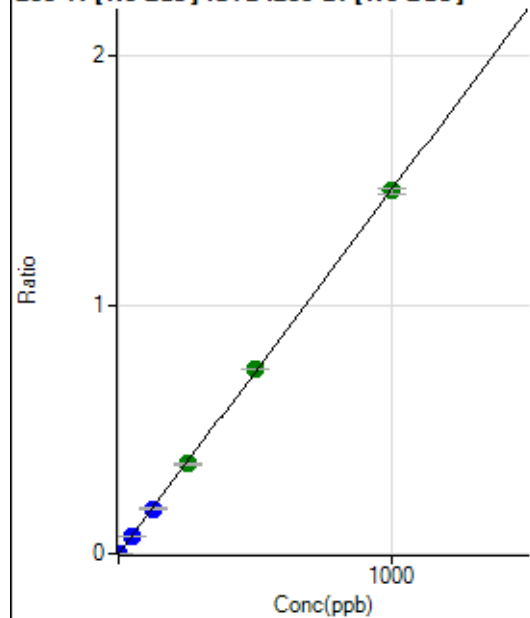
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	25.0
2	☐			12.96		P	89.2
3	☐			16.67		P	33.3
4	☐			22.22		P	86.6
5	☐			20.37		P	56.8
6	☐			20.37		P	68.6
7	☐			20.37		P	15.7
8	☐			22.22		P	25.0
9	☐			72.22		P	7.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1341.78		P	19.6
2	☐			1247.32		P	2.3
3	☐			1269.54		P	1.7
4	☐			3030.99		P	6.0
5	☐			5637.50		P	4.7
6	☐			10273.71		P	2.6
7	☐			19172.81		P	1.1
8	☐			38298.01		P	1.3
9	☐			1611.26		P	11.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5067.72		P	0.9
2	☐			4749.09		P	4.3
3	☐			4788.00		P	9.4
4	☐			5871.79		P	6.6
5	☐			7124.28		P	6.1
6	☐			9614.76		P	3.7
7	☐			14463.78		P	0.3
8	☐			23908.92		P	1.8
9	☐			5221.49		P	5.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	463.91	0.0001	P	5.7
2	☐	0.100	0.096	1200.09	0.0002	P	7.4
3	☐	1.000	0.901	7788.71	0.0014	P	3.9
4	☐	50.000	46.065	387474.41	0.0674	P	1.6
5	☐	125.000	123.359	1009251.48	0.1803	P	3.7
6	☐	250.000	247.905	2123768.54	0.3623	A	2.6
7	☐	500.000	506.395	4302659.56	0.7401	A	0.5
8	☐	1000.000	997.728	8492181.70	1.4581	A	1.8
9	☐			1491.81	0.0003	P	13.1

$$y = 0.0015 * x + 7.7786E-005$$

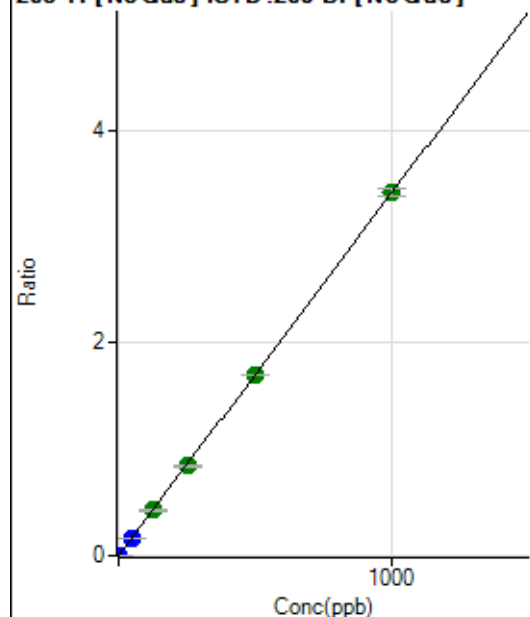
$$R = 1.0000$$

$$DL = 0.009051$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	983.39	0.0002	P	13.0
2	☐	0.100	0.090	2600.34	0.0005	P	5.4
3	☐	1.000	0.914	18316.10	0.0033	P	6.1
4	☐	50.000	46.903	919395.22	0.1600	P	3.0
5	☐	125.000	125.068	2385318.61	0.4262	A	4.2
6	☐	250.000	247.898	4950788.52	0.8447	A	2.5
7	☐	500.000	499.690	9897042.67	1.7025	A	0.3
8	☐	1000.000	1000.827	19858849.58	3.4097	A	2.3
9	☐			3909.05	0.0007	P	17.3

$$y = 0.0034 * x + 1.6479E-004$$

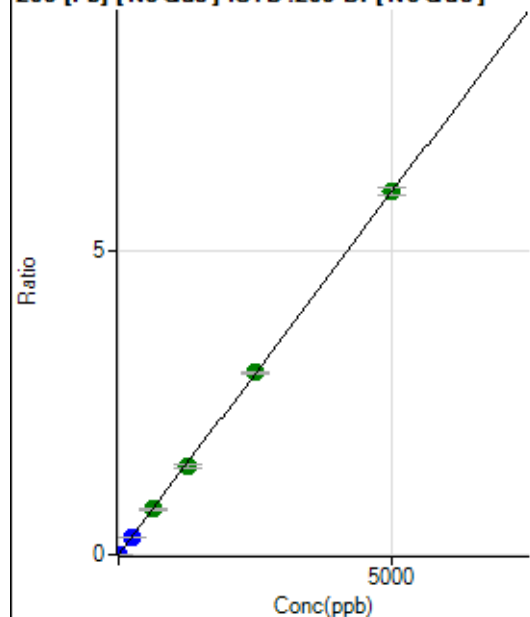
$$R = 1.0000$$

$$DL = 0.01892$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1272.31	0.0002	P	6.9
2	☐	0.100	0.097	1811.27	0.0003	P	7.1
3	☐	1.000	0.912	7270.69	0.0013	P	2.1
4	☐	250.000	230.617	1579548.99	0.2748	P	4.0
5	☐	625.000	623.702	4157441.50	0.7429	A	3.9
6	☐	1250.000	1214.174	8475007.25	1.4461	A	3.5
7	☐	2500.000	2510.179	17375747.38	2.9894	A	1.5
8	☐	5000.000	5004.999	34715235.50	5.9603	A	2.1
9	☐			16418.09	0.0030	P	4.1

$$y = 0.0012 * x + 2.1331E-004$$

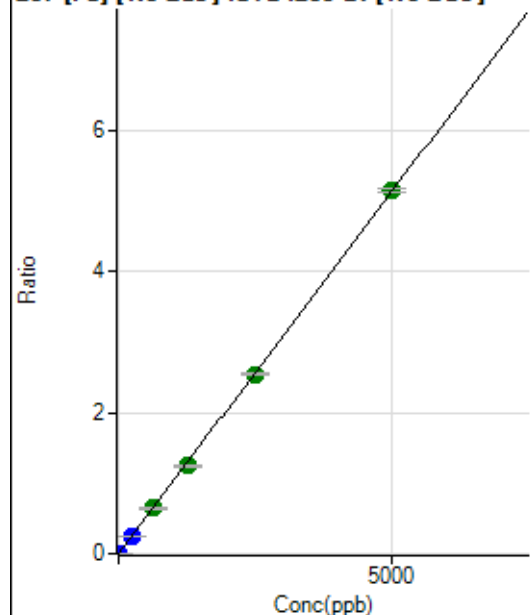
$$R = 1.0000$$

$$DL = 0.03682$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1088.96	0.0002	P	3.4
2	☐	0.100	0.101	1574.20	0.0003	P	11.9
3	☐	1.000	0.895	6146.03	0.0011	P	5.8
4	☐	250.000	232.483	1371572.27	0.2386	P	2.8
5	☐	625.000	630.079	3616206.13	0.6463	A	4.5
6	☐	1250.000	1218.969	7327430.66	1.2502	A	2.5
7	☐	2500.000	2483.530	14806237.25	2.5470	A	1.8
8	☐	5000.000	5016.234	29962099.74	5.1442	A	1.1
9	☐			14456.42	0.0027	P	4.3

$$y = 0.0010 * x + 1.8258E-004$$

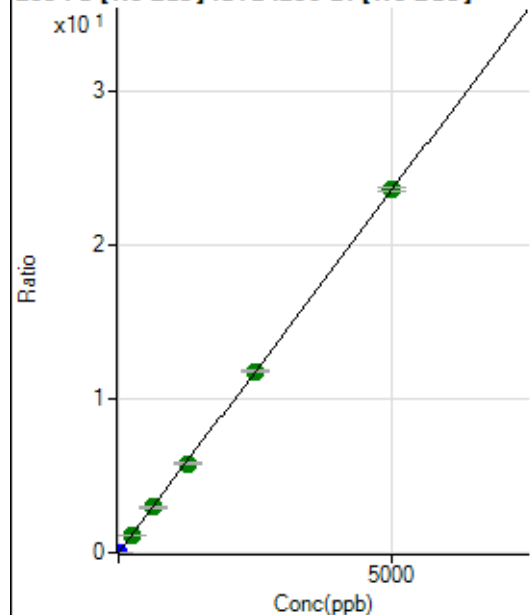
$$R = 1.0000$$

$$DL = 0.01825$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4948.62	0.0008	P	2.7
2	☐	0.100	0.101	7191.67	0.0013	P	1.3
3	☐	1.000	0.916	28727.85	0.0051	P	1.9
4	☐	250.000	237.014	6411134.18	1.1154	A	3.3
5	☐	625.000	629.137	16559979.88	2.9593	A	3.9
6	☐	1250.000	1221.990	33686929.17	5.7471	A	2.2
7	☐	2500.000	2498.958	68316851.18	11.7519	A	0.9
8	☐	5000.000	5007.656	137164257.2	23.5488	A	1.0
9	☐			66238.09	0.0123	P	3.0

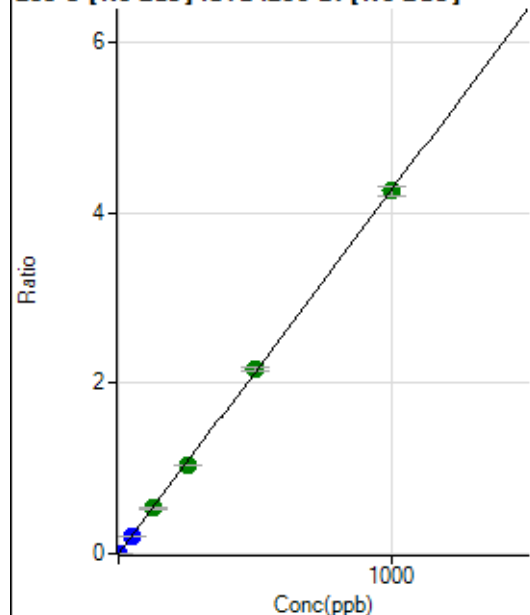
$$y = 0.0047 * x + 8.2949E-004$$

$$R = 1.0000$$

$$DL = 0.01429$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	35.4
2	☐	0.100	0.085	2019.66	0.0004	P	7.4
3	☐	1.000	0.903	21546.70	0.0039	P	1.9
4	☐	50.000	46.021	1127191.24	0.1961	P	3.0
5	☐	125.000	124.446	2967729.02	0.5302	A	3.2
6	☐	250.000	244.025	6095035.68	1.0397	A	0.7
7	☐	500.000	507.333	12567405.75	2.1616	A	2.9
8	☐	1000.000	998.096	24769462.18	4.2526	A	2.3
9	☐			2291.94	0.0004	P	29.0

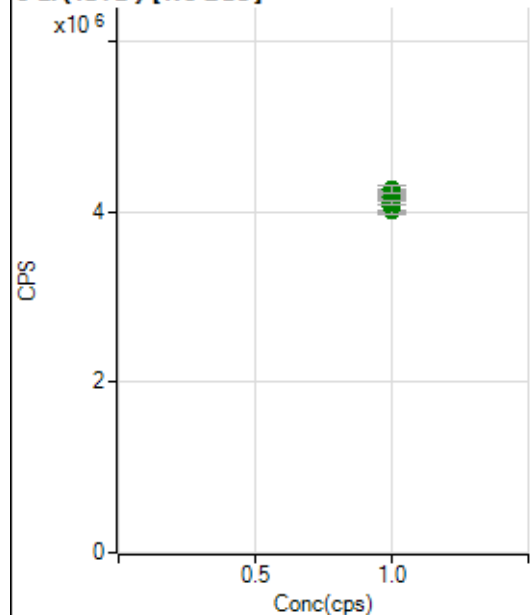
$$y = 0.0043 * x + 4.2122E-006$$

$$R = 0.9999$$

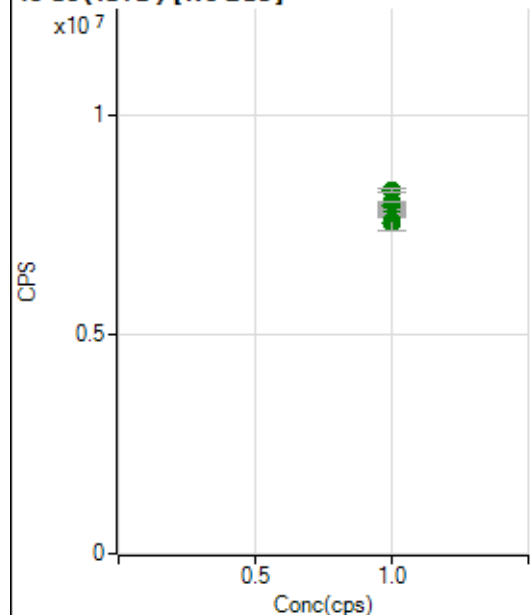
$$DL = 0.001049$$

Weight: <None>

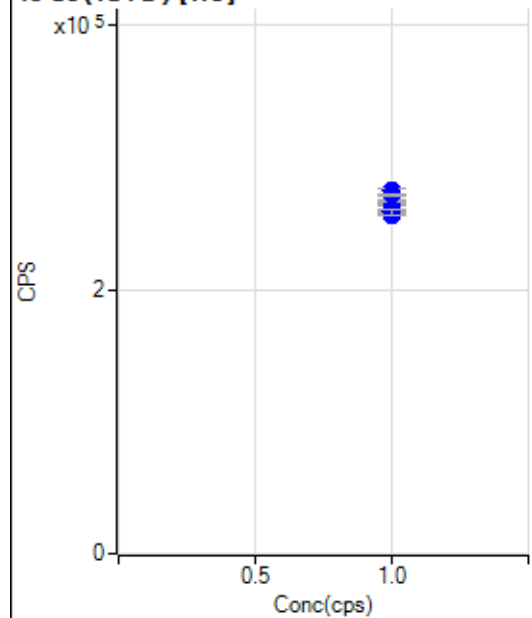
Min Conc: 0

6 Li (ISTD) [No Gas]

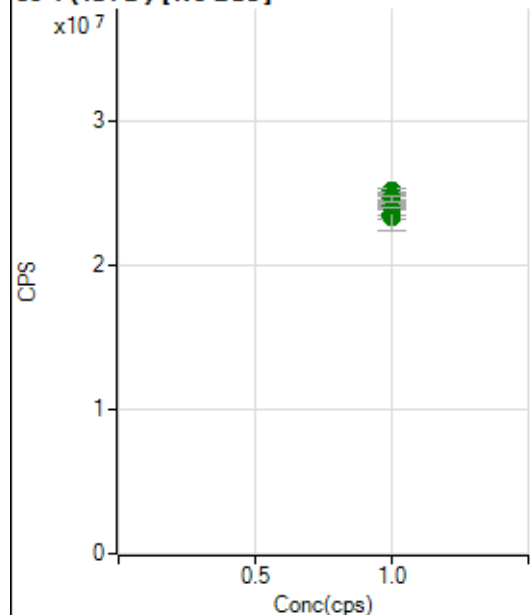
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4263523.47		A	0.6
2	☐	1.000		4057483.63		A	1.8
3	☐	1.000		4019415.42		A	0.5
4	☐	1.000		4200018.60		A	0.6
5	☐	1.000		4070695.88		A	4.8
6	☐	1.000		4190513.64		A	2.7
7	☐	1.000		4122306.70		A	1.4
8	☐	1.000		4263485.25		A	2.1
9	☐	1.000		4112495.79		A	0.6

45 Sc (ISTD) [No Gas]

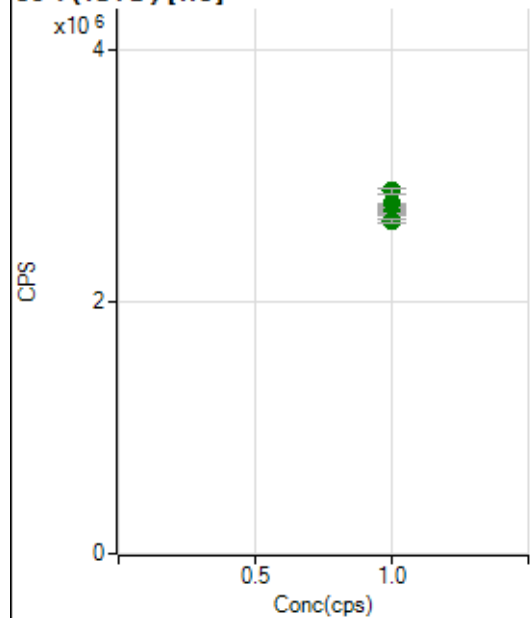
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8286532.93		A	1.2
2	☐	1.000		7808108.42		A	2.0
3	☐	1.000		7813156.27		A	3.0
4	☐	1.000		7894693.28		A	1.8
5	☐	1.000		7554426.42		A	4.9
6	☐	1.000		7779664.75		A	1.4
7	☐	1.000		7850727.24		A	1.6
8	☐	1.000		7942467.45		A	1.5
9	☐	1.000		8026918.98		A	0.2

45 Sc (ISTD) [He]

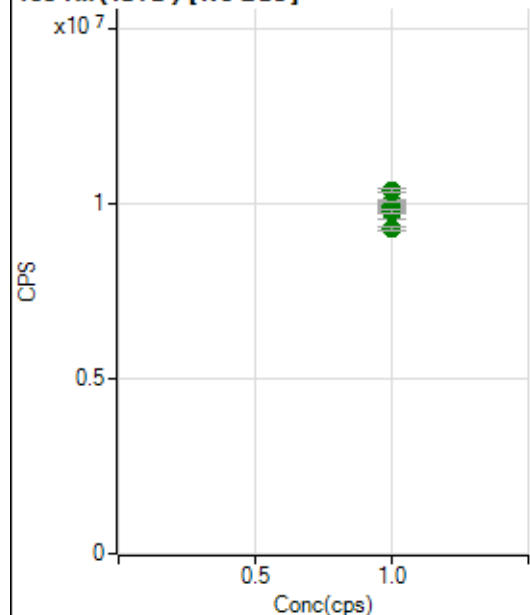
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		274886.34		P	1.3
2	☐	1.000		264383.26		P	0.1
3	☐	1.000		266034.66		P	0.8
4	☐	1.000		267337.58		P	1.0
5	☐	1.000		260531.77		P	0.6
6	☐	1.000		257085.34		P	0.4
7	☐	1.000		259126.44		P	0.7
8	☐	1.000		258743.33		P	1.3
9	☐	1.000		272026.71		P	0.8

89 Y (ISTD) [No Gas]

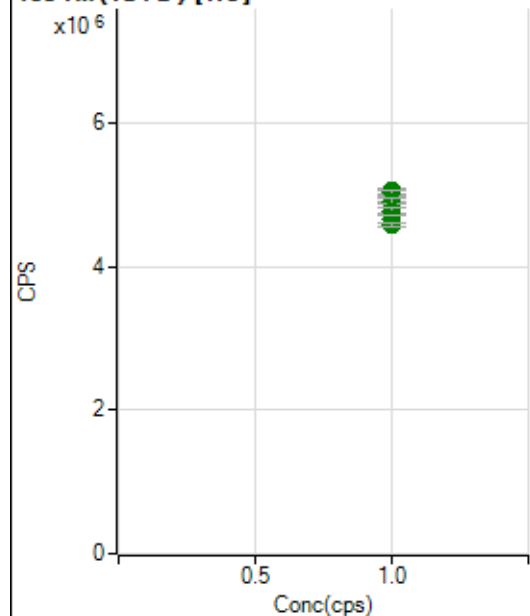
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25194449.35		A	1.6
2	☐	1.000		23703116.04		A	1.6
3	☐	1.000		23550652.43		A	2.8
4	☐	1.000		24785575.74		A	2.1
5	☐	1.000		23337000.21		A	7.4
6	☐	1.000		24288262.69		A	1.8
7	☐	1.000		24188724.92		A	0.9
8	☐	1.000		24699515.19		A	1.3
9	☐	1.000		24688083.80		A	1.7

89 Y (ISTD) [He]

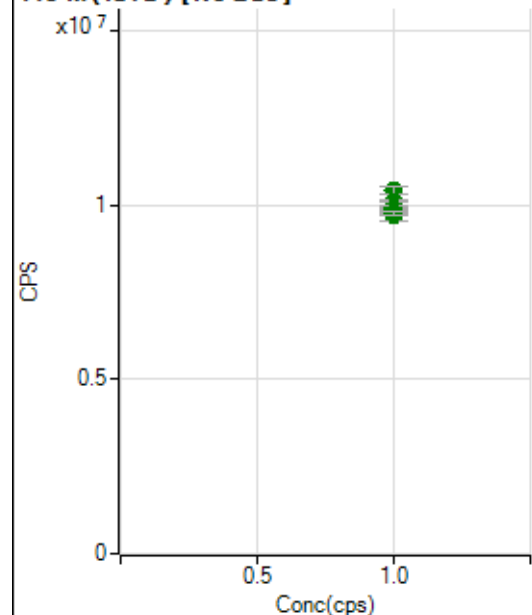
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2771109.11		A	0.5
2	☐	1.000		2735230.63		A	1.8
3	☐	1.000		2735929.77		A	1.6
4	☐	1.000		2740662.96		A	0.8
5	☐	1.000		2679776.04		A	1.7
6	☐	1.000		2640657.10		A	1.0
7	☐	1.000		2694208.45		A	0.9
8	☐	1.000		2641317.39		A	1.2
9	☐	1.000		2877668.01		A	1.5

103 Rh (ISTD) [No Gas]

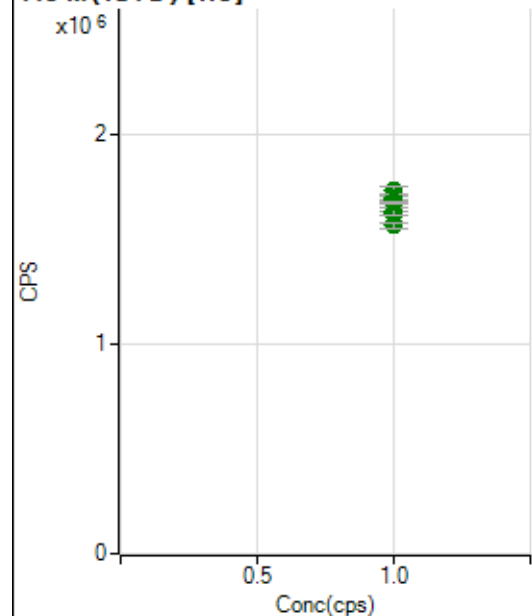
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10384210.22		A	1.1
2	☐	1.000		9907126.18		A	0.7
3	☐	1.000		9921429.21		A	2.0
4	☐	1.000		9980313.07		A	1.6
5	☐	1.000		9729065.41		A	3.7
6	☐	1.000		10072458.64		A	0.8
7	☐	1.000		9881161.51		A	3.4
8	☐	1.000		9792604.73		A	1.3
9	☐	1.000		9315623.21		A	1.4

103 Rh (ISTD) [He]

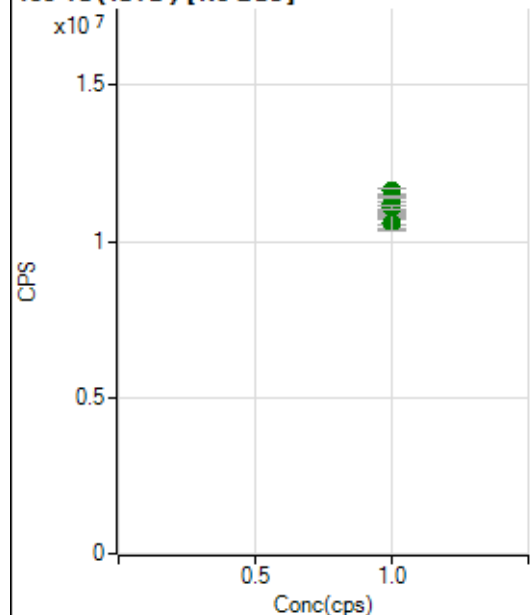
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5059407.46		A	1.8
2	☐	1.000		4960289.13		A	2.2
3	☐	1.000		4968130.41		A	0.8
4	☐	1.000		5035667.84		A	1.8
5	☐	1.000		4918235.69		A	1.3
6	☐	1.000		4778154.89		A	1.5
7	☐	1.000		4771813.02		A	2.1
8	☐	1.000		4672414.62		A	2.1
9	☐	1.000		4585268.20		A	1.6

115 In (ISTD) [No Gas]

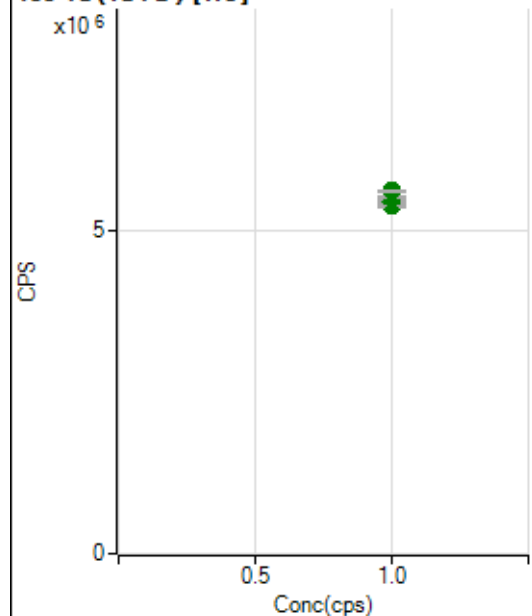
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10422455.55		A	2.3
2	☐	1.000		9793897.54		A	1.8
3	☐	1.000		9834024.11		A	1.7
4	☐	1.000		10081929.60		A	2.0
5	☐	1.000		9725632.34		A	3.0
6	☐	1.000		9908490.85		A	0.8
7	☐	1.000		9948750.87		A	3.2
8	☐	1.000		9911145.40		A	2.1
9	☐	1.000		9757901.11		A	1.1

115 In (ISTD) [He]

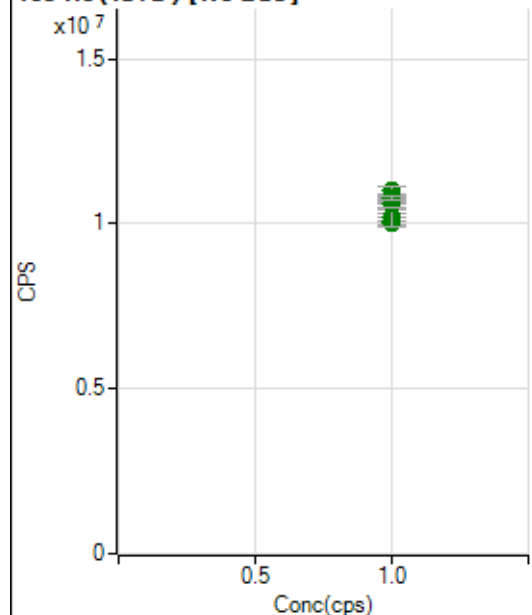
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1733746.35		A	2.5
2	☐	1.000		1697104.18		A	1.2
3	☐	1.000		1693420.34		A	1.6
4	☐	1.000		1703438.60		A	2.1
5	☐	1.000		1679400.35		A	0.8
6	☐	1.000		1623866.54		A	1.3
7	☐	1.000		1636000.12		A	1.8
8	☐	1.000		1568625.50		A	1.5
9	☐	1.000		1677360.13		A	0.9

159 Tb (ISTD) [No Gas]

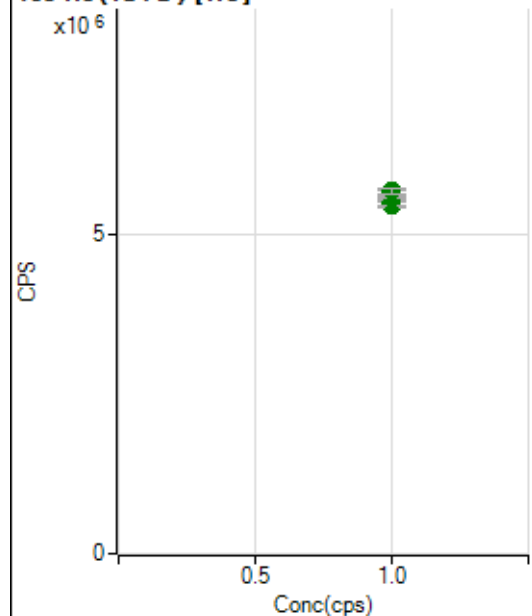
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11610871.35		A	1.9
2	☐	1.000		10572581.93		A	3.5
3	☐	1.000		10608713.80		A	1.7
4	☐	1.000		10986092.75		A	2.2
5	☐	1.000		10595495.26		A	4.6
6	☐	1.000		11096465.11		A	2.5
7	☐	1.000		11192845.25		A	1.4
8	☐	1.000		11411498.72		A	0.4
9	☐	1.000		11087459.56		A	1.1

159 Tb (ISTD) [He]

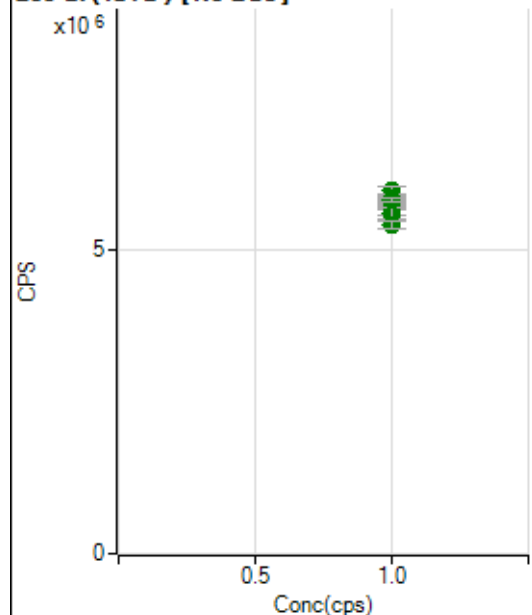
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5528469.15		A	2.4
2	☐	1.000		5386251.83		A	1.2
3	☐	1.000		5453905.37		A	0.8
4	☐	1.000		5467427.56		A	1.6
5	☐	1.000		5436198.32		A	1.2
6	☐	1.000		5435468.29		A	2.0
7	☐	1.000		5499216.62		A	0.7
8	☐	1.000		5506880.99		A	1.0
9	☐	1.000		5602175.05		A	0.7

165 Ho (ISTD) [No Gas]

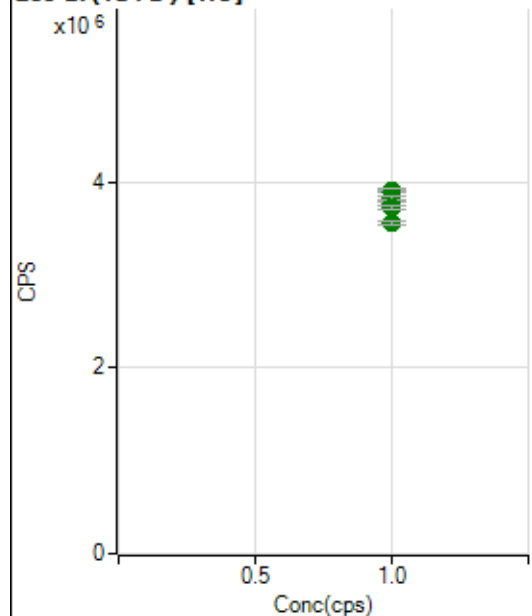
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10758347.12		A	2.5
2	☐	1.000		10013050.83		A	1.0
3	☐	1.000		10097279.83		A	4.0
4	☐	1.000		10198336.34		A	0.4
5	☐	1.000		10184462.90		A	5.2
6	☐	1.000		10579307.88		A	1.2
7	☐	1.000		10778478.89		A	0.6
8	☐	1.000		10996015.00		A	2.7
9	☐	1.000		10796614.91		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5633286.59		A	2.6
2	☐	1.000		5470366.86		A	1.7
3	☐	1.000		5439938.08		A	0.7
4	☐	1.000		5638409.22		A	1.9
5	☐	1.000		5542190.68		A	1.4
6	☐	1.000		5498800.79		A	1.6
7	☐	1.000		5673222.07		A	1.0
8	☐	1.000		5581368.95		A	0.6
9	☐	1.000		5682938.18		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5967204.08		A	2.3
2	☐	1.000		5513827.84		A	1.4
3	☐	1.000		5593882.49		A	4.1
4	☐	1.000		5751021.09		A	2.6
5	☐	1.000		5601218.18		A	3.6
6	☐	1.000		5862340.68		A	1.3
7	☐	1.000		5813609.50		A	2.2
8	☐	1.000		5824912.83		A	1.1
9	☐	1.000		5399400.55		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3903741.78		A	0.8
2	☐	1.000		3774848.94		A	1.6
3	☐	1.000		3828470.50		A	0.6
4	☐	1.000		3887617.79		A	2.4
5	☐	1.000		3796814.08		A	1.0
6	☐	1.000		3760801.26		A	1.0
7	☐	1.000		3825717.51		A	0.9
8	☐	1.000		3726897.69		A	0.8
9	☐	1.000		3559955.43		A	1.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P810192MS.b
Acq. Date-Time 2021-10-19 09:47:00
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		14773	147730.49			0.605	5.000
24		128676	1286761.55			0.929	5.000
25		17097	170970.84			0.376	5.000
26		19808	198080.19			0.745	5.000
59		35468	354682.85			0.755	5.000
113		13905	139051.11			1.136	5.000
115		44436	444357.38			0.514	5.000
206		15360	153596.73			1.700	5.000
207		12925	129245.82			1.325	5.000
208		32059	320585.68			1.487	5.000
220		1	7.70			19.803	

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

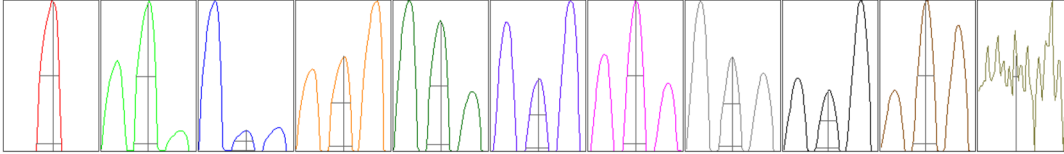
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14631	14740	14822	14824	14848
24	127974	130137	127341	129721	128207
25	17053	17048	17058	17194	17132
26	19729	19605	19825	19897	19985
59	35383	35202	35553	35314	35889
113	13909	13692	13868	13923	14135
115	44537	44445	44185	44256	44757
206	15129	15079	15393	15485	15712
207	12858	12691	12902	13033	13139
208	31706	31661	32027	32050	32849

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	26183.50	9.10	8.90 - 9.10	
24	228808.24	24.00	23.90 - 24.10	
25	31115.42	25.05	24.90 - 25.10	
26	35871.17	26.05	25.90 - 26.10	
59	66604.74	59.05	58.90 - 59.10	
113	28280.15	113.05	112.90 - 113.10	
115	91325.91	115.05	114.90 - 115.10	
206	31057.67	206.00	205.90 - 206.10	
207	25619.20	206.95	206.90 - 207.10	
208	63683.46	207.95	207.90 - 208.10	
220	0.95	219.75	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.780	0.900	
24	0.60	0.740	0.900	
25	0.59	0.738	0.900	
26	0.60	0.739	0.900	
59	0.56	0.730	0.900	
113	0.51	0.721	0.900	
115	0.51	0.715	0.900	
206	0.51	0.733	0.900	
207	0.52	0.749	0.900	
208	0.52	0.756	0.900	
220	0.17			

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	9.4 V	Deflect	15.0 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 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	0.9990	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.7 mm
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EM

Discriminator	3.8 mV	Analog HV	2264 V	Pulse HV	1551 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8161	81612.45			1.659	
89		23832	238322.19			2.082	
205		16167	161666.56			1.876	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8079	8189	8221	8335	7982
89	23492	24064	24062	24386	23157
205	15995	16251	16199	16600	15789

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.4 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 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	0.9990	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.02		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.7 mm		
EM					
Discriminator	3.8 mV	Analog HV	2264 V	Pulse HV	1551 V

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:29:28	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.05	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Boron	11-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.98	0.22	-1.21	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.02	-0.05	0.00	N/A	ppb
Calcium	43-1	0.11	-0.39	0.28	0.00	N/A	ppb
Calcium	44-1	-0.32	0.16	0.16	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	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	-0.13	-0.16	0.30	0.00	N/A	ppb
Iron	56-2	-0.16	0.12	0.05	0.00	N/A	ppb
Iron	57-2	-0.45	0.18	0.26	0.00	N/A	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:29:28	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.20	-0.26	0.47	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	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	6.14	-5.23	-7.60	-2.23		ppb
Potassium	39-2	2.21	-2.95	0.74	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.16	0.30	-0.14	0.00	N/A	ppb
Selenium	77-2	-0.16	0.32	-0.16	0.00	N/A	ppb
Selenium	78-2	-0.11	0.10	0.00	0.00	N/A	ppb
Silicon	28-1	0.52	-0.98	0.46	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.48	-0.86	0.38	0.00	N/A	ppb
Strontium	86-1	0.01	-0.03	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-347.66	-599.96	-440.46	-462.70		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	-0.01	0.02	0.00	0.00	N/A	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:29:28	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.01	-0.01	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	-0.06	0.06	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:32:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.76	2.27	2.34	2.46	10.77	ppb
Antimony	121-1	0.20	0.21	0.21	0.20	2.42	ppb
Arsenic	75-2	0.07	0.10	0.08	0.08	15.04	ppb
Barium	135-1	0.96	0.99	0.96	0.97	1.77	ppb
Barium	137-1	0.92	0.88	1.02	0.94	7.77	ppb
Beryllium	9-1	0.11	0.09	0.10	0.10	7.22	ppb
Bismuth	209-1				92		%
Bismuth	209-2				97		%
Boron	10-1	2.15	1.90	2.58	2.21	15.60	ppb
Boron	11-1	2.23	2.35	2.46	2.34	5.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.11	0.11	0.11	4.30	ppb
Cadmium	106-1	1.49	0.89	2.72	1.70	54.98	ppb
Cadmium	108-1	-0.20	0.05	0.29	0.05	521.73	ppb
Calcium	43-1	50.96	51.46	48.21	50.21	3.48	ppb
Calcium	44-1	57.32	53.60	53.08	54.67	4.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.22	0.25	0.23	8.37	ppb
Cobalt	59-2	0.08	0.09	0.09	0.09	4.90	ppb
Copper	63-2	0.15	0.15	0.16	0.15	5.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	54-2	5.62	5.58	5.28	5.49	3.39	ppb
Iron	56-2	5.46	5.18	5.09	5.25	3.69	ppb
Iron	57-2	5.76	5.24	4.85	5.28	8.71	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:32:32	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.12	0.10	20.38	ppb
Lead	207-1	0.14	0.09	0.08	0.10	32.83	ppb
Lead	208-1	0.10	0.10	0.10	0.10	3.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	51.09	48.65	48.74	49.49	2.79	ppb
Manganese	55-2	0.05	0.08	0.08	0.07	21.91	ppb
Molybdenum	94-1	0.49	0.52	0.43	0.48	9.84	ppb
Molybdenum	95-1	0.51	0.48	0.45	0.48	5.72	ppb
Molybdenum	96-1	0.45	0.42	0.51	0.46	9.84	ppb
Molybdenum	97-1	0.48	0.52	0.46	0.49	6.12	ppb
Molybdenum	98-1	0.48	0.44	0.46	0.46	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.11	0.14	0.12	13.66	ppb
Phosphorus	31-2	9.26	-1.98	-5.26	0.67	1128.69	ppb
Potassium	39-2	52.34	49.48	52.84	51.55	3.51	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	Rejected	Rejected	Rejected			ppb
Selenium	77-2	0.32	1.82	1.31	1.15	66.42	ppb
Selenium	78-2	0.01	0.48	0.49	0.32	84.88	ppb
Silicon	28-1	10.10	6.65	7.90	8.22	21.23	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.51	ppb
Silver	109-1	0.09	0.08	0.08	0.08	4.55	ppb
Sodium	23-2	58.09	52.91	57.34	56.11	4.99	ppb
Strontium	86-1	0.10	0.14	0.14	0.13	17.43	ppb
Strontium	88-1	0.10	0.11	0.10	0.10	2.84	ppb
Sulfur	34-1	421.22	161.63	181.49	254.78	56.71	ppb
Terbium	159-1				91		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.10	0.10	0.10	11.49	ppb
Thallium	205-1	0.08	0.10	0.09	0.09	8.30	ppb
Tin	118-1	0.51	0.49	0.52	0.51	3.18	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:32:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.53	0.42	0.50	0.48	11.69	ppb
Uranium	238-1	0.08	0.09	0.08	0.08	7.51	ppb
Vanadium	51-2	0.49	0.44	0.45	0.46	5.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				99		%
Zinc	66-2	Rejected	Rejected	Rejected			ppb
Zirconium	90-1	0.10	0.09	0.09	0.09	7.28	ppb
Zirconium	91-1	0.11	0.08	0.10	0.10	18.06	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:38:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.72	22.05	22.62	21.80	4.47	ppb
Antimony	121-1	1.91	1.83	1.97	1.91	3.74	ppb
Arsenic	75-2	0.96	0.88	0.96	0.94	4.72	ppb
Barium	135-1	9.45	9.34	9.81	9.53	2.59	ppb
Barium	137-1	9.67	9.77	10.01	9.81	1.79	ppb
Beryllium	9-1	0.99	1.02	0.97	0.99	2.83	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	23.17	24.43	25.25	24.28	4.31	ppb
Boron	11-1	24.15	25.68	25.91	25.25	3.81	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	1.03	1.02	1.03	0.54	ppb
Cadmium	106-1	4.24	3.84	1.53	3.20	45.76	ppb
Cadmium	108-1	1.10	0.78	1.04	0.97	17.45	ppb
Calcium	43-1	497.07	487.30	513.14	499.17	2.61	ppb
Calcium	44-1	495.11	484.39	516.97	498.82	3.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	1.87	2.04	1.98	4.96	ppb
Cobalt	59-2	1.00	0.94	0.95	0.96	3.23	ppb
Copper	63-2	1.85	1.82	1.79	1.82	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	54-2	54.87	53.10	51.71	53.23	2.98	ppb
Iron	56-2	52.27	52.77	54.00	53.02	1.68	ppb
Iron	57-2	52.46	52.15	51.05	51.89	1.44	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:38:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.94	0.89	0.91	2.54	ppb
Lead	207-1	0.90	0.83	0.95	0.90	6.93	ppb
Lead	208-1	0.92	0.90	0.94	0.92	2.28	ppb
Lithium	6-1				94		%
Magnesium	24-2	509.46	500.91	504.25	504.87	0.85	ppb
Manganese	55-2	0.94	0.92	1.00	0.96	4.48	ppb
Molybdenum	94-1	5.03	4.92	4.82	4.92	2.18	ppb
Molybdenum	95-1	4.91	4.63	5.12	4.89	5.03	ppb
Molybdenum	96-1	4.80	4.56	5.09	4.82	5.52	ppb
Molybdenum	97-1	5.12	4.87	4.99	5.00	2.51	ppb
Molybdenum	98-1	5.04	4.83	4.92	4.93	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.99	1.05	1.02	3.01	ppb
Phosphorus	31-2	8.86	-8.79	4.58	1.55	593.24	ppb
Potassium	39-2	472.37	478.64	477.20	476.07	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	5.38	5.44	5.67	5.49	2.78	ppb
Selenium	77-2	5.81	5.13	4.72	5.22	10.50	ppb
Selenium	78-2	4.27	3.12	5.27	4.22	25.43	ppb
Silicon	28-1	20.08	17.92	23.78	20.59	14.40	ppb
Silver	107-1	1.00	0.95	1.05	1.00	4.91	ppb
Silver	109-1	0.97	0.96	1.03	0.99	3.98	ppb
Sodium	23-2	509.56	507.56	519.82	512.31	1.28	ppb
Strontium	86-1	1.02	1.02	1.18	1.07	8.73	ppb
Strontium	88-1	1.06	1.05	1.09	1.06	1.85	ppb
Sulfur	34-1	196.97	-83.30	510.06	207.91	142.77	ppb
Terbium	159-1				91		%
Terbium	159-2				99		%
Thallium	203-1	0.89	0.87	0.94	0.90	4.10	ppb
Thallium	205-1	0.94	0.85	0.95	0.91	6.38	ppb
Tin	118-1	4.95	4.70	4.89	4.85	2.64	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:38:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.74	4.47	4.85	4.69	4.12	ppb
Uranium	238-1	0.90	0.89	0.92	0.90	1.86	ppb
Vanadium	51-2	4.75	4.68	4.81	4.75	1.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				99		%
Zinc	66-2	2.00	2.09	2.38	2.16	9.33	ppb
Zirconium	90-1	0.98	0.91	0.98	0.95	4.08	ppb
Zirconium	91-1	0.94	0.94	0.97	0.95	2.11	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:41:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	999.93	1004.91	989.37	998.07	0.80	ppb
Antimony	121-1	50.64	48.95	50.98	50.19	2.16	ppb
Arsenic	75-2	50.76	49.88	50.37	50.34	0.87	ppb
Barium	135-1	244.72	241.81	253.49	246.67	2.47	ppb
Barium	137-1	247.40	242.92	251.56	247.30	1.75	ppb
Beryllium	9-1	47.67	48.92	48.44	48.34	1.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	45.41	48.81	50.70	48.31	5.55	ppb
Boron	11-1	47.03	49.95	53.04	50.01	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	52.08	50.96	52.76	51.93	1.75	ppb
Cadmium	106-1	53.88	52.82	54.09	53.59	1.27	ppb
Cadmium	108-1	51.93	49.85	52.03	51.27	2.40	ppb
Calcium	43-1	5203.67	5050.61	5135.49	5129.92	1.49	ppb
Calcium	44-1	5234.82	5118.71	5099.50	5151.01	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.11	49.60	48.12	48.61	1.77	ppb
Cobalt	59-2	51.13	50.88	49.72	50.58	1.48	ppb
Copper	63-2	518.25	527.17	522.86	522.76	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	2768.20	2702.04	2755.93	2742.05	1.28	ppb
Iron	56-2	2693.15	2800.54	2698.22	2730.63	2.22	ppb
Iron	57-2	2658.65	2679.53	2622.24	2653.48	1.09	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:41:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	229.85	221.83	240.17	230.62	3.99	ppb
Lead	207-1	229.60	227.95	239.90	232.48	2.78	ppb
Lead	208-1	235.25	230.30	245.49	237.01	3.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	5340.80	5587.74	5634.78	5521.10	2.86	ppb
Manganese	55-2	499.02	511.14	493.56	501.24	1.79	ppb
Molybdenum	94-1	243.94	242.84	249.02	245.27	1.34	ppb
Molybdenum	95-1	245.91	234.89	243.80	241.53	2.42	ppb
Molybdenum	96-1	239.46	239.76	243.50	240.90	0.93	ppb
Molybdenum	97-1	241.01	241.01	249.33	243.78	1.97	ppb
Molybdenum	98-1	244.68	242.28	249.23	245.40	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.71	51.35	49.49	50.52	1.87	ppb
Phosphorus	31-2	971.95	881.14	1059.38	970.82	9.18	ppb
Potassium	39-2	2581.92	2610.68	2558.33	2583.65	1.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	50.32	49.78	51.46	50.52	1.70	ppb
Selenium	77-2	46.57	59.82	55.97	54.12	12.60	ppb
Selenium	78-2	49.17	49.77	50.68	49.87	1.53	ppb
Silicon	28-1	63.98	58.13	63.58	61.89	5.28	ppb
Silver	107-1	52.96	51.75	53.43	52.71	1.65	ppb
Silver	109-1	50.09	49.78	53.09	50.99	3.58	ppb
Sodium	23-2	5409.27	5432.07	5426.26	5422.53	0.22	ppb
Strontium	86-1	499.17	477.99	499.59	492.25	2.51	ppb
Strontium	88-1	479.47	479.24	495.62	484.78	1.94	ppb
Sulfur	34-1	1556.36	1203.94	1444.73	1401.68	12.85	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	46.11	45.29	46.80	46.07	1.64	ppb
Thallium	205-1	47.56	45.26	47.89	46.90	3.05	ppb
Tin	118-1	50.91	49.37	52.13	50.80	2.73	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:41:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	248.57	244.40	245.85	246.27	0.86	ppb
Uranium	238-1	47.12	44.48	46.47	46.02	2.99	ppb
Vanadium	51-2	49.69	48.82	48.46	48.99	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	525.93	521.99	514.16	520.70	1.15	ppb
Zirconium	90-1	49.73	48.38	49.87	49.32	1.67	ppb
Zirconium	91-1	48.87	47.21	49.60	48.56	2.52	ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 10:44:50 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2537.22	2503.70	2502.57	2514.50	0.78	ppb
Antimony	121-1	137.51	130.64	127.48	131.88	3.89	ppb
Arsenic	75-2	128.96	126.04	124.20	126.40	1.90	ppb
Barium	135-1	677.87	664.45	636.67	659.66	3.19	ppb
Barium	137-1	680.09	660.51	645.36	661.99	2.63	ppb
Beryllium	9-1	135.04	129.66	122.15	128.95	5.02	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	125.73	129.67	126.15	127.18	1.70	ppb
Boron	11-1	130.96	133.00	127.29	130.42	2.22	ppb
Bromine	81-1						cps
Cadmium	111-1	142.98	130.53	128.50	134.00	5.85	ppb
Cadmium	106-1	141.35	138.90	131.51	137.26	3.73	ppb
Cadmium	108-1	144.30	131.15	134.25	136.57	5.03	ppb
Calcium	43-1	14274.63	13392.67	13081.67	13582.99	4.56	ppb
Calcium	44-1	14136.09	13474.32	13387.35	13665.92	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.51	122.13	123.06	122.57	0.38	ppb
Cobalt	59-2	126.70	126.58	125.89	126.39	0.35	ppb
Copper	63-2	1259.07	1309.82	1276.95	1281.95	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	54-2	6902.81	6844.64	6974.70	6907.38	0.94	ppb
Iron	56-2	6842.57	6975.19	6815.08	6877.61	1.24	ppb
Iron	57-2	6625.14	6784.66	6672.90	6694.23	1.22	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:44:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	651.84	609.28	609.99	623.70	3.91	ppb
Lead	207-1	662.38	616.28	611.58	630.08	4.46	ppb
Lead	208-1	657.70	614.13	615.58	629.14	3.93	ppb
Lithium	6-1				95		%
Magnesium	24-2	13535.83	13649.01	13925.39	13703.41	1.46	ppb
Manganese	55-2	1279.33	1266.59	1275.66	1273.86	0.51	ppb
Molybdenum	94-1	712.77	652.60	619.00	661.46	7.18	ppb
Molybdenum	95-1	728.76	640.80	606.33	658.63	9.59	ppb
Molybdenum	96-1	697.62	643.27	596.74	645.88	7.82	ppb
Molybdenum	97-1	717.44	640.34	613.13	656.97	8.24	ppb
Molybdenum	98-1	715.17	625.75	606.64	649.19	8.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.78	127.18	124.53	125.16	1.43	ppb
Phosphorus	31-2	2556.70	2560.13	2503.05	2539.96	1.26	ppb
Potassium	39-2	6550.43	6428.22	6635.87	6538.18	1.60	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	144.12	133.55	124.81	134.16	7.20	ppb
Selenium	77-2	119.24	146.76	123.09	129.70	11.49	ppb
Selenium	78-2	132.58	128.74	125.25	128.86	2.84	ppb
Silicon	28-1	157.74	141.46	145.14	148.11	5.76	ppb
Silver	107-1	143.51	140.38	134.16	139.35	3.42	ppb
Silver	109-1	143.72	134.57	132.59	136.96	4.33	ppb
Sodium	23-2	13514.26	13043.24	13779.46	13445.65	2.77	ppb
Strontium	86-1	1387.85	1294.78	1258.95	1313.86	5.06	ppb
Strontium	88-1	1355.33	1280.35	1206.12	1280.60	5.83	ppb
Sulfur	34-1	4259.05	3394.84	3357.11	3670.33	13.90	ppb
Terbium	159-1				91		%
Terbium	159-2				98		%
Thallium	203-1	128.68	120.71	120.69	123.36	3.73	ppb
Thallium	205-1	130.66	120.35	124.19	125.07	4.16	ppb
Tin	118-1	140.49	132.70	129.47	134.22	4.22	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:44:50	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	703.95	633.81	614.10	650.62	7.26	ppb
Uranium	238-1	128.79	123.43	121.12	124.45	3.16	ppb
Vanadium	51-2	122.57	121.76	123.11	122.48	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				97		%
Zinc	66-2	1317.70	1303.84	1300.32	1307.28	0.70	ppb
Zirconium	90-1	142.92	131.27	123.50	132.56	7.37	ppb
Zirconium	91-1	141.82	129.12	119.61	130.18	8.56	ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 10:47:56 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5009.02	4990.11	5002.85	5000.66	0.19	ppb
Antimony	121-1	257.86	267.33	247.88	257.69	3.77	ppb
Arsenic	75-2	250.25	255.23	251.36	252.28	1.04	ppb
Barium	135-1	1272.72	1326.61	1239.86	1279.73	3.42	ppb
Barium	137-1	1247.10	1310.30	1251.94	1269.78	2.77	ppb
Beryllium	9-1	244.38	246.68	256.33	249.13	2.54	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	236.12	244.98	265.82	248.97	6.13	ppb
Boron	11-1	240.75	255.78	280.00	258.84	7.65	ppb
Bromine	81-1						cps
Cadmium	111-1	258.03	255.77	252.84	255.54	1.02	ppb
Cadmium	106-1	253.33	258.48	254.51	255.44	1.06	ppb
Cadmium	108-1	258.96	264.84	251.27	258.36	2.63	ppb
Calcium	43-1	26613.17	26157.97	27008.19	26593.11	1.60	ppb
Calcium	44-1	26184.63	25826.68	26502.72	26171.35	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	244.41	242.77	245.91	244.36	0.64	ppb
Cobalt	59-2	260.33	256.01	251.84	256.06	1.66	ppb
Copper	63-2	2589.61	2545.79	2595.71	2577.04	1.06	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				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	14261.93	14001.49	14145.51	14136.31	0.92	ppb
Iron	56-2	13852.94	13844.43	13799.52	13832.30	0.21	ppb
Iron	57-2	13360.93	13317.65	13472.49	13383.69	0.60	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:47:56	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1185.51	1194.42	1262.60	1214.17	3.47	ppb
Lead	207-1	1202.83	1199.29	1254.78	1218.97	2.55	ppb
Lead	208-1	1194.16	1222.78	1249.03	1221.99	2.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	28217.84	26734.09	27054.53	27335.49	2.86	ppb
Manganese	55-2	2552.08	2544.55	2534.02	2543.55	0.36	ppb
Molybdenum	94-1	1259.02	1252.02	1231.14	1247.39	1.16	ppb
Molybdenum	95-1	1262.37	1239.61	1213.60	1238.53	1.97	ppb
Molybdenum	96-1	1248.50	1258.78	1209.09	1238.79	2.12	ppb
Molybdenum	97-1	1281.60	1269.81	1228.75	1260.05	2.20	ppb
Molybdenum	98-1	1271.35	1249.08	1240.70	1253.71	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	249.69	247.41	249.69	248.93	0.53	ppb
Phosphorus	31-2	5224.76	4901.78	5158.15	5094.90	3.35	ppb
Potassium	39-2	12845.44	13112.20	13114.16	13023.93	1.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	255.49	257.23	250.37	254.37	1.40	ppb
Selenium	77-2	273.20	243.11	261.72	259.35	5.85	ppb
Selenium	78-2	257.60	265.61	259.42	260.88	1.61	ppb
Silicon	28-1	264.80	270.01	278.77	271.20	2.60	ppb
Silver	107-1	259.88	263.45	254.86	259.40	1.66	ppb
Silver	109-1	260.41	260.43	252.40	257.75	1.80	ppb
Sodium	23-2	27590.79	26303.63	26668.64	26854.35	2.47	ppb
Strontium	86-1	2551.69	2505.29	2435.46	2497.48	2.34	ppb
Strontium	88-1	2491.56	2543.05	2435.62	2490.08	2.16	ppb
Sulfur	34-1	6417.25	6258.84	6541.91	6406.00	2.21	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	243.00	245.52	255.19	247.91	2.60	ppb
Thallium	205-1	243.10	245.53	255.06	247.90	2.55	ppb
Tin	118-1	254.79	260.36	243.51	252.89	3.40	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:47:56	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1270.14	1248.09	1280.05	1266.09	1.29	ppb
Uranium	238-1	242.22	244.34	245.51	244.02	0.69	ppb
Vanadium	51-2	248.23	242.94	246.63	245.93	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	2564.40	2554.02	2577.48	2565.30	0.46	ppb
Zirconium	90-1	250.00	253.90	254.11	252.67	0.92	ppb
Zirconium	91-1	249.52	251.56	248.72	249.93	0.59	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:50:59	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10074.18	10014.96	9946.09	10011.74	0.64	ppb
Antimony	121-1	517.62	501.87	508.55	509.35	1.55	ppb
Arsenic	75-2	500.17	495.24	499.86	498.42	0.55	ppb
Barium	135-1	2562.04	2492.97	2490.26	2515.09	1.62	ppb
Barium	137-1	2498.50	2480.46	2494.97	2491.31	0.38	ppb
Beryllium	9-1	518.44	498.09	521.42	512.65	2.48	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	500.03	508.28	544.33	517.55	4.55	ppb
Boron	11-1	515.17	533.09	561.90	536.72	4.39	ppb
Bromine	81-1						cps
Cadmium	111-1	516.29	513.65	509.46	513.14	0.67	ppb
Cadmium	106-1	512.99	503.97	519.51	512.16	1.52	ppb
Cadmium	108-1	506.23	509.59	516.29	510.70	1.00	ppb
Calcium	43-1	54565.76	55198.79	54569.19	54777.91	0.67	ppb
Calcium	44-1	51996.33	53185.76	53056.11	52746.06	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.75	505.58	511.27	509.20	0.62	ppb
Cobalt	59-2	515.88	506.12	505.70	509.24	1.13	ppb
Copper	63-2	5011.14	5086.06	5079.84	5059.01	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	28228.77	27630.69	28138.21	27999.22	1.15	ppb
Iron	56-2	27378.23	27384.89	26939.90	27234.34	0.94	ppb
Iron	57-2	27954.77	27622.75	27494.54	27690.69	0.86	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:50:59	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2533.35	2466.55	2530.64	2510.18	1.51	ppb
Lead	207-1	2462.20	2452.49	2535.90	2483.53	1.84	ppb
Lead	208-1	2496.76	2478.84	2521.27	2498.96	0.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	54393.77	52154.92	54344.07	53630.92	2.38	ppb
Manganese	55-2	5060.84	4956.47	5070.42	5029.24	1.26	ppb
Molybdenum	94-1	2600.40	2495.76	2486.92	2527.69	2.50	ppb
Molybdenum	95-1	2563.61	2495.33	2545.02	2534.65	1.39	ppb
Molybdenum	96-1	2554.92	2507.67	2512.10	2524.90	1.03	ppb
Molybdenum	97-1	2568.50	2478.05	2559.57	2535.37	1.97	ppb
Molybdenum	98-1	2501.36	2502.96	2585.01	2529.78	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.43	493.16	493.27	495.95	0.96	ppb
Phosphorus	31-2	10159.78	10110.59	10284.88	10185.08	0.88	ppb
Potassium	39-2	25847.44	26039.02	25038.74	25641.73	2.07	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	510.51	505.23	516.34	510.69	1.09	ppb
Selenium	77-2	481.99	521.69	477.01	493.56	4.96	ppb
Selenium	78-2	499.29	493.38	499.23	497.30	0.68	ppb
Silicon	28-1	514.48	513.75	515.59	514.60	0.18	ppb
Silver	107-1	531.19	507.14	516.97	518.43	2.33	ppb
Silver	109-1	506.98	510.46	517.03	511.49	1.00	ppb
Sodium	23-2	53542.27	52216.11	53476.84	53078.41	1.41	ppb
Strontium	86-1	5163.09	5074.27	5111.20	5116.19	0.87	ppb
Strontium	88-1	5100.10	4973.26	5176.19	5083.18	2.02	ppb
Sulfur	34-1	9767.92	9908.48	9596.32	9757.57	1.60	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	507.15	508.21	503.83	506.40	0.45	ppb
Thallium	205-1	500.35	497.72	501.00	499.69	0.35	ppb
Tin	118-1	513.31	497.33	514.50	508.38	1.89	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:50:59	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2529.66	2578.29	2444.28	2517.41	2.69	ppb
Uranium	238-1	515.43	516.16	490.41	507.33	2.89	ppb
Vanadium	51-2	503.30	506.52	501.64	503.82	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	5116.13	5093.67	5077.47	5095.76	0.38	ppb
Zirconium	90-1	510.79	504.26	490.95	502.00	2.01	ppb
Zirconium	91-1	528.33	513.64	502.87	514.94	2.48	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:54:05	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21069.74	19938.76	19950.91	20319.81	3.20	ppb
Antimony	121-1	977.78	997.11	1002.71	992.53	1.32	ppb
Arsenic	75-2	1014.70	1003.00	982.38	1000.03	1.64	ppb
Barium	135-1	4875.86	4996.75	5069.96	4980.86	1.97	ppb
Barium	137-1	4888.73	5070.66	5025.34	4994.91	1.90	ppb
Beryllium	9-1	970.66	982.76	1027.02	993.48	2.99	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	950.19	975.04	1048.71	991.31	5.17	ppb
Boron	11-1	941.14	949.30	1045.80	978.75	5.95	ppb
Bromine	81-1						cps
Cadmium	111-1	981.49	992.53	998.45	990.82	0.87	ppb
Cadmium	106-1	982.84	1002.63	987.07	990.85	1.05	ppb
Cadmium	108-1	985.79	992.84	994.51	991.05	0.47	ppb
Calcium	43-1	106619.39	109416.54	106733.91	107589.95	1.47	ppb
Calcium	44-1	104036.96	106375.45	105715.19	105375.86	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027.12	989.80	974.64	997.18	2.71	ppb
Cobalt	59-2	1013.62	982.26	985.12	993.66	1.74	ppb
Copper	63-2	10145.41	9838.62	9854.27	9946.10	1.74	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				99		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	54-2	56376.28	54681.46	53350.34	54802.69	2.77	ppb
Iron	56-2	55750.82	53346.03	53509.40	54202.08	2.48	ppb
Iron	57-2	55241.51	53362.95	53612.25	54072.24	1.89	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:54:05	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4916.84	5123.54	4974.61	5005.00	2.13	ppb
Lead	207-1	5000.90	5077.36	4970.44	5016.23	1.10	ppb
Lead	208-1	4964.80	5063.73	4994.44	5007.66	1.01	ppb
Lithium	6-1				100		%
Magnesium	24-2	107734.86	105148.20	106362.96	106415.34	1.22	ppb
Manganese	55-2	10153.04	9954.82	9806.47	9971.45	1.74	ppb
Molybdenum	94-1	4937.15	4907.47	5102.83	4982.48	2.11	ppb
Molybdenum	95-1	5004.17	4899.94	5041.17	4981.76	1.47	ppb
Molybdenum	96-1	4987.01	4951.08	5026.51	4988.20	0.76	ppb
Molybdenum	97-1	4969.91	4951.18	5007.25	4976.11	0.57	ppb
Molybdenum	98-1	4954.96	4977.17	5012.04	4981.39	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1041.98	976.41	988.34	1002.24	3.48	ppb
Phosphorus	31-2	20230.50	19799.55	19610.55	19880.20	1.60	ppb
Potassium	39-2	52818.40	50578.26	50672.49	51356.38	2.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	1000.88	982.14	994.15	992.39	0.96	ppb
Selenium	77-2	995.67	1040.04	964.55	1000.09	3.79	ppb
Selenium	78-2	1008.01	1008.54	977.93	998.16	1.76	ppb
Silicon	28-1	989.26	986.65	975.50	983.80	0.74	ppb
Silver	107-1	986.66	996.50	976.36	986.51	1.02	ppb
Silver	109-1	984.82	985.13	1002.36	990.77	1.01	ppb
Sodium	23-2	107951.19	106415.34	104739.83	106368.79	1.51	ppb
Strontium	86-1	10004.95	9900.47	9899.41	9934.94	0.61	ppb
Strontium	88-1	9999.50	9953.41	9920.58	9957.83	0.40	ppb
Sulfur	34-1	19891.42	20084.43	18834.16	19603.34	3.43	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	993.26	1017.65	982.27	997.73	1.81	ppb
Thallium	205-1	985.33	1027.14	990.01	1000.83	2.29	ppb
Tin	118-1	977.56	999.27	1004.86	993.90	1.45	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:54:05	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5044.83	5055.29	4852.65	4984.26	2.29	ppb
Uranium	238-1	976.11	1022.35	995.82	998.10	2.32	ppb
Vanadium	51-2	1049.15	963.80	985.48	999.47	4.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	10055.68	9924.68	9802.44	9927.60	1.28	ppb
Zirconium	90-1	999.67	992.42	1000.18	997.42	0.44	ppb
Zirconium	91-1	979.86	990.98	1005.06	991.97	1.27	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:57:08	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99764.13	100714.49	99324.85	99934.49	0.71	ppb
Antimony	121-1	0.54	0.59	0.64	0.59	8.10	ppb
Arsenic	75-2	0.25	0.23	0.25	0.24	4.25	ppb
Barium	135-1	1.61	1.55	1.59	1.58	2.09	ppb
Barium	137-1	1.70	1.52	1.46	1.56	8.20	ppb
Beryllium	9-1	0.11	0.09	0.08	0.09	18.64	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	103.40	94.87	89.52	95.93	7.30	ppb
Boron	11-1	109.22	97.46	91.50	99.39	9.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.22	0.18	0.20	10.20	ppb
Cadmium	106-1	0.86	1.21	2.62	1.56	59.65	ppb
Cadmium	108-1	0.93	0.71	0.65	0.76	19.64	ppb
Calcium	43-1	493430.27	492738.89	507519.41	497896.19	1.68	ppb
Calcium	44-1	485606.86	503230.23	506845.91	498561.00	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.02	1.92	1.99	3.36	ppb
Cobalt	59-2	2.14	2.11	2.09	2.11	1.19	ppb
Copper	63-2	1.91	1.85	1.83	1.86	2.39	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				94		%
Indium	115-2				97		%
Iron	54-2	248807.95	248067.91	249040.74	248638.87	0.20	ppb
Iron	56-2	252598.31	248697.92	245258.37	248851.54	1.48	ppb
Iron	57-2	248540.11	253203.68	244835.19	248859.66	1.69	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:57:08	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.50	2.33	2.30	2.38	4.38	ppb
Lead	207-1	2.56	2.35	2.40	2.43	4.57	ppb
Lead	208-1	2.52	2.39	2.38	2.43	3.24	ppb
Lithium	6-1				96		%
Magnesium	24-2	499511.28	499047.64	496046.38	498201.76	0.38	ppb
Manganese	55-2	13.18	12.58	12.86	12.87	2.33	ppb
Molybdenum	94-1	1.68	1.55	1.44	1.56	7.64	ppb
Molybdenum	95-1	1.28	1.09	1.02	1.13	11.73	ppb
Molybdenum	96-1	3.15	3.10	2.97	3.07	3.04	ppb
Molybdenum	97-1	1.33	1.08	1.03	1.15	13.96	ppb
Molybdenum	98-1	1.25	1.05	0.95	1.08	14.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.48	2.34	2.41	3.04	ppb
Phosphorus	31-2	9.95	-6.01	3.04	2.33	343.88	ppb
Potassium	39-2	252864.47	249347.31	246679.30	249630.36	1.24	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	1.21	1.54	1.93	1.56	23.28	ppb
Selenium	77-2	-0.16	1.24	0.78	0.62	115.15	ppb
Selenium	78-2	-0.19	0.30	0.78	0.30	162.56	ppb
Silicon	28-1	96.80	112.73	112.94	107.49	8.61	ppb
Silver	107-1	0.21	0.20	0.17	0.19	11.81	ppb
Silver	109-1	0.21	0.17	0.18	0.19	9.98	ppb
Sodium	23-2	501975.34	496119.38	496798.70	498297.80	0.64	ppb
Strontium	86-1	6.29	5.83	5.79	5.97	4.63	ppb
Strontium	88-1	6.09	5.79	5.61	5.83	4.18	ppb
Sulfur	34-1	-934.03	-971.79	-971.70	-959.17		ppb
Terbium	159-1				95		%
Terbium	159-2				101		%
Thallium	203-1	0.16	0.13	0.11	0.14	18.16	ppb
Thallium	205-1	0.19	0.18	0.12	0.16	22.39	ppb
Tin	118-1	0.25	0.21	0.19	0.22	13.96	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:57:08	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.79	0.64	0.65	0.69	12.70	ppb
Uranium	238-1	0.13	0.10	0.07	0.10	29.26	ppb
Vanadium	51-2	0.14	0.13	0.19	0.15	22.28	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	14.57	15.08	14.48	14.71	2.19	ppb
Zirconium	90-1	0.42	0.40	0.38	0.40	5.08	ppb
Zirconium	91-1	0.46	0.42	0.39	0.42	7.80	ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : ICV53 Instrumnet Name : P8
 Client Sample ID : ICV53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:03:45 DataFile Name : 017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.06	486.72	485.60	489.13	1.06	ppb
Antimony	121-1	204.11	191.50	202.37	199.33	3.43	ppb
Arsenic	75-2	201.50	200.89	197.87	200.09	0.97	ppb
Barium	135-1	98.21	96.30	101.42	98.65	2.62	ppb
Barium	137-1	97.21	96.69	99.52	97.81	1.54	ppb
Beryllium	9-1	101.50	101.32	96.81	99.88	2.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	1.14	1.06	0.96	1.06	8.57	ppb
Boron	11-1	1.15	1.08	0.92	1.05	11.40	ppb
Bromine	81-1						cps
Cadmium	111-1	101.94	102.69	104.24	102.95	1.14	ppb
Cadmium	106-1	85.30	83.32	86.73	85.12	2.01	ppb
Cadmium	108-1	90.97	90.91	96.22	92.70	3.29	ppb
Calcium	43-1	1935.21	1929.43	1992.68	1952.44	1.79	ppb
Calcium	44-1	2084.65	1972.55	1996.28	2017.83	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.66	92.98	95.33	94.32	1.29	ppb
Cobalt	59-2	98.14	96.05	97.75	97.32	1.14	ppb
Copper	63-2	96.16	93.88	96.24	95.43	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	2106.66	2084.34	2110.22	2100.40	0.67	ppb
Iron	56-2	2055.89	2028.34	2037.77	2040.67	0.69	ppb
Iron	57-2	1985.90	1973.19	1957.56	1972.22	0.72	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:03:45	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	182.10	181.42	192.10	185.21	3.23	ppb
Lead	207-1	175.57	179.64	182.60	179.27	1.97	ppb
Lead	208-1	184.26	189.21	189.38	187.62	1.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	1190.58	1157.00	1172.03	1173.20	1.43	ppb
Manganese	55-2	94.44	94.57	93.45	94.15	0.65	ppb
Molybdenum	94-1	0.16	0.17	0.19	0.17	9.35	ppb
Molybdenum	95-1	0.12	0.08	0.15	0.12	29.52	ppb
Molybdenum	96-1	0.16	0.14	0.17	0.16	12.17	ppb
Molybdenum	97-1	0.13	0.10	0.11	0.12	15.21	ppb
Molybdenum	98-1	0.13	0.13	0.14	0.13	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.13	108.17	108.07	108.79	1.07	ppb
Phosphorus	31-2	-8.87	-10.65	-4.62	-8.04		ppb
Potassium	39-2	1950.73	1914.51	1917.75	1927.66	1.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	208.72	208.63	216.69	211.35	2.19	ppb
Selenium	77-2	215.09	211.49	207.36	211.31	1.83	ppb
Selenium	78-2	212.38	213.42	209.20	211.66	1.04	ppb
Silicon	28-1	8.55	8.87	9.99	9.14	8.26	ppb
Silver	107-1	49.68	49.41	51.63	50.24	2.41	ppb
Silver	109-1	50.56	48.31	51.96	50.28	3.66	ppb
Sodium	23-2	2068.98	2027.06	1995.33	2030.46	1.82	ppb
Strontium	86-1	4740.92	4834.76	4982.96	4852.88	2.51	ppb
Strontium	88-1	4678.74	4709.72	4853.28	4747.25	1.96	ppb
Sulfur	34-1	344.52	-5.09	101.35	146.93	121.97	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	196.32	197.43	212.38	202.04	4.44	ppb
Thallium	205-1	194.40	201.62	209.13	201.72	3.65	ppb
Tin	118-1	0.06	0.03	0.05	0.05	40.09	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:03:45	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.10	0.04	0.09	48.38	ppb
Uranium	238-1	457.35	470.64	474.94	467.64	1.96	ppb
Vanadium	51-2	94.04	92.91	92.81	93.25	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	190.94	193.69	192.16	192.27	0.72	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	10.95	ppb
Zirconium	91-1	0.08	0.09	0.10	0.09	13.69	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:10:39	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.03	19.69	20.50	20.41	3.32	ppb
Antimony	121-1	1.98	1.87	1.86	1.90	3.63	ppb
Arsenic	75-2	1.02	0.96	0.96	0.98	3.32	ppb
Barium	135-1	9.50	9.15	9.54	9.40	2.30	ppb
Barium	137-1	9.93	9.54	9.40	9.62	2.84	ppb
Beryllium	9-1	1.05	0.89	0.94	0.96	8.55	ppb
Bismuth	209-1				92		%
Bismuth	209-2				99		%
Boron	10-1	22.10	23.47	24.55	23.37	5.26	ppb
Boron	11-1	22.90	24.09	24.49	23.83	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.99	0.96	0.96	2.28	ppb
Cadmium	106-1	-0.53	0.51	0.87	0.28	255.33	ppb
Cadmium	108-1	0.99	0.65	0.82	0.82	20.41	ppb
Calcium	43-1	504.02	483.97	461.19	483.06	4.44	ppb
Calcium	44-1	509.35	476.97	463.78	483.37	4.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.92	1.87	1.89	1.28	ppb
Cobalt	59-2	0.99	0.93	0.94	0.95	3.32	ppb
Copper	63-2	1.75	1.72	1.66	1.71	2.71	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				92		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				100		%
Iron	54-2	54.35	52.76	54.01	53.71	1.56	ppb
Iron	56-2	50.52	50.87	50.71	50.70	0.34	ppb
Iron	57-2	48.84	54.50	48.84	50.72	6.44	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:10:39	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.02	0.88	0.91	0.94	7.67	ppb
Lead	207-1	0.99	0.89	0.88	0.92	6.65	ppb
Lead	208-1	1.03	0.93	0.88	0.94	8.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	497.99	488.03	489.57	491.87	1.09	ppb
Manganese	55-2	0.98	0.98	0.88	0.95	5.96	ppb
Molybdenum	94-1	5.00	4.67	4.51	4.73	5.34	ppb
Molybdenum	95-1	4.99	4.67	4.64	4.77	4.03	ppb
Molybdenum	96-1	5.10	4.67	4.40	4.73	7.44	ppb
Molybdenum	97-1	5.18	4.68	4.48	4.78	7.59	ppb
Molybdenum	98-1	5.02	4.57	4.40	4.66	6.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.95	1.00	0.99	2.80	ppb
Phosphorus	31-2	-3.57	16.54	-9.82	1.05	1315.58	ppb
Potassium	39-2	486.99	470.24	478.13	478.45	1.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	6.09	4.90	5.34	5.44	11.12	ppb
Selenium	77-2	5.13	6.56	7.51	6.40	18.73	ppb
Selenium	78-2	6.13	4.01	4.52	4.89	22.71	ppb
Silicon	28-1	24.40	19.14	17.04	20.19	18.80	ppb
Silver	107-1	1.02	1.01	0.98	1.00	1.96	ppb
Silver	109-1	0.99	0.95	0.96	0.97	2.00	ppb
Sodium	23-2	507.15	493.39	492.29	497.61	1.66	ppb
Strontium	86-1	1.20	1.07	1.12	1.13	5.97	ppb
Strontium	88-1	1.13	1.07	1.04	1.08	4.23	ppb
Sulfur	34-1	664.97	232.59	95.61	331.06	89.77	ppb
Terbium	159-1				92		%
Terbium	159-2				100		%
Thallium	203-1	1.08	0.87	0.83	0.93	14.20	ppb
Thallium	205-1	1.02	0.92	0.88	0.94	7.88	ppb
Tin	118-1	5.10	4.70	4.80	4.87	4.27	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:10:39	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.88	4.67	4.33	4.63	5.98	ppb
Uranium	238-1	0.93	0.85	0.81	0.86	7.55	ppb
Vanadium	51-2	4.72	4.58	4.66	4.65	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				101		%
Zinc	66-2	2.59	2.39	2.15	2.38	9.15	ppb
Zirconium	90-1	0.98	0.92	0.89	0.93	4.70	ppb
Zirconium	91-1	1.02	0.90	0.88	0.93	8.15	ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : ICB53 Instrumnet Name : P8
 Client Sample ID : ICB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:14:13 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.08	-0.19	-0.03		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	9.99	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	57.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	2.50	2.64	2.23	2.46	8.36	ppb
Boron	11-1	2.38	2.48	2.24	2.37	5.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-0.66	0.05	-0.57	-0.39		ppb
Cadmium	108-1	-0.31	-0.05	-0.29	-0.22		ppb
Calcium	43-1	-1.40	-0.63	-1.88	-1.30		ppb
Calcium	44-1	-3.63	-5.49	-5.36	-4.83		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.04	-0.06	-0.04	-0.05		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				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	-0.26	0.08	0.26	0.03	1012.19	ppb
Iron	56-2	-0.30	-0.30	-0.35	-0.32		ppb
Iron	57-2	-0.13	-0.87	-0.25	-0.42		ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : ICB53 Instrumnet Name : P8
 Client Sample ID : ICB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:14:13 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.03	-0.01	0.03	0.00		ppb
Lead	207-1	-0.03	-0.02	0.00	-0.02		ppb
Lead	208-1	-0.02	-0.01	0.00	-0.01		ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.81	-0.88	-0.72	-0.80		ppb
Manganese	55-2	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.03	0.01	0.02	65.20	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.01	0.00		ppb
Phosphorus	31-2	-9.14	-11.70	-4.43	-8.42		ppb
Potassium	39-2	1.57	2.33	4.40	2.77	53.04	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	0.39	0.17	-0.16	0.13	208.11	ppb
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	0.20	0.11	-0.35	-0.01		ppb
Silicon	28-1	2.22	0.87	0.71	1.26	65.63	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.73	ppb
Silver	109-1	0.00	0.00	0.00	0.00	37.78	ppb
Sodium	23-2	-3.79	-3.90	-3.36	-3.68		ppb
Strontium	86-1	0.02	0.07	0.02	0.04	77.65	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	18.46	ppb
Sulfur	34-1	222.39	-40.11	42.42	74.90	179.21	ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICB53	Instrumnet Name :	P8
Client Sample ID :	ICB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:14:13	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.00	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	66.43	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				100		%
Yttrium	89-2				106		%
Zinc	66-2	0.03	0.18	0.20	0.14	68.17	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	20.19	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:17:16	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90438.12	94154.60	95941.78	93511.50	3.00	ppb
Antimony	121-1	1.03	1.07	1.09	1.06	2.67	ppb
Arsenic	75-2	0.28	0.25	0.32	0.28	12.08	ppb
Barium	135-1	1.43	1.25	1.36	1.35	6.88	ppb
Barium	137-1	1.38	1.47	1.45	1.43	3.58	ppb
Beryllium	9-1	0.28	0.28	0.26	0.27	4.85	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	2.18	2.52	2.26	2.32	7.53	ppb
Boron	11-1	2.26	2.35	2.07	2.23	6.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.33	0.40	0.42	24.45	ppb
Cadmium	106-1	0.28	-2.65	-0.98	-1.12		ppb
Cadmium	108-1	10.17	10.78	9.33	10.09	7.21	ppb
Calcium	43-1	99289.76	101174.21	98820.10	99761.36	1.25	ppb
Calcium	44-1	99503.06	100886.47	99867.41	100085.65	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.09	18.79	18.54	18.47	1.95	ppb
Cobalt	59-2	1.01	1.08	1.11	1.07	4.88	ppb
Copper	63-2	6.72	7.01	7.10	6.94	2.88	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				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	98447.60	102249.05	104551.07	101749.24	3.03	ppb
Iron	56-2	100924.05	103836.98	102029.23	102263.42	1.44	ppb
Iron	57-2	97537.71	100908.33	101616.73	100020.92	2.18	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:17:16	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.22	4.19	4.28	4.23	1.06	ppb
Lead	207-1	3.96	3.95	4.03	3.98	1.09	ppb
Lead	208-1	4.07	4.10	4.12	4.10	0.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	93924.47	97582.90	98480.76	96662.71	2.50	ppb
Manganese	55-2	6.93	7.14	7.11	7.06	1.59	ppb
Molybdenum	94-1	1285.46	1328.92	1313.56	1309.31	1.68	ppb
Molybdenum	95-1	1838.86	1877.29	1882.44	1866.20	1.28	ppb
Molybdenum	96-1	1772.19	1745.99	1798.77	1772.32	1.49	ppb
Molybdenum	97-1	1848.13	1856.06	1895.85	1866.68	1.37	ppb
Molybdenum	98-1	1837.02	1886.79	1918.19	1880.67	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.54	5.73	5.65	5.64	1.72	ppb
Phosphorus	31-2	91437.02	94508.65	95008.46	93651.38	2.07	ppb
Potassium	39-2	92260.84	96223.79	96801.75	95095.46	2.60	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.66	0.69	1.06	0.80	27.75	ppb
Selenium	77-2	-0.16	0.32	0.83	0.33	150.47	ppb
Selenium	78-2	-0.65	-0.64	-0.64	-0.64		ppb
Silicon	28-1	26.65	26.58	24.22	25.82	5.34	ppb
Silver	107-1	0.04	0.03	0.04	0.04	27.57	ppb
Silver	109-1	0.04	0.03	0.02	0.03	36.53	ppb
Sodium	23-2	99101.74	103469.52	103448.87	102006.71	2.47	ppb
Strontium	86-1	33.82	34.44	34.19	34.15	0.91	ppb
Strontium	88-1	32.90	33.22	34.27	33.46	2.15	ppb
Sulfur	34-1	85617.77	90819.91	87231.55	87889.74	3.03	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.10	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	24.73	ppb
Tin	118-1	0.14	0.18	0.19	0.17	13.54	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:17:16	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1909.60	1932.37	1873.22	1905.07	1.57	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	15.78	ppb
Vanadium	51-2	0.12	0.13	0.12	0.12	3.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	10.58	10.18	10.19	10.32	2.24	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.60	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	18.58	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:20:09	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94902.45	95433.71	93346.29	94560.81	1.15	ppb
Antimony	121-1	20.24	20.07	20.71	20.34	1.63	ppb
Arsenic	75-2	20.38	19.84	19.16	19.79	3.10	ppb
Barium	135-1	20.94	19.58	20.82	20.44	3.69	ppb
Barium	137-1	20.52	20.04	21.12	20.56	2.64	ppb
Beryllium	9-1	19.86	19.32	19.68	19.62	1.41	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	1.71	1.80	1.88	1.80	4.83	ppb
Boron	11-1	1.87	1.91	1.93	1.90	1.59	ppb
Bromine	81-1						cps
Cadmium	111-1	18.95	18.60	20.11	19.22	4.13	ppb
Cadmium	106-1	14.74	14.35	15.65	14.91	4.48	ppb
Cadmium	108-1	26.68	26.42	28.19	27.10	3.52	ppb
Calcium	43-1	102095.36	98408.54	100777.89	100427.26	1.86	ppb
Calcium	44-1	101194.96	97416.09	100877.00	99829.35	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.60	37.58	36.71	36.96	1.45	ppb
Cobalt	59-2	20.13	20.19	19.80	20.04	1.04	ppb
Copper	63-2	24.76	26.02	25.22	25.33	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	102671.87	104179.55	100518.56	102456.66	1.80	ppb
Iron	56-2	103539.12	104242.73	101833.78	103205.21	1.20	ppb
Iron	57-2	101597.21	104335.40	99049.41	101660.67	2.60	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:20:09	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	22.97	22.32	24.16	23.15	4.02	ppb
Lead	207-1	22.39	21.61	23.59	22.53	4.43	ppb
Lead	208-1	22.63	21.75	23.73	22.70	4.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	98407.49	99873.78	96250.29	98177.19	1.86	ppb
Manganese	55-2	25.81	26.04	25.21	25.69	1.66	ppb
Molybdenum	94-1	1287.23	1253.53	1279.83	1273.53	1.39	ppb
Molybdenum	95-1	1846.21	1790.82	1840.59	1825.88	1.67	ppb
Molybdenum	96-1	1779.21	1703.40	1796.03	1759.55	2.80	ppb
Molybdenum	97-1	1827.15	1808.31	1893.93	1843.13	2.44	ppb
Molybdenum	98-1	1817.24	1794.45	1896.36	1836.02	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.79	24.02	23.23	23.68	1.72	ppb
Phosphorus	31-2	96483.22	95100.25	95202.31	95595.26	0.81	ppb
Potassium	39-2	97138.28	97937.06	97141.50	97405.61	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	19.34	18.95	19.73	19.34	2.02	ppb
Selenium	77-2	18.07	25.92	17.08	20.35	23.79	ppb
Selenium	78-2	18.19	20.70	16.77	18.55	10.74	ppb
Silicon	28-1	30.20	26.92	32.66	29.93	9.63	ppb
Silver	107-1	17.88	17.75	18.81	18.15	3.18	ppb
Silver	109-1	18.84	18.02	18.77	18.54	2.47	ppb
Sodium	23-2	101424.87	105442.04	102803.92	103223.61	1.98	ppb
Strontium	86-1	32.85	32.90	33.66	33.14	1.38	ppb
Strontium	88-1	33.03	32.41	34.43	33.29	3.11	ppb
Sulfur	34-1	90562.58	85867.48	89815.17	88748.41	2.84	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	19.40	18.79	20.71	19.63	4.99	ppb
Thallium	205-1	19.72	19.03	20.38	19.71	3.42	ppb
Tin	118-1	0.21	0.17	0.18	0.19	9.53	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:20:09	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1972.79	1852.19	1954.15	1926.38	3.37	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	15.71	ppb
Vanadium	51-2	18.90	19.16	18.53	18.86	1.67	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	27.39	27.78	28.11	27.76	1.30	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	8.79	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	21.89	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:30:50	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48208.79	47529.01	48993.98	48243.93	1.52	ppb
Antimony	121-1	487.62	481.57	458.67	475.95	3.21	ppb
Arsenic	75-2	488.65	482.50	490.28	487.14	0.84	ppb
Barium	135-1	2396.67	2444.37	2380.90	2407.31	1.37	ppb
Barium	137-1	2344.32	2428.97	2313.18	2362.16	2.54	ppb
Beryllium	9-1	497.09	513.46	486.49	499.02	2.72	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	476.63	518.53	500.69	498.62	4.22	ppb
Boron	11-1	503.04	534.79	529.83	522.56	3.27	ppb
Bromine	81-1						cps
Cadmium	111-1	511.41	509.41	506.80	509.21	0.45	ppb
Cadmium	106-1	500.55	518.04	492.32	503.64	2.61	ppb
Cadmium	108-1	515.92	525.06	500.11	513.70	2.46	ppb
Calcium	43-1	248798.97	256149.93	258689.89	254546.26	2.02	ppb
Calcium	44-1	245207.69	255650.38	256139.66	252332.58	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468.37	462.90	485.91	472.39	2.54	ppb
Cobalt	59-2	467.85	464.06	467.18	466.36	0.43	ppb
Copper	63-2	4620.25	4634.61	4616.88	4623.91	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	54-2	124981.06	123268.16	123888.98	124046.06	0.70	ppb
Iron	56-2	124815.46	123911.07	122999.81	123908.78	0.73	ppb
Iron	57-2	122537.77	121385.70	122287.83	122070.44	0.50	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:30:50	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2356.49	2384.82	2387.06	2376.12	0.72	ppb
Lead	207-1	2362.24	2447.67	2415.22	2408.37	1.79	ppb
Lead	208-1	2378.44	2434.23	2453.13	2421.94	1.60	ppb
Lithium	6-1				94		%
Magnesium	24-2	256214.45	247996.43	255368.86	253193.24	1.79	ppb
Manganese	55-2	4986.08	4920.13	4954.49	4953.57	0.67	ppb
Molybdenum	94-1	2455.88	2417.96	2390.22	2421.36	1.36	ppb
Molybdenum	95-1	2429.87	2409.25	2355.21	2398.11	1.61	ppb
Molybdenum	96-1	2439.04	2385.68	2388.08	2404.27	1.25	ppb
Molybdenum	97-1	2456.19	2445.52	2356.11	2419.28	2.27	ppb
Molybdenum	98-1	2458.29	2438.90	2347.68	2414.96	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.56	482.69	483.82	482.36	0.34	ppb
Phosphorus	31-2	9583.80	9218.87	9449.30	9417.33	1.96	ppb
Potassium	39-2	123361.24	123029.91	124000.61	123463.92	0.40	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	504.84	502.73	490.75	499.44	1.52	ppb
Selenium	77-2	474.82	464.39	463.61	467.61	1.34	ppb
Selenium	78-2	493.65	474.59	488.52	485.59	2.03	ppb
Silicon	28-1	563.23	593.28	592.85	583.12	2.95	ppb
Silver	107-1	482.65	495.25	461.35	479.75	3.57	ppb
Silver	109-1	490.56	483.49	469.23	481.09	2.26	ppb
Sodium	23-2	257273.05	254697.61	254390.56	255453.74	0.62	ppb
Strontium	86-1	4885.17	4933.89	4704.99	4841.35	2.49	ppb
Strontium	88-1	4834.17	5053.26	4758.12	4881.85	3.14	ppb
Sulfur	34-1	9243.96	9111.10	8961.70	9105.59	1.55	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	487.09	490.50	487.26	488.28	0.39	ppb
Thallium	205-1	474.05	484.22	490.63	482.97	1.73	ppb
Tin	118-1	491.85	486.22	471.76	483.28	2.14	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:30:50	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2344.12	2385.38	2337.78	2355.76	1.10	ppb
Uranium	238-1	488.26	490.81	492.51	490.53	0.44	ppb
Vanadium	51-2	474.74	481.20	486.68	480.87	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	4639.68	4715.01	4739.48	4698.06	1.11	ppb
Zirconium	90-1	491.87	491.81	497.78	493.82	0.69	ppb
Zirconium	91-1	503.98	493.73	488.04	495.25	1.63	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:38:23	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.73	-0.06	0.21	220.00	ppb
Antimony	121-1	0.03	0.05	0.08	0.06	41.67	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	78.38	ppb
Barium	135-1	-0.01	0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.02	0.00	0.01	67.03	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	12.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	11.67	11.22	11.60	11.49	2.13	ppb
Boron	11-1	12.54	11.86	12.34	12.25	2.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	-0.01	0.00		ppb
Cadmium	106-1	-0.17	-0.91	-2.28	-1.12		ppb
Cadmium	108-1	-0.04	-0.30	-0.30	-0.21		ppb
Calcium	43-1	-0.78	-0.30	0.54	-0.18		ppb
Calcium	44-1	3.14	3.84	6.40	4.46	38.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.02	0.01	0.01	35.29	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				102		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	0.69	0.70	-0.30	0.36	159.06	ppb
Iron	56-2	0.35	0.31	0.35	0.34	6.75	ppb
Iron	57-2	0.09	1.05	1.26	0.80	78.17	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:38:23	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.04	0.05	20.61	ppb
Lead	207-1	0.04	0.02	0.02	0.03	49.56	ppb
Lead	208-1	0.05	0.04	0.05	0.05	6.03	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.61	0.36	0.33	0.43	35.83	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	351.48	ppb
Molybdenum	94-1	0.06	0.04	0.05	0.05	18.29	ppb
Molybdenum	95-1	0.04	0.02	0.05	0.04	33.73	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	17.50	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.04	16.02	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	11.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-0.21	-6.86	-9.37	-5.48		ppb
Potassium	39-2	14.37	11.32	12.07	12.59	12.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.01	0.31	0.36	0.23	81.58	ppb
Selenium	77-2	-0.16	0.30	-0.16	-0.01		ppb
Selenium	78-2	-0.02	-0.41	0.03	-0.13		ppb
Silicon	28-1	-3.83	-3.42	-1.54	-2.93		ppb
Silver	107-1	0.03	0.03	0.02	0.03	14.97	ppb
Silver	109-1	0.02	0.02	0.03	0.02	6.78	ppb
Sodium	23-2	23.79	25.15	19.08	22.67	14.06	ppb
Strontium	86-1	0.02	0.00	-0.01	0.00	776.08	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	1.73	ppb
Sulfur	34-1	-581.28	-636.73	-409.73	-542.58		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.04	0.03	0.04	13.34	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	7.50	ppb
Tin	118-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:38:23	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	-0.02	0.03	0.02	158.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.15	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				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.15	0.16	0.08	0.13	32.88	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	148.11	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	29.74	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BL	Instrumnet Name :	P8
Client Sample ID :	PBW708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:43:38	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.14	0.35	0.22	56.16	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	25.67	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.02	0.01	120.36	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	32.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	7.27	7.00	6.74	7.00	3.77	ppb
Boron	11-1	7.82	7.19	7.28	7.43	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	0.02	0.01	175.92	ppb
Cadmium	106-1	-0.88	-1.64	0.67	-0.61		ppb
Cadmium	108-1	-0.20	-0.12	-0.21	-0.18		ppb
Calcium	43-1	-0.02	-0.47	1.30	0.27	341.17	ppb
Calcium	44-1	2.09	2.10	4.11	2.77	42.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.00	0.01	116.68	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.02	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	54-2	0.46	0.11	0.11	0.23	88.49	ppb
Iron	56-2	0.00	0.11	0.44	0.19	122.12	ppb
Iron	57-2	-0.12	0.58	1.42	0.63	123.43	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BL	Instrumnet Name :	P8
Client Sample ID :	PBW708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:43:38	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.03	0.02	59.38	ppb
Lead	207-1	0.03	0.03	0.02	0.03	29.03	ppb
Lead	208-1	0.01	0.03	0.02	0.02	42.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.58	-0.14	0.23	-0.16		ppb
Manganese	55-2	0.01	0.01	0.02	0.02	18.66	ppb
Molybdenum	94-1	0.02	0.02	0.03	0.02	31.07	ppb
Molybdenum	95-1	0.02	0.00	0.03	0.02	78.93	ppb
Molybdenum	96-1	0.02	0.00	0.01	0.01	92.03	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.01	51.50	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	14.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.01	0.01	78.84	ppb
Phosphorus	31-2	1.34	0.42	3.21	1.66	85.78	ppb
Potassium	39-2	8.19	10.54	10.60	9.77	14.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	0.60	0.67	0.82	0.69	16.19	ppb
Selenium	77-2	-0.16	0.30	0.29	0.15	182.12	ppb
Selenium	78-2	0.02	0.08	0.10	0.07	63.90	ppb
Silicon	28-1	1.19	1.52	2.50	1.73	39.23	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	16.59	19.69	18.93	18.40	8.77	ppb
Strontium	86-1	-0.02	-0.04	0.01	-0.01		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	10.63	ppb
Sulfur	34-1	-303.57	-329.32	-121.04	-251.31		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.02	0.01	54.37	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	19.43	ppb
Tin	118-1	0.01	1.38	0.02	0.47	167.22	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BL	Instrumnet Name :	P8
Client Sample ID :	PBW708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:43:38	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.03	0.02	0.01	98.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	184.62	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				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.18	0.25	0.35	0.26	31.71	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	223.06	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	71.86	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BS	Instrumnet Name :	P8
Client Sample ID :	LCS708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:46:39	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.83	37.42	38.54	38.60	3.13	ppb
Antimony	121-1	3.85	3.75	3.91	3.84	2.10	ppb
Arsenic	75-2	1.94	1.95	1.88	1.92	1.92	ppb
Barium	135-1	18.96	19.16	19.11	19.08	0.56	ppb
Barium	137-1	19.20	19.78	19.69	19.56	1.59	ppb
Beryllium	9-1	1.92	1.82	1.85	1.86	2.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	45.62	47.60	51.72	48.31	6.45	ppb
Boron	11-1	47.22	48.66	52.76	49.55	5.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.38	0.42	0.40	4.00	ppb
Cadmium	106-1	0.47	1.10	0.00	0.53	105.00	ppb
Cadmium	108-1	0.44	0.21	0.47	0.37	37.91	ppb
Calcium	43-1	972.87	963.94	977.95	971.59	0.73	ppb
Calcium	44-1	954.71	941.91	963.20	953.27	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.68	3.68	3.68	3.68	0.01	ppb
Cobalt	59-2	1.86	1.84	1.87	1.86	0.66	ppb
Copper	63-2	3.42	3.37	3.51	3.43	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				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	300.56	303.08	299.37	301.00	0.63	ppb
Iron	56-2	294.19	306.65	306.09	302.31	2.33	ppb
Iron	57-2	298.15	298.09	296.35	297.53	0.34	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BS	Instrumnet Name :	P8
Client Sample ID :	LCS708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:46:39	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.78	1.70	1.82	1.77	3.36	ppb
Lead	207-1	1.72	1.72	1.80	1.75	2.84	ppb
Lead	208-1	1.79	1.74	1.80	1.78	1.87	ppb
Lithium	6-1				102		%
Magnesium	24-2	970.42	942.77	960.28	957.82	1.46	ppb
Manganese	55-2	1.84	1.86	1.83	1.84	0.74	ppb
Molybdenum	94-1	9.58	9.26	9.57	9.47	1.88	ppb
Molybdenum	95-1	9.26	9.04	9.34	9.21	1.72	ppb
Molybdenum	96-1	9.24	9.21	9.38	9.28	1.02	ppb
Molybdenum	97-1	9.27	9.40	9.49	9.38	1.19	ppb
Molybdenum	98-1	9.55	9.12	9.25	9.31	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.99	1.89	1.92	3.42	ppb
Phosphorus	31-2	-8.29	-6.66	-6.14	-7.03		ppb
Potassium	39-2	929.80	952.23	957.01	946.35	1.53	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	10.41	10.38	10.26	10.35	0.77	ppb
Selenium	77-2	7.51	14.55	8.46	10.17	37.58	ppb
Selenium	78-2	9.95	10.36	10.15	10.15	2.00	ppb
Silicon	28-1	22.14	20.77	22.00	21.64	3.49	ppb
Silver	107-1	1.90	1.91	1.94	1.92	1.17	ppb
Silver	109-1	1.89	1.96	1.86	1.90	2.55	ppb
Sodium	23-2	986.76	988.09	996.26	990.37	0.52	ppb
Strontium	86-1	2.00	2.09	2.10	2.06	2.77	ppb
Strontium	88-1	2.08	2.02	2.08	2.06	1.75	ppb
Sulfur	34-1	-668.18	-729.69	-289.64	-562.50		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	1.85	1.74	1.87	1.82	3.83	ppb
Thallium	205-1	1.83	1.80	1.90	1.84	2.60	ppb
Tin	118-1	9.12	9.59	9.50	9.40	2.65	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BS	Instrumnet Name :	P8
Client Sample ID :	LCS708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:46:39	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.88	9.17	8.94	9.00	1.65	ppb
Uranium	238-1	1.68	1.69	1.77	1.71	2.90	ppb
Vanadium	51-2	9.02	9.10	9.22	9.11	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	7.65	7.77	8.18	7.87	3.53	ppb
Zirconium	90-1	1.85	1.77	1.80	1.81	2.28	ppb
Zirconium	91-1	1.86	1.76	1.91	1.84	4.17	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BL	Instrumnet Name :	P8
Client Sample ID :	PBW709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:49:42	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.15	0.33	0.15	122.48	ppb
Antimony	121-1	0.03	0.04	0.02	0.03	38.97	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.07	0.13	0.01	0.07	82.51	ppb
Barium	137-1	0.13	0.11	0.01	0.08	73.86	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	50.17	ppb
Bismuth	209-1				96		%
Bismuth	209-2				110		%
Boron	10-1	11.35	10.33	10.07	10.58	6.38	ppb
Boron	11-1	11.02	10.48	10.05	10.52	4.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.04	-0.01	0.03	135.74	ppb
Cadmium	106-1	3.49	0.83	-0.87	1.15	190.63	ppb
Cadmium	108-1	-0.18	-0.06	-0.23	-0.16		ppb
Calcium	43-1	14.20	11.79	1.26	9.08	75.77	ppb
Calcium	44-1	19.47	14.94	3.19	12.53	67.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.04	0.01	184.14	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.02	-0.01	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				110		%
Indium	115-1				99		%
Indium	115-2				112		%
Iron	54-2	-0.72	-0.16	-0.31	-0.40		ppb
Iron	56-2	-0.24	-0.04	0.04	-0.08		ppb
Iron	57-2	-0.18	0.13	0.56	0.17	221.95	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BL	Instrumnet Name :	P8
Client Sample ID :	PBW709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:49:42	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.09	0.00	0.08	88.54	ppb
Lead	207-1	0.15	0.08	0.02	0.08	82.79	ppb
Lead	208-1	0.14	0.09	0.01	0.08	81.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.75	-0.17	-0.18	-0.37		ppb
Manganese	55-2	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.20	0.14	0.05	0.13	60.44	ppb
Molybdenum	95-1	0.17	0.14	0.01	0.11	81.07	ppb
Molybdenum	96-1	0.16	0.15	0.02	0.11	72.77	ppb
Molybdenum	97-1	0.20	0.15	0.03	0.12	71.20	ppb
Molybdenum	98-1	0.18	0.16	0.01	0.12	79.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-11.91	-7.77	-8.78	-9.49		ppb
Potassium	39-2	-7.52	0.91	14.32	2.57	428.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				113		%
Scandium	45-1				97		%
Scandium	45-2				113		%
Selenium	82-1	0.84	0.13	0.83	0.60	67.39	ppb
Selenium	77-2	0.23	-0.16	-0.16	-0.03		ppb
Selenium	78-2	-0.63	0.11	0.35	-0.05		ppb
Silicon	28-1	4.66	5.68	5.23	5.19	9.89	ppb
Silver	107-1	0.01	0.02	0.01	0.01	46.86	ppb
Silver	109-1	0.01	0.01	0.01	0.01	61.49	ppb
Sodium	23-2	3.75	10.23	14.63	9.54	57.39	ppb
Strontium	86-1	0.40	0.35	0.04	0.26	73.39	ppb
Strontium	88-1	0.39	0.27	0.02	0.23	84.42	ppb
Sulfur	34-1	213.45	87.42	29.52	110.13	85.39	ppb
Terbium	159-1				95		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.03	0.01	0.03	58.99	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	21.54	ppb
Tin	118-1	0.09	0.06	0.05	0.07	29.79	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BL	Instrumnet Name :	P8
Client Sample ID :	PBW709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:49:42	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.09	0.01	0.09	89.78	ppb
Uranium	238-1	0.03	0.02	0.00	0.02	85.85	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				101		%
Yttrium	89-2				113		%
Zinc	66-2	0.10	0.17	0.20	0.15	32.24	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	125.26	ppb
Zirconium	91-1	0.04	0.04	0.03	0.03	19.93	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BS	Instrumnet Name :	P8
Client Sample ID :	LCS709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:52:43	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.20	43.67	41.19	41.69	4.28	ppb
Antimony	121-1	3.96	3.90	3.94	3.93	0.74	ppb
Arsenic	75-2	1.84	1.94	1.92	1.90	2.85	ppb
Barium	135-1	19.62	18.96	20.10	19.56	2.94	ppb
Barium	137-1	20.32	19.64	19.85	19.94	1.75	ppb
Beryllium	9-1	2.10	1.98	1.97	2.02	3.62	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	47.51	48.84	52.59	49.65	5.31	ppb
Boron	11-1	49.77	50.86	55.17	51.93	5.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.43	0.43	0.44	3.27	ppb
Cadmium	106-1	2.37	2.37	-0.72	1.34	132.78	ppb
Cadmium	108-1	0.27	0.57	0.49	0.45	35.77	ppb
Calcium	43-1	1014.08	1012.25	1043.07	1023.14	1.69	ppb
Calcium	44-1	1008.26	1016.99	1052.59	1025.95	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.84	3.93	3.93	3.90	1.31	ppb
Cobalt	59-2	1.90	2.01	1.95	1.96	2.80	ppb
Copper	63-2	3.50	3.54	3.47	3.50	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	303.81	310.77	305.76	306.78	1.17	ppb
Iron	56-2	306.42	307.67	312.15	308.74	0.98	ppb
Iron	57-2	304.56	308.61	305.21	306.13	0.71	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BS	Instrumnet Name :	P8
Client Sample ID :	LCS709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:52:43	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.88	1.89	1.75	1.84	4.31	ppb
Lead	207-1	1.83	1.89	1.81	1.84	2.19	ppb
Lead	208-1	1.87	1.88	1.85	1.87	0.79	ppb
Lithium	6-1				98		%
Magnesium	24-2	1026.32	1041.40	1038.52	1035.41	0.77	ppb
Manganese	55-2	2.02	1.98	2.09	2.03	2.71	ppb
Molybdenum	94-1	9.99	9.74	9.94	9.89	1.33	ppb
Molybdenum	95-1	9.81	9.59	9.79	9.73	1.23	ppb
Molybdenum	96-1	9.53	9.70	9.86	9.70	1.75	ppb
Molybdenum	97-1	9.97	9.36	9.83	9.72	3.33	ppb
Molybdenum	98-1	9.85	9.50	9.96	9.77	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	1.94	2.30	2.09	9.07	ppb
Phosphorus	31-2	-5.42	4.11	-13.70	-5.00		ppb
Potassium	39-2	1000.28	1009.88	1032.27	1014.14	1.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	11.08	11.07	11.08	11.07	0.06	ppb
Selenium	77-2	8.87	9.82	12.48	10.39	18.03	ppb
Selenium	78-2	10.16	11.20	11.14	10.83	5.37	ppb
Silicon	28-1	21.03	20.46	23.54	21.68	7.56	ppb
Silver	107-1	2.00	2.00	1.98	1.99	0.71	ppb
Silver	109-1	1.98	1.95	1.96	1.96	0.69	ppb
Sodium	23-2	1044.53	1060.73	1054.21	1053.16	0.77	ppb
Strontium	86-1	2.20	2.14	2.20	2.18	1.56	ppb
Strontium	88-1	2.24	2.17	2.26	2.22	1.95	ppb
Sulfur	34-1	-450.33	-437.02	-227.84	-371.73		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	1.90	1.87	1.80	1.86	2.69	ppb
Thallium	205-1	1.86	1.94	1.82	1.87	3.16	ppb
Tin	118-1	10.21	9.80	9.72	9.91	2.65	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BS	Instrumnet Name :	P8
Client Sample ID :	LCS709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:52:43	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.58	9.73	9.78	9.70	1.06	ppb
Uranium	238-1	1.73	1.76	1.76	1.75	0.92	ppb
Vanadium	51-2	9.70	9.53	9.69	9.64	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	8.39	8.77	8.75	8.64	2.45	ppb
Zirconium	90-1	1.88	1.89	1.88	1.89	0.25	ppb
Zirconium	91-1	1.80	1.88	1.89	1.85	2.71	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BL	Instrumnet Name :	P8
Client Sample ID :	PBW863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:05:49	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.00	-0.01	-0.03		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	26.96	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00		ppb
Barium	135-1	0.02	0.00	-0.02	0.00	2541.23	ppb
Barium	137-1	0.04	0.02	0.00	0.02	106.91	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	136.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	3.82	3.29	3.21	3.44	9.50	ppb
Boron	11-1	3.69	3.48	3.59	3.59	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	-1.23	-0.70	-2.17	-1.36		ppb
Cadmium	108-1	-0.17	-0.25	-0.29	-0.24		ppb
Calcium	43-1	2.48	-0.22	-1.36	0.30	654.27	ppb
Calcium	44-1	1.98	-0.14	0.56	0.80	134.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.05	-0.04	-0.04	-0.05		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				101		%
Indium	115-2				105		%
Iron	54-2	-0.01	-0.62	-1.05	-0.56		ppb
Iron	56-2	-0.16	-0.21	-0.28	-0.22		ppb
Iron	57-2	-0.01	0.21	0.28	0.16	93.89	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BL	Instrumnet Name :	P8
Client Sample ID :	PBW863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:05:49	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	-0.03	0.03	0.01	301.58	ppb
Lead	207-1	0.06	0.00	0.02	0.03	101.36	ppb
Lead	208-1	0.05	0.00	0.03	0.02	112.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.45	-0.27	-0.68	-0.47		ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.08	0.02	0.02	0.04	85.33	ppb
Molybdenum	95-1	0.06	0.00	0.00	0.02	153.18	ppb
Molybdenum	96-1	0.07	0.01	0.00	0.02	144.48	ppb
Molybdenum	97-1	0.04	0.00	0.00	0.01	182.67	ppb
Molybdenum	98-1	0.05	0.01	0.00	0.02	123.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00		ppb
Phosphorus	31-2	0.94	-4.85	-12.29	-5.40		ppb
Potassium	39-2	9.86	11.42	9.73	10.34	9.10	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	0.66	0.49	0.49	0.55	18.01	ppb
Selenium	77-2	0.75	-0.16	-0.16	0.14	366.92	ppb
Selenium	78-2	0.37	-0.32	-0.02	0.01	3790.02	ppb
Silicon	28-1	-1.17	-0.71	0.77	-0.37		ppb
Silver	107-1	0.00	0.00	0.01	0.00	183.26	ppb
Silver	109-1	0.00	0.00	0.00	0.00	352.26	ppb
Sodium	23-2	-0.59	-0.04	-2.25	-0.96		ppb
Strontium	86-1	0.11	-0.05	0.01	0.03	316.87	ppb
Strontium	88-1	0.12	0.02	0.01	0.05	122.01	ppb
Sulfur	34-1	2.67	85.83	296.93	128.48	118.07	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.00	147.02	ppb
Tin	118-1	0.01	0.01	-0.01	0.00	310.24	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BL	Instrumnet Name :	P8
Client Sample ID :	PBW863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:05:49	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.02	0.00	0.04	132.24	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	166.12	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				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.10	0.17	0.11	0.13	28.45	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1144.47	ppb
Zirconium	91-1	0.02	0.00	0.00	0.00	240.17	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BS	Instrumnet Name :	P8
Client Sample ID :	LCS863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:08:50	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.23	39.83	38.85	39.64	1.79	ppb
Antimony	121-1	3.88	3.83	3.82	3.84	0.90	ppb
Arsenic	75-2	2.10	2.06	1.75	1.97	9.60	ppb
Barium	135-1	19.83	19.78	19.13	19.58	1.99	ppb
Barium	137-1	19.62	19.46	19.83	19.64	0.95	ppb
Beryllium	9-1	1.94	2.04	1.93	1.97	2.90	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	44.03	44.96	48.92	45.97	5.64	ppb
Boron	11-1	43.38	49.05	48.19	46.87	6.52	ppb
Bromine	81-1						cps
Cadmium	111-1	2.02	2.07	1.97	2.02	2.46	ppb
Cadmium	106-1	2.62	2.90	2.92	2.81	5.91	ppb
Cadmium	108-1	1.59	1.58	2.07	1.75	15.90	ppb
Calcium	43-1	938.28	1009.63	968.54	972.15	3.68	ppb
Calcium	44-1	929.46	1010.33	972.62	970.80	4.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.61	3.64	3.67	2.14	ppb
Cobalt	59-2	1.92	1.90	1.88	1.90	0.98	ppb
Copper	63-2	3.40	3.38	3.38	3.39	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	300.13	297.36	291.97	296.49	1.40	ppb
Iron	56-2	300.74	300.09	295.28	298.70	1.00	ppb
Iron	57-2	305.80	288.25	301.76	298.60	3.08	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BS	Instrumnet Name :	P8
Client Sample ID :	LCS863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:08:50	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.80	1.75	1.76	1.77	1.51	ppb
Lead	207-1	1.78	1.83	1.90	1.84	3.17	ppb
Lead	208-1	1.79	1.84	1.81	1.81	1.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	974.94	988.33	974.30	979.19	0.81	ppb
Manganese	55-2	1.96	1.89	1.87	1.91	2.56	ppb
Molybdenum	94-1	9.28	9.53	9.85	9.55	2.95	ppb
Molybdenum	95-1	9.55	9.61	9.62	9.59	0.36	ppb
Molybdenum	96-1	9.29	9.46	9.32	9.36	0.96	ppb
Molybdenum	97-1	9.25	9.69	9.41	9.45	2.33	ppb
Molybdenum	98-1	9.13	9.49	9.55	9.39	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.87	1.96	1.92	2.56	ppb
Phosphorus	31-2	-14.07	3.25	-5.75	-5.52		ppb
Potassium	39-2	962.91	965.85	951.01	959.92	0.82	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	10.64	10.18	10.50	10.44	2.27	ppb
Selenium	77-2	13.83	10.25	10.15	11.41	18.39	ppb
Selenium	78-2	7.98	10.64	10.39	9.67	15.19	ppb
Silicon	28-1	18.64	26.29	22.95	22.62	16.96	ppb
Silver	107-1	1.90	2.01	1.97	1.96	2.81	ppb
Silver	109-1	1.92	1.93	2.03	1.96	2.99	ppb
Sodium	23-2	994.18	987.99	991.98	991.38	0.32	ppb
Strontium	86-1	3.46	3.55	3.50	3.50	1.32	ppb
Strontium	88-1	3.60	3.73	3.68	3.67	1.84	ppb
Sulfur	34-1	-455.00	135.32	-17.82	-112.50		ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	1.74	1.86	1.80	1.80	3.39	ppb
Thallium	205-1	1.78	1.82	1.84	1.82	1.79	ppb
Tin	118-1	9.69	9.94	9.84	9.82	1.27	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BS	Instrumnet Name :	P8
Client Sample ID :	LCS863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:08:50	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.03	9.63	9.21	9.29	3.30	ppb
Uranium	238-1	1.72	1.70	1.68	1.70	1.30	ppb
Vanadium	51-2	9.35	9.26	9.35	9.32	0.59	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	7.91	8.63	7.68	8.07	6.12	ppb
Zirconium	90-1	1.84	1.87	1.86	1.86	0.91	ppb
Zirconium	91-1	1.79	1.96	1.83	1.86	4.59	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BL	Instrumnet Name :	P8
Client Sample ID :	PBW864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:11:54	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.35	0.61	0.34	79.50	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	58.64	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.03	0.02	88.83	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	175.31	ppb
Bismuth	209-1				95		%
Bismuth	209-2				102		%
Boron	10-1	7.30	6.02	6.29	6.54	10.36	ppb
Boron	11-1	7.18	6.58	6.38	6.71	6.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.01	0.00	175.93	ppb
Cadmium	106-1	0.30	1.27	1.39	0.99	60.31	ppb
Cadmium	108-1	-0.17	-0.23	-0.20	-0.20		ppb
Calcium	43-1	0.81	-0.52	0.96	0.42	195.85	ppb
Calcium	44-1	6.45	5.52	3.85	5.27	25.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.02	0.02	69.76	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.03	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	54-2	0.56	-0.19	0.56	0.31	141.05	ppb
Iron	56-2	0.35	0.31	0.41	0.36	14.37	ppb
Iron	57-2	0.27	0.85	0.10	0.41	96.41	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BL	Instrumnet Name :	P8
Client Sample ID :	PBW864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:11:54	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.02	0.01	108.98	ppb
Lead	207-1	0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.28	0.16	-0.41	-0.18		ppb
Manganese	55-2	0.01	0.00	0.01	0.01	53.61	ppb
Molybdenum	94-1	0.02	0.03	0.04	0.03	46.15	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	59.22	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	31.65	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.02	0.01	128.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.02	0.01	167.13	ppb
Phosphorus	31-2	-6.49	1.05	9.36	1.31	607.01	ppb
Potassium	39-2	9.09	6.33	6.37	7.26	21.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	82-1	0.18	0.21	0.55	0.31	67.15	ppb
Selenium	77-2	-0.16	0.28	-0.16	-0.01		ppb
Selenium	78-2	-0.25	0.11	-0.40	-0.18		ppb
Silicon	28-1	4.68	4.18	3.45	4.11	14.99	ppb
Silver	107-1	0.01	0.00	0.00	0.00	159.38	ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	7.19	8.09	5.44	6.91	19.50	ppb
Strontium	86-1	0.04	0.01	0.03	0.03	62.95	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	51.30	ppb
Sulfur	34-1	168.51	228.44	143.08	180.01	24.35	ppb
Terbium	159-1				95		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.05	0.03	0.05	0.04	32.32	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BL	Instrumnet Name :	P8
Client Sample ID :	PBW864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:11:54	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.00	-0.02	0.00	2382.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	177.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	203.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	0.14	0.42	0.27	0.28	50.07	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	131.92	ppb
Zirconium	91-1	0.01	0.02	-0.01	0.01	158.74	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BS	Instrumnet Name :	P8
Client Sample ID :	LCS864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:14:55	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.50	40.45	42.89	41.95	3.13	ppb
Antimony	121-1	3.98	4.02	4.02	4.01	0.58	ppb
Arsenic	75-2	2.06	1.93	1.92	1.97	4.00	ppb
Barium	135-1	19.43	19.37	19.09	19.30	0.94	ppb
Barium	137-1	20.62	19.86	19.72	20.07	2.42	ppb
Beryllium	9-1	2.04	1.99	1.89	1.97	3.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	45.24	47.96	49.28	47.49	4.34	ppb
Boron	11-1	48.00	50.42	52.15	50.19	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	1.96	2.10	1.96	2.01	3.89	ppb
Cadmium	106-1	5.48	3.47	3.35	4.10	29.18	ppb
Cadmium	108-1	2.16	1.79	1.90	1.95	9.72	ppb
Calcium	43-1	993.71	1007.47	943.16	981.45	3.45	ppb
Calcium	44-1	997.80	1022.35	944.85	988.33	4.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.85	3.77	3.80	1.28	ppb
Cobalt	59-2	1.92	1.96	1.94	1.94	1.23	ppb
Copper	63-2	3.58	3.44	3.55	3.52	2.18	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				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	54-2	310.24	306.06	309.92	308.74	0.75	ppb
Iron	56-2	302.37	306.56	306.07	305.00	0.75	ppb
Iron	57-2	282.16	305.45	305.31	297.64	4.50	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BS	Instrumnet Name :	P8
Client Sample ID :	LCS864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:14:55	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.78	1.84	1.82	1.81	1.53	ppb
Lead	207-1	1.83	1.98	1.85	1.89	4.34	ppb
Lead	208-1	1.83	1.92	1.82	1.86	3.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	1008.91	1011.32	1006.84	1009.02	0.22	ppb
Manganese	55-2	1.99	1.90	2.00	1.96	2.70	ppb
Molybdenum	94-1	9.25	9.66	9.45	9.46	2.17	ppb
Molybdenum	95-1	9.16	9.72	9.16	9.35	3.48	ppb
Molybdenum	96-1	9.39	9.90	9.33	9.54	3.28	ppb
Molybdenum	97-1	9.63	9.76	9.40	9.60	1.91	ppb
Molybdenum	98-1	9.27	9.59	9.30	9.39	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	2.02	1.99	2.02	1.18	ppb
Phosphorus	31-2	-4.56	-17.34	-4.70	-8.86		ppb
Potassium	39-2	986.24	978.96	985.71	983.64	0.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	10.17	10.56	11.05	10.59	4.15	ppb
Selenium	77-2	12.44	11.75	9.26	11.15	15.01	ppb
Selenium	78-2	10.93	9.86	10.93	10.57	5.83	ppb
Silicon	28-1	22.64	23.81	18.04	21.50	14.18	ppb
Silver	107-1	2.02	1.99	1.96	1.99	1.53	ppb
Silver	109-1	2.04	2.02	2.02	2.02	0.46	ppb
Sodium	23-2	1012.56	1025.41	1019.02	1019.00	0.63	ppb
Strontium	86-1	3.59	3.63	3.69	3.64	1.42	ppb
Strontium	88-1	3.66	3.78	3.67	3.70	1.80	ppb
Sulfur	34-1	-255.68	-66.19	-383.52	-235.13		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	1.79	1.96	1.82	1.86	4.92	ppb
Thallium	205-1	1.82	1.99	1.79	1.87	5.72	ppb
Tin	118-1	10.13	9.92	9.83	9.96	1.54	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BS	Instrumnet Name :	P8
Client Sample ID :	LCS864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:14:55	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.71	9.46	9.26	9.48	2.39	ppb
Uranium	238-1	1.72	1.82	1.68	1.74	4.28	ppb
Vanadium	51-2	9.64	9.48	9.35	9.49	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	8.43	8.38	8.51	8.44	0.74	ppb
Zirconium	90-1	1.85	1.91	1.88	1.88	1.52	ppb
Zirconium	91-1	1.75	1.82	1.89	1.82	4.06	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:17:59	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.95	20.69	19.75	20.13	2.47	ppb
Antimony	121-1	1.89	1.78	1.92	1.86	3.77	ppb
Arsenic	75-2	1.03	1.05	0.95	1.01	4.84	ppb
Barium	135-1	9.22	9.37	9.65	9.41	2.33	ppb
Barium	137-1	9.58	9.43	9.64	9.55	1.13	ppb
Beryllium	9-1	0.96	0.94	0.98	0.96	2.03	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	26.86	27.06	30.02	27.98	6.33	ppb
Boron	11-1	28.60	29.16	31.37	29.71	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	1.15	1.13	1.10	6.72	ppb
Cadmium	106-1	1.09	2.62	1.91	1.87	40.74	ppb
Cadmium	108-1	0.71	0.84	0.80	0.78	8.19	ppb
Calcium	43-1	473.66	474.45	482.13	476.75	0.98	ppb
Calcium	44-1	472.48	473.48	482.03	475.99	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.87	1.78	1.86	3.60	ppb
Cobalt	59-2	0.94	0.94	0.93	0.94	0.77	ppb
Copper	63-2	1.69	1.80	1.77	1.75	3.27	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				103		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	51.32	52.24	56.54	53.37	5.22	ppb
Iron	56-2	52.27	52.33	52.19	52.26	0.13	ppb
Iron	57-2	51.81	55.82	52.44	53.36	4.04	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:17:59	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.87	0.86	0.87	0.98	ppb
Lead	207-1	0.88	0.87	0.89	0.88	0.94	ppb
Lead	208-1	0.87	0.86	0.92	0.89	3.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	487.85	508.48	487.74	494.69	2.41	ppb
Manganese	55-2	1.00	1.00	0.97	0.99	1.92	ppb
Molybdenum	94-1	4.69	4.71	4.62	4.67	0.97	ppb
Molybdenum	95-1	4.65	4.68	4.63	4.65	0.51	ppb
Molybdenum	96-1	4.59	4.56	4.58	4.58	0.34	ppb
Molybdenum	97-1	4.86	4.71	4.55	4.71	3.36	ppb
Molybdenum	98-1	4.53	4.67	4.70	4.63	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.95	1.02	1.00	4.21	ppb
Phosphorus	31-2	-14.15	-2.56	-15.84	-10.85		ppb
Potassium	39-2	485.14	480.05	479.38	481.52	0.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	5.64	5.58	5.62	5.61	0.57	ppb
Selenium	77-2	5.21	4.88	5.16	5.08	3.53	ppb
Selenium	78-2	4.31	5.07	3.61	4.33	16.78	ppb
Silicon	28-1	9.78	9.97	11.48	10.41	8.95	ppb
Silver	107-1	0.97	0.93	1.06	0.99	6.61	ppb
Silver	109-1	0.96	0.91	0.95	0.94	3.07	ppb
Sodium	23-2	495.75	497.65	498.01	497.14	0.24	ppb
Strontium	86-1	1.01	1.01	0.94	0.99	4.27	ppb
Strontium	88-1	1.04	1.03	1.01	1.03	1.66	ppb
Sulfur	34-1	-410.42	-323.82	-84.33	-272.86		ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.83	0.89	0.89	0.87	3.71	ppb
Thallium	205-1	0.85	0.93	0.93	0.90	4.92	ppb
Tin	118-1	4.68	4.74	4.99	4.80	3.38	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:17:59	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.79	4.68	4.80	4.76	1.44	ppb
Uranium	238-1	0.83	0.80	0.85	0.83	3.21	ppb
Vanadium	51-2	4.58	4.60	4.64	4.61	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	2.29	2.56	2.62	2.49	7.22	ppb
Zirconium	90-1	0.90	0.90	0.90	0.90	0.47	ppb
Zirconium	91-1	0.92	0.93	0.92	0.93	0.72	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:21:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49726.89	49456.07	49117.85	49433.60	0.62	ppb
Antimony	121-1	461.25	469.97	475.78	469.00	1.56	ppb
Arsenic	75-2	488.67	492.47	502.80	494.65	1.48	ppb
Barium	135-1	2314.54	2389.60	2343.68	2349.28	1.61	ppb
Barium	137-1	2297.71	2354.04	2340.08	2330.61	1.26	ppb
Beryllium	9-1	490.24	490.54	487.50	489.42	0.34	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	459.90	481.49	490.74	477.38	3.32	ppb
Boron	11-1	484.86	497.74	516.15	499.58	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	510.88	509.36	512.18	510.80	0.28	ppb
Cadmium	106-1	508.94	502.71	519.03	510.23	1.62	ppb
Cadmium	108-1	510.47	505.84	511.60	509.31	0.60	ppb
Calcium	43-1	249518.55	243590.27	249068.92	247392.58	1.33	ppb
Calcium	44-1	250117.17	241481.28	261589.90	251062.78	4.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.01	473.38	501.57	484.32	3.12	ppb
Cobalt	59-2	461.93	469.02	466.33	465.76	0.77	ppb
Copper	63-2	4709.31	4703.10	4815.21	4742.54	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	124268.73	123488.81	127786.64	125181.40	1.83	ppb
Iron	56-2	125809.62	124630.74	121957.38	124132.58	1.59	ppb
Iron	57-2	123985.82	124300.72	123694.79	123993.77	0.24	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:21:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2378.13	2375.13	2393.97	2382.41	0.42	ppb
Lead	207-1	2367.60	2374.09	2362.71	2368.13	0.24	ppb
Lead	208-1	2365.88	2382.08	2372.37	2373.44	0.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	258232.92	251005.42	252411.59	253883.31	1.51	ppb
Manganese	55-2	5060.03	5001.48	5006.56	5022.69	0.65	ppb
Molybdenum	94-1	2425.12	2416.61	2414.00	2418.58	0.24	ppb
Molybdenum	95-1	2406.99	2371.96	2364.99	2381.32	0.95	ppb
Molybdenum	96-1	2378.92	2384.98	2377.13	2380.34	0.17	ppb
Molybdenum	97-1	2385.72	2419.67	2362.52	2389.30	1.20	ppb
Molybdenum	98-1	2432.06	2378.47	2368.23	2392.92	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.11	491.68	490.06	488.61	0.82	ppb
Phosphorus	31-2	9453.64	9728.66	9609.39	9597.23	1.44	ppb
Potassium	39-2	124448.29	125852.53	126484.52	125595.11	0.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	495.81	494.70	490.13	493.55	0.61	ppb
Selenium	77-2	483.44	513.54	483.89	493.62	3.49	ppb
Selenium	78-2	494.33	496.86	509.07	500.09	1.58	ppb
Silicon	28-1	553.59	575.63	593.65	574.29	3.49	ppb
Silver	107-1	480.04	475.72	487.84	481.20	1.28	ppb
Silver	109-1	489.47	467.32	473.11	476.63	2.41	ppb
Sodium	23-2	254166.06	258921.63	254103.21	255730.30	1.08	ppb
Strontium	86-1	4877.20	4820.05	4630.09	4775.78	2.71	ppb
Strontium	88-1	4888.25	4805.76	4658.17	4784.06	2.44	ppb
Sulfur	34-1	9993.85	9666.11	9362.17	9674.04	3.27	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	495.47	484.49	492.14	490.70	1.15	ppb
Thallium	205-1	477.26	479.90	478.99	478.72	0.28	ppb
Tin	118-1	471.05	479.09	482.00	477.38	1.19	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:21:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2355.01	2348.44	2339.84	2347.77	0.32	ppb
Uranium	238-1	481.78	488.49	494.79	488.35	1.33	ppb
Vanadium	51-2	472.43	480.05	485.24	479.24	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	4747.30	4735.45	4812.17	4764.97	0.87	ppb
Zirconium	90-1	483.95	486.76	486.66	485.79	0.33	ppb
Zirconium	91-1	480.99	498.37	497.60	492.32	1.99	ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:32:41 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.07	-0.18	-0.03		ppb
Antimony	121-1	0.02	0.03	0.04	0.03	24.96	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	287.61	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	228.96	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	34.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	7.05	5.68	5.64	6.12	13.13	ppb
Boron	11-1	7.33	6.34	5.74	6.47	12.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	-0.02	-0.01		ppb
Cadmium	106-1	-1.44	-0.95	-1.58	-1.32		ppb
Cadmium	108-1	-0.27	-0.32	-0.22	-0.27		ppb
Calcium	43-1	-2.14	-1.66	-0.71	-1.50		ppb
Calcium	44-1	1.67	2.55	2.11	2.11	20.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	-0.01	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.02	-0.05	-0.03		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				99		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	-0.50	-0.21	0.81	0.03	2005.43	ppb
Iron	56-2	-0.11	-0.16	0.22	-0.02		ppb
Iron	57-2	0.11	0.69	0.12	0.31	108.21	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:41	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.04	0.03	45.13	ppb
Lead	207-1	0.05	0.02	0.04	0.03	39.05	ppb
Lead	208-1	0.05	0.02	0.05	0.04	35.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.48	-0.22	-0.03	-0.24		ppb
Manganese	55-2	0.01	0.00	0.00	0.00	266.68	ppb
Molybdenum	94-1	0.01	0.03	0.05	0.03	68.10	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.02	45.53	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	19.75	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.01	98.70	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	32.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.01	-0.02		ppb
Phosphorus	31-2	-8.93	-3.51	-8.03	-6.82		ppb
Potassium	39-2	10.94	5.98	11.17	9.36	31.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.55	0.14	0.75	0.48	65.37	ppb
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	0.15	0.12	-0.92	-0.22		ppb
Silicon	28-1	-3.13	-2.52	-2.26	-2.64		ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.22	ppb
Silver	109-1	0.00	0.00	0.00	0.00	92.86	ppb
Sodium	23-2	7.54	7.68	4.69	6.64	25.41	ppb
Strontium	86-1	0.03	-0.01	0.00	0.01	333.63	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	32.95	ppb
Sulfur	34-1	-353.55	-175.26	-174.44	-234.41		ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.03	0.02	44.16	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	22.46	ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:41	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.05	0.00	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	76.88	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	0.11	0.05	0.23	0.13	72.70	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	8.50	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-01	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:35:41	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2302.60	2238.33	2248.29	2263.07	1.53	ppb
Antimony	121-1	0.46	0.48	0.49	0.48	3.26	ppb
Arsenic	75-2	34.37	33.71	34.35	34.14	1.10	ppb
Barium	135-1	189.27	193.17	195.35	192.60	1.60	ppb
Barium	137-1	192.41	195.36	197.78	195.18	1.38	ppb
Beryllium	9-1	0.25	0.25	0.28	0.26	6.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	106.86	116.28	117.80	113.65	5.22	ppb
Boron	11-1	114.95	121.61	127.90	121.49	5.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.10	0.13	0.10	25.56	ppb
Cadmium	106-1	1.76	2.86	2.88	2.50	25.76	ppb
Cadmium	108-1	0.12	0.12	0.10	0.11	13.91	ppb
Calcium	43-1	24963.55	23380.12	24907.13	24416.93	3.68	ppb
Calcium	44-1	24909.88	24044.39	25568.89	24841.05	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.26	9.14	9.29	9.23	0.88	ppb
Cobalt	59-2	9.56	9.47	9.54	9.52	0.46	ppb
Copper	63-2	18.11	17.93	18.09	18.04	0.55	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				101		%
Indium	115-2				101		%
Iron	54-2	140752.47	142044.79	143351.71	142049.66	0.91	ppb
Iron	56-2	141998.90	141005.07	140555.38	141186.45	0.52	ppb
Iron	57-2	140347.44	140220.81	140232.41	140266.89	0.05	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-01	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:35:41	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.55	7.47	7.36	7.46	1.27	ppb
Lead	207-1	6.91	7.22	7.13	7.09	2.23	ppb
Lead	208-1	7.33	7.37	7.16	7.29	1.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	11042.60	10968.33	10771.16	10927.36	1.28	ppb
Manganese	55-2	2976.11	2951.06	2999.95	2975.71	0.82	ppb
Molybdenum	94-1	4.27	4.02	4.01	4.10	3.52	ppb
Molybdenum	95-1	3.25	3.14	3.25	3.21	1.96	ppb
Molybdenum	96-1	4.55	4.43	4.55	4.51	1.49	ppb
Molybdenum	97-1	3.20	3.28	3.06	3.18	3.57	ppb
Molybdenum	98-1	3.14	3.15	3.24	3.18	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.23	16.21	15.95	16.13	0.97	ppb
Phosphorus	31-2	1048.31	856.66	922.08	942.35	10.34	ppb
Potassium	39-2	2965.39	3020.16	2932.60	2972.72	1.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.85	1.60	2.30	1.92	18.51	ppb
Selenium	77-2	9.05	12.27	11.22	10.84	15.15	ppb
Selenium	78-2	2.60	2.72	3.43	2.92	15.45	ppb
Silicon	28-1	11559.74	10939.21	11737.21	11412.05	3.67	ppb
Silver	107-1	0.21	0.18	0.21	0.20	9.95	ppb
Silver	109-1	0.18	0.21	0.22	0.21	11.33	ppb
Sodium	23-2	33280.59	32949.17	31827.23	32685.66	2.33	ppb
Strontium	86-1	123.22	122.61	122.53	122.79	0.31	ppb
Strontium	88-1	123.62	122.04	120.62	122.09	1.23	ppb
Sulfur	34-1	43684.32	42185.36	44678.30	43515.99	2.88	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.06	0.05	0.05	9.54	ppb
Thallium	205-1	0.05	0.07	0.07	0.06	14.26	ppb
Tin	118-1	1.03	1.06	1.05	1.04	1.49	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-01	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:35:41	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	73.44	68.71	66.73	69.63	4.95	ppb
Uranium	238-1	0.42	0.45	0.45	0.44	3.68	ppb
Vanadium	51-2	11.32	11.23	11.43	11.33	0.89	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	81.18	80.17	79.78	80.37	0.90	ppb
Zirconium	90-1	1.26	1.31	1.19	1.25	4.76	ppb
Zirconium	91-1	1.17	1.19	1.33	1.23	7.48	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-02	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2129.26	2131.78	2150.41	2137.15	0.54	ppb
Antimony	121-1	0.39	0.43	0.44	0.42	6.22	ppb
Arsenic	75-2	31.69	32.49	31.47	31.89	1.68	ppb
Barium	135-1	176.13	177.89	189.29	181.10	3.94	ppb
Barium	137-1	182.14	179.69	184.79	182.21	1.40	ppb
Beryllium	9-1	0.23	0.24	0.24	0.24	2.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	101.96	113.31	121.22	112.16	8.63	ppb
Boron	11-1	109.64	117.01	128.99	118.55	8.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.06	0.08	0.07	15.74	ppb
Cadmium	106-1	0.70	0.55	1.37	0.87	50.00	ppb
Cadmium	108-1	0.27	0.00	0.17	0.15	95.08	ppb
Calcium	43-1	23602.20	23402.50	23140.96	23381.89	0.99	ppb
Calcium	44-1	23671.48	23765.91	23475.69	23637.69	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.82	8.63	8.65	8.70	1.21	ppb
Cobalt	59-2	8.83	8.79	9.07	8.90	1.71	ppb
Copper	63-2	16.91	16.89	16.98	16.93	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	131736.58	129378.31	132237.37	131117.42	1.16	ppb
Iron	56-2	129191.14	128783.77	129745.63	129240.18	0.37	ppb
Iron	57-2	132992.48	131004.73	132820.23	132272.48	0.83	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-02	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.85	6.71	6.93	6.83	1.63	ppb
Lead	207-1	6.80	6.30	6.76	6.62	4.16	ppb
Lead	208-1	6.75	6.63	6.94	6.77	2.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	10206.25	10191.21	10497.21	10298.22	1.67	ppb
Manganese	55-2	2785.34	2739.36	2748.72	2757.81	0.88	ppb
Molybdenum	94-1	3.82	3.84	3.96	3.87	1.94	ppb
Molybdenum	95-1	2.93	2.94	3.12	3.00	3.54	ppb
Molybdenum	96-1	4.13	4.03	4.19	4.12	1.95	ppb
Molybdenum	97-1	3.10	2.90	2.91	2.97	3.83	ppb
Molybdenum	98-1	3.01	2.81	2.99	2.94	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.36	14.80	15.15	15.10	1.88	ppb
Phosphorus	31-2	915.02	867.14	861.76	881.31	3.33	ppb
Potassium	39-2	2792.89	2759.37	2751.08	2767.78	0.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	2.04	2.13	2.05	2.07	2.37	ppb
Selenium	77-2	9.46	15.36	12.25	12.36	23.86	ppb
Selenium	78-2	2.16	2.81	2.14	2.37	16.12	ppb
Silicon	28-1	10997.79	11113.31	11019.91	11043.67	0.56	ppb
Silver	107-1	0.16	0.17	0.20	0.18	10.30	ppb
Silver	109-1	0.17	0.16	0.20	0.18	12.27	ppb
Sodium	23-2	30818.25	31058.35	31339.98	31072.19	0.84	ppb
Strontium	86-1	114.71	111.91	117.78	114.80	2.55	ppb
Strontium	88-1	114.61	112.97	114.21	113.93	0.75	ppb
Sulfur	34-1	42596.89	41867.26	43334.31	42599.49	1.72	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.05	0.03	50.91	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	7.68	ppb
Tin	118-1	1.03	0.98	1.01	1.01	2.29	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-02	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	64.88	64.49	64.35	64.58	0.43	ppb
Uranium	238-1	0.42	0.39	0.40	0.40	3.25	ppb
Vanadium	51-2	10.46	10.69	10.34	10.50	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	75.49	76.08	76.69	76.09	0.79	ppb
Zirconium	90-1	1.43	1.03	0.99	1.15	21.04	ppb
Zirconium	91-1	1.14	1.07	1.08	1.09	3.49	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:42:53	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	379.16	378.63	389.83	382.54	1.65	ppb
Antimony	121-1	0.32	0.31	0.31	0.31	2.93	ppb
Arsenic	75-2	0.99	1.03	1.09	1.04	4.89	ppb
Barium	135-1	54.34	55.06	55.34	54.92	0.94	ppb
Barium	137-1	54.24	54.25	56.75	55.08	2.63	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	32.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	86.96	96.75	102.56	95.42	8.26	ppb
Boron	11-1	93.24	99.43	111.31	101.33	9.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.04	0.03	0.03	18.67	ppb
Cadmium	106-1	-0.21	1.66	0.17	0.54	183.47	ppb
Cadmium	108-1	-0.12	-0.10	-0.23	-0.15		ppb
Calcium	43-1	30376.01	28940.01	29647.90	29654.64	2.42	ppb
Calcium	44-1	29519.22	29287.99	28729.94	29179.05	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.21	5.14	5.01	5.12	1.97	ppb
Cobalt	59-2	0.43	0.43	0.41	0.42	2.97	ppb
Copper	63-2	6.44	6.34	6.22	6.33	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				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	1058.52	1053.00	1060.56	1057.36	0.37	ppb
Iron	56-2	1083.62	1080.06	1079.96	1081.21	0.19	ppb
Iron	57-2	1083.79	1028.64	1054.77	1055.73	2.61	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:42:53	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.84	1.81	1.81	1.82	0.98	ppb
Lead	207-1	1.81	1.72	1.78	1.77	2.51	ppb
Lead	208-1	1.84	1.77	1.80	1.81	1.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	10500.04	10812.73	10566.49	10626.42	1.55	ppb
Manganese	55-2	103.08	105.36	102.73	103.72	1.38	ppb
Molybdenum	94-1	1.60	1.54	1.71	1.62	5.40	ppb
Molybdenum	95-1	1.80	1.88	1.87	1.85	2.36	ppb
Molybdenum	96-1	1.76	1.86	1.80	1.81	2.67	ppb
Molybdenum	97-1	1.85	1.92	1.83	1.87	2.60	ppb
Molybdenum	98-1	1.77	1.84	1.81	1.81	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.27	2.33	2.33	2.62	ppb
Phosphorus	31-2	522.24	432.64	483.01	479.29	9.37	ppb
Potassium	39-2	3688.02	3659.78	3651.64	3666.48	0.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.95	0.26	0.65	0.62	55.59	ppb
Selenium	77-2	-0.16	-0.16	0.76	0.15	363.93	ppb
Selenium	78-2	-0.34	-0.13	0.11	-0.12		ppb
Silicon	28-1	4380.81	4118.24	4252.17	4250.41	3.09	ppb
Silver	107-1	0.02	0.03	0.04	0.03	23.65	ppb
Silver	109-1	0.02	0.03	0.02	0.02	25.05	ppb
Sodium	23-2	38401.82	38001.46	37835.93	38079.73	0.76	ppb
Strontium	86-1	157.64	159.56	162.88	160.03	1.65	ppb
Strontium	88-1	159.56	159.34	159.35	159.41	0.08	ppb
Sulfur	34-1	9587.93	8802.83	9025.98	9138.91	4.43	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	508.80	ppb
Tin	118-1	0.44	0.41	0.46	0.44	6.73	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:42:53	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.22	12.21	12.81	12.75	3.99	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	0.97	ppb
Vanadium	51-2	1.68	1.72	1.62	1.67	3.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	53.49	53.04	53.85	53.46	0.76	ppb
Zirconium	90-1	0.17	0.17	0.18	0.18	4.29	ppb
Zirconium	91-1	0.18	0.19	0.20	0.19	6.47	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:46:15	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	356.09	361.35	347.01	354.82	2.05	ppb
Antimony	121-1	0.32	0.28	0.29	0.30	6.35	ppb
Arsenic	75-2	0.98	0.87	1.03	0.96	8.44	ppb
Barium	135-1	51.68	49.06	51.89	50.88	3.10	ppb
Barium	137-1	51.90	50.70	53.34	51.98	2.54	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	14.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	85.38	89.61	91.85	88.95	3.70	ppb
Boron	11-1	88.98	98.18	97.88	95.02	5.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	0.02	0.02	61.59	ppb
Cadmium	106-1	-0.38	-0.11	-0.10	-0.20		ppb
Cadmium	108-1	-0.08	-0.30	-0.18	-0.19		ppb
Calcium	43-1	27707.16	27330.45	27075.17	27370.93	1.16	ppb
Calcium	44-1	27661.81	27027.65	27540.45	27409.97	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.71	4.84	4.89	4.81	1.93	ppb
Cobalt	59-2	0.41	0.40	0.40	0.40	1.98	ppb
Copper	63-2	6.08	5.88	5.93	5.96	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	997.46	1007.16	1005.50	1003.37	0.52	ppb
Iron	56-2	1033.55	1025.86	1019.15	1026.19	0.70	ppb
Iron	57-2	1002.99	1015.69	991.81	1003.50	1.19	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:46:15	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.69	1.66	1.70	1.68	1.08	ppb
Lead	207-1	1.63	1.66	1.76	1.69	4.05	ppb
Lead	208-1	1.66	1.65	1.72	1.67	2.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	10068.27	10048.75	9885.57	10000.86	1.00	ppb
Manganese	55-2	98.05	96.56	96.48	97.03	0.91	ppb
Molybdenum	94-1	1.56	1.44	1.58	1.53	4.89	ppb
Molybdenum	95-1	1.74	1.74	1.87	1.78	4.13	ppb
Molybdenum	96-1	1.65	1.53	1.86	1.68	9.73	ppb
Molybdenum	97-1	1.78	1.66	1.91	1.79	7.05	ppb
Molybdenum	98-1	1.80	1.69	1.73	1.74	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.20	2.32	2.27	2.85	ppb
Phosphorus	31-2	548.52	461.54	481.83	497.30	9.15	ppb
Potassium	39-2	3458.05	3475.46	3490.56	3474.69	0.47	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.95	0.63	1.15	0.91	28.69	ppb
Selenium	77-2	1.19	0.30	0.29	0.59	86.52	ppb
Selenium	78-2	-0.36	-0.02	-0.13	-0.17		ppb
Silicon	28-1	3964.46	3889.36	4022.07	3958.63	1.68	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.38	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.07	ppb
Sodium	23-2	35913.21	36014.86	35705.09	35877.72	0.44	ppb
Strontium	86-1	149.05	146.11	157.52	150.89	3.92	ppb
Strontium	88-1	149.28	145.36	155.00	149.88	3.23	ppb
Sulfur	34-1	8367.70	7897.46	8172.13	8145.76	2.90	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.38	0.32	0.40	0.37	11.17	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:46:15	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.28	12.01	11.78	12.02	2.07	ppb
Uranium	238-1	0.19	0.19	0.21	0.20	6.26	ppb
Vanadium	51-2	1.67	1.56	1.61	1.61	3.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	49.58	50.50	49.79	49.96	0.96	ppb
Zirconium	90-1	0.17	0.31	0.14	0.21	42.74	ppb
Zirconium	91-1	0.20	0.17	0.16	0.18	11.81	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:49:09	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	170.52	169.92	160.08	166.84	3.51	ppb
Antimony	121-1	0.12	0.10	0.11	0.11	8.58	ppb
Arsenic	75-2	0.57	0.60	0.59	0.59	2.98	ppb
Barium	135-1	47.35	46.42	48.57	47.45	2.28	ppb
Barium	137-1	49.36	48.04	50.79	49.40	2.79	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	23.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	53.94	55.03	60.28	56.42	6.01	ppb
Boron	11-1	55.65	58.40	64.64	59.56	7.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.04	0.02	100.60	ppb
Cadmium	106-1	0.58	0.69	2.01	1.09	72.71	ppb
Cadmium	108-1	-0.14	-0.24	-0.22	-0.20		ppb
Calcium	43-1	27783.04	27833.37	27588.26	27734.89	0.47	ppb
Calcium	44-1	27264.70	27467.34	27232.36	27321.46	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.36	0.37	0.37	3.31	ppb
Cobalt	59-2	0.20	0.18	0.18	0.19	4.81	ppb
Copper	63-2	1.34	1.39	1.35	1.36	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	302.57	302.73	290.59	298.63	2.33	ppb
Iron	56-2	314.72	290.30	288.40	297.81	4.93	ppb
Iron	57-2	309.72	302.74	301.87	304.78	1.41	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:49:09	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.32	0.32	0.31	0.32	2.51	ppb
Lead	207-1	0.28	0.33	0.33	0.31	9.70	ppb
Lead	208-1	0.33	0.33	0.33	0.33	0.87	ppb
Lithium	6-1				103		%
Magnesium	24-2	10853.32	10903.89	10474.95	10744.05	2.18	ppb
Manganese	55-2	36.05	36.42	35.81	36.09	0.85	ppb
Molybdenum	94-1	0.66	0.73	0.82	0.73	10.74	ppb
Molybdenum	95-1	0.78	0.74	0.73	0.75	3.47	ppb
Molybdenum	96-1	0.74	0.73	0.70	0.72	2.94	ppb
Molybdenum	97-1	0.80	0.80	0.70	0.77	7.88	ppb
Molybdenum	98-1	0.85	0.81	0.75	0.80	6.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.58	0.52	0.54	6.62	ppb
Phosphorus	31-2	53.88	45.59	43.30	47.59	11.70	ppb
Potassium	39-2	2533.67	2547.19	2442.41	2507.75	2.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.82	0.77	0.44	0.68	30.32	ppb
Selenium	77-2	0.75	-0.16	0.30	0.29	154.25	ppb
Selenium	78-2	-0.17	-0.56	0.21	-0.17		ppb
Silicon	28-1	3834.54	4026.19	3780.23	3880.32	3.33	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	28287.93	29043.82	28026.74	28452.83	1.86	ppb
Strontium	86-1	153.36	151.15	149.70	151.40	1.22	ppb
Strontium	88-1	154.14	150.67	151.82	152.21	1.16	ppb
Sulfur	34-1	5859.45	6148.92	5844.37	5950.91	2.88	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.08	0.06	0.06	17.32	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:49:09	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.40	12.04	5.15	7.86	46.70	ppb
Uranium	238-1	0.24	0.23	0.23	0.23	1.86	ppb
Vanadium	51-2	1.05	0.98	0.99	1.01	4.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	16.83	16.09	16.43	16.45	2.25	ppb
Zirconium	90-1	0.05	0.07	0.07	0.06	18.62	ppb
Zirconium	91-1	0.10	0.08	0.08	0.09	10.63	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:55:07	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	165.25	154.09	162.67	160.67	3.64	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	1.79	ppb
Arsenic	75-2	0.69	0.62	0.53	0.61	13.62	ppb
Barium	135-1	45.36	46.83	46.83	46.34	1.84	ppb
Barium	137-1	46.35	46.40	47.30	46.68	1.14	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	38.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	44.91	45.35	48.00	46.09	3.63	ppb
Boron	11-1	46.07	47.95	52.37	48.79	6.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.00	-0.01	0.00	559.41	ppb
Cadmium	106-1	0.10	-0.46	-1.36	-0.57		ppb
Cadmium	108-1	-0.28	-0.20	-0.12	-0.20		ppb
Calcium	43-1	26932.97	27516.67	26810.13	27086.59	1.39	ppb
Calcium	44-1	26244.43	26770.81	26183.42	26399.56	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.36	0.37	0.36	0.74	ppb
Cobalt	59-2	0.16	0.16	0.19	0.17	8.82	ppb
Copper	63-2	1.30	1.32	1.33	1.32	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				107		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	54-2	292.37	277.19	299.12	289.56	3.88	ppb
Iron	56-2	290.12	280.48	287.18	285.93	1.73	ppb
Iron	57-2	300.00	300.03	290.45	296.83	1.86	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:55:07	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.37	0.35	0.37	7.55	ppb
Lead	207-1	0.39	0.31	0.35	0.35	11.00	ppb
Lead	208-1	0.39	0.33	0.34	0.35	8.68	ppb
Lithium	6-1				107		%
Magnesium	24-2	10107.86	10065.39	10207.22	10126.82	0.72	ppb
Manganese	55-2	34.62	34.38	34.96	34.66	0.84	ppb
Molybdenum	94-1	0.68	0.70	1.16	0.85	31.58	ppb
Molybdenum	95-1	0.81	0.73	0.73	0.76	6.29	ppb
Molybdenum	96-1	0.75	0.74	0.75	0.74	0.88	ppb
Molybdenum	97-1	0.78	0.79	0.78	0.79	0.64	ppb
Molybdenum	98-1	0.82	0.74	0.78	0.78	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.49	0.53	0.52	4.60	ppb
Phosphorus	31-2	54.36	47.83	51.58	51.26	6.40	ppb
Potassium	39-2	2464.47	2401.68	2387.66	2417.94	1.69	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.42	0.50	0.42	0.45	9.92	ppb
Selenium	77-2	0.28	-0.16	1.17	0.43	156.95	ppb
Selenium	78-2	-0.27	-0.27	-0.20	-0.24		ppb
Silicon	28-1	3898.32	3917.79	3721.06	3845.72	2.82	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	27837.81	26986.31	27679.76	27501.30	1.65	ppb
Strontium	86-1	149.79	144.98	146.35	147.04	1.69	ppb
Strontium	88-1	151.01	147.63	142.73	147.12	2.83	ppb
Sulfur	34-1	5231.10	5332.49	6180.67	5581.42	9.34	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	7451.39	ppb
Tin	118-1	0.05	0.05	0.05	0.05	6.07	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:55:07	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.93	5.16	7.33	5.80	22.83	ppb
Uranium	238-1	0.24	0.23	0.21	0.23	5.62	ppb
Vanadium	51-2	0.99	0.94	0.95	0.96	2.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	16.54	16.58	16.59	16.57	0.17	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	14.62	ppb
Zirconium	91-1	0.07	0.09	0.09	0.09	11.60	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:58:05	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.51	160.58	160.08	161.39	1.15	ppb
Antimony	121-1	0.10	0.11	0.11	0.10	7.26	ppb
Arsenic	75-2	0.64	0.56	0.67	0.62	8.98	ppb
Barium	135-1	45.51	44.89	46.82	45.74	2.15	ppb
Barium	137-1	46.76	46.64	45.84	46.41	1.07	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	45.87	47.45	50.20	47.84	4.59	ppb
Boron	11-1	48.23	51.45	53.66	51.12	5.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.00	0.02	0.01	68.50	ppb
Cadmium	106-1	0.17	-0.29	1.61	0.50	200.82	ppb
Cadmium	108-1	-0.26	-0.22	-0.18	-0.22		ppb
Calcium	43-1	26677.94	27151.42	26815.44	26881.60	0.91	ppb
Calcium	44-1	26637.71	26480.01	26299.37	26472.36	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.37	0.39	0.37	4.58	ppb
Cobalt	59-2	0.19	0.16	0.19	0.18	8.78	ppb
Copper	63-2	1.40	1.41	1.40	1.40	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	290.28	288.93	298.61	292.61	1.79	ppb
Iron	56-2	299.27	291.11	286.59	292.32	2.20	ppb
Iron	57-2	302.56	299.78	308.64	303.66	1.49	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:58:05	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.32	0.33	0.32	5.02	ppb
Lead	207-1	0.31	0.30	0.30	0.30	1.88	ppb
Lead	208-1	0.32	0.33	0.33	0.32	2.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	10064.66	10004.44	10172.32	10080.47	0.84	ppb
Manganese	55-2	34.54	34.66	34.74	34.65	0.29	ppb
Molybdenum	94-1	0.58	0.68	0.56	0.61	10.15	ppb
Molybdenum	95-1	0.78	0.84	0.82	0.81	3.25	ppb
Molybdenum	96-1	0.73	0.73	0.70	0.72	2.25	ppb
Molybdenum	97-1	0.75	0.74	0.76	0.75	1.23	ppb
Molybdenum	98-1	0.75	0.78	0.78	0.77	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.55	0.53	0.54	1.69	ppb
Phosphorus	31-2	63.01	45.72	73.61	60.78	23.16	ppb
Potassium	39-2	2403.16	2393.56	2450.17	2415.63	1.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.07	0.68	0.56	0.77	34.19	ppb
Selenium	77-2	-0.16	0.29	0.76	0.30	154.84	ppb
Selenium	78-2	0.56	-0.87	0.39	0.03	2985.51	ppb
Silicon	28-1	3812.52	3889.06	3751.91	3817.83	1.80	ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	27056.16	27139.51	26973.11	27056.26	0.31	ppb
Strontium	86-1	142.87	155.14	148.07	148.69	4.14	ppb
Strontium	88-1	144.32	148.38	148.76	147.15	1.67	ppb
Sulfur	34-1	6172.72	5564.28	5162.02	5633.01	9.03	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.06	0.04	0.03	0.04	38.88	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:58:05	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.61	5.16	5.04	4.94	5.89	ppb
Uranium	238-1	0.22	0.22	0.24	0.23	4.97	ppb
Vanadium	51-2	0.98	0.98	1.01	0.99	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	16.02	16.11	16.26	16.13	0.78	ppb
Zirconium	90-1	0.05	0.06	0.09	0.07	31.61	ppb
Zirconium	91-1	0.10	0.12	0.07	0.09	27.09	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:01:00	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.44	37.90	34.07	35.47	5.95	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	6.44	ppb
Arsenic	75-2	0.15	0.12	0.13	0.13	8.26	ppb
Barium	135-1	9.35	9.75	9.62	9.57	2.15	ppb
Barium	137-1	9.29	9.88	9.68	9.62	3.14	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	81.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	15.84	15.04	16.05	15.65	3.41	ppb
Boron	11-1	16.84	16.50	17.22	16.85	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.00	0.00	185.77	ppb
Cadmium	106-1	0.47	-0.19	-0.25	0.01	4090.70	ppb
Cadmium	108-1	-0.23	-0.32	-0.26	-0.27		ppb
Calcium	43-1	5517.03	5348.59	5511.90	5459.17	1.75	ppb
Calcium	44-1	5395.58	5325.31	5420.65	5380.51	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.09	0.06	32.07	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	16.39	ppb
Copper	63-2	0.20	0.26	0.23	0.23	12.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	56.48	59.71	60.57	58.92	3.66	ppb
Iron	56-2	94.56	57.84	60.93	71.11	28.64	ppb
Iron	57-2	62.52	61.80	60.08	61.47	2.04	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:01:00	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.09	0.06	35.13	ppb
Lead	207-1	0.06	0.03	0.02	0.03	59.23	ppb
Lead	208-1	0.06	0.04	0.05	0.05	19.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	2054.28	2026.86	2072.16	2051.10	1.11	ppb
Manganese	55-2	6.89	7.12	7.13	7.05	1.95	ppb
Molybdenum	94-1	0.19	0.17	0.18	0.18	5.79	ppb
Molybdenum	95-1	0.14	0.14	0.13	0.13	5.37	ppb
Molybdenum	96-1	0.13	0.11	0.15	0.13	17.05	ppb
Molybdenum	97-1	0.15	0.14	0.16	0.15	7.81	ppb
Molybdenum	98-1	0.15	0.14	0.19	0.16	15.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.11	0.10	0.11	12.82	ppb
Phosphorus	31-2	3.18	-9.83	-4.89	-3.85		ppb
Potassium	39-2	484.76	487.67	492.73	488.39	0.83	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.24	0.20	0.62	0.35	65.38	ppb
Selenium	77-2	-0.16	-0.16	0.28	-0.01		ppb
Selenium	78-2	-0.25	0.27	-0.63	-0.20		ppb
Silicon	28-1	783.98	762.96	807.89	784.94	2.86	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.01	-0.02		ppb
Sodium	23-2	5591.10	5571.52	5645.71	5602.78	0.69	ppb
Strontium	86-1	30.37	30.34	30.48	30.40	0.23	ppb
Strontium	88-1	29.71	30.39	30.45	30.18	1.36	ppb
Sulfur	34-1	791.55	630.25	975.66	799.15	21.63	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.01	0.00	0.01	0.01	92.30	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:01:00	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.10	1.03	1.20	1.11	7.62	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	5.04	ppb
Vanadium	51-2	0.20	0.21	0.19	0.20	5.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	3.62	3.09	3.59	3.44	8.61	ppb
Zirconium	90-1	0.09	0.01	0.01	0.04	119.43	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	13.19	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:14:41	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9778.42	9780.54	9821.67	9793.54	0.25	ppb
Antimony	121-1	470.95	500.05	501.60	490.87	3.52	ppb
Arsenic	75-2	510.18	504.75	509.86	508.27	0.60	ppb
Barium	135-1	2409.77	2477.59	2527.74	2471.70	2.40	ppb
Barium	137-1	2426.20	2459.77	2468.21	2451.39	0.91	ppb
Beryllium	9-1	501.72	506.77	527.32	511.94	2.65	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	465.24	506.91	536.35	502.83	7.11	ppb
Boron	11-1	492.57	542.77	556.23	530.52	6.32	ppb
Bromine	81-1						cps
Cadmium	111-1	492.81	497.78	507.29	499.29	1.47	ppb
Cadmium	106-1	489.71	491.46	495.82	492.33	0.64	ppb
Cadmium	108-1	485.94	510.50	512.06	502.84	2.91	ppb
Calcium	43-1	74020.14	78212.84	76086.98	76106.65	2.75	ppb
Calcium	44-1	75167.76	75998.74	74812.39	75326.30	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.38	502.95	493.86	495.06	1.49	ppb
Cobalt	59-2	500.80	490.11	486.41	492.44	1.52	ppb
Copper	63-2	5318.59	5408.81	5281.43	5336.28	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	27345.92	27353.03	27005.03	27234.66	0.73	ppb
Iron	56-2	27110.50	26604.82	26700.93	26805.42	1.00	ppb
Iron	57-2	27095.56	27157.29	27121.44	27124.76	0.11	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:14:41	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2494.86	2465.78	2485.45	2482.03	0.60	ppb
Lead	207-1	2499.10	2487.91	2495.52	2494.18	0.23	ppb
Lead	208-1	2506.06	2484.64	2488.97	2493.22	0.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	62515.94	61971.60	62014.43	62167.32	0.49	ppb
Manganese	55-2	5266.46	5383.88	5337.62	5329.32	1.11	ppb
Molybdenum	94-1	2419.16	2460.67	2398.84	2426.22	1.30	ppb
Molybdenum	95-1	2450.96	2450.87	2380.97	2427.60	1.66	ppb
Molybdenum	96-1	2414.23	2442.70	2347.79	2401.57	2.03	ppb
Molybdenum	97-1	2340.06	2410.29	2364.29	2371.55	1.50	ppb
Molybdenum	98-1	2376.15	2413.03	2355.62	2381.60	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.99	478.16	472.87	474.01	0.78	ppb
Phosphorus	31-2	51.60	50.63	70.99	57.74	19.89	ppb
Potassium	39-2	27293.40	26975.37	27303.41	27190.72	0.69	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	496.03	501.69	501.25	499.66	0.63	ppb
Selenium	77-2	536.15	487.54	517.30	513.66	4.77	ppb
Selenium	78-2	493.16	494.12	498.49	495.26	0.57	ppb
Silicon	28-1	4413.90	4529.21	4380.98	4441.36	1.75	ppb
Silver	107-1	455.64	413.59	472.47	447.23	6.78	ppb
Silver	109-1	372.23	461.28	420.56	418.02	10.66	ppb
Sodium	23-2	88318.52	88277.60	87371.96	87989.36	0.61	ppb
Strontium	86-1	4850.21	5099.35	4970.94	4973.50	2.51	ppb
Strontium	88-1	4955.89	5090.33	4881.06	4975.76	2.13	ppb
Sulfur	34-1	6990.66	5998.39	5836.63	6275.22	9.96	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	506.47	481.93	501.83	496.75	2.62	ppb
Thallium	205-1	494.59	482.81	491.77	489.72	1.26	ppb
Tin	118-1	463.24	511.98	504.69	493.31	5.33	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:14:41	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2347.17	2363.95	2340.39	2350.50	0.52	ppb
Uranium	238-1	506.57	477.93	489.05	491.18	2.94	ppb
Vanadium	51-2	493.63	505.40	501.01	500.01	1.19	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	5227.82	5280.79	5235.67	5248.09	0.54	ppb
Zirconium	90-1	486.27	485.34	486.83	486.14	0.15	ppb
Zirconium	91-1	497.21	500.94	490.64	496.27	1.05	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:17:34	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9788.10	9808.69	9708.38	9768.39	0.54	ppb
Antimony	121-1	495.85	481.43	489.68	488.99	1.48	ppb
Arsenic	75-2	519.76	504.85	505.52	510.04	1.65	ppb
Barium	135-1	2455.98	2448.77	2471.52	2458.76	0.47	ppb
Barium	137-1	2413.40	2346.93	2430.90	2397.08	1.85	ppb
Beryllium	9-1	504.15	500.54	513.17	505.95	1.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	519.26	546.65	571.66	545.86	4.80	ppb
Boron	11-1	538.68	531.31	577.92	549.30	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	496.36	490.38	504.53	497.09	1.43	ppb
Cadmium	106-1	497.72	483.80	505.50	495.67	2.22	ppb
Cadmium	108-1	510.07	495.64	492.25	499.32	1.89	ppb
Calcium	43-1	77707.30	76508.14	79360.62	77858.69	1.84	ppb
Calcium	44-1	75704.97	74965.87	75437.19	75369.34	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.95	499.18	500.41	495.51	1.50	ppb
Cobalt	59-2	495.99	490.50	507.88	498.13	1.78	ppb
Copper	63-2	5503.15	5305.42	5273.16	5360.58	2.32	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				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	27407.06	27124.26	27642.65	27391.33	0.95	ppb
Iron	56-2	26499.61	26131.47	26742.75	26457.94	1.16	ppb
Iron	57-2	26943.06	26166.46	27680.82	26930.11	2.81	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:17:34	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2527.34	2417.36	2488.21	2477.64	2.25	ppb
Lead	207-1	2588.76	2409.05	2431.63	2476.48	3.95	ppb
Lead	208-1	2544.25	2440.58	2464.25	2483.03	2.19	ppb
Lithium	6-1				104		%
Magnesium	24-2	61525.34	62416.12	61109.16	61683.54	1.08	ppb
Manganese	55-2	5378.01	5358.69	5286.62	5341.11	0.90	ppb
Molybdenum	94-1	2428.24	2348.76	2444.46	2407.15	2.13	ppb
Molybdenum	95-1	2389.56	2329.08	2370.06	2362.90	1.31	ppb
Molybdenum	96-1	2419.02	2352.88	2403.97	2391.95	1.45	ppb
Molybdenum	97-1	2454.23	2384.52	2479.77	2439.51	2.02	ppb
Molybdenum	98-1	2378.39	2348.40	2406.23	2377.67	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.98	474.50	472.71	476.40	1.03	ppb
Phosphorus	31-2	44.67	40.18	38.52	41.12	7.74	ppb
Potassium	39-2	27449.02	27114.34	27309.20	27290.85	0.62	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	498.07	502.01	509.89	503.32	1.20	ppb
Selenium	77-2	511.79	503.48	493.73	503.00	1.80	ppb
Selenium	78-2	505.41	489.11	495.23	496.58	1.66	ppb
Silicon	28-1	4544.24	4467.38	4458.10	4489.91	1.05	ppb
Silver	107-1	424.00	388.83	441.85	418.23	6.45	ppb
Silver	109-1	463.73	389.11	399.75	417.53	9.67	ppb
Sodium	23-2	81390.31	80643.10	80803.95	80945.79	0.49	ppb
Strontium	86-1	5072.30	4979.26	5131.11	5060.89	1.51	ppb
Strontium	88-1	4950.20	4950.73	5125.11	5008.68	2.01	ppb
Sulfur	34-1	6147.67	6564.83	5903.18	6205.23	5.39	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	499.87	495.67	516.35	503.96	2.17	ppb
Thallium	205-1	501.35	490.09	497.38	496.27	1.15	ppb
Tin	118-1	489.10	486.70	493.60	489.80	0.72	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:17:34	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2385.20	2374.08	2343.41	2367.56	0.91	ppb
Uranium	238-1	495.51	487.28	493.82	492.21	0.88	ppb
Vanadium	51-2	497.76	499.83	498.48	498.69	0.21	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	5696.66	5603.82	5619.08	5639.85	0.88	ppb
Zirconium	90-1	496.66	485.20	495.94	492.60	1.30	ppb
Zirconium	91-1	506.32	490.72	500.14	499.06	1.57	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:20:30	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49044.41	48446.30	48538.46	48676.39	0.66	ppb
Antimony	121-1	450.60	469.90	467.09	462.53	2.25	ppb
Arsenic	75-2	490.84	490.75	495.56	492.38	0.56	ppb
Barium	135-1	2319.40	2373.25	2377.90	2356.85	1.38	ppb
Barium	137-1	2293.15	2362.52	2355.71	2337.13	1.64	ppb
Beryllium	9-1	491.56	477.14	473.86	480.85	1.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	509.30	540.57	537.71	529.19	3.27	ppb
Boron	11-1	535.54	549.61	550.05	545.07	1.51	ppb
Bromine	81-1						cps
Cadmium	111-1	513.23	508.90	511.51	511.21	0.43	ppb
Cadmium	106-1	516.92	519.50	498.56	511.66	2.23	ppb
Cadmium	108-1	499.77	511.04	520.00	510.27	1.99	ppb
Calcium	43-1	253686.36	256968.88	254456.01	255037.08	0.67	ppb
Calcium	44-1	247629.81	255764.52	253106.40	252166.91	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460.13	459.47	475.45	465.02	1.95	ppb
Cobalt	59-2	445.35	457.93	460.12	454.47	1.75	ppb
Copper	63-2	4728.11	4727.34	4718.13	4724.52	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	123891.48	120464.79	125404.69	123253.65	2.05	ppb
Iron	56-2	127787.96	123641.98	124847.03	125425.66	1.70	ppb
Iron	57-2	119530.08	121915.07	120886.37	120777.17	0.99	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:20:30	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2318.80	2331.83	2376.91	2342.52	1.30	ppb
Lead	207-1	2365.26	2360.78	2418.95	2381.66	1.36	ppb
Lead	208-1	2356.30	2331.53	2417.42	2368.42	1.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	251635.53	255549.02	254933.18	254039.24	0.83	ppb
Manganese	55-2	5190.48	4929.71	5144.74	5088.31	2.74	ppb
Molybdenum	94-1	2346.65	2336.53	2443.42	2375.53	2.48	ppb
Molybdenum	95-1	2310.17	2335.63	2384.92	2343.57	1.62	ppb
Molybdenum	96-1	2271.40	2273.18	2357.16	2300.58	2.13	ppb
Molybdenum	97-1	2291.65	2292.91	2357.78	2314.11	1.63	ppb
Molybdenum	98-1	2321.42	2336.10	2368.32	2341.95	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.82	461.82	467.75	467.13	1.08	ppb
Phosphorus	31-2	9475.72	9478.16	9430.38	9461.42	0.28	ppb
Potassium	39-2	121453.20	119538.64	122373.90	121121.92	1.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	483.72	484.33	504.41	490.82	2.40	ppb
Selenium	77-2	475.72	502.79	484.32	487.61	2.84	ppb
Selenium	78-2	491.81	489.28	491.32	490.80	0.27	ppb
Silicon	28-1	543.58	555.76	577.10	558.81	3.04	ppb
Silver	107-1	501.92	493.62	485.40	493.65	1.67	ppb
Silver	109-1	489.30	505.78	505.79	500.29	1.90	ppb
Sodium	23-2	259168.44	248666.86	252752.00	253529.10	2.09	ppb
Strontium	86-1	4680.12	4552.18	4858.24	4696.85	3.27	ppb
Strontium	88-1	4555.46	4510.77	4774.96	4613.73	3.06	ppb
Sulfur	34-1	9282.98	9630.01	9756.01	9556.33	2.56	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	478.49	477.88	487.33	481.23	1.10	ppb
Thallium	205-1	467.63	460.26	481.21	469.70	2.26	ppb
Tin	118-1	468.55	480.08	474.97	474.53	1.22	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:20:30	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2332.98	2331.05	2336.29	2333.44	0.11	ppb
Uranium	238-1	472.81	485.94	494.16	484.31	2.22	ppb
Vanadium	51-2	468.36	470.69	483.80	474.28	1.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	4741.34	4739.22	4728.80	4736.45	0.14	ppb
Zirconium	90-1	470.68	472.59	477.59	473.62	0.75	ppb
Zirconium	91-1	478.64	484.73	488.37	483.92	1.02	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:28:49	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.12	-0.07	0.05	196.14	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	14.26	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.03	0.01	0.01	148.01	ppb
Barium	137-1	0.02	0.01	0.02	0.02	32.68	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	31.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	22.31	23.19	25.38	23.63	6.68	ppb
Boron	11-1	23.29	23.38	27.44	24.70	9.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.00	0.00	158.31	ppb
Cadmium	106-1	-1.02	0.25	-1.17	-0.65		ppb
Cadmium	108-1	-0.28	-0.22	-0.20	-0.23		ppb
Calcium	43-1	-1.11	-0.80	0.44	-0.49		ppb
Calcium	44-1	-0.82	0.83	5.38	1.79	179.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.03	0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	54-2	0.13	-0.04	0.01	0.03	286.25	ppb
Iron	56-2	0.27	0.35	0.06	0.23	66.95	ppb
Iron	57-2	-0.14	1.08	0.36	0.43	142.88	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:28:49	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.10	0.08	17.39	ppb
Lead	207-1	0.04	0.07	0.07	0.06	25.72	ppb
Lead	208-1	0.06	0.07	0.09	0.07	19.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.07	0.63	0.02	0.24	142.24	ppb
Manganese	55-2	0.03	0.02	0.01	0.02	50.19	ppb
Molybdenum	94-1	0.05	0.04	0.05	0.04	11.87	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	22.07	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.03	18.48	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.03	64.34	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	11.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-9.33	-15.13	2.57	-7.29		ppb
Potassium	39-2	12.89	12.30	9.89	11.69	13.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.34	0.34	0.67	0.45	43.07	ppb
Selenium	77-2	-0.16	0.30	-0.16	-0.01		ppb
Selenium	78-2	0.19	0.51	-0.89	-0.06		ppb
Silicon	28-1	-3.08	-1.09	2.99	-0.39		ppb
Silver	107-1	0.13	0.08	0.08	0.10	28.27	ppb
Silver	109-1	0.13	0.08	0.05	0.09	41.92	ppb
Sodium	23-2	17.15	18.21	16.94	17.44	3.91	ppb
Strontium	86-1	0.03	0.02	0.05	0.03	42.54	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	9.13	ppb
Sulfur	34-1	-704.59	-429.01	246.60	-295.67		ppb
Terbium	159-1				98		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.05	0.04	13.68	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	16.70	ppb
Tin	118-1	0.00	0.02	0.00	0.01	156.09	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:28:49	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.01	0.03	0.00	435.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.06	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	0.32	0.58	0.52	0.47	28.85	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	101.87	ppb
Zirconium	91-1	0.01	-0.01	0.03	0.01	211.93	ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : PB140025BL Instrumnet Name : P8
 Client Sample ID : PB140025BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:33:20 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.24	0.38	0.34	25.49	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	26.00	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	78.67	ppb
Barium	135-1	0.00	0.01	0.01	0.00	125.00	ppb
Barium	137-1	0.01	0.02	0.02	0.02	27.17	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	35.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	15.70	15.76	14.35	15.27	5.24	ppb
Boron	11-1	15.80	15.24	15.32	15.45	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	0.70	-0.54	-1.70	-0.51		ppb
Cadmium	108-1	0.02	-0.13	-0.22	-0.11		ppb
Calcium	43-1	-0.93	0.12	0.00	-0.27		ppb
Calcium	44-1	-0.04	-0.44	-0.87	-0.45		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	0.03	0.03	30.96	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	809.46	ppb
Copper	63-2	-0.01	0.03	0.04	0.02	119.03	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				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	0.13	1.99	0.34	0.82	124.22	ppb
Iron	56-2	0.64	0.90	0.66	0.73	19.92	ppb
Iron	57-2	1.30	0.84	2.17	1.44	47.04	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BL	Instrumnet Name :	P8
Client Sample ID :	PB140025BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:33:20	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	9.70	ppb
Lead	207-1	0.06	0.03	0.07	0.05	36.23	ppb
Lead	208-1	0.05	0.05	0.04	0.05	12.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.00	0.72	-0.02	0.23	182.02	ppb
Manganese	55-2	0.01	0.04	0.02	0.02	65.55	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	13.43	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	7.42	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	60.63	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	60.97	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	28.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.01	192.44	ppb
Phosphorus	31-2	-10.61	-2.88	-17.80	-10.43		ppb
Potassium	39-2	11.97	11.18	5.58	9.58	36.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.26	0.66	0.46	0.46	44.13	ppb
Selenium	77-2	0.29	-0.16	-0.16	-0.01		ppb
Selenium	78-2	-0.18	-0.14	-0.85	-0.39		ppb
Silicon	28-1	-0.20	1.33	0.23	0.45	173.01	ppb
Silver	107-1	0.03	0.01	0.02	0.02	50.35	ppb
Silver	109-1	0.02	0.02	0.01	0.02	28.47	ppb
Sodium	23-2	17.20	18.98	18.22	18.14	4.94	ppb
Strontium	86-1	0.07	-0.04	0.01	0.01	446.47	ppb
Strontium	88-1	0.01	0.03	0.03	0.03	38.94	ppb
Sulfur	34-1	-251.69	-335.51	-371.39	-319.53		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.02	0.01	0.03	54.69	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	20.31	ppb
Tin	118-1	0.04	0.05	0.04	0.04	14.27	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BL	Instrumnet Name :	P8
Client Sample ID :	PB140025BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:33:20	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.04	-0.02	0.01	275.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	136.43	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	35.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.35	0.19	0.32	0.29	30.44	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	113.09	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	76.95	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BS	Instrumnet Name :	P8
Client Sample ID :	PB140025BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:36:23	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10474.13	10622.84	10951.19	10682.72	2.29	ppb
Antimony	121-1	508.17	533.23	514.23	518.54	2.52	ppb
Arsenic	75-2	514.75	538.84	547.77	533.78	3.20	ppb
Barium	135-1	2481.80	2652.52	2526.41	2553.58	3.47	ppb
Barium	137-1	2465.21	2690.58	2525.07	2560.28	4.56	ppb
Beryllium	9-1	533.20	529.95	512.32	525.16	2.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	453.82	489.05	507.42	483.43	5.63	ppb
Boron	11-1	475.51	515.19	540.21	510.30	6.39	ppb
Bromine	81-1						cps
Cadmium	111-1	515.48	548.11	517.12	526.90	3.49	ppb
Cadmium	106-1	517.22	538.25	530.62	528.70	2.01	ppb
Cadmium	108-1	516.48	556.55	524.30	532.44	3.99	ppb
Calcium	43-1	55257.73	55163.83	56480.07	55633.88	1.32	ppb
Calcium	44-1	52707.44	54084.79	54494.10	53762.11	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.05	526.59	532.60	524.08	1.91	ppb
Cobalt	59-2	530.65	527.21	559.04	538.97	3.24	ppb
Copper	63-2	5119.73	5349.33	5378.58	5282.55	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	28216.72	29654.13	30249.56	29373.47	3.56	ppb
Iron	56-2	28313.68	29133.87	30082.79	29176.78	3.03	ppb
Iron	57-2	28887.13	28559.03	30874.55	29440.24	4.26	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BS	Instrumnet Name :	P8
Client Sample ID :	PB140025BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:36:23	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2568.11	2536.55	2559.18	2554.61	0.64	ppb
Lead	207-1	2586.20	2541.34	2578.51	2568.68	0.93	ppb
Lead	208-1	2574.56	2543.82	2571.39	2563.26	0.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	57078.26	57179.49	58131.95	57463.24	1.01	ppb
Manganese	55-2	5173.99	5409.25	5507.36	5363.53	3.19	ppb
Molybdenum	94-1	2529.39	2650.08	2609.46	2596.31	2.37	ppb
Molybdenum	95-1	2512.77	2658.55	2599.79	2590.37	2.83	ppb
Molybdenum	96-1	2553.56	2629.31	2582.37	2588.41	1.48	ppb
Molybdenum	97-1	2594.07	2686.07	2560.48	2613.54	2.49	ppb
Molybdenum	98-1	2573.48	2638.31	2544.54	2585.44	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.17	517.47	531.29	519.64	2.06	ppb
Phosphorus	31-2	10179.55	10883.33	11147.90	10736.93	4.66	ppb
Potassium	39-2	26997.16	27427.56	28061.36	27495.36	1.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	517.78	533.39	523.40	524.86	1.51	ppb
Selenium	77-2	525.02	532.35	552.67	536.68	2.67	ppb
Selenium	78-2	531.19	560.41	551.45	547.68	2.73	ppb
Silicon	28-1	509.12	533.75	531.67	524.85	2.60	ppb
Silver	107-1	511.67	544.81	524.43	526.97	3.17	ppb
Silver	109-1	520.72	549.47	523.82	531.33	2.97	ppb
Sodium	23-2	56517.06	57406.37	58343.31	57422.25	1.59	ppb
Strontium	86-1	5183.89	5347.10	5191.78	5240.92	1.76	ppb
Strontium	88-1	5179.78	5264.29	5213.45	5219.17	0.82	ppb
Sulfur	34-1	11451.59	11203.73	11436.87	11364.06	1.22	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	502.69	525.73	512.41	513.61	2.25	ppb
Thallium	205-1	511.71	499.25	516.83	509.27	1.78	ppb
Tin	118-1	511.10	541.96	517.83	523.63	3.10	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BS	Instrumnet Name :	P8
Client Sample ID :	PB140025BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:36:23	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2541.11	2523.35	2587.00	2550.48	1.29	ppb
Uranium	238-1	499.25	490.28	500.21	496.58	1.10	ppb
Vanadium	51-2	512.15	530.32	542.47	528.31	2.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	5184.35	5421.47	5546.48	5384.10	3.42	ppb
Zirconium	90-1	516.93	528.39	520.30	521.88	1.13	ppb
Zirconium	91-1	515.12	536.85	516.30	522.76	2.34	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:39:16	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9665.78	9772.01	9613.87	9683.89	0.83	ppb
Antimony	121-1	508.58	504.21	521.30	511.36	1.74	ppb
Arsenic	75-2	508.46	507.74	496.17	504.13	1.37	ppb
Barium	135-1	2508.76	2511.36	2612.23	2544.11	2.32	ppb
Barium	137-1	2452.68	2513.73	2606.07	2524.16	3.06	ppb
Beryllium	9-1	519.08	510.53	544.18	524.60	3.33	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	531.46	543.44	641.35	572.08	10.54	ppb
Boron	11-1	548.79	590.86	618.83	586.16	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	497.55	508.52	542.38	516.15	4.53	ppb
Cadmium	106-1	492.46	510.16	539.94	514.19	4.67	ppb
Cadmium	108-1	512.80	517.33	547.34	525.82	3.57	ppb
Calcium	43-1	76011.71	76407.14	83068.44	78495.76	5.05	ppb
Calcium	44-1	74775.88	74222.77	82573.80	77190.82	6.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.05	482.41	504.48	495.31	2.32	ppb
Cobalt	59-2	494.78	506.06	494.55	498.46	1.32	ppb
Copper	63-2	5200.66	5304.35	5344.67	5283.22	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	26885.61	27397.70	27025.05	27102.79	0.98	ppb
Iron	56-2	27020.71	26627.55	26523.39	26723.88	0.98	ppb
Iron	57-2	27980.64	27439.51	26466.89	27295.68	2.81	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:39:16	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2418.15	2502.29	2629.83	2516.76	4.23	ppb
Lead	207-1	2396.68	2497.97	2607.13	2500.59	4.21	ppb
Lead	208-1	2406.98	2495.41	2627.30	2509.90	4.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	61757.73	60973.33	60584.88	61105.31	0.98	ppb
Manganese	55-2	5405.39	5372.61	5346.98	5374.99	0.54	ppb
Molybdenum	94-1	2512.71	2341.68	2660.55	2504.98	6.37	ppb
Molybdenum	95-1	2389.13	2338.07	2594.07	2440.42	5.55	ppb
Molybdenum	96-1	2442.73	2363.07	2575.30	2460.37	4.36	ppb
Molybdenum	97-1	2528.90	2355.68	2605.74	2496.78	5.13	ppb
Molybdenum	98-1	2466.47	2340.11	2579.83	2462.14	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.47	478.88	468.03	470.13	1.68	ppb
Phosphorus	31-2	57.94	55.94	41.53	51.80	17.28	ppb
Potassium	39-2	26968.88	27865.70	26421.17	27085.25	2.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	505.30	493.45	541.12	513.29	4.84	ppb
Selenium	77-2	496.92	495.52	513.28	501.91	1.97	ppb
Selenium	78-2	487.16	492.16	475.95	485.09	1.71	ppb
Silicon	28-1	4271.31	4245.20	4734.91	4417.14	6.24	ppb
Silver	107-1	396.82	456.19	402.72	418.58	7.81	ppb
Silver	109-1	352.69	425.49	425.77	401.32	10.49	ppb
Sodium	23-2	85216.47	84837.72	82940.05	84331.41	1.45	ppb
Strontium	86-1	5292.68	4983.27	5629.40	5301.78	6.10	ppb
Strontium	88-1	5118.23	4968.10	5516.82	5201.05	5.45	ppb
Sulfur	34-1	5796.09	6136.27	7399.41	6443.92	13.11	ppb
Terbium	159-1				96		%
Terbium	159-2				103		%
Thallium	203-1	499.57	488.85	530.87	506.43	4.31	ppb
Thallium	205-1	482.56	486.46	523.15	497.39	4.50	ppb
Tin	118-1	503.51	495.58	528.35	509.15	3.36	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:39:16	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2300.08	2315.50	2620.51	2412.03	7.49	ppb
Uranium	238-1	488.06	486.96	517.32	497.45	3.46	ppb
Vanadium	51-2	500.84	489.84	502.02	497.56	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	5316.56	5404.65	5454.06	5391.76	1.29	ppb
Zirconium	90-1	498.44	476.16	533.33	502.64	5.73	ppb
Zirconium	91-1	507.50	484.89	546.15	512.85	6.04	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:42:12	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48479.38	49714.34	48177.84	48790.52	1.67	ppb
Antimony	121-1	465.69	456.07	452.91	458.22	1.45	ppb
Arsenic	75-2	502.76	488.56	491.22	494.18	1.53	ppb
Barium	135-1	2353.72	2310.48	2275.88	2313.36	1.69	ppb
Barium	137-1	2299.62	2291.24	2251.73	2280.87	1.12	ppb
Beryllium	9-1	480.57	495.37	483.01	486.31	1.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	493.88	541.37	541.03	525.43	5.20	ppb
Boron	11-1	519.41	554.33	571.82	548.52	4.86	ppb
Bromine	81-1						cps
Cadmium	111-1	496.69	499.80	497.68	498.06	0.32	ppb
Cadmium	106-1	496.80	482.99	502.84	494.21	2.06	ppb
Cadmium	108-1	515.92	488.49	492.27	498.89	2.98	ppb
Calcium	43-1	246323.86	250910.08	247772.60	248335.51	0.94	ppb
Calcium	44-1	241695.75	248668.08	241441.66	243935.16	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455.84	485.96	465.62	469.14	3.28	ppb
Cobalt	59-2	456.79	467.95	453.01	459.25	1.69	ppb
Copper	63-2	4742.06	4769.29	4650.25	4720.53	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	122531.96	124837.37	121689.52	123019.62	1.32	ppb
Iron	56-2	122462.60	126465.64	120946.29	123291.51	2.31	ppb
Iron	57-2	120466.38	121302.98	120082.14	120617.16	0.52	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:42:12	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2431.98	2380.89	2340.45	2384.44	1.92	ppb
Lead	207-1	2370.34	2451.21	2308.59	2376.71	3.01	ppb
Lead	208-1	2405.46	2436.17	2346.74	2396.12	1.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	254152.53	255573.05	253613.48	254446.35	0.40	ppb
Manganese	55-2	4920.28	5134.42	4929.97	4994.89	2.42	ppb
Molybdenum	94-1	2413.98	2484.08	2371.87	2423.31	2.34	ppb
Molybdenum	95-1	2343.20	2408.26	2372.78	2374.75	1.37	ppb
Molybdenum	96-1	2325.00	2411.46	2397.34	2377.93	1.95	ppb
Molybdenum	97-1	2379.37	2398.85	2407.98	2395.40	0.61	ppb
Molybdenum	98-1	2335.83	2385.37	2388.79	2370.00	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.20	471.97	459.07	465.08	1.40	ppb
Phosphorus	31-2	9504.05	9586.69	9035.08	9375.27	3.17	ppb
Potassium	39-2	123867.39	124087.37	119711.31	122555.36	2.01	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	496.24	507.74	497.53	500.50	1.26	ppb
Selenium	77-2	507.61	499.53	501.74	502.96	0.83	ppb
Selenium	78-2	508.82	493.92	497.48	500.07	1.56	ppb
Silicon	28-1	534.90	567.70	564.17	555.59	3.24	ppb
Silver	107-1	504.58	478.44	486.48	489.84	2.73	ppb
Silver	109-1	488.94	472.28	477.90	479.71	1.77	ppb
Sodium	23-2	255721.13	254926.14	249309.30	253318.85	1.38	ppb
Strontium	86-1	4795.44	4829.56	4764.16	4796.39	0.68	ppb
Strontium	88-1	4795.48	4868.94	4717.82	4794.08	1.58	ppb
Sulfur	34-1	9138.95	9631.50	9125.73	9298.73	3.10	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	494.61	495.95	490.94	493.83	0.52	ppb
Thallium	205-1	490.84	490.07	482.59	487.83	0.93	ppb
Tin	118-1	484.63	464.04	450.58	466.41	3.68	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:42:12	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2337.35	2345.18	2314.39	2332.31	0.69	ppb
Uranium	238-1	483.43	494.78	489.56	489.26	1.16	ppb
Vanadium	51-2	467.46	486.91	468.79	474.39	2.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	4696.18	4736.57	4639.62	4690.79	1.04	ppb
Zirconium	90-1	484.91	497.73	483.63	488.76	1.59	ppb
Zirconium	91-1	488.39	497.59	487.17	491.05	1.16	ppb

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:51:15 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.20	0.18	0.14	62.64	ppb
Antimony	121-1	0.06	0.06	0.08	0.07	19.00	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	266.12	ppb
Barium	135-1	0.01	0.00	0.01	0.01	62.20	ppb
Barium	137-1	0.01	0.01	0.02	0.01	57.51	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	17.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	20.17	19.19	19.39	19.58	2.64	ppb
Boron	11-1	21.23	20.51	19.99	20.58	3.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Cadmium	106-1	-1.25	-1.10	0.19	-0.72		ppb
Cadmium	108-1	-0.04	0.00	-0.32	-0.12		ppb
Calcium	43-1	-0.55	-1.44	0.50	-0.50		ppb
Calcium	44-1	5.06	-0.78	2.89	2.39	123.57	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	258.17	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.01	0.01	0.01	63.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	0.56	0.14	-0.27	0.15	284.54	ppb
Iron	56-2	0.02	0.08	0.23	0.11	93.95	ppb
Iron	57-2	-0.26	0.57	0.42	0.24	183.38	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:15	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.11	0.09	22.83	ppb
Lead	207-1	0.12	0.08	0.12	0.11	23.45	ppb
Lead	208-1	0.10	0.08	0.10	0.09	11.34	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.14	0.51	1.30	0.56	130.02	ppb
Manganese	55-2	0.04	0.02	0.05	0.04	45.39	ppb
Molybdenum	94-1	0.07	0.07	0.08	0.07	9.36	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	13.00	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	18.78	ppb
Molybdenum	97-1	0.04	0.01	0.05	0.04	56.01	ppb
Molybdenum	98-1	0.06	0.04	0.08	0.06	30.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-0.14	1.13	-10.83	-3.28		ppb
Potassium	39-2	14.68	15.88	11.84	14.13	14.70	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.64	0.88	0.94	0.82	19.64	ppb
Selenium	77-2	-0.16	0.29	-0.16	-0.01		ppb
Selenium	78-2	-0.40	-0.47	0.44	-0.14		ppb
Silicon	28-1	1.20	-4.40	-2.53	-1.91		ppb
Silver	107-1	0.12	0.07	0.06	0.08	37.73	ppb
Silver	109-1	0.12	0.07	0.05	0.08	40.42	ppb
Sodium	23-2	21.59	21.69	19.86	21.04	4.88	ppb
Strontium	86-1	0.00	-0.02	0.02	0.00	1251.95	ppb
Strontium	88-1	0.04	0.02	0.08	0.05	69.00	ppb
Sulfur	34-1	-212.48	-823.58	-608.54	-548.20		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.07	0.06	18.67	ppb
Thallium	205-1	0.06	0.05	0.09	0.07	26.83	ppb
Tin	118-1	-0.01	-0.03	0.03	0.00		ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:15	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.04	0.01	0.04	78.00	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	100.32	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	314.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	0.63	0.70	0.46	0.60	20.13	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	579.50	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	222.49	ppb

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:29:28	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	147	139	141	4.20	cps
Antimony	121-1	92	58	92	81	23.89	cps
Arsenic	75-2	13	5	6	8	54.49	cps
Barium	135-1	75	25	92	64	54.31	cps
Barium	137-1	75	33	33	47	50.95	cps
Beryllium	9-1	36	52	42	43	18.66	cps
Bismuth	209-1	5842021	6114062	5945529	5967204	2.30	cps
Bismuth	209-2	3870765	3907546	3932915	3903742	0.80	cps
Boron	10-1	274	272	286	277	2.73	cps
Boron	11-1	1334	1328	1380	1347	2.11	cps
Bromine	81-1	22341	23404	22431	22725	2.59	cps
Cadmium	111-1	656	626	634	639	2.36	cps
Cadmium	106-1	6493	6377	6051	6307	3.63	cps
Cadmium	108-1	104	88	83	92	12.03	cps
Calcium	43-1	477	465	482	475	1.90	cps
Calcium	44-1	42676	43799	42847	43107	1.40	cps
Carbon	12-1	5108506	5107123	5148217	5121282	0.46	cps
Carbon	12-2	53096	51801	51474	52124	1.65	cps
Chlorine	35-1	817621	796652	773164	795812	2.79	cps
Chlorine	35-2	5209	5326	4718	5084	6.35	cps
Chromium	52-2	903	950	1077	977	9.18	cps
Cobalt	59-2	83	130	77	97	30.06	cps
Copper	63-2	1060	1140	1113	1105	3.69	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	75	75	100	83	17.32	cps
Erbium	164-2	63	37	37	46	33.79	cps
Gadolinium	160-1	108	67	92	89	23.59	cps
Gadolinium	160-2	77	87	87	83	6.93	cps
Holmium	165-1	10746367	11032769	10495905	10758347	2.50	cps
Holmium	165-2	5769681	5650650	5479529	5633287	2.59	cps
Indium	115-1	10331764	10692576	10243027	10422456	2.28	cps
Indium	115-2	1762160	1754862	1684217	1733746	2.48	cps
Iron	54-2	683	689	744	706	4.79	cps
Iron	56-2	5523	6440	6068	6011	7.67	cps
Iron	57-2	172	222	222	206	14.04	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:29:28	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	963	1080	1029	5.80	cps
Lead	206-1	1333	1300	1183	1272	6.19	cps
Lead	207-1	1089	1072	1106	1089	1.53	cps
Lead	208-1	4989	5039	4817	4949	2.36	cps
Lithium	6-1	4291635	4262150	4236786	4263523	0.64	cps
Magnesium	24-2	517	508	692	572	18.09	cps
Manganese	55-2	140	147	130	139	6.04	cps
Molybdenum	94-1	308	342	308	319	6.02	cps
Molybdenum	95-1	83	75	58	72	17.63	cps
Molybdenum	96-1	258	250	192	233	15.57	cps
Molybdenum	97-1	50	75	75	67	21.65	cps
Molybdenum	98-1	125	83	117	108	20.35	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	20	10	10	100.00	cps
Nickel	60-2	333	273	293	300	10.18	cps
Phosphorus	31-2	217	158	142	172	22.87	cps
Potassium	39-2	19747	18888	19197	19277	2.26	cps
Rhodium	103-1	10340405	10508790	10303435	10384210	1.05	cps
Rhodium	103-2	5097184	5124279	4956759	5059407	1.78	cps
Scandium	45-1	8246319	8398048	8215232	8286533	1.18	cps
Scandium	45-2	274587	278693	271379	274886	1.33	cps
Selenium	82-1	-127	-22	-117	-89	-65.40	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	74	79	76	76	3.30	cps
Silicon	28-1	550006	546878	547378	548088	0.31	cps
Silver	107-1	225	392	300	306	27.32	cps
Silver	109-1	283	233	350	289	20.26	cps
Sodium	23-2	22301	21909	21992	22067	0.94	cps
Strontium	86-1	1650	1408	1633	1564	8.63	cps
Strontium	88-1	483	575	608	556	11.65	cps
Sulfur	34-1	469276	461490	461599	464122	0.96	cps
Terbium	159-1	11395294	11604090	11833230	11610871	1.89	cps
Terbium	159-2	5629627	5375187	5580593	5528469	2.44	cps
Thallium	203-1	483	467	442	464	4.52	cps
Thallium	205-1	1050	1067	833	983	13.24	cps
Tin	118-1	1533	1817	1659	1670	8.51	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:29:28	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	317	267	297	9.01	cps
Uranium	238-1	33	17	25	25	33.32	cps
Vanadium	51-2	17	7	30	18	65.83	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	172-2	17	28	22	22	25.00	cps
Ytterbium	176-1	1075	1350	1600	1342	19.57	cps
Ytterbium	176-2	5062	5118	5023	5068	0.94	cps
Yttrium	89-1	25617905	25118787	24846655	25194449	1.55	cps
Yttrium	89-2	2775731	2780725	2756871	2771109	0.45	cps
Zinc	66-2	500	576	523	533	7.35	cps
Zirconium	90-1	1167	1117	1325	1203	9.04	cps
Zirconium	91-1	117	242	167	175	35.95	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:32:32	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	346	352	364	6.90	cps
Antimony	121-1	2059	2142	2009	2070	3.25	cps
Arsenic	75-2	34	41	35	37	10.33	cps
Barium	135-1	2484	2559	2350	2464	4.28	cps
Barium	137-1	4076	3884	4242	4067	4.41	cps
Beryllium	9-1	348	316	324	329	5.06	cps
Bismuth	209-1	5427988	5564878	5548617	5513828	1.36	cps
Bismuth	209-2	3816657	3802070	3705820	3774849	1.60	cps
Boron	10-1	908	856	1034	933	9.81	cps
Boron	11-1	4328	4624	4640	4530	3.88	cps
Bromine	81-1	22822	23704	22963	23163	2.05	cps
Cadmium	111-1	873	852	824	850	2.93	cps
Cadmium	106-1	6302	6110	6252	6221	1.60	cps
Cadmium	108-1	46	96	133	92	47.89	cps
Calcium	43-1	2382	2495	2350	2409	3.15	cps
Calcium	44-1	76659	77142	76274	76692	0.57	cps
Carbon	12-1	5787206	6041654	5973098	5933986	2.22	cps
Carbon	12-2	63279	63128	62434	62947	0.72	cps
Chlorine	35-1	905626	869826	856807	877420	2.88	cps
Chlorine	35-2	5635	5485	5409	5510	2.08	cps
Chromium	52-2	1810	1833	1953	1866	4.12	cps
Cobalt	59-2	680	723	737	713	4.15	cps
Copper	63-2	1843	1850	1917	1870	2.17	cps
Dysprosium	156-1	0	50	0	17	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	142	75	92	103	33.76	cps
Erbium	164-2	43	27	30	33	26.45	cps
Gadolinium	160-1	133	100	83	106	24.12	cps
Gadolinium	160-2	67	90	57	71	24.05	cps
Holmium	165-1	9955749	10126697	9956707	10013051	0.98	cps
Holmium	165-2	5570778	5446926	5393396	5470367	1.66	cps
Indium	115-1	9785827	9625898	9969968	9793898	1.76	cps
Indium	115-2	1720790	1686156	1684366	1697104	1.21	cps
Iron	54-2	1556	1545	1500	1533	1.92	cps
Iron	56-2	21283	20426	20198	20636	2.77	cps
Iron	57-2	611	572	544	576	5.82	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:32:32	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	887	877	940	901	3.78	cps
Lead	206-1	1678	1789	1967	1811	8.05	cps
Lead	207-1	1761	1511	1450	1574	10.47	cps
Lead	208-1	7073	7357	7145	7192	2.05	cps
Lithium	6-1	4020563	4139964	4011924	4057484	1.76	cps
Magnesium	24-2	14049	13365	13407	13607	2.82	cps
Manganese	55-2	237	280	293	270	10.97	cps
Molybdenum	94-1	2767	3017	2467	2750	10.02	cps
Molybdenum	95-1	3159	3059	2834	3017	5.52	cps
Molybdenum	96-1	3325	3167	3701	3398	8.06	cps
Molybdenum	97-1	1859	2050	1775	1895	7.44	cps
Molybdenum	98-1	4734	4493	4601	4609	2.63	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	517	497	560	524	6.17	cps
Phosphorus	31-2	225	167	150	181	21.81	cps
Potassium	39-2	29698	29005	29757	29486	1.42	cps
Rhodium	103-1	9989464	9872478	9859436	9907126	0.72	cps
Rhodium	103-2	5015569	4836498	5028801	4960289	2.17	cps
Scandium	45-1	7628679	7924910	7870736	7808108	2.02	cps
Scandium	45-2	264783	264003	264363	264383	0.15	cps
Selenium	82-1	Rejected	Rejected	Rejected			cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	77	85	86	83	5.97	cps
Silicon	28-1	585301	579434	585770	583502	0.61	cps
Silver	107-1	1425	1533	1450	1470	3.86	cps
Silver	109-1	1408	1333	1233	1325	6.63	cps
Sodium	23-2	51224	48406	50755	50128	3.01	cps
Strontium	86-1	1875	2092	2042	2003	5.66	cps
Strontium	88-1	4176	4417	4092	4229	3.99	cps
Sulfur	34-1	479584	482264	480178	480675	0.29	cps
Terbium	159-1	10803360	10769615	10144771	10572582	3.51	cps
Terbium	159-2	5324219	5450991	5383545	5386252	1.18	cps
Thallium	203-1	1083	1283	1233	1200	8.67	cps
Thallium	205-1	2434	2775	2592	2600	6.58	cps
Tin	118-1	6077	5885	5810	5924	2.32	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:32:32	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1333	1158	1317	1270	7.61	cps
Uranium	238-1	1875	2209	1975	2020	8.47	cps
Vanadium	51-2	1583	1437	1460	1493	5.28	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	172-2	17	0	22	13	89.21	cps
Ytterbium	176-1	1250	1275	1217	1247	2.35	cps
Ytterbium	176-2	4651	4612	4984	4749	4.31	cps
Yttrium	89-1	23448330	24149795	23511224	23703116	1.64	cps
Yttrium	89-2	2789864	2695929	2719899	2735231	1.78	cps
Zinc	66-2	Rejected	Rejected	Rejected			cps
Zirconium	90-1	3267	3067	3175	3170	3.16	cps
Zirconium	91-1	692	550	667	636	11.89	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:38:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2084	2209	2231	2174	3.65	cps
Antimony	121-1	18922	18379	19139	18813	2.08	cps
Arsenic	75-2	336	321	344	334	3.50	cps
Barium	135-1	23655	23688	24047	23797	0.91	cps
Barium	137-1	41765	42735	42334	42278	1.15	cps
Beryllium	9-1	2858	2966	2824	2882	2.57	cps
Bismuth	209-1	5574944	5833265	5373439	5593882	4.12	cps
Bismuth	209-2	3831933	3804101	3849378	3828471	0.60	cps
Boron	10-1	7188	7590	7885	7554	4.63	cps
Boron	11-1	34261	36486	37029	35926	4.08	cps
Bromine	81-1	22942	22361	21138	22147	4.16	cps
Cadmium	111-1	3096	3118	3005	3073	1.94	cps
Cadmium	106-1	6985	6960	6085	6677	7.68	cps
Cadmium	108-1	296	238	279	271	11.09	cps
Calcium	43-1	19849	20109	19909	19955	0.68	cps
Calcium	44-1	367121	371904	370966	369997	0.69	cps
Carbon	12-1	5953910	5979777	5975165	5969617	0.23	cps
Carbon	12-2	61186	61437	62366	61663	1.01	cps
Chlorine	35-1	855248	819168	813480	829299	2.73	cps
Chlorine	35-2	5718	4568	5093	5126	11.24	cps
Chromium	52-2	9173	8516	9106	8932	4.05	cps
Cobalt	59-2	7139	6738	6692	6856	3.58	cps
Copper	63-2	11048	10884	10587	10840	2.15	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	50	83	64	27.15	cps
Erbium	164-2	20	33	30	28	24.98	cps
Gadolinium	160-1	125	67	42	78	54.98	cps
Gadolinium	160-2	93	50	60	68	33.47	cps
Holmium	165-1	9860227	10566846	9864767	10097280	4.03	cps
Holmium	165-2	5482780	5419699	5417335	5439938	0.68	cps
Indium	115-1	9684524	9810658	10006890	9834024	1.65	cps
Indium	115-2	1704188	1662001	1714072	1693420	1.63	cps
Iron	54-2	9314	9036	8697	9016	3.43	cps
Iron	56-2	155432	156870	158196	156833	0.88	cps
Iron	57-2	3995	3973	3839	3936	2.14	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:38:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	937	957	949	1.13	cps
Lead	206-1	7235	7741	6835	7271	6.25	cps
Lead	207-1	6174	6029	6235	6146	1.72	cps
Lead	208-1	28618	29414	28151	28728	2.22	cps
Lithium	6-1	4002127	4015806	4040314	4019415	0.48	cps
Magnesium	24-2	136403	134131	133173	134569	1.23	cps
Manganese	55-2	1970	1947	2074	1997	3.38	cps
Molybdenum	94-1	25332	25908	24155	25132	3.56	cps
Molybdenum	95-1	29707	29348	30843	29966	2.60	cps
Molybdenum	96-1	32806	32647	34619	33357	3.28	cps
Molybdenum	97-1	18922	18847	18346	18705	1.67	cps
Molybdenum	98-1	48402	48494	47030	47975	1.71	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2264	2234	2317	2271	1.86	cps
Phosphorus	31-2	225	133	200	186	25.46	cps
Potassium	39-2	120090	121442	119475	120336	0.84	cps
Rhodium	103-1	9959837	10101247	9703204	9921429	2.03	cps
Rhodium	103-2	4973142	4926322	5004927	4968130	0.80	cps
Scandium	45-1	7799622	8056415	7583432	7813156	3.03	cps
Scandium	45-2	267243	267259	263602	266035	0.79	cps
Selenium	82-1	1021	1083	1076	1060	3.20	cps
Selenium	77-2	40	37	33	37	9.10	cps
Selenium	78-2	170	149	196	172	13.71	cps
Silicon	28-1	679992	684093	690507	684864	0.77	cps
Silver	107-1	13741	13340	14191	13757	3.09	cps
Silver	109-1	12648	12631	13132	12804	2.22	cps
Sodium	23-2	286742	285716	288102	286854	0.42	cps
Strontium	86-1	5543	5776	6152	5824	5.27	cps
Strontium	88-1	37209	38437	37877	37841	1.62	cps
Sulfur	34-1	476775	474974	481960	477903	0.76	cps
Terbium	159-1	10637883	10773967	10414291	10608714	1.71	cps
Terbium	159-2	5411155	5499296	5451266	5453905	0.81	cps
Thallium	203-1	7686	7869	7811	7789	1.20	cps
Thallium	205-1	18831	17796	18322	18316	2.82	cps
Tin	118-1	44615	43043	43236	43631	1.97	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:38:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9954	9720	9895	9856	1.23	cps
Uranium	238-1	21402	22112	21126	21547	2.36	cps
Vanadium	51-2	15382	15158	15362	15300	0.81	cps
Ytterbium	172-1	25	25	25	25	0.00	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	1292	1267	1250	1270	1.65	cps
Ytterbium	176-2	4290	4907	5168	4788	9.42	cps
Yttrium	89-1	23221920	24316403	23113634	23550652	2.83	cps
Yttrium	89-2	2689436	2778561	2739792	2735930	1.63	cps
Zinc	66-2	1654	1703	1847	1735	5.76	cps
Zirconium	90-1	21993	21517	21885	21798	1.14	cps
Zirconium	91-1	4601	4818	4743	4720	2.33	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:41:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93454	94118	94229	93933	0.45	cps
Antimony	121-1	513490	511139	509490	511373	0.39	cps
Arsenic	75-2	17578	17565	17579	17574	0.04	cps
Barium	135-1	627951	638927	641141	636007	1.11	cps
Barium	137-1	1097223	1109375	1099682	1102093	0.58	cps
Beryllium	9-1	143240	146254	143861	144452	1.10	cps
Bismuth	209-1	5709801	5918812	5624450	5751021	2.63	cps
Bismuth	209-2	3988934	3810586	3863333	3887618	2.36	cps
Boron	10-1	14604	15597	16084	15428	4.89	cps
Boron	11-1	69167	72992	76933	73030	5.32	cps
Bromine	81-1	22010	21940	22602	22184	1.64	cps
Cadmium	111-1	130432	131412	130219	130688	0.49	cps
Cadmium	106-1	21651	21977	21401	21676	1.33	cps
Cadmium	108-1	10391	10275	10262	10310	0.69	cps
Calcium	43-1	202866	203806	202615	203096	0.31	cps
Calcium	44-1	3481221	3524099	3432951	3479424	1.31	cps
Carbon	12-1	6352335	6259563	6334260	6315386	0.78	cps
Carbon	12-2	66259	66978	66099	66445	0.70	cps
Chlorine	35-1	811463	805024	785351	800613	1.70	cps
Chlorine	35-2	5401	5468	4593	5154	9.45	cps
Chromium	52-2	194688	201146	198467	198100	1.64	cps
Cobalt	59-2	357881	356842	354643	356455	0.46	cps
Copper	63-2	2780595	2834407	2858681	2824561	1.41	cps
Dysprosium	156-1	17	58	8	28	96.44	cps
Dysprosium	156-2	27	10	10	16	61.87	cps
Erbium	164-1	100	67	100	89	21.65	cps
Erbium	164-2	57	20	30	36	53.31	cps
Gadolinium	160-1	92	58	92	81	23.89	cps
Gadolinium	160-2	70	103	100	91	20.15	cps
Holmium	165-1	10182081	10170252	10242675	10198336	0.38	cps
Holmium	165-2	5545990	5615351	5753887	5638409	1.88	cps
Indium	115-1	9910079	10307135	10028575	10081930	2.02	cps
Indium	115-2	1665606	1708777	1735933	1703439	2.08	cps
Iron	54-2	433052	423614	439342	432003	1.83	cps
Iron	56-2	7661553	7983722	7822083	7822453	2.06	cps
Iron	57-2	191243	193153	192218	192204	0.50	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:41:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	883	883	903	3.83	cps
Lead	206-1	1564081	1564774	1609792	1579549	1.66	cps
Lead	207-1	1345406	1384641	1384669	1371572	1.65	cps
Lead	208-1	6321158	6414689	6497555	6411134	1.38	cps
Lithium	6-1	4223588	4201918	4174550	4200019	0.59	cps
Magnesium	24-2	1415182	1483730	1521470	1473461	3.66	cps
Manganese	55-2	971394	997080	979043	982506	1.34	cps
Molybdenum	94-1	1289523	1318441	1298359	1302108	1.14	cps
Molybdenum	95-1	1578427	1548461	1543438	1556775	1.22	cps
Molybdenum	96-1	1728335	1777336	1733410	1746360	1.54	cps
Molybdenum	97-1	942603	968080	961770	957484	1.39	cps
Molybdenum	98-1	2489798	2532065	2501332	2507732	0.87	cps
Neodymium	150-1	27	60	27	38	50.93	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	98723	100173	98190	99029	1.04	cps
Phosphorus	31-2	5193	4734	5751	5226	9.75	cps
Potassium	39-2	568873	576223	574580	573226	0.67	cps
Rhodium	103-1	9868576	10166544	9905820	9980313	1.63	cps
Rhodium	103-2	4959665	5009653	5137686	5035668	1.82	cps
Scandium	45-1	7772928	8045033	7866119	7894693	1.75	cps
Scandium	45-2	265465	266029	270519	267338	1.04	cps
Selenium	82-1	10887	11060	10984	10977	0.79	cps
Selenium	77-2	317	413	383	371	13.33	cps
Selenium	78-2	1191	1225	1235	1217	1.90	cps
Silicon	28-1	1034984	1021920	1044122	1033675	1.08	cps
Silver	107-1	735342	739846	731171	735453	0.59	cps
Silver	109-1	656593	671943	685888	671475	2.18	cps
Sodium	23-2	2818726	2836521	2881337	2845528	1.13	cps
Strontium	86-1	2130475	2095361	2103062	2109632	0.87	cps
Strontium	88-1	17625923	18094315	17970084	17896774	1.36	cps
Sulfur	34-1	557029	554557	556903	556163	0.25	cps
Terbium	159-1	10930051	11254913	10773314	10986093	2.24	cps
Terbium	159-2	5426411	5405334	5570538	5467428	1.64	cps
Thallium	203-1	385139	392206	385078	387474	1.06	cps
Thallium	205-1	925965	913649	918571	919395	0.67	cps
Tin	118-1	457300	456721	461565	458529	0.58	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:41:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	506132	515077	506596	509268	0.99	cps
Uranium	238-1	1146341	1121658	1113574	1127191	1.51	cps
Vanadium	51-2	159656	157207	158656	158506	0.78	cps
Ytterbium	172-1	17	33	42	31	41.66	cps
Ytterbium	172-2	11	11	44	22	86.62	cps
Ytterbium	176-1	3234	2884	2975	3031	5.99	cps
Ytterbium	176-2	5429	6046	6140	5872	6.58	cps
Yttrium	89-1	24675540	25343355	24337833	24785576	2.06	cps
Yttrium	89-2	2718318	2764079	2739592	2740663	0.84	cps
Zinc	66-2	297414	295815	296304	296511	0.28	cps
Zirconium	90-1	1131843	1130915	1119545	1127434	0.61	cps
Zirconium	91-1	246059	244176	246345	245526	0.48	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 10:44:50 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234029	229031	228270	230443	1.36	cps
Antimony	121-1	1282136	1300000	1301589	1294575	0.83	cps
Arsenic	75-2	43223	43097	43070	43130	0.19	cps
Barium	135-1	1599578	1673351	1645066	1639332	2.27	cps
Barium	137-1	2773774	2875114	2882147	2843679	2.13	cps
Beryllium	9-1	374802	371103	372451	372786	0.50	cps
Bismuth	209-1	5368240	5691781	5743633	5601218	3.63	cps
Bismuth	209-2	3756360	3835107	3798976	3796814	1.04	cps
Boron	10-1	36909	39245	40680	38945	4.89	cps
Boron	11-1	175723	184013	187671	182469	3.35	cps
Bromine	81-1	21318	22060	22672	22017	3.08	cps
Cadmium	111-1	328333	319934	323171	323812	1.31	cps
Cadmium	106-1	43369	45585	44598	44518	2.49	cps
Cadmium	108-1	26413	25628	26914	26318	2.46	cps
Calcium	43-1	509724	517163	512680	513189	0.73	cps
Calcium	44-1	8559473	8824375	8898140	8760663	2.03	cps
Carbon	12-1	6572701	6557001	6583169	6570957	0.20	cps
Carbon	12-2	67053	66718	65957	66576	0.84	cps
Chlorine	35-1	810827	787632	781406	793288	1.95	cps
Chlorine	35-2	4634	5034	4426	4698	6.58	cps
Chromium	52-2	488306	482779	485044	485376	0.57	cps
Cobalt	59-2	875812	867719	860526	868019	0.88	cps
Copper	63-2	6671368	6882863	6690898	6748377	1.73	cps
Dysprosium	156-1	117	50	100	89	39.03	cps
Dysprosium	156-2	33	17	20	23	37.78	cps
Erbium	164-1	108	58	75	81	31.60	cps
Erbium	164-2	23	30	50	34	40.30	cps
Gadolinium	160-1	117	50	133	100	44.10	cps
Gadolinium	160-2	67	87	97	83	18.33	cps
Holmium	165-1	9652542	10179314	10721532	10184463	5.25	cps
Holmium	165-2	5463625	5547597	5615351	5542191	1.37	cps
Indium	115-1	9465597	9665603	10045697	9725632	3.03	cps
Indium	115-2	1668589	1675097	1694515	1679400	0.80	cps
Iron	54-2	1065675	1047970	1064804	1059483	0.94	cps
Iron	56-2	19219535	19430050	18929649	19193078	1.31	cps
Iron	57-2	470452	477795	468578	472275	1.03	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:44:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	1003	947	982	3.15	cps
Lead	206-1	4168119	4130860	4173345	4157441	0.56	cps
Lead	207-1	3647342	3598084	3603192	3616206	0.75	cps
Lead	208-1	16607265	16441899	16630776	16559980	0.62	cps
Lithium	6-1	3901987	4023641	4286460	4070696	4.83	cps
Magnesium	24-2	3542047	3542148	3603486	3562561	0.99	cps
Manganese	55-2	2459725	2415109	2425425	2433420	0.96	cps
Molybdenum	94-1	3287672	3288692	3308159	3294841	0.35	cps
Molybdenum	95-1	4082041	3921498	3935096	3979545	2.24	cps
Molybdenum	96-1	4393783	4426345	4354692	4391607	0.82	cps
Molybdenum	97-1	2448559	2387657	2424534	2420250	1.27	cps
Molybdenum	98-1	6350598	6070729	6241487	6220938	2.27	cps
Neodymium	150-1	53	60	67	60	11.12	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	237600	242114	236390	238701	1.26	cps
Phosphorus	31-2	13206	13115	12789	13037	1.68	cps
Potassium	39-2	1397366	1360306	1399628	1385766	1.59	cps
Rhodium	103-1	9354933	9767559	10064705	9729065	3.66	cps
Rhodium	103-2	4852740	4925202	4976765	4918236	1.27	cps
Scandium	45-1	7129521	7709519	7824239	7554426	4.93	cps
Scandium	45-2	262225	260058	259312	260532	0.58	cps
Selenium	82-1	27350	27685	27433	27490	0.63	cps
Selenium	77-2	783	983	837	868	11.93	cps
Selenium	78-2	2987	2961	2924	2957	1.07	cps
Silicon	28-1	1649419	1652145	1706878	1669481	1.94	cps
Silver	107-1	1832008	1912650	1875353	1873337	2.15	cps
Silver	109-1	1732060	1730900	1749791	1737583	0.61	cps
Sodium	23-2	6924666	6628825	6981702	6845064	2.77	cps
Strontium	86-1	5166836	5266510	5430659	5288002	2.52	cps
Strontium	88-1	43479203	44874633	44830899	44394912	1.79	cps
Sulfur	34-1	660247	662327	669894	664156	0.76	cps
Terbium	159-1	10051878	10727947	11006661	10595495	4.63	cps
Terbium	159-2	5362797	5460080	5485719	5436198	1.19	cps
Thallium	203-1	1009865	1004414	1013476	1009251	0.45	cps
Thallium	205-1	2390369	2334582	2431004	2385319	2.03	cps
Tin	118-1	1158071	1167573	1168793	1164812	0.50	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:44:50	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1314244	1279585	1258257	1284029	2.20	cps
Uranium	238-1	2945748	2993395	2964044	2967729	0.81	cps
Vanadium	51-2	388995	383214	386364	386191	0.75	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	172-2	17	33	11	20	56.76	cps
Ytterbium	176-1	5410	5927	5576	5638	4.68	cps
Ytterbium	176-2	6624	7336	7413	7124	6.11	cps
Yttrium	89-1	21534029	23526667	24950305	23337000	7.35	cps
Yttrium	89-2	2631674	2684709	2722946	2679776	1.71	cps
Zinc	66-2	735292	721555	717539	724796	1.28	cps
Zirconium	90-1	2836922	2846963	2840581	2841489	0.18	cps
Zirconium	91-1	622911	619650	608745	617102	1.20	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:47:56	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450880	452459	452904	452081	0.24	cps
Antimony	121-1	2607742	2721709	2623755	2651069	2.33	cps
Arsenic	75-2	84647	84860	84987	84831	0.20	cps
Barium	135-1	3257308	3418148	3321220	3332226	2.43	cps
Barium	137-1	5516690	5835422	5796394	5716169	3.04	cps
Beryllium	9-1	734465	751027	741298	742263	1.12	cps
Bismuth	209-1	5884628	5927098	5775296	5862341	1.34	cps
Bismuth	209-2	3802681	3735860	3743863	3760801	0.97	cps
Boron	10-1	74816	78623	81018	78152	4.00	cps
Boron	11-1	348692	375192	390037	371307	5.64	cps
Bromine	81-1	21559	21027	21238	21275	1.26	cps
Cadmium	111-1	642166	640831	658596	647198	1.53	cps
Cadmium	106-1	79605	81651	83679	81645	2.50	cps
Cadmium	108-1	51341	52860	52144	52115	1.46	cps
Calcium	43-1	1030119	1034696	1042186	1035667	0.59	cps
Calcium	44-1	17158505	17295392	17313020	17255639	0.49	cps
Carbon	12-1	6320099	6644510	6668034	6544214	2.97	cps
Carbon	12-2	66894	65873	66233	66334	0.78	cps
Chlorine	35-1	786017	748921	739834	758257	3.23	cps
Chlorine	35-2	4301	4951	4718	4656	7.07	cps
Chromium	52-2	950037	950562	961352	953984	0.67	cps
Cobalt	59-2	1756534	1739962	1708920	1735139	1.39	cps
Copper	63-2	13393195	13262722	13501601	13385839	0.89	cps
Dysprosium	156-1	208	167	175	183	12.03	cps
Dysprosium	156-2	63	63	53	60	9.62	cps
Erbium	164-1	100	142	133	125	17.64	cps
Erbium	164-2	40	13	47	33	52.92	cps
Gadolinium	160-1	175	167	175	172	2.80	cps
Gadolinium	160-2	160	120	103	128	22.79	cps
Holmium	165-1	10430318	10663398	10644207	10579308	1.22	cps
Holmium	165-2	5556869	5398937	5540596	5498801	1.58	cps
Indium	115-1	9860615	9995711	9869146	9908491	0.76	cps
Indium	115-2	1627121	1601736	1642743	1623867	1.27	cps
Iron	54-2	2148606	2124787	2143276	2138890	0.58	cps
Iron	56-2	37977019	38230874	38047219	38085037	0.34	cps
Iron	57-2	925949	929691	939026	931555	0.72	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:47:56	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	903	877	850	877	3.04	cps
Lead	206-1	8308776	8431661	8684585	8475007	2.26	cps
Lead	207-1	7259553	7290401	7432339	7327431	1.26	cps
Lead	208-1	33049544	34085570	33925674	33686929	1.66	cps
Lithium	6-1	4225309	4280314	4065917	4190514	2.66	cps
Magnesium	24-2	7207412	6878329	6949871	7011871	2.47	cps
Manganese	55-2	4789694	4810438	4783027	4794386	0.30	cps
Molybdenum	94-1	6475462	6455851	6533926	6488413	0.63	cps
Molybdenum	95-1	7884836	7762379	7821795	7823003	0.78	cps
Molybdenum	96-1	8768223	8862962	8762131	8797772	0.64	cps
Molybdenum	97-1	4877415	4844859	4825348	4849207	0.54	cps
Molybdenum	98-1	12588723	12399739	12676863	12555108	1.13	cps
Neodymium	150-1	140	120	160	140	14.29	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	467585	466707	470275	468189	0.40	cps
Phosphorus	31-2	26166	24738	25982	25629	3.03	cps
Potassium	39-2	2657662	2732290	2728416	2706123	1.55	cps
Rhodium	103-1	10071175	9997201	10149000	10072459	0.75	cps
Rhodium	103-2	4853563	4706434	4774468	4778155	1.54	cps
Scandium	45-1	7731119	7900546	7707330	7779665	1.35	cps
Scandium	45-2	255974	257843	257439	257085	0.38	cps
Selenium	82-1	54134	54643	54739	54505	0.60	cps
Selenium	77-2	1810	1583	1733	1709	6.75	cps
Selenium	78-2	5788	5864	5826	5826	0.65	cps
Silicon	28-1	2655509	2756797	2760082	2724129	2.18	cps
Silver	107-1	3598152	3672191	3693234	3654526	1.37	cps
Silver	109-1	3403877	3427100	3452942	3427973	0.72	cps
Sodium	23-2	13778995	13233078	13395425	13469166	2.08	cps
Strontium	86-1	10591950	10425887	10431824	10483220	0.90	cps
Strontium	88-1	89129833	91203431	89905858	90079708	1.16	cps
Sulfur	34-1	845264	854089	850109	849821	0.52	cps
Terbium	159-1	10902436	10976054	11410906	11096465	2.48	cps
Terbium	159-2	5519844	5313653	5472908	5435468	1.99	cps
Thallium	203-1	2090138	2127004	2154163	2123769	1.51	cps
Thallium	205-1	4874503	4958688	5019174	4950789	1.47	cps
Tin	118-1	2276714	2342222	2277483	2298806	1.64	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:47:56	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2571182	2581906	2583253	2578780	0.26	cps
Uranium	238-1	6073086	6170625	6041396	6095036	1.11	cps
Vanadium	51-2	768988	758086	768413	765162	0.80	cps
Ytterbium	172-1	8	67	58	44	70.99	cps
Ytterbium	172-2	22	6	33	20	68.62	cps
Ytterbium	176-1	10413	10438	9971	10274	2.56	cps
Ytterbium	176-2	9342	10021	9481	9615	3.73	cps
Yttrium	89-1	24012742	24073892	24778154	24288263	1.75	cps
Yttrium	89-2	2656094	2610816	2655062	2640657	0.98	cps
Zinc	66-2	1396388	1400893	1411545	1402942	0.55	cps
Zirconium	90-1	5532780	5633379	5802936	5656365	2.41	cps
Zirconium	91-1	1222016	1235125	1256896	1238013	1.42	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 10:50:59 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	911397	919239	905813	912150	0.74	cps
Antimony	121-1	5290213	5264137	5307837	5287396	0.42	cps
Arsenic	75-2	171875	171294	169816	170995	0.62	cps
Barium	135-1	6626692	6617741	6577752	6607395	0.39	cps
Barium	137-1	11169777	11380942	11390738	11313819	1.10	cps
Beryllium	9-1	1516301	1481897	1510145	1502781	1.22	cps
Bismuth	209-1	5695515	5944962	5800352	5813609	2.15	cps
Bismuth	209-2	3852551	3786991	3837610	3825718	0.90	cps
Boron	10-1	153892	159125	165870	159629	3.76	cps
Boron	11-1	724672	762751	782568	756664	3.89	cps
Bromine	81-1	21218	19825	22361	21134	6.01	cps
Cadmium	111-1	1297944	1325294	1307967	1310402	1.06	cps
Cadmium	106-1	156777	158180	162059	159005	1.72	cps
Cadmium	108-1	101349	104706	105555	103870	2.14	cps
Calcium	43-1	2133325	2141883	2182345	2152518	1.22	cps
Calcium	44-1	34382852	34904668	35886691	35058070	2.18	cps
Carbon	12-1	6923190	6848843	7127108	6966381	2.07	cps
Carbon	12-2	70771	70461	71298	70844	0.60	cps
Chlorine	35-1	737024	725006	718672	726901	1.28	cps
Chlorine	35-2	4676	4509	4259	4481	4.68	cps
Chromium	52-2	1994672	2003266	2010026	2002655	0.38	cps
Cobalt	59-2	3498771	3482616	3452619	3478002	0.67	cps
Copper	63-2	26050917	26825538	26584225	26486893	1.50	cps
Dysprosium	156-1	233	217	292	247	15.93	cps
Dysprosium	156-2	90	123	90	101	19.04	cps
Erbium	164-1	75	133	158	122	34.99	cps
Erbium	164-2	47	83	57	62	30.46	cps
Gadolinium	160-1	183	275	275	244	21.65	cps
Gadolinium	160-2	153	163	197	171	13.26	cps
Holmium	165-1	10712018	10784749	10838669	10778479	0.59	cps
Holmium	165-2	5738630	5646346	5634690	5673222	1.00	cps
Indium	115-1	9960132	9622393	10263727	9948751	3.22	cps
Indium	115-2	1646651	1657827	1603522	1636000	1.75	cps
Iron	54-2	4274226	4244628	4288937	4269264	0.53	cps
Iron	56-2	75440652	76558227	74728093	75575657	1.22	cps
Iron	57-2	1947208	1952112	1927929	1942416	0.66	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 10:50:59 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	943	887	959	8.46	cps
Lead	206-1	17183312	17463003	17480927	17375747	0.96	cps
Lead	207-1	14381648	14952327	15084736	14806237	2.52	cps
Lead	208-1	66874232	69302381	68773941	68316851	1.87	cps
Lithium	6-1	4112054	4182929	4071937	4122307	1.36	cps
Magnesium	24-2	13965034	13585319	14045350	13865234	1.77	cps
Manganese	55-2	9547348	9486665	9629217	9554410	0.75	cps
Molybdenum	94-1	13436416	13063806	12785296	13095173	2.49	cps
Molybdenum	95-1	16086825	15862501	15889696	15946340	0.77	cps
Molybdenum	96-1	18026536	17923793	17635089	17861806	1.14	cps
Molybdenum	97-1	9820437	9598102	9736967	9718502	1.16	cps
Molybdenum	98-1	24883297	25223708	25585871	25230959	1.39	cps
Neodymium	150-1	260	247	273	260	5.13	cps
Neodymium	150-2	30	20	17	22	31.22	cps
Nickel	60-2	943614	941589	934456	939886	0.51	cps
Phosphorus	31-2	50982	51475	51952	51470	0.94	cps
Potassium	39-2	5357258	5475451	5224831	5352513	2.34	cps
Rhodium	103-1	9779283	9611857	10252345	9881162	3.36	cps
Rhodium	103-2	4731743	4885103	4698593	4771813	2.09	cps
Scandium	45-1	7810597	7752016	7989568	7850727	1.58	cps
Scandium	45-2	257305	261053	259021	259126	0.72	cps
Selenium	82-1	108755	109033	109445	109078	0.32	cps
Selenium	77-2	3244	3534	3174	3317	5.76	cps
Selenium	78-2	11328	11268	11198	11264	0.58	cps
Silicon	28-1	4725169	4683827	4842744	4750580	1.74	cps
Silver	107-1	7432424	7282692	7386900	7367339	1.04	cps
Silver	109-1	6696928	6920319	6974549	6863932	2.14	cps
Sodium	23-2	26858940	26575782	27005095	26813272	0.81	cps
Strontium	86-1	21529913	21435391	21206161	21390488	0.78	cps
Strontium	88-1	183292350	181063612	185089692	183148551	1.10	cps
Sulfur	34-1	1056767	1057285	1070356	1061469	0.73	cps
Terbium	159-1	11018247	11308186	11252102	11192845	1.37	cps
Terbium	159-2	5520282	5524807	5452561	5499217	0.74	cps
Thallium	203-1	4221477	4415515	4270987	4302660	2.34	cps
Thallium	205-1	9709136	10081187	9900804	9897043	1.88	cps
Tin	118-1	4633949	4607872	4743276	4661699	1.54	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:50:59	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5173229	5233118	5113162	5173170	1.16	cps
Uranium	238-1	12508023	13074231	12119963	12567406	3.82	cps
Vanadium	51-2	1567265	1600279	1572508	1580017	1.12	cps
Ytterbium	172-1	33	33	50	39	24.75	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	18998	19406	19114	19173	1.10	cps
Ytterbium	176-2	14508	14458	14425	14464	0.29	cps
Yttrium	89-1	24124434	24438884	24002857	24188725	0.93	cps
Yttrium	89-2	2698542	2716204	2667879	2694208	0.91	cps
Zinc	66-2	2799864	2828181	2797249	2808431	0.61	cps
Zirconium	90-1	11355861	11356906	10859783	11190850	2.56	cps
Zirconium	91-1	2599274	2559939	2461552	2540255	2.79	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:54:05	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1888777	1830960	1824114	1847950	1.92	cps
Antimony	121-1	10347855	10599923	10569593	10505791	1.31	cps
Arsenic	75-2	339241	334821	334867	336310	0.75	cps
Barium	135-1	13059141	13443108	13525099	13342449	1.86	cps
Barium	137-1	22631575	23579356	23171617	23127516	2.06	cps
Beryllium	9-1	2964937	3028066	3041479	3011494	1.36	cps
Bismuth	209-1	5812567	5769373	5892798	5824913	1.08	cps
Bismuth	209-2	3690760	3746839	3743094	3726898	0.84	cps
Boron	10-1	305171	315876	326522	315856	3.38	cps
Boron	11-1	1381514	1405634	1488222	1425123	3.93	cps
Bromine	81-1	22030	21438	19855	21108	5.33	cps
Cadmium	111-1	2554499	2594841	2588291	2579210	0.84	cps
Cadmium	106-1	305352	312778	305423	307851	1.39	cps
Cadmium	108-1	204282	206667	205270	205406	0.58	cps
Calcium	43-1	4186455	4330016	4313977	4276816	1.84	cps
Calcium	44-1	69058620	71164505	72231855	70818327	2.28	cps
Carbon	12-1	6932040	7098907	7244226	7091724	2.20	cps
Carbon	12-2	74816	74958	74741	74838	0.15	cps
Chlorine	35-1	713230	712401	705106	710246	0.63	cps
Chlorine	35-2	4201	4059	4267	4176	2.55	cps
Chromium	52-2	3974146	3923095	3846231	3914490	1.64	cps
Cobalt	59-2	6812256	6762403	6752624	6775761	0.47	cps
Copper	63-2	52264088	51918951	51775569	51986203	0.48	cps
Dysprosium	156-1	467	317	592	458	30.04	cps
Dysprosium	156-2	293	237	247	259	11.68	cps
Erbium	164-1	108	92	142	114	22.35	cps
Erbium	164-2	63	70	80	71	11.80	cps
Gadolinium	160-1	375	417	500	431	14.78	cps
Gadolinium	160-2	260	297	290	282	6.92	cps
Holmium	165-1	10658840	11106315	11222890	10996015	2.71	cps
Holmium	165-2	5559603	5563390	5621114	5581369	0.62	cps
Indium	115-1	9805195	9782223	10146019	9911145	2.06	cps
Indium	115-2	1542448	1586368	1577061	1568625	1.48	cps
Iron	54-2	8458329	8404015	8163821	8342055	1.88	cps
Iron	56-2	152226726	149210720	149017276	150151574	1.20	cps
Iron	57-2	3812913	3773023	3774177	3786704	0.60	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:54:05	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	953	1023	982	3.72	cps
Lead	206-1	34034472	35201603	34909631	34715236	1.75	cps
Lead	207-1	29809342	30040188	30036769	29962100	0.44	cps
Lead	208-1	135707671	137382987	138402114	137164257	0.99	cps
Lithium	6-1	4294629	4332064	4163762	4263485	2.07	cps
Magnesium	24-2	27409239	27403139	27599265	27470548	0.41	cps
Manganese	55-2	18980566	19063573	18697879	18914006	1.01	cps
Molybdenum	94-1	25731408	26261379	27082779	26358522	2.58	cps
Molybdenum	95-1	31673723	31844155	32493252	32003710	1.35	cps
Molybdenum	96-1	35491246	36178752	36428544	36032847	1.35	cps
Molybdenum	97-1	19166688	19605598	19664947	19479078	1.40	cps
Molybdenum	98-1	49718789	51278386	51214056	50737077	1.74	cps
Neodymium	150-1	687	547	613	616	11.38	cps
Neodymium	150-2	30	40	47	39	21.57	cps
Nickel	60-2	1942832	1864962	1879551	1895782	2.18	cps
Phosphorus	31-2	100431	100691	99298	100140	0.74	cps
Potassium	39-2	10829756	10623965	10597472	10683731	1.19	cps
Rhodium	103-1	9665960	9789741	9922114	9792605	1.31	cps
Rhodium	103-2	4595274	4641254	4780716	4672415	2.07	cps
Scandium	45-1	7845165	7906777	8075460	7942467	1.50	cps
Scandium	45-2	254979	261193	260058	258743	1.28	cps
Selenium	82-1	215151	216773	217624	216516	0.58	cps
Selenium	77-2	6518	6798	6438	6585	2.87	cps
Selenium	78-2	22177	22155	21938	22090	0.60	cps
Silicon	28-1	8647063	8693368	8784571	8708334	0.80	cps
Silver	107-1	14295314	14502739	14089833	14295962	1.44	cps
Silver	109-1	13470519	13535365	13655964	13553950	0.69	cps
Sodium	23-2	53642285	54168147	53083926	53631453	1.01	cps
Strontium	86-1	42080653	42755865	42400578	42412365	0.80	cps
Strontium	88-1	362487241	370474650	366223275	366395055	1.09	cps
Sulfur	34-1	1676921	1701917	1659982	1679607	1.26	cps
Terbium	159-1	11409492	11460807	11364197	11411499	0.42	cps
Terbium	159-2	5445444	5533311	5541888	5506881	0.97	cps
Thallium	203-1	8437236	8580204	8459104	8492182	0.91	cps
Thallium	205-1	19512229	20188872	19875447	19858850	1.71	cps
Tin	118-1	9136882	9381717	9354661	9291086	1.44	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:54:05	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10362187	10465218	10260049	10362485	0.99	cps
Uranium	238-1	24174265	25131245	25002877	24769462	2.10	cps
Vanadium	51-2	3237484	3046582	3101571	3128546	3.14	cps
Ytterbium	172-1	100	67	50	72	35.25	cps
Ytterbium	172-2	17	22	28	22	25.00	cps
Ytterbium	176-1	38632	37730	38532	38298	1.29	cps
Ytterbium	176-2	23427	24195	24105	23909	1.76	cps
Yttrium	89-1	24333607	24984960	24779979	24699515	1.35	cps
Yttrium	89-2	2625514	2621519	2676918	2641317	1.17	cps
Zinc	66-2	5452869	5513005	5421447	5462440	0.85	cps
Zirconium	90-1	22416178	22849206	22838912	22701432	1.09	cps
Zirconium	91-1	4862365	5049210	5078934	4996836	2.35	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:57:08	DataFile Name :	015CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9481984	9606211	9582124	9556773	0.69	cps
Antimony	121-1	5743	6168	6593	6168	6.89	cps
Arsenic	75-2	100	93	100	98	4.14	cps
Barium	135-1	4309	4076	4151	4179	2.85	cps
Barium	137-1	7802	6860	6535	7066	9.32	cps
Beryllium	9-1	368	310	270	316	15.59	cps
Bismuth	209-1	5268484	5474133	5455585	5399401	2.11	cps
Bismuth	209-2	3551204	3510775	3617887	3559955	1.52	cps
Boron	10-1	31828	29486	27893	29736	6.66	cps
Boron	11-1	153663	138481	130344	140829	8.40	cps
Bromine	81-1	22130	22050	22802	22327	1.85	cps
Cadmium	111-1	1174	1151	1055	1127	5.60	cps
Cadmium	106-1	6360	6368	6735	6488	3.30	cps
Cadmium	108-1	279	229	217	242	13.68	cps
Calcium	43-1	19833301	19820049	20349585	20000978	1.51	cps
Calcium	44-1	329844234	342064114	343424813	338444387	2.21	cps
Carbon	12-1	6815598	6859710	7002166	6892491	1.41	cps
Carbon	12-2	84065	82205	82196	82822	1.30	cps
Chlorine	35-1	1005365	1026910	1052432	1028236	2.29	cps
Chlorine	35-2	7519	7627	8036	7727	3.53	cps
Chromium	52-2	9346	9286	8963	9199	2.24	cps
Cobalt	59-2	15335	15178	15205	15239	0.55	cps
Copper	63-2	11535	11225	11235	11331	1.56	cps
Dysprosium	156-1	1617	1809	1817	1747	6.48	cps
Dysprosium	156-2	867	817	820	834	3.35	cps
Erbium	164-1	308	275	292	292	5.72	cps
Erbium	164-2	160	170	177	169	4.97	cps
Gadolinium	160-1	1775	1408	1492	1558	12.34	cps
Gadolinium	160-2	987	1037	903	976	6.90	cps
Holmium	165-1	10764925	10952152	10672768	10796615	1.32	cps
Holmium	165-2	5775389	5572626	5700800	5682938	1.80	cps
Indium	115-1	9840112	9802363	9631228	9757901	1.14	cps
Indium	115-2	1689402	1659584	1683094	1677360	0.94	cps
Iron	54-2	39577969	39600012	40210430	39796137	0.90	cps
Iron	56-2	731281839	722540194	720704749	724842261	0.78	cps
Iron	57-2	18188548	18595461	18186727	18323579	1.29	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:57:08	DataFile Name :	015CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	977	887	961	7.08	cps
Lead	206-1	16778	16349	16127	16418	2.01	cps
Lead	207-1	14792	14180	14397	14456	2.15	cps
Lead	208-1	66907	66146	65661	66238	0.95	cps
Lithium	6-1	4085470	4121841	4130177	4112496	0.58	cps
Magnesium	24-2	134743099	135094820	135819653	135219191	0.41	cps
Manganese	55-2	26261	25162	26014	25812	2.23	cps
Molybdenum	94-1	9028	8653	7936	8539	6.50	cps
Molybdenum	95-1	8128	7194	6627	7316	10.36	cps
Molybdenum	96-1	22569	22961	21676	22402	2.94	cps
Molybdenum	97-1	5184	4351	4117	4551	12.33	cps
Molybdenum	98-1	12639	10921	9795	11119	12.88	cps
Neodymium	150-1	107	100	100	102	3.77	cps
Neodymium	150-2	37	33	43	38	13.48	cps
Nickel	60-2	5084	5221	4988	5098	2.30	cps
Phosphorus	31-2	233	150	200	194	21.57	cps
Potassium	39-2	54901039	54329414	54363614	54531355	0.59	cps
Rhodium	103-1	9175748	9423139	9347983	9315623	1.36	cps
Rhodium	103-2	4665915	4517002	4572888	4585268	1.64	cps
Scandium	45-1	8031518	8037412	8011827	8026919	0.17	cps
Scandium	45-2	270353	271311	274417	272027	0.78	cps
Selenium	82-1	173	252	335	253	31.85	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	76	86	97	86	12.17	cps
Silicon	28-1	1345528	1480585	1477649	1434587	5.38	cps
Silver	107-1	3317	3125	2634	3025	11.65	cps
Silver	109-1	3075	2575	2617	2756	10.07	cps
Sodium	23-2	264398623	262239964	265605289	264081292	0.65	cps
Strontium	86-1	27870	26810	26267	26982	3.02	cps
Strontium	88-1	220814	216919	207095	214943	3.29	cps
Sulfur	34-1	420556	418513	417186	418752	0.41	cps
Terbium	159-1	11225647	11059463	10977269	11087460	1.14	cps
Terbium	159-2	5642839	5603714	5559972	5602175	0.74	cps
Thallium	203-1	1659	1492	1325	1492	11.17	cps
Thallium	205-1	4334	4209	3184	3909	16.15	cps
Tin	118-1	3942	3509	3317	3589	8.92	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 10:57:08	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1959	1625	1650	1745	10.64	cps
Uranium	238-1	2909	2300	1667	2292	27.10	cps
Vanadium	51-2	473	443	660	526	22.34	cps
Ytterbium	172-1	208	150	167	175	17.17	cps
Ytterbium	172-2	72	67	78	72	7.69	cps
Ytterbium	176-1	1800	1592	1442	1611	11.17	cps
Ytterbium	176-2	4984	5112	5568	5221	5.88	cps
Yttrium	89-1	24268542	25082177	24713532	24688084	1.65	cps
Yttrium	89-2	2926547	2859695	2846761	2877668	1.49	cps
Zinc	66-2	8903	9227	8984	9038	1.87	cps
Zirconium	90-1	10638	10463	9904	10335	3.71	cps
Zirconium	91-1	2425	2300	2142	2289	6.20	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:03:45	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49725	49450	49204	49460	0.53	cps
Antimony	121-1	2163979	2080854	2090569	2111801	2.15	cps
Arsenic	75-2	74283	73379	73554	73738	0.65	cps
Barium	135-1	263574	264885	265205	264555	0.33	cps
Barium	137-1	450874	459597	449732	453401	1.19	cps
Beryllium	9-1	307810	308278	307434	307841	0.14	cps
Bismuth	209-1	5947660	5990286	5712342	5883429	2.54	cps
Bismuth	209-2	4005413	4100205	4073516	4059711	1.20	cps
Boron	10-1	642	616	612	623	2.61	cps
Boron	11-1	3022	2922	2808	2917	3.67	cps
Bromine	81-1	23343	23634	23263	23414	0.83	cps
Cadmium	111-1	266348	274974	265364	268895	1.97	cps
Cadmium	106-1	32222	32406	31820	32149	0.93	cps
Cadmium	108-1	18967	19426	19543	19312	1.58	cps
Calcium	43-1	79543	81971	82925	81480	2.14	cps
Calcium	44-1	1481798	1451570	1438713	1457360	1.52	cps
Carbon	12-1	5702015	5738392	5654389	5698266	0.74	cps
Carbon	12-2	59438	59831	57806	59025	1.82	cps
Chlorine	35-1	818391	797149	791437	802326	1.77	cps
Chlorine	35-2	5660	5343	5226	5409	4.15	cps
Chromium	52-2	410123	407460	416637	411407	1.15	cps
Cobalt	59-2	737025	729592	740481	735700	0.76	cps
Copper	63-2	554574	547666	559911	554051	1.11	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	50	37	10	32	63.21	cps
Gadolinium	160-1	108	83	33	75	50.92	cps
Gadolinium	160-2	60	107	107	91	29.57	cps
Holmium	165-1	10736039	10988780	10413189	10712669	2.69	cps
Holmium	165-2	5829732	5758136	5921554	5836474	1.40	cps
Indium	115-1	10482253	10423654	10497373	10467760	0.37	cps
Indium	115-2	1824938	1773590	1820031	1806186	1.57	cps
Iron	54-2	353832	354098	357526	355152	0.58	cps
Iron	56-2	6277750	6264602	6276849	6273067	0.12	cps
Iron	57-2	153349	154113	152485	153315	0.53	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:03:45	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	857	990	980	942	7.88	cps
Lead	206-1	1290985	1295411	1307969	1298122	0.68	cps
Lead	207-1	1071892	1104567	1070682	1082380	1.78	cps
Lead	208-1	5158465	5334889	5091925	5195093	2.42	cps
Lithium	6-1	4263131	4277184	4464413	4334909	2.59	cps
Magnesium	24-2	339001	333229	336646	336292	0.86	cps
Manganese	55-2	197388	199932	197035	198118	0.80	cps
Molybdenum	94-1	1217	1250	1333	1267	4.74	cps
Molybdenum	95-1	867	617	1033	839	25.00	cps
Molybdenum	96-1	1483	1275	1492	1417	8.67	cps
Molybdenum	97-1	617	475	517	536	13.58	cps
Molybdenum	98-1	1467	1533	1508	1503	2.24	cps
Neodymium	150-1	47	13	13	24	78.75	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	229708	228196	227367	228424	0.52	cps
Phosphorus	31-2	142	133	167	147	11.78	cps
Potassium	39-2	466113	463070	462578	463920	0.41	cps
Rhodium	103-1	10813912	10600599	10633376	10682629	1.08	cps
Rhodium	103-2	5176385	5290643	5224202	5230410	1.10	cps
Scandium	45-1	8164960	8439184	8267975	8290706	1.67	cps
Scandium	45-2	284875	288136	287364	286791	0.59	cps
Selenium	82-1	47562	47738	47600	47633	0.19	cps
Selenium	77-2	1553	1513	1510	1526	1.58	cps
Selenium	78-2	5215	5191	5180	5195	0.33	cps
Silicon	28-1	613227	636678	633426	627777	2.02	cps
Silver	107-1	721335	735350	730477	729054	0.98	cps
Silver	109-1	693081	678678	693987	688582	1.25	cps
Sodium	23-2	1171080	1160952	1140080	1157371	1.37	cps
Strontium	86-1	21170913	21678917	21448410	21432747	1.19	cps
Strontium	88-1	180068233	182007308	180042354	180705965	0.62	cps
Sulfur	34-1	508444	502655	499278	503459	0.92	cps
Terbium	159-1	11429692	11714263	11136979	11426978	2.53	cps
Terbium	159-2	5763279	5673679	5643021	5693326	1.10	cps
Thallium	203-1	1706804	1728725	1773299	1736276	1.95	cps
Thallium	205-1	3939883	4115457	4070740	4042027	2.26	cps
Tin	118-1	2200	1925	2100	2075	6.71	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICV53	Instrumnet Name :	P8
Client Sample ID :	ICV53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:03:45	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	575	525	392	497	19.06	cps
Uranium	238-1	11589880	12012304	11559480	11720555	2.16	cps
Vanadium	51-2	324216	324001	322782	323666	0.24	cps
Ytterbium	172-1	17	25	25	22	21.64	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	1042	1225	1133	1133	8.09	cps
Ytterbium	176-2	5735	5963	6046	5914	2.72	cps
Yttrium	89-1	25834430	25940876	24901785	25559030	2.24	cps
Yttrium	89-2	2894786	2868168	2918923	2893959	0.88	cps
Zinc	66-2	116221	119240	117986	117816	1.29	cps
Zirconium	90-1	2617	2392	2300	2436	6.69	cps
Zirconium	91-1	575	658	675	636	8.42	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:10:39	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2195	2062	2150	2136	3.15	cps
Antimony	121-1	19356	18738	18672	18922	1.99	cps
Arsenic	75-2	368	350	348	355	3.10	cps
Barium	135-1	23438	23154	24239	23610	2.38	cps
Barium	137-1	42267	41665	41214	41715	1.27	cps
Beryllium	9-1	2984	2670	2776	2810	5.69	cps
Bismuth	209-1	5129444	5624861	5750278	5501528	5.97	cps
Bismuth	209-2	3910286	3839897	3845435	3865206	1.01	cps
Boron	10-1	6778	7584	7733	7365	6.97	cps
Boron	11-1	32133	35618	35337	34363	5.64	cps
Bromine	81-1	22401	23544	22942	22962	2.49	cps
Cadmium	111-1	2832	3013	2965	2937	3.19	cps
Cadmium	106-1	5551	5993	6118	5888	5.06	cps
Cadmium	108-1	271	213	246	243	12.04	cps
Calcium	43-1	19589	19928	19544	19687	1.07	cps
Calcium	44-1	366572	365988	367027	366529	0.14	cps
Carbon	12-1	5958001	6028965	6067887	6018284	0.93	cps
Carbon	12-2	63504	61865	63019	62796	1.34	cps
Chlorine	35-1	892023	825677	822604	846768	4.63	cps
Chlorine	35-2	5493	4884	5601	5326	7.26	cps
Chromium	52-2	8890	9053	8903	8948	1.01	cps
Cobalt	59-2	7335	6922	6962	7073	3.22	cps
Copper	63-2	10928	10768	10451	10715	2.27	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	25	125	64	83.86	cps
Erbium	164-2	50	43	33	42	19.87	cps
Gadolinium	160-1	67	92	83	81	15.80	cps
Gadolinium	160-2	93	97	70	87	16.77	cps
Holmium	165-1	9540869	10117598	9967904	9875457	3.03	cps
Holmium	165-2	5599133	5513498	5507014	5539882	0.93	cps
Indium	115-1	9027915	9918655	10242883	9729818	6.47	cps
Indium	115-2	1758247	1743497	1689549	1730431	2.09	cps
Iron	54-2	9592	9325	9565	9494	1.55	cps
Iron	56-2	156297	157209	157304	156936	0.35	cps
Iron	57-2	3878	4301	3889	4023	5.98	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:10:39	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	840	963	997	933	8.84	cps
Lead	206-1	7324	7124	7458	7302	2.30	cps
Lead	207-1	6163	6179	6252	6198	0.76	cps
Lead	208-1	29036	29153	28435	28874	1.33	cps
Lithium	6-1	3949949	4170252	4071426	4063876	2.72	cps
Magnesium	24-2	138547	135695	136604	136949	1.06	cps
Manganese	55-2	2140	2140	1947	2076	5.38	cps
Molybdenum	94-1	24455	24940	24230	24542	1.48	cps
Molybdenum	95-1	29323	30000	29966	29763	1.28	cps
Molybdenum	96-1	33850	33876	32121	33282	3.02	cps
Molybdenum	97-1	18580	18329	17637	18182	2.69	cps
Molybdenum	98-1	46746	46496	45040	46094	2.00	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2334	2237	2344	2305	2.56	cps
Phosphorus	31-2	167	275	133	192	38.64	cps
Potassium	39-2	128033	124214	126419	126222	1.52	cps
Rhodium	103-1	9353854	10018852	9952905	9775204	3.75	cps
Rhodium	103-2	5047266	4971462	5121986	5046905	1.49	cps
Scandium	45-1	7593719	8037440	8262599	7964586	4.27	cps
Scandium	45-2	277669	277479	278463	277870	0.19	cps
Selenium	82-1	1135	979	1081	1065	7.44	cps
Selenium	77-2	37	47	53	46	18.41	cps
Selenium	78-2	219	170	182	190	13.42	cps
Silicon	28-1	696404	692750	693984	694379	0.27	cps
Silver	107-1	13791	14032	13691	13838	1.27	cps
Silver	109-1	12681	12564	12640	12628	0.47	cps
Sodium	23-2	296626	288981	289413	291673	1.47	cps
Strontium	86-1	6076	6068	6318	6154	2.31	cps
Strontium	88-1	38546	39699	39080	39108	1.48	cps
Sulfur	34-1	491730	493531	498586	494616	0.72	cps
Terbium	159-1	10483902	10754439	10796742	10678361	1.59	cps
Terbium	159-2	5567509	5589115	5475481	5544035	1.09	cps
Thallium	203-1	8461	7619	7411	7830	7.10	cps
Thallium	205-1	18747	18647	18172	18522	1.66	cps
Tin	118-1	45276	42910	44038	44075	2.69	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:10:39	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9979	10121	9670	9923	2.32	cps
Uranium	238-1	20417	20292	19774	20161	1.69	cps
Vanadium	51-2	15879	15382	15715	15659	1.62	cps
Ytterbium	172-1	25	0	42	22	94.38	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	917	1108	1417	1147	21.99	cps
Ytterbium	176-2	5173	5674	5668	5505	5.22	cps
Yttrium	89-1	22550076	24627910	24761903	23979963	5.17	cps
Yttrium	89-2	2780409	2786152	2788349	2784970	0.15	cps
Zinc	66-2	2067	1946	1815	1943	6.47	cps
Zirconium	90-1	21384	22018	21534	21645	1.53	cps
Zirconium	91-1	4851	4668	4634	4718	2.47	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : ICB53 Instrumnet Name : P8
 Client Sample ID : ICB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:14:13 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	152	127	143	9.43	cps
Antimony	121-1	217	208	233	219	5.80	cps
Arsenic	75-2	16	5	4	8	79.90	cps
Barium	135-1	8	17	42	22	78.07	cps
Barium	137-1	33	25	25	28	17.31	cps
Beryllium	9-1	48	46	52	49	6.28	cps
Bismuth	209-1	6008209	5877475	5793628	5893104	1.84	cps
Bismuth	209-2	3868399	4033305	3965892	3955865	2.10	cps
Boron	10-1	1106	1100	996	1067	5.80	cps
Boron	11-1	4948	4886	4644	4826	3.33	cps
Bromine	81-1	23233	22451	24597	23427	4.64	cps
Cadmium	111-1	622	581	594	599	3.45	cps
Cadmium	106-1	5893	6160	5893	5982	2.57	cps
Cadmium	108-1	25	79	29	44	67.82	cps
Calcium	43-1	404	445	397	415	6.29	cps
Calcium	44-1	39325	38965	39336	39209	0.54	cps
Carbon	12-1	4897470	4965066	4969865	4944134	0.82	cps
Carbon	12-2	50663	49827	49719	50069	1.03	cps
Chlorine	35-1	673795	653186	620588	649189	4.13	cps
Chlorine	35-2	4276	3926	3826	4009	5.90	cps
Chromium	52-2	1027	870	983	960	8.43	cps
Cobalt	59-2	77	77	103	86	17.99	cps
Copper	63-2	897	787	903	862	7.60	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	47	27	20	31	44.61	cps
Gadolinium	160-1	92	83	100	92	9.09	cps
Gadolinium	160-2	97	80	70	82	16.39	cps
Holmium	165-1	10540003	10514536	10157319	10403953	2.06	cps
Holmium	165-2	5742213	5688554	5948190	5792986	2.37	cps
Indium	115-1	10589814	10483823	10268886	10447508	1.57	cps
Indium	115-2	1820776	1808253	1753296	1794108	2.00	cps
Iron	54-2	694	739	778	737	5.66	cps
Iron	56-2	5379	5257	5179	5271	1.91	cps
Iron	57-2	206	144	194	181	17.94	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICB53	Instrumnet Name :	P8
Client Sample ID :	ICB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:14:13	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	977	1027	978	4.94	cps
Lead	206-1	1072	1206	1450	1243	15.43	cps
Lead	207-1	895	961	1056	970	8.34	cps
Lead	208-1	4406	4473	4895	4591	5.78	cps
Lithium	6-1	4385066	4196169	4292991	4291409	2.20	cps
Magnesium	24-2	367	342	392	367	6.82	cps
Manganese	55-2	137	120	133	130	6.79	cps
Molybdenum	94-1	400	492	350	414	17.36	cps
Molybdenum	95-1	58	42	67	56	22.91	cps
Molybdenum	96-1	242	208	233	228	7.62	cps
Molybdenum	97-1	58	75	50	61	20.83	cps
Molybdenum	98-1	100	92	75	89	14.32	cps
Neodymium	150-1	33	7	20	20	66.65	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	307	277	323	302	7.83	cps
Phosphorus	31-2	142	125	167	144	14.52	cps
Potassium	39-2	20557	20348	21041	20649	1.72	cps
Rhodium	103-1	10563543	10573351	10470690	10535861	0.54	cps
Rhodium	103-2	5384405	5287072	5159669	5277049	2.14	cps
Scandium	45-1	8034100	8224902	8283960	8180987	1.60	cps
Scandium	45-2	287903	282569	285584	285352	0.94	cps
Selenium	82-1	-3	-53	-121	-59	-100.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	82	72	80	9.51	cps
Silicon	28-1	550113	551544	554112	551923	0.37	cps
Silver	107-1	400	458	467	442	8.22	cps
Silver	109-1	300	317	325	314	4.06	cps
Sodium	23-2	20991	20540	21057	20863	1.35	cps
Strontium	86-1	1633	1917	1625	1725	9.63	cps
Strontium	88-1	1383	1692	1300	1458	14.15	cps
Sulfur	34-1	492691	487660	496461	492271	0.90	cps
Terbium	159-1	11202202	11303871	11151359	11219144	0.69	cps
Terbium	159-2	5720249	5683022	5795616	5732962	1.00	cps
Thallium	203-1	358	392	350	367	6.01	cps
Thallium	205-1	917	992	867	925	6.80	cps
Tin	118-1	1650	1592	1525	1589	3.94	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICB53	Instrumnet Name :	P8
Client Sample ID :	ICB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:14:13	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	292	233	272	12.37	cps
Uranium	238-1	67	33	75	58	37.80	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Ytterbium	172-1	33	25	33	31	15.74	cps
Ytterbium	172-2	17	11	17	15	21.67	cps
Ytterbium	176-1	1317	1367	1225	1303	5.52	cps
Ytterbium	176-2	5096	5523	5312	5310	4.03	cps
Yttrium	89-1	25097126	25989756	24664061	25250315	2.68	cps
Yttrium	89-2	2976420	2880953	2927396	2928256	1.63	cps
Zinc	66-2	576	653	676	635	8.23	cps
Zirconium	90-1	1083	1025	1233	1114	9.65	cps
Zirconium	91-1	208	233	217	219	5.80	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : ICSA53 Instrumnet Name : P8
 Client Sample ID : ICSA53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:17:16 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8745468	8898275	8964820	8869521	1.27	cps
Antimony	121-1	11247	11430	11572	11416	1.43	cps
Arsenic	75-2	110	97	117	108	9.40	cps
Barium	135-1	3984	3417	3692	3698	7.67	cps
Barium	137-1	6552	6885	6752	6730	2.49	cps
Beryllium	9-1	894	836	794	841	5.97	cps
Bismuth	209-1	5563921	5691625	5650718	5635421	1.16	cps
Bismuth	209-2	3842321	3694407	3670595	3735774	2.49	cps
Boron	10-1	960	1022	958	980	3.71	cps
Boron	11-1	4582	4518	4190	4430	4.75	cps
Bromine	81-1	24256	23825	23905	23995	0.96	cps
Cadmium	111-1	2069	1498	1673	1747	16.74	cps
Cadmium	106-1	6418	5410	5885	5904	8.55	cps
Cadmium	108-1	2242	2329	2017	2196	7.34	cps
Calcium	43-1	3999308	4038673	4024957	4020979	0.50	cps
Calcium	44-1	67755575	68081218	68764906	68200566	0.76	cps
Carbon	12-1	35657288	35153110	34965537	35258645	1.01	cps
Carbon	12-2	365749	369472	371075	368765	0.74	cps
Chlorine	35-1	20870380	27015871	30825520	26237257	19.14	cps
Chlorine	35-2	252646	268960	282898	268168	5.65	cps
Chromium	52-2	76450	77609	75706	76588	1.25	cps
Cobalt	59-2	7435	7749	7902	7695	3.09	cps
Copper	63-2	38435	39168	39191	38931	1.10	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	7	20	10	12	56.76	cps
Erbium	164-1	117	133	100	117	14.29	cps
Erbium	164-2	67	27	43	46	44.10	cps
Gadolinium	160-1	175	150	133	153	13.73	cps
Gadolinium	160-2	97	113	90	100	12.02	cps
Holmium	165-1	10409011	11138185	10363466	10636887	4.09	cps
Holmium	165-2	5899444	5786767	5584558	5756923	2.77	cps
Indium	115-1	10102035	9908183	9895911	9968710	1.16	cps
Indium	115-2	1701215	1664263	1649730	1671736	1.59	cps
Iron	54-2	15933534	16173297	16350725	16152519	1.30	cps
Iron	56-2	297276373	298916962	290397495	295530277	1.53	cps
Iron	57-2	7262526	7343021	7311096	7305548	0.55	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:17:16	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	853	847	874	4.86	cps
Lead	206-1	29155	29595	29980	29577	1.39	cps
Lead	207-1	23616	24067	24368	24017	1.57	cps
Lead	208-1	111081	114572	114185	113279	1.69	cps
Lithium	6-1	4210369	4039177	4092304	4113950	2.13	cps
Magnesium	24-2	25778281	26174690	26117329	26023433	0.82	cps
Manganese	55-2	14110	14200	13980	14097	0.79	cps
Molybdenum	94-1	6792587	7015660	6853760	6887335	1.67	cps
Molybdenum	95-1	11800260	12035620	11927985	11921289	0.99	cps
Molybdenum	96-1	12787051	12586281	12815612	12729648	0.98	cps
Molybdenum	97-1	7226146	7250379	7319524	7265349	0.67	cps
Molybdenum	98-1	18688285	19176663	19268654	19044534	1.64	cps
Neodymium	150-1	40	53	47	47	14.28	cps
Neodymium	150-2	30	20	23	24	20.83	cps
Nickel	60-2	11438	11558	11271	11422	1.26	cps
Phosphorus	31-2	489035	493989	490994	491339	0.51	cps
Potassium	39-2	20392822	20785404	20674093	20617440	0.98	cps
Rhodium	103-1	9519381	9706781	9681604	9635922	1.06	cps
Rhodium	103-2	4826766	4810786	4697875	4778476	1.47	cps
Scandium	45-1	8047644	7975505	8137746	8053632	1.01	cps
Scandium	45-2	275066	268825	265791	269894	1.75	cps
Selenium	82-1	56	64	142	87	54.40	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	63	62	60	62	2.48	cps
Silicon	28-1	756938	749581	744766	750429	0.82	cps
Silver	107-1	958	667	892	839	18.22	cps
Silver	109-1	817	650	525	664	22.04	cps
Sodium	23-2	53126245	54208282	53585666	53640064	1.01	cps
Strontium	86-1	145747	148257	145452	146486	1.05	cps
Strontium	88-1	1209560	1220149	1244270	1224660	1.45	cps
Sulfur	34-1	5819293	6088658	5986219	5964724	2.28	cps
Terbium	159-1	11648369	11437379	11373444	11486398	1.25	cps
Terbium	159-2	5734793	5534607	5568129	5612510	1.91	cps
Thallium	203-1	742	767	767	758	1.90	cps
Thallium	205-1	1425	1725	1784	1645	11.69	cps
Tin	118-1	3034	3292	3367	3231	5.41	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSA53	Instrumnet Name :	P8
Client Sample ID :	ICSA53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:17:16	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4023776	4035256	3991315	4016782	0.57	cps
Uranium	238-1	367	425	500	431	15.52	cps
Vanadium	51-2	430	440	403	424	4.47	cps
Ytterbium	172-1	33	58	50	47	26.97	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	1325	1208	1200	1245	5.62	cps
Ytterbium	176-2	4990	4768	5490	5083	7.28	cps
Yttrium	89-1	24670639	24647597	24360366	24559534	0.70	cps
Yttrium	89-2	2850973	2797322	2698525	2782273	2.78	cps
Zinc	66-2	6724	6343	6272	6446	3.78	cps
Zirconium	90-1	1358	1325	1400	1361	2.76	cps
Zirconium	91-1	258	292	292	281	6.86	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : ICSAB53 Instrumnet Name : P8
 Client Sample ID : ICSAB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:20:09 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9062405	8978847	8978673	9006642	0.54	cps
Antimony	121-1	215227	222871	218848	218982	1.75	cps
Arsenic	75-2	7050	7004	7009	7021	0.36	cps
Barium	135-1	56402	55071	55715	55730	1.19	cps
Barium	137-1	95487	97359	97644	96830	1.21	cps
Beryllium	9-1	57325	56892	56910	57043	0.43	cps
Bismuth	209-1	5685175	5928349	5522134	5711886	3.58	cps
Bismuth	209-2	3739664	3662317	3839601	3747194	2.37	cps
Boron	10-1	782	826	836	815	3.53	cps
Boron	11-1	3874	4004	3964	3947	1.69	cps
Bromine	81-1	24898	25780	25710	25463	1.93	cps
Cadmium	111-1	50155	51419	52869	51481	2.64	cps
Cadmium	106-1	10738	11088	10946	10924	1.61	cps
Cadmium	108-1	5643	5835	5918	5799	2.43	cps
Calcium	43-1	4128488	4199671	4079049	4135736	1.47	cps
Calcium	44-1	69178174	70282437	69025746	69495453	0.99	cps
Carbon	12-1	34823572	35447131	36395463	35555389	2.23	cps
Carbon	12-2	371313	379171	383707	378064	1.66	cps
Chlorine	35-1	36280805	41504461	44599186	40794818	10.31	cps
Chlorine	35-2	340267	350303	363888	351486	3.37	cps
Chromium	52-2	151799	153527	153366	152897	0.62	cps
Cobalt	59-2	144240	142533	142920	143231	0.62	cps
Copper	63-2	136961	141757	140509	139742	1.78	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	23	20	7	17	52.90	cps
Erbium	164-1	100	117	175	131	30.17	cps
Erbium	164-2	80	53	70	68	19.88	cps
Gadolinium	160-1	125	83	125	111	21.65	cps
Gadolinium	160-2	100	97	107	101	5.04	cps
Holmium	165-1	11225802	11544492	10784894	11185063	3.41	cps
Holmium	165-2	5671966	5567213	5830231	5689803	2.33	cps
Indium	115-1	10105115	10647751	10174866	10309244	2.86	cps
Indium	115-2	1660203	1662691	1719332	1680742	1.99	cps
Iron	54-2	16409393	16404991	16182165	16332183	0.80	cps
Iron	56-2	301165229	298743740	298360473	299423147	0.51	cps
Iron	57-2	7470184	7558465	7335852	7454834	1.50	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : ICSAB53 Instrumnet Name : P8
 Client Sample ID : ICSAB53 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:20:09 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	947	937	924	3.27	cps
Lead	206-1	156708	158841	160026	158525	1.06	cps
Lead	207-1	131563	132455	134598	132872	1.17	cps
Lead	208-1	609632	611143	620867	613881	0.99	cps
Lithium	6-1	4055463	4137595	4062130	4085063	1.12	cps
Magnesium	24-2	26670906	26669426	26276092	26538808	0.86	cps
Manganese	55-2	51529	51225	50713	51156	0.81	cps
Molybdenum	94-1	7004254	6991095	6908783	6968044	0.74	cps
Molybdenum	95-1	12199787	12129158	12066279	12131741	0.55	cps
Molybdenum	96-1	13219565	12972171	13238697	13143478	1.13	cps
Molybdenum	97-1	7356641	7462471	7565068	7461393	1.40	cps
Molybdenum	98-1	19036883	19267387	19708268	19337512	1.76	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	23	23	17	21	18.21	cps
Nickel	60-2	47549	47298	46773	47207	0.84	cps
Phosphorus	31-2	509561	494858	506457	503625	1.54	cps
Potassium	39-2	21201400	21060600	21356389	21206130	0.70	cps
Rhodium	103-1	9805247	10451367	9903646	10053420	3.46	cps
Rhodium	103-2	4793931	4754497	4879747	4809392	1.33	cps
Scandium	45-1	8079320	8526494	8086913	8230909	3.11	cps
Scandium	45-2	271627	267624	273603	270951	1.12	cps
Selenium	82-1	4253	4269	4306	4276	0.63	cps
Selenium	77-2	123	180	123	142	23.00	cps
Selenium	78-2	487	555	481	508	8.10	cps
Silicon	28-1	789972	804413	811575	801987	1.37	cps
Silver	107-1	260468	270159	272328	267652	2.36	cps
Silver	109-1	259190	258803	256523	258172	0.56	cps
Sodium	23-2	53691189	54994387	54816939	54500838	1.30	cps
Strontium	86-1	145807	149691	148205	147901	1.33	cps
Strontium	88-1	1250709	1257686	1293140	1267178	1.80	cps
Sulfur	34-1	6151801	6182053	6110741	6148198	0.58	cps
Terbium	159-1	11460916	11969278	11388984	11606393	2.73	cps
Terbium	159-2	5554589	5524880	5743534	5607668	2.11	cps
Thallium	203-1	161625	163249	167548	164141	1.86	cps
Thallium	205-1	382918	385287	384243	384149	0.31	cps
Tin	118-1	3584	3401	3342	3442	3.66	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	ICSAB53	Instrumnet Name :	P8
Client Sample ID :	ICSAB53	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:20:09	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4173276	4135042	4137736	4148685	0.51	cps
Uranium	238-1	433	517	567	506	13.32	cps
Vanadium	51-2	62144	62077	61384	61869	0.68	cps
Ytterbium	172-1	25	42	17	28	45.82	cps
Ytterbium	172-2	33	17	6	19	75.47	cps
Ytterbium	176-1	1308	1342	1367	1339	2.19	cps
Ytterbium	176-2	4684	4995	5173	4951	5.00	cps
Yttrium	89-1	25404440	26038472	25203047	25548653	1.71	cps
Yttrium	89-2	2713640	2768773	2870183	2784199	2.85	cps
Zinc	66-2	16346	16328	16883	16519	1.91	cps
Zirconium	90-1	1558	1558	1567	1561	0.31	cps
Zirconium	91-1	350	300	350	333	8.66	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : CCV11 Instrumnet Name : P8
 Client Sample ID : CCV11 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:30:50 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4686443	4639439	4756916	4694266	1.26	cps
Antimony	121-1	5050799	4998664	4933910	4994457	1.17	cps
Arsenic	75-2	176935	177039	175695	176556	0.42	cps
Barium	135-1	6282609	6421185	6481619	6395138	1.60	cps
Barium	137-1	10621933	11028675	10884458	10845022	1.90	cps
Beryllium	9-1	1425825	1435943	1410812	1424193	0.89	cps
Bismuth	209-1	5434653	5411219	5526747	5457539	1.12	cps
Bismuth	209-2	3639530	3593938	3612821	3615430	0.63	cps
Boron	10-1	143873	152585	152793	149751	3.40	cps
Boron	11-1	693987	719263	738950	717400	3.14	cps
Bromine	81-1	23945	23384	23524	23618	1.24	cps
Cadmium	111-1	1303019	1300671	1341023	1314904	1.72	cps
Cadmium	106-1	155185	160734	158615	158178	1.77	cps
Cadmium	108-1	104681	106759	105383	105608	1.00	cps
Calcium	43-1	10133401	10449824	10600083	10394436	2.29	cps
Calcium	44-1	168787239	176260989	177378769	174142332	2.68	cps
Carbon	12-1	6548631	6666643	6815346	6676874	2.00	cps
Carbon	12-2	77882	78736	77463	78027	0.83	cps
Chlorine	35-1	2600553	2540664	2475541	2538919	2.46	cps
Chlorine	35-2	16568	15751	15726	16015	2.99	cps
Chromium	52-2	1965798	1950892	2036881	1984524	2.32	cps
Cobalt	59-2	3409886	3396258	3400850	3402331	0.20	cps
Copper	63-2	25812020	25999155	25761475	25857550	0.48	cps
Dysprosium	156-1	917	850	1008	925	8.59	cps
Dysprosium	156-2	437	470	403	437	7.63	cps
Erbium	164-1	192	183	258	211	19.47	cps
Erbium	164-2	113	77	117	102	21.71	cps
Gadolinium	160-1	883	808	808	833	5.20	cps
Gadolinium	160-2	557	603	500	553	9.35	cps
Holmium	165-1	10727592	10501169	10727845	10652202	1.23	cps
Holmium	165-2	5701207	5648378	5635392	5661659	0.62	cps
Indium	115-1	9846365	9719911	9878974	9815083	0.86	cps
Indium	115-2	1664461	1696478	1701069	1687336	1.18	cps
Iron	54-2	20334173	20138303	20131724	20201400	0.57	cps
Iron	56-2	369582875	368419886	363759097	367253953	0.84	cps
Iron	57-2	9171957	9123241	9141999	9145732	0.27	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:30:50	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	940	1033	981	4.86	cps
Lead	206-1	15251746	15368511	15711393	15443883	1.55	cps
Lead	207-1	13165841	13583167	13689208	13479405	2.05	cps
Lead	208-1	60787749	61945209	63758908	62163956	2.41	cps
Lithium	6-1	4032739	3931879	4077259	4013959	1.86	cps
Magnesium	24-2	70689039	68704231	70369145	69920805	1.52	cps
Manganese	55-2	10108536	10016018	10032149	10052234	0.49	cps
Molybdenum	94-1	12871543	12756286	12994620	12874150	0.93	cps
Molybdenum	95-1	15466083	15435892	15549971	15483982	0.38	cps
Molybdenum	96-1	17455525	17186180	17728224	17456643	1.55	cps
Molybdenum	97-1	9525612	9546723	9478266	9516867	0.37	cps
Molybdenum	98-1	24805293	24771814	24572677	24716595	0.51	cps
Neodymium	150-1	327	307	353	329	7.12	cps
Neodymium	150-2	53	47	50	50	6.66	cps
Nickel	60-2	971870	980206	977256	976444	0.43	cps
Phosphorus	31-2	51693	49937	50907	50846	1.73	cps
Potassium	39-2	27404030	27443324	27512106	27453153	0.20	cps
Rhodium	103-1	9483934	9473647	9588870	9515484	0.67	cps
Rhodium	103-2	4694987	4845932	4740582	4760500	1.63	cps
Scandium	45-1	8138139	8151430	8187457	8159009	0.31	cps
Scandium	45-2	276514	277655	276174	276781	0.28	cps
Selenium	82-1	109088	109347	109995	109476	0.43	cps
Selenium	77-2	3367	3337	3254	3319	1.77	cps
Selenium	78-2	11802	11501	11560	11621	1.37	cps
Silicon	28-1	5338889	5604147	5625227	5522754	2.89	cps
Silver	107-1	6844313	7037914	6794270	6892166	1.87	cps
Silver	109-1	6567452	6486413	6523803	6525889	0.62	cps
Sodium	23-2	138608711	137787957	136887528	137761399	0.62	cps
Strontium	86-1	20663008	21006568	20643168	20770915	0.98	cps
Strontium	88-1	176224850	185425221	179921575	180523882	2.56	cps
Sulfur	34-1	1068038	1061389	1056601	1062009	0.54	cps
Terbium	159-1	11166916	11190488	11596946	11318117	2.14	cps
Terbium	159-2	5570629	5607656	5623915	5600733	0.49	cps
Thallium	203-1	3868821	3879081	3935694	3894532	0.92	cps
Thallium	205-1	8777505	8927253	9238531	8981096	2.62	cps
Tin	118-1	4500153	4458118	4482693	4480322	0.47	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:30:50	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4994829	5091041	5011520	5032463	1.02	cps
Uranium	238-1	11305906	11316045	11597718	11406556	1.45	cps
Vanadium	51-2	1588703	1616977	1626642	1610774	1.22	cps
Ytterbium	172-1	142	83	125	117	25.75	cps
Ytterbium	172-2	50	56	22	43	41.93	cps
Ytterbium	176-1	17629	18238	18029	17965	1.72	cps
Ytterbium	176-2	14158	14458	14759	14458	2.08	cps
Yttrium	89-1	24470134	24631380	25382762	24828092	1.96	cps
Yttrium	89-2	2843482	2881402	2814168	2846351	1.18	cps
Zinc	66-2	2728727	2784474	2783985	2765728	1.16	cps
Zirconium	90-1	11091945	11163609	11643771	11299775	2.66	cps
Zirconium	91-1	2515018	2480106	2526300	2507141	0.96	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:38:23	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	215	142	167	25.12	cps
Antimony	121-1	442	658	942	681	36.84	cps
Arsenic	75-2	14	12	9	12	21.57	cps
Barium	135-1	42	83	25	50	60.09	cps
Barium	137-1	83	125	67	92	32.77	cps
Beryllium	9-1	100	86	88	91	8.29	cps
Bismuth	209-1	5888322	6120727	5974885	5994645	1.96	cps
Bismuth	209-2	4053331	4012016	4060171	4041840	0.64	cps
Boron	10-1	4112	3880	3862	3951	3.53	cps
Boron	11-1	20180	18762	18774	19239	4.24	cps
Bromine	81-1	23624	25028	23434	24029	3.62	cps
Cadmium	111-1	638	641	621	633	1.68	cps
Cadmium	106-1	6210	6035	5585	5943	5.43	cps
Cadmium	108-1	83	29	29	47	66.22	cps
Calcium	43-1	461	482	500	481	4.03	cps
Calcium	44-1	47243	47795	47871	47636	0.72	cps
Carbon	12-1	4999393	4970191	4941314	4970299	0.58	cps
Carbon	12-2	50329	50095	48706	49710	1.76	cps
Chlorine	35-1	1526369	1426121	1395865	1449452	4.71	cps
Chlorine	35-2	9328	8694	8511	8845	4.85	cps
Chromium	52-2	1040	910	967	972	6.70	cps
Cobalt	59-2	93	93	107	98	7.88	cps
Copper	63-2	1243	1237	1223	1235	0.83	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	100	92	92	9.09	cps
Erbium	164-2	27	37	33	32	15.80	cps
Gadolinium	160-1	42	67	92	67	37.50	cps
Gadolinium	160-2	83	100	53	79	29.98	cps
Holmium	165-1	10960436	11008984	10862165	10943862	0.68	cps
Holmium	165-2	5839762	5750877	5603621	5731420	2.08	cps
Indium	115-1	10767228	10685083	10645093	10699135	0.58	cps
Indium	115-2	1831100	1842215	1860135	1844484	0.79	cps
Iron	54-2	856	833	694	794	10.99	cps
Iron	56-2	7374	7041	7430	7282	2.89	cps
Iron	57-2	222	289	317	276	17.59	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:38:23	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1013	997	1020	2.68	cps
Lead	206-1	1695	1661	1572	1643	3.85	cps
Lead	207-1	1345	1256	1206	1269	5.55	cps
Lead	208-1	6251	6340	6240	6277	0.87	cps
Lithium	6-1	4388822	4296549	4144763	4276711	2.88	cps
Magnesium	24-2	775	683	700	719	6.79	cps
Manganese	55-2	130	150	170	150	13.33	cps
Molybdenum	94-1	658	575	608	614	6.83	cps
Molybdenum	95-1	333	233	392	319	25.07	cps
Molybdenum	96-1	500	458	433	464	7.26	cps
Molybdenum	97-1	267	225	275	256	10.48	cps
Molybdenum	98-1	508	525	442	492	8.97	cps
Neodymium	150-1	40	27	27	31	24.74	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	287	287	283	286	0.67	cps
Phosphorus	31-2	192	150	142	161	16.63	cps
Potassium	39-2	23520	22159	23194	22958	3.09	cps
Rhodium	103-1	10501721	10706169	10541464	10583118	1.02	cps
Rhodium	103-2	5341856	5298571	5379172	5339867	0.76	cps
Scandium	45-1	8641129	8648217	8334723	8541357	2.10	cps
Scandium	45-2	287948	279694	290537	286060	1.98	cps
Selenium	82-1	-87	-21	-9	-39	-107.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	81	70	82	78	8.57	cps
Silicon	28-1	536967	541136	537897	538667	0.41	cps
Silver	107-1	767	742	650	719	8.54	cps
Silver	109-1	625	600	642	622	3.37	cps
Sodium	23-2	36463	36162	34124	35583	3.58	cps
Strontium	86-1	1692	1633	1575	1633	3.57	cps
Strontium	88-1	1992	2034	2050	2025	1.49	cps
Sulfur	34-1	476099	472773	470298	473057	0.62	cps
Terbium	159-1	11518559	11620790	11568695	11569348	0.44	cps
Terbium	159-2	5770780	5624919	5829284	5741661	1.83	cps
Thallium	203-1	783	858	750	797	6.96	cps
Thallium	205-1	1942	1900	1850	1897	2.42	cps
Tin	118-1	1575	1775	1550	1633	7.55	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:38:23	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	275	375	347	18.17	cps
Uranium	238-1	108	58	100	89	30.13	cps
Vanadium	51-2	13	20	13	16	24.76	cps
Ytterbium	172-1	67	33	25	42	52.92	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	1225	1275	1250	1250	2.00	cps
Ytterbium	176-2	5179	5512	5546	5412	3.75	cps
Yttrium	89-1	25759447	26589347	26154292	26167695	1.59	cps
Yttrium	89-2	2961821	2902610	2950285	2938239	1.07	cps
Zinc	66-2	650	636	613	633	2.94	cps
Zirconium	90-1	1325	1350	1217	1297	5.46	cps
Zirconium	91-1	250	317	275	281	12.00	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BL	Instrumnet Name :	P8
Client Sample ID :	PBW708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:43:38	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162	159	181	167	7.20	cps
Antimony	121-1	242	342	325	303	17.69	cps
Arsenic	75-2	7	8	7	7	7.87	cps
Barium	135-1	50	83	42	58	37.80	cps
Barium	137-1	67	50	125	81	48.89	cps
Beryllium	9-1	62	74	86	74	16.21	cps
Bismuth	209-1	5900322	5878745	5845988	5875019	0.47	cps
Bismuth	209-2	3993330	4046058	4080218	4039869	1.08	cps
Boron	10-1	2486	2558	2462	2502	2.00	cps
Boron	11-1	12205	12053	12135	12131	0.63	cps
Bromine	81-1	24868	25189	25098	25051	0.66	cps
Cadmium	111-1	648	627	662	646	2.76	cps
Cadmium	106-1	6077	5735	6318	6043	4.85	cps
Cadmium	108-1	50	67	46	54	20.36	cps
Calcium	43-1	483	463	524	490	6.37	cps
Calcium	44-1	45421	45341	45622	45462	0.32	cps
Carbon	12-1	5711451	5838777	5694922	5748384	1.37	cps
Carbon	12-2	58726	60023	60609	59786	1.61	cps
Chlorine	35-1	1404824	1328314	1311805	1348314	3.68	cps
Chlorine	35-2	8453	8261	8044	8253	2.48	cps
Chromium	52-2	1033	1087	1023	1048	3.25	cps
Cobalt	59-2	100	83	93	92	9.10	cps
Copper	63-2	993	1050	1213	1086	10.52	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	50	40	13	34	55.04	cps
Gadolinium	160-1	75	133	108	106	27.73	cps
Gadolinium	160-2	80	80	70	77	7.53	cps
Holmium	165-1	10711855	11219146	10591933	10840978	3.07	cps
Holmium	165-2	5734733	5824892	5816599	5792075	0.86	cps
Indium	115-1	10432848	10250369	10375084	10352767	0.90	cps
Indium	115-2	1804837	1823521	1822535	1816964	0.58	cps
Iron	54-2	817	744	750	770	5.22	cps
Iron	56-2	6296	6524	7558	6793	9.90	cps
Iron	57-2	206	256	322	261	22.42	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BL	Instrumnet Name :	P8
Client Sample ID :	PBW708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:43:38	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	923	853	904	4.95	cps
Lead	206-1	1306	1456	1445	1402	5.96	cps
Lead	207-1	1283	1278	1183	1248	4.50	cps
Lead	208-1	5256	5778	5523	5519	4.73	cps
Lithium	6-1	4089027	4349874	4330687	4256530	3.42	cps
Magnesium	24-2	433	550	658	547	20.56	cps
Manganese	55-2	173	173	183	177	3.27	cps
Molybdenum	94-1	425	433	492	450	8.07	cps
Molybdenum	95-1	183	100	275	186	47.03	cps
Molybdenum	96-1	358	242	325	308	19.49	cps
Molybdenum	97-1	142	92	133	122	21.92	cps
Molybdenum	98-1	275	325	325	308	9.36	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	320	340	323	328	3.27	cps
Phosphorus	31-2	200	192	208	200	4.17	cps
Potassium	39-2	22051	22226	22385	22220	0.75	cps
Rhodium	103-1	10724962	10682908	10361595	10589822	1.88	cps
Rhodium	103-2	5286267	5258088	5338951	5294435	0.78	cps
Scandium	45-1	8444812	8428728	8220832	8364791	1.49	cps
Scandium	45-2	287441	282768	284601	284937	0.83	cps
Selenium	82-1	46	62	97	68	37.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	80	81	84	82	2.55	cps
Silicon	28-1	569110	570966	565284	568453	0.51	cps
Silver	107-1	250	317	300	289	12.01	cps
Silver	109-1	208	225	200	211	6.03	cps
Sodium	23-2	32370	33548	33347	33088	1.91	cps
Strontium	86-1	1533	1467	1667	1556	6.55	cps
Strontium	88-1	1058	1183	1133	1125	5.59	cps
Sulfur	34-1	483457	480855	482263	482192	0.27	cps
Terbium	159-1	11680391	11472629	11251522	11468181	1.87	cps
Terbium	159-2	5769210	5633806	5762914	5721977	1.34	cps
Thallium	203-1	558	517	633	569	10.38	cps
Thallium	205-1	1383	1567	1533	1495	6.54	cps
Tin	118-1	1759	14638	1842	6079	121.92	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BL	Instrumnet Name :	P8
Client Sample ID :	PBW708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:43:38	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	358	333	331	8.85	cps
Uranium	238-1	33	58	17	36	58.08	cps
Vanadium	51-2	20	7	27	18	57.27	cps
Ytterbium	172-1	75	50	25	50	50.00	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	1075	1042	1100	1072	2.73	cps
Ytterbium	176-2	5401	5674	5857	5644	4.06	cps
Yttrium	89-1	26046909	26276196	26099030	26140712	0.46	cps
Yttrium	89-2	2887012	2875077	2958159	2906749	1.55	cps
Zinc	66-2	670	700	763	711	6.71	cps
Zirconium	90-1	1175	1308	1442	1308	10.19	cps
Zirconium	91-1	192	208	233	211	9.93	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BS	Instrumnet Name :	P8
Client Sample ID :	LCS708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:46:39	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4281	4005	4045	4110	3.63	cps
Antimony	121-1	42083	39583	41430	41032	3.16	cps
Arsenic	75-2	742	753	715	737	2.65	cps
Barium	135-1	52419	51106	51173	51566	1.43	cps
Barium	137-1	91703	91100	91081	91295	0.39	cps
Beryllium	9-1	6056	5718	5662	5812	3.67	cps
Bismuth	209-1	5985889	6051051	5840164	5959034	1.81	cps
Bismuth	209-2	3988442	4079962	3964039	4010814	1.52	cps
Boron	10-1	15289	15902	16806	15999	4.77	cps
Boron	11-1	72358	74351	78411	75040	4.11	cps
Bromine	81-1	24487	22963	24507	23985	3.69	cps
Cadmium	111-1	1719	1619	1709	1682	3.26	cps
Cadmium	106-1	6543	6502	6193	6413	2.98	cps
Cadmium	108-1	188	133	188	169	18.45	cps
Calcium	43-1	42560	42852	42052	42488	0.95	cps
Calcium	44-1	742453	744877	735917	741082	0.63	cps
Carbon	12-1	5299792	5283800	5062588	5215393	2.54	cps
Carbon	12-2	50195	52478	51006	51226	2.26	cps
Chlorine	35-1	1061128	995659	976155	1010981	4.40	cps
Chlorine	35-2	7077	6552	6352	6660	5.63	cps
Chromium	52-2	17534	17417	17100	17351	1.29	cps
Cobalt	59-2	14591	14344	14251	14395	1.22	cps
Copper	63-2	21543	21119	21530	21397	1.13	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	92	50	75	72	29.04	cps
Erbium	164-2	23	40	23	29	33.32	cps
Gadolinium	160-1	67	75	100	81	21.53	cps
Gadolinium	160-2	77	97	77	83	13.86	cps
Holmium	165-1	10857589	11175826	10796995	10943470	1.86	cps
Holmium	165-2	5755402	5854983	5863701	5824696	1.03	cps
Indium	115-1	10462437	10982470	10741491	10728800	2.43	cps
Indium	115-2	1845887	1882249	1822242	1850126	1.63	cps
Iron	54-2	52920	53009	51409	52446	1.71	cps
Iron	56-2	935683	968681	949194	951186	1.74	cps
Iron	57-2	24026	23865	23291	23727	1.63	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BS	Instrumnet Name :	P8
Client Sample ID :	LCS708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:46:39	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	910	1030	973	6.19	cps
Lead	206-1	13974	13552	13885	13804	1.61	cps
Lead	207-1	11622	11778	11867	11756	1.05	cps
Lead	208-1	55470	54468	54173	54704	1.24	cps
Lithium	6-1	4401749	4391232	4276934	4356639	1.59	cps
Magnesium	24-2	286222	276270	276228	279573	2.06	cps
Manganese	55-2	4137	4137	4004	4093	1.88	cps
Molybdenum	94-1	53947	52768	52901	53205	1.21	cps
Molybdenum	95-1	63044	62206	62433	62561	0.69	cps
Molybdenum	96-1	70848	71417	70656	70974	0.56	cps
Molybdenum	97-1	38462	39423	38654	38847	1.31	cps
Molybdenum	98-1	103032	99550	98021	100201	2.56	cps
Neodymium	150-1	33	40	20	31	32.73	cps
Neodymium	150-2	10	0	17	9	94.38	cps
Nickel	60-2	4344	4584	4297	4409	3.49	cps
Phosphorus	31-2	150	158	158	156	3.09	cps
Potassium	39-2	240873	244577	241194	242215	0.85	cps
Rhodium	103-1	10950205	10961775	10721368	10877783	1.25	cps
Rhodium	103-2	5415420	5502024	5251437	5389627	2.36	cps
Scandium	45-1	8639880	8778655	8492853	8637129	1.65	cps
Scandium	45-2	294972	293047	287672	291897	1.30	cps
Selenium	82-1	2312	2331	2236	2293	2.20	cps
Selenium	77-2	57	110	63	77	37.90	cps
Selenium	78-2	328	342	331	334	2.21	cps
Silicon	28-1	771858	771640	757519	767006	1.07	cps
Silver	107-1	28672	27812	28388	28291	1.55	cps
Silver	109-1	26985	26894	25700	26526	2.70	cps
Sodium	23-2	590706	587613	581411	586577	0.81	cps
Strontium	86-1	10646	11172	10921	10913	2.41	cps
Strontium	88-1	81413	79938	80055	80469	1.02	cps
Sulfur	34-1	470212	473580	487124	476972	1.88	cps
Terbium	159-1	11764744	11347044	11392157	11501315	1.99	cps
Terbium	159-2	5813189	5734209	5898666	5815355	1.41	cps
Thallium	203-1	16686	15893	16444	16341	2.49	cps
Thallium	205-1	38283	38182	38692	38386	0.70	cps
Tin	118-1	89568	90725	90323	90205	0.65	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139708BS	Instrumnet Name :	P8
Client Sample ID :	LCS708	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:46:39	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	20407	21383	20190	20660	3.08	cps
Uranium	238-1	42840	43568	44052	43487	1.40	cps
Vanadium	51-2	32203	32276	32109	32196	0.26	cps
Ytterbium	172-1	25	17	42	28	45.82	cps
Ytterbium	172-2	33	11	17	20	56.76	cps
Ytterbium	176-1	1117	1358	1242	1239	9.76	cps
Ytterbium	176-2	5462	5824	5768	5685	3.42	cps
Yttrium	89-1	26140049	26427131	25656211	26074464	1.49	cps
Yttrium	89-2	2964717	2999209	2948054	2970660	0.88	cps
Zinc	66-2	5371	5413	5563	5449	1.85	cps
Zirconium	90-1	45918	44430	43895	44748	2.34	cps
Zirconium	91-1	10071	9645	10154	9957	2.74	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BL	Instrumnet Name :	P8
Client Sample ID :	PBW709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:49:42	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	171	172	179	174	2.31	cps
Antimony	121-1	417	542	283	414	31.21	cps
Arsenic	75-2	7	5	8	7	22.91	cps
Barium	135-1	242	392	92	242	62.07	cps
Barium	137-1	608	533	108	417	64.71	cps
Beryllium	9-1	134	106	74	105	28.68	cps
Bismuth	209-1	5662973	5818802	5771953	5751243	1.39	cps
Bismuth	209-2	4693084	4252692	3895897	4280558	9.33	cps
Boron	10-1	3682	3450	3404	3512	4.24	cps
Boron	11-1	16456	16052	15613	16040	2.63	cps
Bromine	81-1	24156	24166	24497	24273	0.80	cps
Cadmium	111-1	748	703	591	680	11.86	cps
Cadmium	106-1	6827	6302	5910	6346	7.25	cps
Cadmium	108-1	50	75	42	56	31.22	cps
Calcium	43-1	1026	933	510	823	33.37	cps
Calcium	44-1	54725	51887	43923	50178	11.16	cps
Carbon	12-1	5705570	5680281	5936519	5774123	2.45	cps
Carbon	12-2	59831	60266	59965	60021	0.37	cps
Chlorine	35-1	1053597	1038591	1009581	1033923	2.16	cps
Chlorine	35-2	7210	6460	6643	6771	5.78	cps
Chromium	52-2	1227	1070	1177	1158	6.91	cps
Cobalt	59-2	117	63	100	93	29.24	cps
Copper	63-2	1247	1190	973	1137	12.69	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	117	100	8	75	77.78	cps
Erbium	164-2	33	53	30	39	32.45	cps
Gadolinium	160-1	75	167	50	97	63.18	cps
Gadolinium	160-2	80	87	93	87	7.69	cps
Holmium	165-1	10611088	10658153	10612373	10627205	0.25	cps
Holmium	165-2	6877663	6136749	5567731	6194048	10.60	cps
Indium	115-1	10246715	10156763	10427072	10276850	1.34	cps
Indium	115-2	2107157	1949981	1785418	1947519	8.26	cps
Iron	54-2	733	756	678	722	5.55	cps
Iron	56-2	6607	6529	6318	6485	2.31	cps
Iron	57-2	239	239	256	244	3.93	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : PB139709BL Instrumnet Name : P8
 Client Sample ID : PBW709 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:49:42 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	973	907	938	3.58	cps
Lead	206-1	2150	1867	1256	1758	26.01	cps
Lead	207-1	1906	1533	1145	1528	24.91	cps
Lead	208-1	8507	7284	5106	6966	24.73	cps
Lithium	6-1	4033261	4122853	4164211	4106775	1.63	cps
Magnesium	24-2	458	583	542	528	12.06	cps
Manganese	55-2	117	150	123	130	13.57	cps
Molybdenum	94-1	1408	1092	592	1031	39.96	cps
Molybdenum	95-1	1150	1042	125	772	72.92	cps
Molybdenum	96-1	1425	1342	375	1047	55.73	cps
Molybdenum	97-1	850	683	175	569	61.75	cps
Molybdenum	98-1	1950	1817	217	1328	72.65	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	377	303	290	323	14.43	cps
Phosphorus	31-2	150	158	142	150	5.56	cps
Potassium	39-2	21942	21633	23178	22251	3.67	cps
Rhodium	103-1	10536278	10301827	10503365	10447156	1.21	cps
Rhodium	103-2	6139966	5662875	5273193	5692011	7.63	cps
Scandium	45-1	7990943	8025623	8026914	8014493	0.25	cps
Scandium	45-2	342289	305235	283902	310476	9.52	cps
Selenium	82-1	97	-61	99	45	203.69	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	77	88	86	84	7.00	cps
Silicon	28-1	567582	578658	574924	573721	0.98	cps
Silver	107-1	467	533	383	461	16.30	cps
Silver	109-1	333	350	475	386	20.05	cps
Sodium	23-2	29981	30591	30883	30485	1.51	cps
Strontium	86-1	3276	3167	1792	2745	30.13	cps
Strontium	88-1	15180	11148	1208	9179	78.34	cps
Sulfur	34-1	489491	483777	480253	484507	0.96	cps
Terbium	159-1	10722108	11137197	11355294	11071533	2.91	cps
Terbium	159-2	6724285	6029508	5519333	6091042	9.93	cps
Thallium	203-1	775	683	533	664	18.38	cps
Thallium	205-1	1642	1608	1417	1556	7.81	cps
Tin	118-1	2334	2184	2100	2206	5.36	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BL	Instrumnet Name :	P8
Client Sample ID :	PBW709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:49:42	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633	467	308	469	34.62	cps
Uranium	238-1	858	592	58	503	81.02	cps
Vanadium	51-2	17	17	7	13	43.29	cps
Ytterbium	172-1	33	17	58	36	58.08	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	1408	1425	1333	1389	3.52	cps
Ytterbium	176-2	6241	5712	5618	5857	5.73	cps
Yttrium	89-1	24966455	25859627	25832670	25552918	1.99	cps
Yttrium	89-2	3451923	3089782	2821109	3120938	10.14	cps
Zinc	66-2	736	700	670	702	4.75	cps
Zirconium	90-1	1633	1633	1125	1464	20.05	cps
Zirconium	91-1	358	383	317	353	9.55	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BS	Instrumnet Name :	P8
Client Sample ID :	LCS709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:52:43	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4325	4585	4335	4415	3.34	cps
Antimony	121-1	42007	42810	42475	42431	0.95	cps
Arsenic	75-2	701	736	732	723	2.65	cps
Barium	135-1	52687	52637	54804	53376	2.32	cps
Barium	137-1	94262	94178	93499	93980	0.45	cps
Beryllium	9-1	6208	6088	5856	6051	2.96	cps
Bismuth	209-1	5857090	5968514	5999257	5941620	1.26	cps
Bismuth	209-2	4014638	4036498	3873997	3975044	2.22	cps
Boron	10-1	14931	15958	16588	15825	5.29	cps
Boron	11-1	71505	75981	79547	75678	5.32	cps
Bromine	81-1	24307	24276	24868	24484	1.36	cps
Cadmium	111-1	1808	1799	1776	1794	0.93	cps
Cadmium	106-1	6935	7169	6085	6730	8.48	cps
Cadmium	108-1	146	217	196	186	19.56	cps
Calcium	43-1	44121	44384	44180	44228	0.31	cps
Calcium	44-1	777676	790108	788696	785493	0.87	cps
Carbon	12-1	5016296	5210494	5101462	5109417	1.91	cps
Carbon	12-2	52653	51842	51600	52032	1.06	cps
Chlorine	35-1	895081	869773	839722	868192	3.19	cps
Chlorine	35-2	5660	5468	5401	5510	2.44	cps
Chromium	52-2	18258	18265	18255	18260	0.03	cps
Cobalt	59-2	14928	15442	14971	15114	1.89	cps
Copper	63-2	22054	21814	21416	21761	1.48	cps
Dysprosium	156-1	50	0	8	19	137.78	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	92	92	75	86	11.18	cps
Erbium	164-2	40	30	50	40	25.00	cps
Gadolinium	160-1	92	92	75	86	11.18	cps
Gadolinium	160-2	97	70	100	89	18.50	cps
Holmium	165-1	10758468	10702052	10723920	10728147	0.27	cps
Holmium	165-2	5942113	5807086	5783812	5844337	1.46	cps
Indium	115-1	10765256	10765622	11027797	10852892	1.40	cps
Indium	115-2	1832304	1782189	1816551	1810348	1.42	cps
Iron	54-2	53545	53589	52759	53298	0.88	cps
Iron	56-2	975416	958532	972794	968914	0.94	cps
Iron	57-2	24566	24360	24104	24343	0.95	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BS	Instrumnet Name :	P8
Client Sample ID :	LCS709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:52:43	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	920	917	939	3.80	cps
Lead	206-1	14347	14698	13757	14267	3.33	cps
Lead	207-1	12034	12640	12239	12304	2.51	cps
Lead	208-1	56477	57579	57140	57065	0.97	cps
Lithium	6-1	4130323	4296778	4152984	4193362	2.15	cps
Magnesium	24-2	303017	300919	300211	301382	0.48	cps
Manganese	55-2	4524	4337	4571	4477	2.76	cps
Molybdenum	94-1	56064	55554	54951	55523	1.00	cps
Molybdenum	95-1	66493	66074	65397	65988	0.84	cps
Molybdenum	96-1	72775	75313	74283	74124	1.72	cps
Molybdenum	97-1	41228	39306	40059	40198	2.41	cps
Molybdenum	98-1	105904	103763	105559	105075	1.09	cps
Neodymium	150-1	33	13	13	20	57.74	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	4697	4407	5178	4761	8.17	cps
Phosphorus	31-2	167	217	117	167	30.00	cps
Potassium	39-2	257853	254595	259895	257448	1.04	cps
Rhodium	103-1	10639092	10755205	10696567	10696955	0.54	cps
Rhodium	103-2	5375112	5222575	5291833	5296506	1.44	cps
Scandium	45-1	8596752	8663431	8371649	8543944	1.79	cps
Scandium	45-2	295305	289023	289140	291156	1.23	cps
Selenium	82-1	2457	2494	2422	2458	1.47	cps
Selenium	77-2	67	73	93	78	17.84	cps
Selenium	78-2	333	357	357	349	3.97	cps
Silicon	28-1	758034	758754	760204	758997	0.15	cps
Silver	107-1	29316	30367	29432	29705	1.94	cps
Silver	109-1	27353	27904	27520	27592	1.02	cps
Sodium	23-2	624612	620442	617023	620692	0.61	cps
Strontium	86-1	11522	11447	11372	11447	0.66	cps
Strontium	88-1	87374	86317	86896	86862	0.61	cps
Sulfur	34-1	482378	487013	484182	484524	0.48	cps
Terbium	159-1	11427498	11814336	11601424	11614419	1.67	cps
Terbium	159-2	5740085	5684555	5610192	5678278	1.15	cps
Thallium	203-1	16703	16745	16252	16567	1.65	cps
Thallium	205-1	38057	40414	38266	38912	3.35	cps
Tin	118-1	97195	96516	94015	95909	1.75	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139709BS	Instrumnet Name :	P8
Client Sample ID :	LCS709	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:52:43	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21876	22385	21734	21998	1.56	cps
Uranium	238-1	43233	44789	44965	44329	2.15	cps
Vanadium	51-2	34695	33342	33927	33988	2.00	cps
Ytterbium	172-1	33	42	33	36	13.33	cps
Ytterbium	172-2	17	22	11	17	33.33	cps
Ytterbium	176-1	1192	1375	1267	1278	7.21	cps
Ytterbium	176-2	5090	5435	5190	5238	3.38	cps
Yttrium	89-1	26035790	26459599	25664235	26053208	1.53	cps
Yttrium	89-2	2962121	2948138	2961655	2957304	0.27	cps
Zinc	66-2	5843	5948	5943	5911	1.00	cps
Zirconium	90-1	46453	47407	45785	46548	1.75	cps
Zirconium	91-1	9720	10304	10071	10032	2.93	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BL	Instrumnet Name :	P8
Client Sample ID :	PBW863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:05:49	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	149	147	145	3.25	cps
Antimony	121-1	208	167	233	203	16.61	cps
Arsenic	75-2	6	7	11	8	33.07	cps
Barium	135-1	117	58	17	64	78.62	cps
Barium	137-1	208	125	42	125	66.67	cps
Beryllium	9-1	74	40	58	57	29.67	cps
Bismuth	209-1	5748910	5966168	5906635	5873905	1.91	cps
Bismuth	209-2	3988934	4027214	4049192	4021780	0.76	cps
Boron	10-1	1512	1394	1312	1406	7.15	cps
Boron	11-1	6810	6744	6628	6728	1.37	cps
Bromine	81-1	24437	26552	23825	24938	5.74	cps
Cadmium	111-1	584	612	584	593	2.76	cps
Cadmium	106-1	5718	5968	5543	5743	3.72	cps
Cadmium	108-1	54	38	29	40	31.60	cps
Calcium	43-1	587	473	412	491	18.10	cps
Calcium	44-1	45208	43671	42820	43900	2.76	cps
Carbon	12-1	5026049	4897641	4928169	4950620	1.36	cps
Carbon	12-2	50805	51357	50161	50775	1.18	cps
Chlorine	35-1	883064	861976	837245	860762	2.66	cps
Chlorine	35-2	5701	5718	5343	5587	3.79	cps
Chromium	52-2	910	967	1037	971	6.53	cps
Cobalt	59-2	87	97	93	92	5.52	cps
Copper	63-2	853	923	923	900	4.49	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	75	50	92	72	29.04	cps
Erbium	164-2	13	30	63	36	71.61	cps
Gadolinium	160-1	142	125	17	94	71.86	cps
Gadolinium	160-2	93	77	80	83	10.58	cps
Holmium	165-1	10556409	10779739	10777153	10704433	1.20	cps
Holmium	165-2	5823470	5783627	5864939	5824012	0.70	cps
Indium	115-1	10367107	10562608	10608211	10512642	1.22	cps
Indium	115-2	1860039	1812228	1783894	1818720	2.12	cps
Iron	54-2	744	639	567	650	13.76	cps
Iron	56-2	5857	5673	5484	5672	3.28	cps
Iron	57-2	217	233	239	230	5.04	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BL	Instrumnet Name :	P8
Client Sample ID :	PBW863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:05:49	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	980	923	923	6.14	cps
Lead	206-1	1572	1033	1445	1350	20.86	cps
Lead	207-1	1395	1111	1206	1237	11.66	cps
Lead	208-1	6112	4845	5595	5517	11.55	cps
Lithium	6-1	4318324	4480282	4299575	4366060	2.28	cps
Magnesium	24-2	475	525	408	469	12.47	cps
Manganese	55-2	147	137	140	141	3.61	cps
Molybdenum	94-1	758	467	417	547	33.72	cps
Molybdenum	95-1	467	108	75	217	100.22	cps
Molybdenum	96-1	750	308	242	433	63.75	cps
Molybdenum	97-1	242	75	58	125	81.10	cps
Molybdenum	98-1	683	233	133	350	83.71	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	317	297	330	314	5.34	cps
Phosphorus	31-2	200	167	125	164	22.93	cps
Potassium	39-2	22693	22969	22618	22760	0.81	cps
Rhodium	103-1	10748188	10476955	10709900	10645014	1.38	cps
Rhodium	103-2	5344324	5311891	5250789	5302335	0.90	cps
Scandium	45-1	8419732	8413963	8157002	8330232	1.80	cps
Scandium	45-2	290724	289607	290157	290163	0.19	cps
Selenium	82-1	61	22	20	34	67.00	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	90	73	80	81	10.55	cps
Silicon	28-1	546680	550321	546173	547725	0.41	cps
Silver	107-1	308	283	392	328	17.31	cps
Silver	109-1	292	342	250	294	15.59	cps
Sodium	23-2	23010	23227	22025	22754	2.81	cps
Strontium	86-1	2150	1425	1658	1745	21.22	cps
Strontium	88-1	5269	1375	942	2529	94.24	cps
Sulfur	34-1	502004	507082	504940	504675	0.51	cps
Terbium	159-1	11194912	11367679	11410743	11324445	1.01	cps
Terbium	159-2	5637072	5608897	5532636	5592868	0.97	cps
Thallium	203-1	417	392	467	425	8.99	cps
Thallium	205-1	1050	933	1183	1056	11.85	cps
Tin	118-1	1683	1683	1583	1650	3.50	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BL	Instrumnet Name :	P8
Client Sample ID :	PBW863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:05:49	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	342	300	397	33.72	cps
Uranium	238-1	308	33	25	122	131.92	cps
Vanadium	51-2	13	23	10	16	44.60	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	11	11	44	22	86.62	cps
Ytterbium	176-1	1358	1033	1192	1195	13.61	cps
Ytterbium	176-2	5068	5307	5724	5366	6.19	cps
Yttrium	89-1	26315093	26250852	26139671	26235205	0.34	cps
Yttrium	89-2	2940580	2930076	2925748	2932135	0.26	cps
Zinc	66-2	623	663	633	640	3.25	cps
Zirconium	90-1	1233	1192	1358	1261	6.88	cps
Zirconium	91-1	267	192	158	206	26.99	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BS	Instrumnet Name :	P8
Client Sample ID :	LCS863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:08:50	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4315	4291	4233	4280	0.99	cps
Antimony	121-1	40795	39608	39349	39917	1.93	cps
Arsenic	75-2	800	782	674	752	9.06	cps
Barium	135-1	52687	51792	49826	51435	2.85	cps
Barium	137-1	90017	88011	89203	89077	1.13	cps
Beryllium	9-1	5846	6094	5902	5947	2.19	cps
Bismuth	209-1	5917287	5838092	5835649	5863676	0.79	cps
Bismuth	209-2	3978113	4122676	4092439	4064409	1.88	cps
Boron	10-1	14098	14312	15857	14756	6.51	cps
Boron	11-1	63567	71330	71495	68797	6.59	cps
Bromine	81-1	24206	23875	25449	24510	3.39	cps
Cadmium	111-1	5820	5865	5582	5756	2.64	cps
Cadmium	106-1	6935	6919	6885	6913	0.37	cps
Cadmium	108-1	417	408	504	443	11.98	cps
Calcium	43-1	42146	42046	41345	41846	1.04	cps
Calcium	44-1	743082	745783	737204	742023	0.59	cps
Carbon	12-1	5134129	5099998	5082492	5105540	0.51	cps
Carbon	12-2	53983	52160	53992	53378	1.98	cps
Chlorine	35-1	809924	787872	765033	787610	2.85	cps
Chlorine	35-2	4726	4909	5151	4929	4.33	cps
Chromium	52-2	17838	17254	17544	17545	1.66	cps
Cobalt	59-2	14998	14888	14921	14936	0.38	cps
Copper	63-2	21430	21396	21570	21465	0.43	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	58	100	83	81	26.03	cps
Erbium	164-2	27	20	63	37	63.63	cps
Gadolinium	160-1	83	17	108	69	68.23	cps
Gadolinium	160-2	73	87	80	80	8.34	cps
Holmium	165-1	11034307	10371009	10869274	10758196	3.21	cps
Holmium	165-2	5890633	5886181	5871755	5882856	0.17	cps
Indium	115-1	10785706	10625108	10532335	10647716	1.20	cps
Indium	115-2	1829490	1808647	1861241	1833126	1.44	cps
Iron	54-2	52753	52491	52078	52441	0.65	cps
Iron	56-2	954695	956603	950968	954089	0.30	cps
Iron	57-2	24594	23291	24622	24169	3.14	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : PB139863BS Instrumnet Name : P8
 Client Sample ID : LCS863 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:08:50 DataFile Name : 030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1017	993	992	2.52	cps
Lead	206-1	13935	13407	13446	13596	2.17	cps
Lead	207-1	11911	11995	12434	12113	2.32	cps
Lead	208-1	54646	55292	54501	54813	0.77	cps
Lithium	6-1	4202042	4179871	4262880	4214931	1.02	cps
Magnesium	24-2	287051	292190	290988	290076	0.93	cps
Manganese	55-2	4381	4241	4241	4287	1.89	cps
Molybdenum	94-1	52801	52759	53705	53088	1.01	cps
Molybdenum	95-1	65648	64274	63404	64442	1.76	cps
Molybdenum	96-1	71937	71300	69240	70826	1.99	cps
Molybdenum	97-1	38763	39507	37836	38702	2.16	cps
Molybdenum	98-1	99449	100606	99752	99936	0.60	cps
Neodymium	150-1	33	7	13	18	78.05	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	4487	4361	4614	4487	2.82	cps
Phosphorus	31-2	117	217	167	167	30.00	cps
Potassium	39-2	248279	250007	248995	249094	0.35	cps
Rhodium	103-1	10618930	10630603	10401971	10550501	1.22	cps
Rhodium	103-2	5359009	5354896	5456797	5390234	1.07	cps
Scandium	45-1	8867481	8228284	8430216	8508661	3.84	cps
Scandium	45-2	294457	295678	298692	296276	0.74	cps
Selenium	82-1	2388	2220	2260	2289	3.84	cps
Selenium	77-2	103	77	77	86	17.99	cps
Selenium	78-2	279	344	341	321	11.42	cps
Silicon	28-1	759645	770843	760277	763588	0.82	cps
Silver	107-1	27545	28689	27954	28063	2.07	cps
Silver	109-1	26276	26109	27194	26526	2.20	cps
Sodium	23-2	593932	592828	601196	595986	0.76	cps
Strontium	86-1	17403	17353	16886	17214	1.66	cps
Strontium	88-1	142080	143444	139504	141676	1.41	cps
Sulfur	34-1	497248	499047	501290	499195	0.41	cps
Terbium	159-1	11303562	11141132	11079481	11174725	1.04	cps
Terbium	159-2	5679537	5828043	5840653	5782744	1.55	cps
Thallium	203-1	15526	16361	15802	15896	2.67	cps
Thallium	205-1	36870	37221	37631	37241	1.02	cps
Tin	118-1	91347	92304	90845	91498	0.81	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139863BS	Instrumnet Name :	P8
Client Sample ID :	LCS863	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:08:50	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21291	21041	20624	20985	1.61	cps
Uranium	238-1	43501	42247	41812	42520	2.06	cps
Vanadium	51-2	33342	33142	33827	33437	1.05	cps
Ytterbium	172-1	33	17	17	22	43.28	cps
Ytterbium	172-2	11	28	28	22	43.31	cps
Ytterbium	176-1	1142	1225	1117	1161	4.88	cps
Ytterbium	176-2	5262	5462	5562	5429	2.81	cps
Yttrium	89-1	26386902	25688397	25315346	25796882	2.11	cps
Yttrium	89-2	2961821	2954546	2982862	2966410	0.50	cps
Zinc	66-2	5523	5997	5457	5659	5.21	cps
Zirconium	90-1	45952	45517	44622	45363	1.49	cps
Zirconium	91-1	9829	10429	9645	9968	4.11	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : PB139864BL Instrumnet Name : P8
 Client Sample ID : PBW864 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:11:54 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156	184	214	185	15.58	cps
Antimony	121-1	100	142	167	136	24.74	cps
Arsenic	75-2	5	8	7	7	22.91	cps
Barium	135-1	75	50	42	56	31.22	cps
Barium	137-1	75	83	183	114	52.93	cps
Beryllium	9-1	36	50	60	49	24.78	cps
Bismuth	209-1	5651383	5721274	5665396	5679351	0.65	cps
Bismuth	209-2	4003895	3962718	3978803	3981805	0.52	cps
Boron	10-1	2506	2132	2150	2262	9.32	cps
Boron	11-1	11358	10608	10023	10663	6.27	cps
Bromine	81-1	24587	25550	25259	25132	1.96	cps
Cadmium	111-1	603	620	631	618	2.25	cps
Cadmium	106-1	6160	6327	6335	6274	1.57	cps
Cadmium	108-1	54	42	46	47	13.48	cps
Calcium	43-1	501	448	522	490	7.73	cps
Calcium	44-1	46914	46454	46435	46601	0.58	cps
Carbon	12-1	5677596	5878001	5905576	5820391	2.14	cps
Carbon	12-2	58995	60609	60784	60129	1.64	cps
Chlorine	35-1	867599	817445	806112	830385	3.94	cps
Chlorine	35-2	5760	5176	5168	5368	6.32	cps
Chromium	52-2	1073	1217	1143	1145	6.26	cps
Cobalt	59-2	130	70	73	91	37.01	cps
Copper	63-2	1033	1010	1137	1060	6.36	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	75	58	64	15.06	cps
Erbium	164-2	30	37	43	37	18.18	cps
Gadolinium	160-1	33	108	67	69	54.12	cps
Gadolinium	160-2	97	57	67	73	28.39	cps
Holmium	165-1	10405900	10572579	10605644	10528041	1.02	cps
Holmium	165-2	5798626	5900478	5816451	5838518	0.93	cps
Indium	115-1	10361564	10255454	10537554	10384857	1.37	cps
Indium	115-2	1817832	1845310	1851554	1838232	0.98	cps
Iron	54-2	844	711	850	802	9.81	cps
Iron	56-2	7447	7297	7708	7484	2.78	cps
Iron	57-2	239	283	228	250	11.76	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BL	Instrumnet Name :	P8
Client Sample ID :	PBW864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:11:54	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	980	937	962	2.36	cps
Lead	206-1	1233	1228	1311	1257	3.71	cps
Lead	207-1	1072	917	956	982	8.25	cps
Lead	208-1	4634	4456	4728	4606	3.00	cps
Lithium	6-1	4103655	4141372	4020000	4088342	1.52	cps
Magnesium	24-2	525	650	492	556	15.03	cps
Manganese	55-2	170	153	173	166	6.47	cps
Molybdenum	94-1	417	458	558	478	15.24	cps
Molybdenum	95-1	142	150	92	128	24.69	cps
Molybdenum	96-1	350	292	342	328	9.63	cps
Molybdenum	97-1	58	50	83	64	27.15	cps
Molybdenum	98-1	150	117	333	200	58.34	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	300	347	373	340	10.92	cps
Phosphorus	31-2	158	200	250	203	22.63	cps
Potassium	39-2	22560	21801	22092	22151	1.73	cps
Rhodium	103-1	10503843	10412908	10438992	10451914	0.45	cps
Rhodium	103-2	5242440	5455974	5338356	5345590	2.00	cps
Scandium	45-1	8162616	8194826	8400967	8252803	1.57	cps
Scandium	45-2	291318	289796	293576	291563	0.65	cps
Selenium	82-1	-51	-43	35	-19	-245.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	74	86	70	77	10.86	cps
Silicon	28-1	579943	577973	586112	581343	0.73	cps
Silver	107-1	392	275	308	325	18.49	cps
Silver	109-1	292	233	192	239	21.03	cps
Sodium	23-2	27468	27835	26683	27329	2.15	cps
Strontium	86-1	1775	1608	1725	1703	5.02	cps
Strontium	88-1	800	1008	1284	1031	23.53	cps
Sulfur	34-1	497164	502932	510026	503374	1.28	cps
Terbium	159-1	11165864	10953823	10910595	11010094	1.24	cps
Terbium	159-2	5652164	5818682	5625649	5698832	1.84	cps
Thallium	203-1	358	417	350	375	9.69	cps
Thallium	205-1	958	783	858	867	10.13	cps
Tin	118-1	2042	1800	1992	1945	6.56	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BL	Instrumnet Name :	P8
Client Sample ID :	PBW864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:11:54	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	300	258	297	12.64	cps
Uranium	238-1	17	33	50	33	50.00	cps
Vanadium	51-2	17	33	20	23	37.78	cps
Ytterbium	172-1	8	33	75	39	86.61	cps
Ytterbium	172-2	11	17	17	15	21.67	cps
Ytterbium	176-1	1275	1317	1225	1272	3.61	cps
Ytterbium	176-2	5318	5507	5346	5390	1.89	cps
Yttrium	89-1	25673430	25308915	25766256	25582867	0.94	cps
Yttrium	89-2	2911299	3018369	2889110	2939593	2.35	cps
Zinc	66-2	653	820	736	736	11.34	cps
Zirconium	90-1	1217	1308	1267	1264	3.63	cps
Zirconium	91-1	233	267	150	217	27.73	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BS	Instrumnet Name :	P8
Client Sample ID :	LCS864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:14:55	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4654	4428	4718	4600	3.31	cps
Antimony	121-1	41940	42876	43303	42706	1.63	cps
Arsenic	75-2	788	753	772	771	2.27	cps
Barium	135-1	51775	52193	52068	52012	0.41	cps
Barium	137-1	94901	92425	92887	93404	1.41	cps
Beryllium	9-1	6236	6072	5872	6060	3.01	cps
Bismuth	209-1	5954539	5603655	5969080	5842425	3.54	cps
Bismuth	209-2	4037523	4084673	4094055	4072084	0.74	cps
Boron	10-1	14721	15571	16228	15507	4.87	cps
Boron	11-1	71387	74821	78495	74901	4.75	cps
Bromine	81-1	24507	25400	24547	24818	2.03	cps
Cadmium	111-1	5701	6111	5821	5878	3.59	cps
Cadmium	106-1	7819	7294	7344	7486	3.87	cps
Cadmium	108-1	533	463	492	496	7.18	cps
Calcium	43-1	43414	43485	43082	43327	0.50	cps
Calcium	44-1	773087	781593	767415	774032	0.92	cps
Carbon	12-1	5343774	5282466	5238248	5288162	1.00	cps
Carbon	12-2	53657	53632	53339	53543	0.33	cps
Chlorine	35-1	739000	715387	691268	715218	3.34	cps
Chlorine	35-2	4693	3976	4234	4301	8.44	cps
Chromium	52-2	18262	18632	18402	18432	1.02	cps
Cobalt	59-2	15312	15655	15609	15525	1.20	cps
Copper	63-2	22982	22064	22939	22662	2.29	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	100	83	75	86	14.78	cps
Erbium	164-2	27	60	17	34	65.86	cps
Gadolinium	160-1	50	58	117	75	48.44	cps
Gadolinium	160-2	67	63	73	68	7.51	cps
Holmium	165-1	11087756	10672876	11011571	10924068	2.02	cps
Holmium	165-2	5914886	5839263	6015261	5923137	1.49	cps
Indium	115-1	10841806	10651344	10804476	10765875	0.94	cps
Indium	115-2	1883342	1889488	1887885	1886905	0.17	cps
Iron	54-2	55742	54888	55954	55528	1.02	cps
Iron	56-2	981617	993120	998348	991028	0.86	cps
Iron	57-2	23225	25072	25234	24510	4.55	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BS	Instrumnet Name :	P8
Client Sample ID :	LCS864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:14:55	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	983	840	948	10.04	cps
Lead	206-1	13913	13452	14225	13863	2.81	cps
Lead	207-1	12251	12406	12434	12364	0.80	cps
Lead	208-1	56232	55336	56059	55876	0.85	cps
Lithium	6-1	4273021	4267534	4331219	4290591	0.82	cps
Magnesium	24-2	303765	303871	304612	304083	0.15	cps
Manganese	55-2	4537	4347	4597	4494	2.91	cps
Molybdenum	94-1	54692	55102	54231	54675	0.80	cps
Molybdenum	95-1	65380	66978	63538	65299	2.64	cps
Molybdenum	96-1	75515	76846	72950	75104	2.64	cps
Molybdenum	97-1	41939	40995	39741	40892	2.70	cps
Molybdenum	98-1	104904	104771	102243	103973	1.44	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	4811	4768	4731	4770	0.84	cps
Phosphorus	31-2	175	100	175	150	28.87	cps
Potassium	39-2	259548	257266	260676	259163	0.67	cps
Rhodium	103-1	10927338	10582593	11035938	10848623	2.18	cps
Rhodium	103-2	5351815	5573786	5603086	5509562	2.49	cps
Scandium	45-1	8630435	8527715	9017877	8725342	2.96	cps
Scandium	45-2	301134	300523	302591	301416	0.35	cps
Selenium	82-1	2368	2376	2507	2417	3.23	cps
Selenium	77-2	93	90	73	86	12.53	cps
Selenium	78-2	353	333	371	352	5.39	cps
Silicon	28-1	775513	776778	766949	773080	0.69	cps
Silver	107-1	29374	29232	29173	29259	0.35	cps
Silver	109-1	27946	28038	28380	28121	0.81	cps
Sodium	23-2	618181	624452	624982	622538	0.61	cps
Strontium	86-1	18730	18237	18663	18543	1.44	cps
Strontium	88-1	150036	149614	146396	148682	1.34	cps
Sulfur	34-1	497287	503891	510677	503952	1.33	cps
Terbium	159-1	11337252	11464560	11604924	11468912	1.17	cps
Terbium	159-2	5727968	5700705	6001441	5810038	2.86	cps
Thallium	203-1	16044	16503	16353	16300	1.44	cps
Thallium	205-1	37906	38867	37363	38046	2.00	cps
Tin	118-1	95719	94837	95140	95232	0.47	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB139864BS	Instrumnet Name :	P8
Client Sample ID :	LCS864	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:14:55	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	22260	21425	22193	21959	2.11	cps
Uranium	238-1	43735	43543	42681	43320	1.30	cps
Vanadium	51-2	35137	34482	34244	34621	1.33	cps
Ytterbium	172-1	33	50	25	36	35.25	cps
Ytterbium	172-2	33	28	11	24	48.04	cps
Ytterbium	176-1	1400	1133	1317	1283	10.63	cps
Ytterbium	176-2	5190	5712	5562	5488	4.90	cps
Yttrium	89-1	27419907	26457574	26634232	26837238	1.91	cps
Yttrium	89-2	2971060	3030204	3122575	3041280	2.51	cps
Zinc	66-2	5981	5940	6060	5994	1.02	cps
Zirconium	90-1	48142	47841	47532	47838	0.64	cps
Zirconium	91-1	9954	10021	10471	10148	2.77	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:17:59	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2225	2302	2231	2253	1.91	cps
Antimony	121-1	20708	19790	20174	20224	2.28	cps
Arsenic	75-2	401	397	375	391	3.58	cps
Barium	135-1	25583	26243	25633	25820	1.42	cps
Barium	137-1	45870	45594	44181	45215	2.00	cps
Beryllium	9-1	2994	2978	2954	2975	0.68	cps
Bismuth	209-1	5974181	6091215	5795427	5953608	2.50	cps
Bismuth	209-2	4134128	3982922	4086348	4067800	1.90	cps
Boron	10-1	8973	9167	9663	9268	3.84	cps
Boron	11-1	43676	45128	46179	44994	2.79	cps
Bromine	81-1	23835	23564	24497	23965	2.00	cps
Cadmium	111-1	3378	3780	3539	3566	5.66	cps
Cadmium	106-1	6752	7302	6710	6921	4.77	cps
Cadmium	108-1	246	275	254	258	5.82	cps
Calcium	43-1	21614	21421	21423	21486	0.52	cps
Calcium	44-1	402022	398528	398634	399728	0.50	cps
Carbon	12-1	5447819	5568800	5478282	5498301	1.14	cps
Carbon	12-2	56183	53456	55890	55177	2.71	cps
Chlorine	35-1	713670	690800	672612	692361	2.97	cps
Chlorine	35-2	4609	3976	3942	4176	9.00	cps
Chromium	52-2	9633	9450	9160	9414	2.54	cps
Cobalt	59-2	7452	7392	7432	7425	0.41	cps
Copper	63-2	11278	11939	11918	11712	3.21	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	83	100	75	86	14.78	cps
Erbium	164-2	30	30	33	31	6.18	cps
Gadolinium	160-1	58	92	83	78	22.31	cps
Gadolinium	160-2	83	107	77	89	17.72	cps
Holmium	165-1	10860248	11040873	11002454	10967858	0.87	cps
Holmium	165-2	5768000	5711385	5897560	5792315	1.65	cps
Indium	115-1	10576583	10977602	10726040	10760075	1.88	cps
Indium	115-2	1891378	1844349	1873122	1869616	1.27	cps
Iron	54-2	9687	9848	10726	10087	5.55	cps
Iron	56-2	171948	172165	173827	172646	0.60	cps
Iron	57-2	4367	4690	4473	4510	3.64	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:17:59	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	917	930	932	1.80	cps
Lead	206-1	7497	7625	7163	7428	3.21	cps
Lead	207-1	6502	6546	6318	6455	1.87	cps
Lead	208-1	29458	29769	29981	29736	0.89	cps
Lithium	6-1	4331501	4393444	4187185	4304044	2.46	cps
Magnesium	24-2	144521	150649	146299	147156	2.14	cps
Manganese	55-2	2324	2317	2277	2306	1.09	cps
Molybdenum	94-1	27319	26935	26459	26904	1.60	cps
Molybdenum	95-1	32522	32205	31896	32208	0.97	cps
Molybdenum	96-1	36315	35454	35563	35777	1.31	cps
Molybdenum	97-1	20774	19765	19097	19879	4.25	cps
Molybdenum	98-1	50242	50937	51220	50800	0.99	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2547	2380	2557	2495	3.98	cps
Phosphorus	31-2	117	183	108	136	30.20	cps
Potassium	39-2	135879	134710	136199	135596	0.58	cps
Rhodium	103-1	10696738	10863000	10852337	10804025	0.86	cps
Rhodium	103-2	5457672	5418903	5523990	5466855	0.97	cps
Scandium	45-1	8903129	8809209	8672946	8795095	1.32	cps
Scandium	45-2	295635	295721	299341	296899	0.71	cps
Selenium	82-1	1244	1208	1218	1223	1.52	cps
Selenium	77-2	40	37	40	39	4.94	cps
Selenium	78-2	190	204	174	189	7.93	cps
Silicon	28-1	680170	674678	678005	677618	0.41	cps
Silver	107-1	14867	14391	15476	14911	3.65	cps
Silver	109-1	13916	13265	13157	13446	3.05	cps
Sodium	23-2	309253	310438	314444	311378	0.87	cps
Strontium	86-1	6360	6268	5926	6185	3.69	cps
Strontium	88-1	42282	41086	40234	41200	2.50	cps
Sulfur	34-1	502323	502936	511253	505504	0.99	cps
Terbium	159-1	11788968	11903856	11285484	11659436	2.82	cps
Terbium	159-2	5779612	5855216	5827715	5820847	0.66	cps
Thallium	203-1	7753	8403	7994	8050	4.08	cps
Thallium	205-1	18347	20291	19332	19323	5.03	cps
Tin	118-1	46890	47919	47717	47509	1.15	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:17:59	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11488	11105	11213	11269	1.75	cps
Uranium	238-1	21093	20834	21135	21021	0.77	cps
Vanadium	51-2	16399	16493	16827	16573	1.35	cps
Ytterbium	172-1	42	17	42	33	43.30	cps
Ytterbium	172-2	28	0	28	19	86.60	cps
Ytterbium	176-1	1408	1417	1300	1375	4.73	cps
Ytterbium	176-2	5273	5985	5501	5586	6.50	cps
Yttrium	89-1	26853191	26392593	26394435	26546740	1.00	cps
Yttrium	89-2	2988755	2920388	3014840	2974661	1.64	cps
Zinc	66-2	2010	2183	2250	2148	5.77	cps
Zirconium	90-1	23596	23228	23036	23287	1.22	cps
Zirconium	91-1	5234	5209	5151	5198	0.82	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : CCV12 Instrumnet Name : P8
 Client Sample ID : CCV12 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:21:05 DataFile Name : 034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4931254	4806851	4722822	4820309	2.18	cps
Antimony	121-1	4995933	5147930	5157573	5100479	1.78	cps
Arsenic	75-2	180326	177776	175818	177973	1.27	cps
Barium	135-1	6344526	6624362	6429642	6466177	2.22	cps
Barium	137-1	10886347	11279409	11096147	11087301	1.77	cps
Beryllium	9-1	1497732	1523201	1525583	1515505	1.02	cps
Bismuth	209-1	5631291	5618372	5659318	5636327	0.37	cps
Bismuth	209-2	3684650	3555974	3588083	3609569	1.86	cps
Boron	10-1	147875	157338	161609	155607	4.52	cps
Boron	11-1	712512	743381	776857	744250	4.32	cps
Bromine	81-1	24487	24477	23855	24273	1.49	cps
Cadmium	111-1	1361136	1372451	1365706	1366431	0.42	cps
Cadmium	106-1	164887	164789	168170	165949	1.16	cps
Cadmium	108-1	108309	108541	108637	108496	0.16	cps
Calcium	43-1	10486574	10412931	10405345	10434950	0.43	cps
Calcium	44-1	177652404	174460326	184692811	178935181	2.93	cps
Carbon	12-1	6586057	6901634	6928730	6805474	2.80	cps
Carbon	12-2	79071	77053	78267	78130	1.30	cps
Chlorine	35-1	745007	722223	705589	724273	2.73	cps
Chlorine	35-2	4617	4718	4451	4595	2.93	cps
Chromium	52-2	2046625	1986498	2082182	2038435	2.37	cps
Cobalt	59-2	3434498	3417831	3361834	3404721	1.12	cps
Copper	63-2	26838760	26270265	26608274	26572433	1.08	cps
Dysprosium	156-1	875	1008	1150	1011	13.60	cps
Dysprosium	156-2	500	523	427	483	10.44	cps
Erbium	164-1	217	200	175	197	10.63	cps
Erbium	164-2	123	87	117	109	17.94	cps
Gadolinium	160-1	742	842	758	781	6.86	cps
Gadolinium	160-2	613	653	450	572	18.83	cps
Holmium	165-1	10571837	10694618	11092966	10786474	2.53	cps
Holmium	165-2	5911247	5815490	5728655	5818464	1.57	cps
Indium	115-1	10249065	10360321	10141367	10250251	1.07	cps
Indium	115-2	1685769	1695977	1648503	1676750	1.49	cps
Iron	54-2	20624982	20087896	20564250	20425709	1.44	cps
Iron	56-2	380020086	368971630	357188241	368726653	3.10	cps
Iron	57-2	9467019	9302290	9157750	9309020	1.66	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:21:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	943	920	942	2.30	cps
Lead	206-1	15948698	15892005	16134794	15991832	0.79	cps
Lead	207-1	13673175	13679187	13712845	13688402	0.16	cps
Lead	208-1	62654394	62938635	63138985	62910671	0.39	cps
Lithium	6-1	4295380	4365671	4399840	4353630	1.22	cps
Magnesium	24-2	72679070	69239829	68881604	70266834	2.98	cps
Manganese	55-2	10464798	10137985	10039543	10214108	2.18	cps
Molybdenum	94-1	13232158	13366227	13485514	13361300	0.95	cps
Molybdenum	95-1	15949514	15932550	16044840	15975635	0.38	cps
Molybdenum	96-1	17724320	18012636	18133198	17956718	1.17	cps
Molybdenum	97-1	9632194	9902963	9765906	9767021	1.39	cps
Molybdenum	98-1	25548217	25327184	25470765	25448722	0.44	cps
Neodymium	150-1	367	373	327	356	7.10	cps
Neodymium	150-2	20	7	23	17	52.90	cps
Nickel	60-2	998737	994172	980278	991063	0.97	cps
Phosphorus	31-2	52019	52462	51266	51916	1.16	cps
Potassium	39-2	28201440	27952196	27791432	27981690	0.74	cps
Rhodium	103-1	9862876	10017979	9918691	9933182	0.79	cps
Rhodium	103-2	4865430	4777548	4617240	4753406	2.65	cps
Scandium	45-1	8397487	8541441	8347481	8428803	1.19	cps
Scandium	45-2	282076	276466	273503	277348	1.57	cps
Selenium	82-1	111533	112808	112883	112408	0.67	cps
Selenium	77-2	3494	3631	3314	3479	4.57	cps
Selenium	78-2	12044	11842	11751	11879	1.26	cps
Silicon	28-1	5424259	5714343	5742174	5626925	3.13	cps
Silver	107-1	7118397	7134039	7239939	7164125	0.92	cps
Silver	109-1	6852156	6616086	6628621	6698955	1.98	cps
Sodium	23-2	139689561	139472461	135410607	138190877	1.74	cps
Strontium	86-1	21476281	21515177	20874361	21288606	1.69	cps
Strontium	88-1	185512500	184878521	180995571	183795530	1.33	cps
Sulfur	34-1	1150875	1148910	1103159	1134314	2.38	cps
Terbium	159-1	11677091	11809168	11686611	11724290	0.63	cps
Terbium	159-2	5610283	5750834	5497435	5619517	2.26	cps
Thallium	203-1	4077739	3978237	4070481	4042152	1.37	cps
Thallium	205-1	9156836	9186322	9235676	9192945	0.43	cps
Tin	118-1	4506848	4635540	4615300	4585896	1.51	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:21:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5177959	5252035	5113973	5181323	1.33	cps
Uranium	238-1	11559612	11693741	11930722	11728025	1.60	cps
Vanadium	51-2	1612752	1606188	1606151	1608364	0.24	cps
Ytterbium	172-1	133	83	100	106	24.12	cps
Ytterbium	172-2	89	61	44	65	34.64	cps
Ytterbium	176-1	19640	19724	19198	19521	1.45	cps
Ytterbium	176-2	14964	14553	14491	14669	1.75	cps
Yttrium	89-1	25474817	25823524	26082186	25793509	1.18	cps
Yttrium	89-2	2897866	2834809	2745984	2826220	2.70	cps
Zinc	66-2	2848171	2784555	2799342	2810689	1.18	cps
Zirconium	90-1	11361562	11583858	11697539	11547653	1.48	cps
Zirconium	91-1	2498835	2624575	2646773	2590061	3.08	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	156	131	145	8.82	cps
Antimony	121-1	333	442	525	433	22.18	cps
Arsenic	75-2	5	13	12	10	43.59	cps
Barium	135-1	17	33	50	33	50.00	cps
Barium	137-1	58	33	83	58	42.87	cps
Beryllium	9-1	80	62	76	73	13.00	cps
Bismuth	209-1	5708590	5832112	6010574	5850425	2.60	cps
Bismuth	209-2	4054238	4152894	4114299	4107144	1.21	cps
Boron	10-1	2458	2092	2076	2208	9.78	cps
Boron	11-1	11710	10608	9719	10679	9.34	cps
Bromine	81-1	24758	24026	24417	24400	1.50	cps
Cadmium	111-1	600	636	602	613	3.28	cps
Cadmium	106-1	5735	6077	5927	5913	2.90	cps
Cadmium	108-1	33	25	46	35	30.20	cps
Calcium	43-1	398	413	454	422	6.92	cps
Calcium	44-1	45676	45684	45508	45623	0.22	cps
Carbon	12-1	5116315	4947773	5004192	5022760	1.71	cps
Carbon	12-2	51483	50580	51039	51034	0.88	cps
Chlorine	35-1	780661	739601	712366	744209	4.62	cps
Chlorine	35-2	4701	4259	4801	4587	6.29	cps
Chromium	52-2	1103	933	1003	1013	8.43	cps
Cobalt	59-2	60	100	73	78	26.19	cps
Copper	63-2	1017	1053	883	984	9.09	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	13	60	40	38	61.98	cps
Gadolinium	160-1	92	58	92	81	23.89	cps
Gadolinium	160-2	93	57	70	73	25.30	cps
Holmium	165-1	10662602	10708129	10678356	10683029	0.22	cps
Holmium	165-2	5676270	5925803	5822454	5808176	2.16	cps
Indium	115-1	10189862	10813193	10882462	10628506	3.59	cps
Indium	115-2	1812784	1824858	1832313	1823318	0.54	cps
Iron	54-2	650	711	889	750	16.55	cps
Iron	56-2	5896	5857	7063	6272	10.93	cps
Iron	57-2	222	272	228	241	11.38	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	920	983	870	924	6.14	cps
Lead	206-1	1439	1356	1595	1463	8.29	cps
Lead	207-1	1322	1189	1317	1276	5.91	cps
Lead	208-1	6006	5473	6295	5925	7.04	cps
Lithium	6-1	4153224	4273700	4270298	4232407	1.62	cps
Magnesium	24-2	458	542	600	533	13.35	cps
Manganese	55-2	157	153	140	150	5.88	cps
Molybdenum	94-1	367	492	600	486	24.02	cps
Molybdenum	95-1	233	142	175	183	25.31	cps
Molybdenum	96-1	350	333	325	336	3.79	cps
Molybdenum	97-1	83	125	75	94	28.36	cps
Molybdenum	98-1	258	258	192	236	16.30	cps
Neodymium	150-1	33	7	13	18	78.05	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	307	217	307	277	18.78	cps
Phosphorus	31-2	142	175	150	156	11.15	cps
Potassium	39-2	22535	21809	23102	22482	2.88	cps
Rhodium	103-1	10338882	10702489	10656721	10566031	1.87	cps
Rhodium	103-2	5357889	5249424	5432941	5346751	1.73	cps
Scandium	45-1	8547939	8432644	8457555	8479379	0.72	cps
Scandium	45-2	285525	291003	292033	289520	1.21	cps
Selenium	82-1	34	-60	81	18	390.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	84	85	58	76	20.23	cps
Silicon	28-1	537403	535519	539451	537458	0.37	cps
Silver	107-1	408	442	475	442	7.55	cps
Silver	109-1	325	333	292	317	6.96	cps
Sodium	23-2	27117	27718	26116	26984	3.00	cps
Strontium	86-1	1675	1575	1600	1617	3.22	cps
Strontium	88-1	1109	992	867	989	12.23	cps
Sulfur	34-1	486051	491146	492650	489949	0.71	cps
Terbium	159-1	11351015	11728170	11818089	11632425	2.13	cps
Terbium	159-2	5742932	5838883	5938922	5840246	1.68	cps
Thallium	203-1	542	633	733	636	15.07	cps
Thallium	205-1	1250	1367	1258	1292	5.04	cps
Tin	118-1	1592	1450	1600	1547	5.45	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	192	300	242	22.61	cps
Uranium	238-1	33	67	42	47	36.74	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Ytterbium	172-1	25	58	58	47	40.76	cps
Ytterbium	172-2	6	22	22	17	57.71	cps
Ytterbium	176-1	1325	1067	1183	1192	10.86	cps
Ytterbium	176-2	5279	5768	5746	5598	4.93	cps
Yttrium	89-1	25050795	25936039	25971009	25652614	2.03	cps
Yttrium	89-2	2917558	2979250	2923717	2940175	1.16	cps
Zinc	66-2	620	593	710	641	9.55	cps
Zirconium	90-1	1108	1067	1442	1206	17.05	cps
Zirconium	91-1	225	242	242	236	4.07	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-01	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:35:41	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228737	222048	224801	225196	1.49	cps
Antimony	121-1	4984	5176	5201	5121	2.32	cps
Arsenic	75-2	12722	12480	12852	12685	1.49	cps
Barium	135-1	509395	521987	514557	515313	1.23	cps
Barium	137-1	895015	912393	900375	902594	0.99	cps
Beryllium	9-1	786	798	858	814	4.74	cps
Bismuth	209-1	5790150	5769725	5752643	5770839	0.33	cps
Bismuth	209-2	3899307	3838300	3909596	3882401	0.99	cps
Boron	10-1	34225	36741	36819	35928	4.11	cps
Boron	11-1	168249	175637	182668	175518	4.11	cps
Bromine	81-1	136196	160735	177210	158047	13.06	cps
Cadmium	111-1	841	894	958	898	6.51	cps
Cadmium	106-1	6769	7135	6960	6955	2.64	cps
Cadmium	108-1	117	117	108	114	4.22	cps
Calcium	43-1	1060993	1058286	1043486	1054255	0.89	cps
Calcium	44-1	17925023	18427960	18135474	18162819	1.39	cps
Carbon	12-1	24699168	26222034	27320284	26080496	5.05	cps
Carbon	12-2	298020	296266	300600	298295	0.73	cps
Chlorine	35-1	1334281	1426967	1531194	1430814	6.89	cps
Chlorine	35-2	11338	11188	11964	11497	3.58	cps
Chromium	52-2	40688	40089	41059	40612	1.20	cps
Cobalt	59-2	71251	70520	71536	71102	0.74	cps
Copper	63-2	104485	103283	104998	104255	0.84	cps
Dysprosium	156-1	18755	18054	17812	18207	2.69	cps
Dysprosium	156-2	9220	9367	9463	9350	1.31	cps
Erbium	164-1	15559	15434	14425	15140	4.11	cps
Erbium	164-2	7702	7739	7822	7755	0.79	cps
Gadolinium	160-1	18271	18246	18188	18235	0.24	cps
Gadolinium	160-2	10828	11135	11128	11030	1.59	cps
Holmium	165-1	10878155	11090108	10641964	10870076	2.06	cps
Holmium	165-2	5828291	5713675	5948708	5830225	2.02	cps
Indium	115-1	10549092	10673884	10366566	10529847	1.47	cps
Indium	115-2	1738345	1734570	1798408	1757108	2.04	cps
Iron	54-2	23387081	23569071	23974225	23643459	1.27	cps
Iron	56-2	429404876	425808221	427810498	427674532	0.42	cps
Iron	57-2	10728394	10703849	10789480	10740574	0.41	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-01	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:35:41	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1033	923	989	5.86	cps
Lead	206-1	53276	52551	51637	52488	1.57	cps
Lead	207-1	42091	43758	43111	42986	1.96	cps
Lead	208-1	204457	204873	198578	202636	1.74	cps
Lithium	6-1	4252081	4197681	4152525	4200763	1.19	cps
Magnesium	24-2	3111989	3086773	3055294	3084685	0.92	cps
Manganese	55-2	6161990	6101655	6251837	6171827	1.22	cps
Molybdenum	94-1	24030	23045	22385	23153	3.57	cps
Molybdenum	95-1	21985	21634	21793	21804	0.81	cps
Molybdenum	96-1	34736	34427	34360	34508	0.58	cps
Molybdenum	97-1	13223	13782	12498	13168	4.89	cps
Molybdenum	98-1	33750	34360	34443	34184	1.11	cps
Neodymium	150-1	28450	28691	28437	28526	0.50	cps
Neodymium	150-2	10391	10988	10341	10573	3.41	cps
Nickel	60-2	33827	33723	33456	33669	0.57	cps
Phosphorus	31-2	5943	4884	5284	5371	9.95	cps
Potassium	39-2	692087	703526	689117	694910	1.09	cps
Rhodium	103-1	10236787	10625879	10362776	10408480	1.91	cps
Rhodium	103-2	5016601	5048352	5120568	5061840	1.05	cps
Scandium	45-1	8488783	9040290	8367621	8632231	4.15	cps
Scandium	45-2	282394	282003	284235	282878	0.42	cps
Selenium	82-1	333	280	431	348	22.04	cps
Selenium	77-2	67	90	83	80	15.02	cps
Selenium	78-2	143	146	165	151	7.88	cps
Silicon	28-1	103332884	104171154	103413277	103639105	0.45	cps
Silver	107-1	3401	2884	3267	3184	8.43	cps
Silver	109-1	2759	3242	3301	3100	9.59	cps
Sodium	23-2	18331354	18123860	17646106	18033773	1.95	cps
Strontium	86-1	554077	560716	545097	553296	1.42	cps
Strontium	88-1	4777792	4796889	4612064	4728915	2.15	cps
Sulfur	34-1	3379704	3494265	3395920	3423296	1.81	cps
Terbium	159-1	11463962	11509637	11219446	11397682	1.37	cps
Terbium	159-2	5650138	5704537	5751910	5702195	0.89	cps
Thallium	203-1	892	958	875	908	4.85	cps
Thallium	205-1	2025	2359	2292	2225	7.93	cps
Tin	118-1	11297	11630	11238	11388	1.86	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-01	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:35:41	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	163513	162943	146499	157652	6.13	cps
Uranium	238-1	10413	11122	10955	10830	3.42	cps
Vanadium	51-2	38722	38335	39331	38796	1.29	cps
Ytterbium	172-1	5210	5168	5001	5126	2.15	cps
Ytterbium	172-2	3156	2995	3206	3119	3.54	cps
Ytterbium	176-1	4418	4709	4359	4495	4.17	cps
Ytterbium	176-2	7441	7297	7258	7332	1.32	cps
Yttrium	89-1	25939970	26381409	25663398	25994925	1.39	cps
Yttrium	89-2	2905090	2905356	2936252	2915566	0.61	cps
Zinc	66-2	49297	48622	48771	48896	0.73	cps
Zirconium	90-1	31329	33027	29325	31227	5.93	cps
Zirconium	91-1	6352	6560	7161	6691	6.28	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-02	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210770	213661	212117	212183	0.68	cps
Antimony	121-1	4334	4709	4568	4537	4.18	cps
Arsenic	75-2	11783	11771	11666	11740	0.55	cps
Barium	135-1	483598	488991	485310	485966	0.57	cps
Barium	137-1	864337	853686	818848	845624	2.81	cps
Beryllium	9-1	778	778	714	757	4.88	cps
Bismuth	209-1	5930656	6027695	5562709	5840353	4.20	cps
Bismuth	209-2	3809324	3737752	3772503	3773193	0.95	cps
Boron	10-1	34067	36155	36368	35530	3.58	cps
Boron	11-1	167406	170681	176869	171652	2.80	cps
Bromine	81-1	146233	162499	182857	163863	11.20	cps
Cadmium	111-1	811	810	803	808	0.54	cps
Cadmium	106-1	6577	6535	6335	6482	1.99	cps
Cadmium	108-1	150	92	121	121	24.14	cps
Calcium	43-1	1004220	994864	966793	988625	1.97	cps
Calcium	44-1	17054069	17107081	16607422	16922857	1.62	cps
Carbon	12-1	23686003	25239739	24926895	24617546	3.34	cps
Carbon	12-2	267538	272259	273728	271175	1.19	cps
Chlorine	35-1	1601242	1681962	1782154	1688453	5.37	cps
Chlorine	35-2	13081	13265	12606	12984	2.62	cps
Chromium	52-2	38656	38301	37807	38254	1.11	cps
Cobalt	59-2	65570	66106	67134	66270	1.20	cps
Copper	63-2	97264	98358	97294	97639	0.64	cps
Dysprosium	156-1	18013	16335	16803	17050	5.08	cps
Dysprosium	156-2	8329	8973	8499	8601	3.88	cps
Erbium	164-1	13958	14492	14208	14219	1.88	cps
Erbium	164-2	7269	7075	6575	6973	5.13	cps
Gadolinium	160-1	18079	17362	17278	17573	2.51	cps
Gadolinium	160-2	9997	10094	9814	9968	1.43	cps
Holmium	165-1	10944193	11187022	10556517	10895911	2.92	cps
Holmium	165-2	5789944	5610548	5756732	5719075	1.67	cps
Indium	115-1	10955994	10788525	10411125	10718548	2.60	cps
Indium	115-2	1730625	1722755	1766057	1739812	1.33	cps
Iron	54-2	21810571	21688304	21816830	21771902	0.33	cps
Iron	56-2	389273686	392904242	389575742	390584557	0.52	cps
Iron	57-2	10129721	10103241	10081183	10104715	0.24	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-02	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	960	943	958	1.41	cps
Lead	206-1	49628	49445	47091	48722	2.90	cps
Lead	207-1	42420	40045	39549	40672	3.77	cps
Lead	208-1	193281	192913	186033	190742	2.14	cps
Lithium	6-1	4434156	4238236	3986863	4219752	5.31	cps
Magnesium	24-2	2866020	2897625	2937387	2900344	1.23	cps
Manganese	55-2	5746325	5722232	5650932	5706496	0.87	cps
Molybdenum	94-1	21918	22093	21968	21993	0.41	cps
Molybdenum	95-1	20216	20290	20791	20432	1.53	cps
Molybdenum	96-1	32163	31462	31545	31723	1.21	cps
Molybdenum	97-1	13040	12231	11839	12370	4.95	cps
Molybdenum	98-1	32882	30810	31612	31768	3.29	cps
Neodymium	150-1	27061	26640	25898	26533	2.22	cps
Neodymium	150-2	9393	9804	9604	9600	2.14	cps
Nickel	60-2	31899	31131	31361	31464	1.25	cps
Phosphorus	31-2	5193	4993	4884	5023	3.11	cps
Potassium	39-2	650638	651117	638949	646901	1.07	cps
Rhodium	103-1	10481405	10434303	9912717	10276142	3.07	cps
Rhodium	103-2	5098182	4961135	5194692	5084670	2.31	cps
Scandium	45-1	8497751	8490382	8344029	8444054	1.03	cps
Scandium	45-2	281382	284904	280397	282228	0.84	cps
Selenium	82-1	383	405	373	387	4.24	cps
Selenium	77-2	70	110	90	90	22.22	cps
Selenium	78-2	133	145	132	137	5.30	cps
Silicon	28-1	98440806	99382696	96853308	98225604	1.30	cps
Silver	107-1	2725	2800	3009	2845	5.16	cps
Silver	109-1	2717	2517	2909	2714	7.22	cps
Sodium	23-2	16915863	17260895	17141628	17106129	1.02	cps
Strontium	86-1	524964	513558	521475	519999	1.12	cps
Strontium	88-1	4507127	4454602	4345853	4435861	1.85	cps
Sulfur	34-1	3311663	3260784	3299440	3290629	0.81	cps
Terbium	159-1	11695060	11708405	10920768	11441411	3.94	cps
Terbium	159-2	5762403	5613349	5594115	5656623	1.63	cps
Thallium	203-1	692	625	825	714	14.26	cps
Thallium	205-1	1900	1917	1667	1828	7.65	cps
Tin	118-1	11522	11097	10604	11074	4.15	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-02	Instrumnet Name :	P8
Client Sample ID :	P257-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	144655	143662	140881	143066	1.37	cps
Uranium	238-1	10571	10071	9571	10071	4.97	cps
Vanadium	51-2	35641	36891	35096	35876	2.56	cps
Ytterbium	172-1	5476	5076	4443	4998	10.43	cps
Ytterbium	172-2	2795	2767	2823	2795	0.99	cps
Ytterbium	176-1	4784	3926	4367	4359	9.85	cps
Ytterbium	176-2	7008	7274	7369	7217	2.60	cps
Yttrium	89-1	26395190	26464514	25539355	26133020	1.97	cps
Yttrium	89-2	2917525	2843282	2908769	2889859	1.40	cps
Zinc	66-2	45713	46647	46271	46211	1.02	cps
Zirconium	90-1	36004	26334	24589	28976	21.22	cps
Zirconium	91-1	6310	5943	5793	6015	4.42	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:42:53	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37104	37535	39668	38102	3.60	cps
Antimony	121-1	3626	3367	3292	3428	5.10	cps
Arsenic	75-2	360	379	414	384	7.13	cps
Barium	135-1	150272	149278	144904	148151	1.93	cps
Barium	137-1	259161	254133	256794	256696	0.98	cps
Beryllium	9-1	114	90	128	111	17.37	cps
Bismuth	209-1	5870986	6038386	5831076	5913483	1.86	cps
Bismuth	209-2	3765565	3848018	3955169	3856250	2.47	cps
Boron	10-1	29065	31323	31700	30696	4.64	cps
Boron	11-1	142415	147171	157215	148934	5.07	cps
Bromine	81-1	110969	121881	129314	120722	7.64	cps
Cadmium	111-1	733	746	690	723	4.01	cps
Cadmium	106-1	6335	6785	6110	6410	5.36	cps
Cadmium	108-1	67	71	42	60	26.41	cps
Calcium	43-1	1282162	1250797	1237921	1256960	1.81	cps
Calcium	44-1	21089563	21425308	20305085	20939985	2.75	cps
Carbon	12-1	13516202	14191494	15040737	14249477	5.36	cps
Carbon	12-2	165527	163861	170263	166550	1.99	cps
Chlorine	35-1	2326428	2468730	2536046	2443735	4.38	cps
Chlorine	35-2	18204	20073	19897	19391	5.32	cps
Chromium	52-2	22908	22908	22952	22923	0.11	cps
Cobalt	59-2	3220	3310	3214	3248	1.66	cps
Copper	63-2	37175	37095	37372	37214	0.38	cps
Dysprosium	156-1	1433	1358	1200	1331	8.95	cps
Dysprosium	156-2	617	680	743	680	9.31	cps
Erbium	164-1	850	858	1008	906	9.84	cps
Erbium	164-2	467	447	413	442	6.09	cps
Gadolinium	160-1	1433	1467	1292	1397	6.65	cps
Gadolinium	160-2	807	847	837	830	2.51	cps
Holmium	165-1	10624871	11304936	10701328	10877045	3.42	cps
Holmium	165-2	5564184	5718404	5871921	5718170	2.69	cps
Indium	115-1	10732324	10748574	10532289	10671062	1.13	cps
Indium	115-2	1720421	1795247	1799923	1771864	2.52	cps
Iron	54-2	173413	174761	180685	176286	2.19	cps
Iron	56-2	3223718	3255036	3341182	3273312	1.86	cps
Iron	57-2	81557	78426	82549	80844	2.66	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:42:53	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	883	1010	970	954	6.78	cps
Lead	206-1	14108	14297	13791	14065	1.82	cps
Lead	207-1	11989	11783	11683	11819	1.32	cps
Lead	208-1	55653	55392	54246	55097	1.36	cps
Lithium	6-1	4429022	4294556	4102017	4275199	3.84	cps
Magnesium	24-2	2905695	3031208	3040873	2992592	2.52	cps
Manganese	55-2	209703	217144	217351	214733	2.03	cps
Molybdenum	94-1	9445	9095	9704	9415	3.25	cps
Molybdenum	95-1	12523	13015	12531	12689	2.22	cps
Molybdenum	96-1	13932	14641	13699	14091	3.48	cps
Molybdenum	97-1	7869	8136	7461	7822	4.35	cps
Molybdenum	98-1	19564	20182	19197	19648	2.53	cps
Neodymium	150-1	1007	1367	1320	1231	15.90	cps
Neodymium	150-2	537	470	387	464	16.18	cps
Nickel	60-2	5148	4964	5221	5111	2.59	cps
Phosphorus	31-2	3000	2550	2900	2817	8.39	cps
Potassium	39-2	840463	845048	865609	850373	1.57	cps
Rhodium	103-1	10364076	10678715	9941095	10327962	3.58	cps
Rhodium	103-2	5081064	5160685	5268309	5170019	1.82	cps
Scandium	45-1	8431156	8632863	8340071	8468030	1.77	cps
Scandium	45-2	277297	280911	288372	282193	2.00	cps
Selenium	82-1	130	-32	57	52	156.74	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	69	75	83	76	9.28	cps
Silicon	28-1	39240694	37805563	37693121	38246459	2.26	cps
Silver	107-1	667	733	833	744	11.27	cps
Silver	109-1	575	725	575	625	13.86	cps
Sodium	23-2	20766926	20818493	21278487	20954636	1.34	cps
Strontium	86-1	726145	732965	720964	726691	0.83	cps
Strontium	88-1	6320987	6295135	6066526	6227549	2.25	cps
Sulfur	34-1	1128967	1103452	1080450	1104290	2.20	cps
Terbium	159-1	11774680	11543799	11149527	11489335	2.75	cps
Terbium	159-2	5582381	5705158	5766290	5684610	1.65	cps
Thallium	203-1	417	433	450	433	3.85	cps
Thallium	205-1	1183	942	892	1006	15.51	cps
Tin	118-1	5968	5493	5835	5765	4.25	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:42:53	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	29492	27912	28279	28561	2.89	cps
Uranium	238-1	5318	5376	5276	5324	0.94	cps
Vanadium	51-2	5651	5875	5658	5728	2.22	cps
Ytterbium	172-1	383	392	375	383	2.17	cps
Ytterbium	172-2	156	228	189	191	18.95	cps
Ytterbium	176-1	1600	1683	1292	1525	13.53	cps
Ytterbium	176-2	5401	5329	5668	5466	3.27	cps
Yttrium	89-1	26589740	26517853	25553680	26220424	2.21	cps
Yttrium	89-2	2788965	2833677	2918973	2847205	2.32	cps
Zinc	66-2	32080	32230	33584	32631	2.54	cps
Zirconium	90-1	5418	5543	5560	5507	1.41	cps
Zirconium	91-1	1150	1225	1233	1203	3.82	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:46:15	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36058	36388	35000	35815	2.02	cps
Antimony	121-1	3526	3259	3184	3323	5.41	cps
Arsenic	75-2	380	328	395	368	9.56	cps
Barium	135-1	141881	139652	141210	140914	0.81	cps
Barium	137-1	246243	249361	250824	248809	0.94	cps
Beryllium	9-1	134	114	142	130	11.09	cps
Bismuth	209-1	6091567	6185127	5775354	6017349	3.57	cps
Bismuth	209-2	4028121	3975609	4010065	4004598	0.67	cps
Boron	10-1	28474	29283	31103	29620	4.55	cps
Boron	11-1	135651	146587	151472	144570	5.60	cps
Bromine	81-1	97124	110484	120194	109267	10.60	cps
Cadmium	111-1	659	743	701	701	6.03	cps
Cadmium	106-1	6235	6552	6268	6352	2.74	cps
Cadmium	108-1	75	29	54	53	43.48	cps
Calcium	43-1	1196625	1189695	1158842	1181720	1.70	cps
Calcium	44-1	20222821	19916478	19953509	20030936	0.83	cps
Carbon	12-1	12565525	13651256	14632339	13616373	7.59	cps
Carbon	12-2	156580	157160	158603	157448	0.66	cps
Chlorine	35-1	2614073	2687571	2788365	2696670	3.24	cps
Chlorine	35-2	19672	20807	20765	20415	3.15	cps
Chromium	52-2	21516	21944	22217	21892	1.61	cps
Cobalt	59-2	3200	3077	3087	3121	2.20	cps
Copper	63-2	36413	35020	35394	35609	2.03	cps
Dysprosium	156-1	1208	1217	1142	1189	3.46	cps
Dysprosium	156-2	680	603	603	629	7.04	cps
Erbium	164-1	975	983	825	928	9.60	cps
Erbium	164-2	443	437	363	414	10.71	cps
Gadolinium	160-1	1417	1442	1208	1356	9.45	cps
Gadolinium	160-2	807	903	730	813	10.68	cps
Holmium	165-1	11023562	11259410	11180764	11154579	1.08	cps
Holmium	165-2	6004695	5885978	5772618	5887764	1.97	cps
Indium	115-1	10892192	11053563	10509835	10818530	2.58	cps
Indium	115-2	1841985	1794561	1811243	1815930	1.32	cps
Iron	54-2	169089	169792	169761	169547	0.23	cps
Iron	56-2	3181136	3140243	3124295	3148558	0.93	cps
Iron	57-2	78096	78649	76918	77888	1.14	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:46:15	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	843	1043	860	916	12.12	cps
Lead	206-1	13524	13574	12923	13340	2.71	cps
Lead	207-1	11311	11672	11494	11492	1.57	cps
Lead	208-1	52464	52976	51580	52340	1.35	cps
Lithium	6-1	4418526	4331532	4489432	4413164	1.79	cps
Magnesium	24-2	2882350	2861025	2818677	2854017	1.14	cps
Manganese	55-2	206369	202110	202240	203573	1.19	cps
Molybdenum	94-1	9146	8728	9012	8962	2.38	cps
Molybdenum	95-1	12005	12373	12531	12303	2.19	cps
Molybdenum	96-1	13006	12423	14166	13198	6.72	cps
Molybdenum	97-1	7527	7227	7852	7536	4.15	cps
Molybdenum	98-1	19681	19105	18446	19077	3.24	cps
Neodymium	150-1	1093	1120	1313	1176	10.21	cps
Neodymium	150-2	507	417	400	441	13.01	cps
Nickel	60-2	5134	4898	5158	5063	2.84	cps
Phosphorus	31-2	3250	2750	2867	2956	8.85	cps
Potassium	39-2	816494	816016	820667	817726	0.31	cps
Rhodium	103-1	10695951	11023888	10358839	10692893	3.11	cps
Rhodium	103-2	5328519	5276518	5276343	5293793	0.57	cps
Scandium	45-1	8626309	8694518	8548851	8623226	0.85	cps
Scandium	45-2	286862	285293	285709	285955	0.28	cps
Selenium	82-1	128	55	169	118	49.10	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	73	79	78	77	4.19	cps
Silicon	28-1	36387511	35991356	36576566	36318478	0.82	cps
Silver	107-1	708	775	692	725	6.08	cps
Silver	109-1	550	650	600	600	8.33	cps
Sodium	23-2	20092590	20039168	19895948	20009236	0.51	cps
Strontium	86-1	681980	687793	700504	690092	1.37	cps
Strontium	88-1	5873763	5883706	5928211	5895227	0.49	cps
Sulfur	34-1	1073526	1050330	1050930	1058262	1.25	cps
Terbium	159-1	11690200	12120103	11588242	11799515	2.39	cps
Terbium	159-2	5903410	5781473	5895636	5860173	1.16	cps
Thallium	203-1	375	433	408	406	7.22	cps
Thallium	205-1	858	867	883	870	1.46	cps
Tin	118-1	5293	4918	5451	5221	5.25	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:46:15	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	28039	27641	26676	27452	2.55	cps
Uranium	238-1	5051	4926	5193	5057	2.64	cps
Vanadium	51-2	5801	5398	5601	5600	3.60	cps
Ytterbium	172-1	425	375	342	381	11.02	cps
Ytterbium	172-2	161	167	244	191	24.43	cps
Ytterbium	176-1	1642	1483	1642	1589	5.75	cps
Ytterbium	176-2	5512	5718	5863	5698	3.09	cps
Yttrium	89-1	26409648	27167590	25671160	26416132	2.83	cps
Yttrium	89-2	2974106	2884981	2952482	2937190	1.58	cps
Zinc	66-2	30801	31189	30805	30932	0.72	cps
Zirconium	90-1	5518	9095	4601	6405	37.07	cps
Zirconium	91-1	1283	1150	1033	1156	10.83	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:49:09	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17606	17427	16596	17210	3.13	cps
Antimony	121-1	1342	1175	1267	1261	6.62	cps
Arsenic	75-2	222	234	229	228	2.64	cps
Barium	135-1	130014	130638	131057	130569	0.40	cps
Barium	137-1	234185	233586	236806	234859	0.73	cps
Beryllium	9-1	90	100	108	99	9.08	cps
Bismuth	209-1	6182938	6106342	6142676	6143985	0.62	cps
Bismuth	209-2	4031117	4019526	4077064	4042569	0.75	cps
Boron	10-1	18560	18716	19233	18836	1.87	cps
Boron	11-1	87549	90778	94235	90854	3.68	cps
Bromine	81-1	81590	90382	97053	89675	8.65	cps
Cadmium	111-1	647	699	725	690	5.71	cps
Cadmium	106-1	6535	6735	6860	6710	2.44	cps
Cadmium	108-1	63	42	46	50	22.05	cps
Calcium	43-1	1221875	1205228	1219821	1215641	0.75	cps
Calcium	44-1	20298190	20133666	20382938	20271598	0.63	cps
Carbon	12-1	12332657	13283603	13764835	13127031	5.55	cps
Carbon	12-2	149895	153665	154658	152739	1.65	cps
Chlorine	35-1	2602695	2737237	2823178	2721037	4.08	cps
Chlorine	35-2	21333	21283	20557	21057	2.06	cps
Chromium	52-2	2704	2587	2700	2664	2.49	cps
Cobalt	59-2	1610	1493	1487	1530	4.53	cps
Copper	63-2	9030	9256	9163	9150	1.25	cps
Dysprosium	156-1	542	642	450	544	17.61	cps
Dysprosium	156-2	290	320	307	306	4.92	cps
Erbium	164-1	642	667	500	603	14.91	cps
Erbium	164-2	223	310	240	258	17.84	cps
Gadolinium	160-1	700	1125	742	856	27.40	cps
Gadolinium	160-2	447	420	547	471	14.17	cps
Holmium	165-1	11069886	11171394	11185647	11142309	0.57	cps
Holmium	165-2	5957278	5806735	5985429	5916481	1.62	cps
Indium	115-1	10850102	10967292	10796466	10871287	0.80	cps
Indium	115-2	1860174	1851201	1825038	1845471	0.99	cps
Iron	54-2	52591	52265	50718	51858	1.93	cps
Iron	56-2	987810	905524	908917	934084	4.98	cps
Iron	57-2	24633	23921	24099	24217	1.53	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:49:09	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	930	973	946	2.55	cps
Lead	206-1	3651	3662	3567	3627	1.42	cps
Lead	207-1	2895	3200	3195	3097	5.65	cps
Lead	208-1	14670	14654	14648	14657	0.08	cps
Lithium	6-1	4531886	4481179	4209221	4407429	3.94	cps
Magnesium	24-2	3154237	3147610	3055056	3118967	1.78	cps
Manganese	55-2	77124	77378	76869	77124	0.33	cps
Molybdenum	94-1	4084	4468	5037	4530	10.59	cps
Molybdenum	95-1	5451	5193	5168	5271	2.98	cps
Molybdenum	96-1	5968	5951	5743	5888	2.13	cps
Molybdenum	97-1	3451	3442	3042	3312	7.05	cps
Molybdenum	98-1	9403	8961	8411	8925	5.57	cps
Neodymium	150-1	880	560	653	698	23.58	cps
Neodymium	150-2	253	243	220	239	7.16	cps
Nickel	60-2	1417	1540	1427	1461	4.69	cps
Phosphorus	31-2	500	450	442	464	6.80	cps
Potassium	39-2	612780	611797	593536	606038	1.79	cps
Rhodium	103-1	10768042	10697115	10748171	10737776	0.34	cps
Rhodium	103-2	5274610	5291501	5307218	5291110	0.31	cps
Scandium	45-1	8784283	8648947	8831412	8754881	1.08	cps
Scandium	45-2	291219	289260	292249	290909	0.52	cps
Selenium	82-1	99	86	10	65	73.92	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	77	67	86	77	12.40	cps
Silicon	28-1	35858623	37042194	35548676	36149831	2.18	cps
Silver	107-1	233	175	192	200	15.02	cps
Silver	109-1	100	100	142	114	21.12	cps
Sodium	23-2	16071751	16389573	15979862	16147062	1.33	cps
Strontium	86-1	705565	695333	697061	699320	0.78	cps
Strontium	88-1	6098542	5960489	6079395	6046142	1.24	cps
Sulfur	34-1	922437	927628	926354	925473	0.29	cps
Terbium	159-1	11690999	11982406	11488223	11720542	2.12	cps
Terbium	159-2	5749410	6016807	5924177	5896798	2.30	cps
Thallium	203-1	400	350	383	378	6.74	cps
Thallium	205-1	833	850	733	806	7.83	cps
Tin	118-1	2209	2467	2209	2295	6.50	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:49:09	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15036	27583	12223	18280	44.74	cps
Uranium	238-1	6285	5985	6168	6146	2.46	cps
Vanadium	51-2	3724	3434	3520	3559	4.18	cps
Ytterbium	172-1	308	292	292	297	3.24	cps
Ytterbium	172-2	189	128	156	157	19.44	cps
Ytterbium	176-1	1633	1633	1583	1617	1.79	cps
Ytterbium	176-2	5235	5874	5562	5557	5.75	cps
Yttrium	89-1	26556552	26552243	26876662	26661819	0.70	cps
Yttrium	89-2	2942961	2929810	2933855	2935542	0.23	cps
Zinc	66-2	10990	10460	10780	10743	2.48	cps
Zirconium	90-1	2467	2975	2975	2806	10.46	cps
Zirconium	91-1	717	634	633	661	7.27	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:55:07	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16974	16241	16964	16726	2.51	cps
Antimony	121-1	1308	1300	1242	1283	2.83	cps
Arsenic	75-2	273	247	210	243	13.01	cps
Barium	135-1	126616	129948	127783	128116	1.32	cps
Barium	137-1	223565	222497	222987	223016	0.24	cps
Beryllium	9-1	120	92	80	97	21.09	cps
Bismuth	209-1	5908922	5897938	5966481	5924447	0.62	cps
Bismuth	209-2	4079686	4148321	4133833	4120613	0.88	cps
Boron	10-1	15759	16082	16364	16068	1.88	cps
Boron	11-1	73930	77716	81553	77733	4.90	cps
Bromine	81-1	68840	80885	86001	78575	11.21	cps
Cadmium	111-1	734	643	601	659	10.35	cps
Cadmium	106-1	6493	6277	5893	6221	4.89	cps
Cadmium	108-1	33	50	67	50	33.34	cps
Calcium	43-1	1184385	1197631	1176924	1186314	0.88	cps
Calcium	44-1	19538356	19724911	19458971	19574079	0.70	cps
Carbon	12-1	11197892	12077582	12915209	12063561	7.12	cps
Carbon	12-2	144256	144985	145787	145009	0.53	cps
Chlorine	35-1	2280802	2470269	2476709	2409260	4.62	cps
Chlorine	35-2	18496	19413	18821	18910	2.46	cps
Chromium	52-2	2617	2694	2680	2664	1.54	cps
Cobalt	59-2	1343	1367	1560	1423	8.36	cps
Copper	63-2	8776	9086	9093	8985	2.02	cps
Dysprosium	156-1	658	692	508	619	15.77	cps
Dysprosium	156-2	320	347	323	330	4.40	cps
Erbium	164-1	567	608	683	619	9.54	cps
Erbium	164-2	267	293	307	289	7.05	cps
Gadolinium	160-1	833	808	608	750	16.44	cps
Gadolinium	160-2	410	537	367	438	20.18	cps
Holmium	165-1	11125071	11418221	11214751	11252681	1.33	cps
Holmium	165-2	6046072	6047716	6037870	6043886	0.09	cps
Indium	115-1	10855794	11127381	10619670	10867615	2.34	cps
Indium	115-2	1865719	1858362	1880438	1868173	0.60	cps
Iron	54-2	50568	49202	52499	50756	3.26	cps
Iron	56-2	906137	898565	910591	905098	0.67	cps
Iron	57-2	23737	24343	23336	23805	2.13	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:55:07	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	967	960	969	1.05	cps
Lead	206-1	4084	3840	3728	3884	4.68	cps
Lead	207-1	3434	2962	3234	3210	7.39	cps
Lead	208-1	15698	14153	14409	14754	5.61	cps
Lithium	6-1	4607424	4656879	4481659	4581987	1.97	cps
Magnesium	24-2	2921698	2983463	2995010	2966724	1.33	cps
Manganese	55-2	73673	75022	75519	74738	1.28	cps
Molybdenum	94-1	4201	4418	6815	5144	28.20	cps
Molybdenum	95-1	5676	5243	5026	5315	6.23	cps
Molybdenum	96-1	6043	6068	5951	6021	1.02	cps
Molybdenum	97-1	3359	3467	3326	3384	2.19	cps
Molybdenum	98-1	9020	8378	8536	8645	3.87	cps
Neodymium	150-1	680	693	747	707	4.99	cps
Neodymium	150-2	243	193	290	242	19.96	cps
Nickel	60-2	1433	1383	1460	1426	2.73	cps
Phosphorus	31-2	500	475	492	489	2.60	cps
Potassium	39-2	593367	593494	584206	590356	0.90	cps
Rhodium	103-1	10522346	10716849	10901870	10713688	1.77	cps
Rhodium	103-2	5410169	5401716	5396167	5402684	0.13	cps
Scandium	45-1	8783399	8693311	8768045	8748252	0.55	cps
Scandium	45-2	289640	297010	294018	293556	1.26	cps
Selenium	82-1	6	23	4	11	95.80	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	76	77	78	77	1.30	cps
Silicon	28-1	36441695	36245240	34750256	35812397	2.58	cps
Silver	107-1	275	167	158	200	32.54	cps
Silver	109-1	158	125	75	119	35.12	cps
Sodium	23-2	15730619	15638242	15877868	15748910	0.77	cps
Strontium	86-1	687442	679136	664386	676988	1.72	cps
Strontium	88-1	5959914	5946322	5571642	5825960	3.78	cps
Sulfur	34-1	879574	877383	942559	899839	4.11	cps
Terbium	159-1	11885778	11814517	11617072	11772456	1.18	cps
Terbium	159-2	5994361	5854559	5887917	5912279	1.23	cps
Thallium	203-1	375	358	400	378	5.55	cps
Thallium	205-1	1125	975	833	978	14.92	cps
Tin	118-1	2234	2184	2125	2181	2.49	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:55:07	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11647	12048	17139	13611	22.49	cps
Uranium	238-1	6002	5710	5418	5710	5.11	cps
Vanadium	51-2	3497	3400	3417	3438	1.50	cps
Ytterbium	172-1	300	325	217	281	20.22	cps
Ytterbium	172-2	239	178	111	176	36.33	cps
Ytterbium	176-1	1425	1292	1333	1350	5.05	cps
Ytterbium	176-2	5268	5951	5963	5727	6.95	cps
Yttrium	89-1	26489432	27035342	26201019	26575264	1.59	cps
Yttrium	89-2	3004169	3039776	3011510	3018485	0.62	cps
Zinc	66-2	10747	11048	10943	10913	1.40	cps
Zirconium	90-1	2909	2650	2492	2684	7.84	cps
Zirconium	91-1	583	692	667	647	8.77	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:58:05	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17093	16755	16674	16841	1.32	cps
Antimony	121-1	1125	1250	1292	1222	7.10	cps
Arsenic	75-2	252	219	256	242	8.38	cps
Barium	135-1	125188	124841	129368	126466	1.99	cps
Barium	137-1	222235	224109	218908	221751	1.19	cps
Beryllium	9-1	84	80	70	78	9.24	cps
Bismuth	209-1	6008697	6092641	5932083	6011140	1.34	cps
Bismuth	209-2	4083588	4079548	4014934	4059357	0.95	cps
Boron	10-1	15595	15829	16244	15889	2.07	cps
Boron	11-1	74966	78411	79350	77576	2.98	cps
Bromine	81-1	74554	85970	89094	83206	9.20	cps
Cadmium	111-1	691	661	706	686	3.40	cps
Cadmium	106-1	6418	6343	6902	6555	4.62	cps
Cadmium	108-1	38	46	54	46	18.19	cps
Calcium	43-1	1171225	1177195	1192471	1180297	0.93	cps
Calcium	44-1	19797502	19436070	19799188	19677587	1.06	cps
Carbon	12-1	12101090	12955197	13328089	12794792	4.92	cps
Carbon	12-2	149202	144441	148934	147526	1.81	cps
Chlorine	35-1	2534622	2734505	2740251	2669793	4.39	cps
Chlorine	35-2	20048	20624	20081	20251	1.60	cps
Chromium	52-2	2630	2687	2770	2696	2.61	cps
Cobalt	59-2	1617	1377	1557	1517	8.24	cps
Copper	63-2	9540	9563	9477	9527	0.47	cps
Dysprosium	156-1	542	600	483	542	10.77	cps
Dysprosium	156-2	343	330	280	318	10.51	cps
Erbium	164-1	667	458	492	539	20.77	cps
Erbium	164-2	293	297	290	293	1.14	cps
Gadolinium	160-1	750	625	725	700	9.45	cps
Gadolinium	160-2	470	413	377	420	11.20	cps
Holmium	165-1	11073810	11064694	11240182	11126229	0.89	cps
Holmium	165-2	5925914	5851233	5890300	5889149	0.63	cps
Indium	115-1	10603649	10790722	10786170	10726847	0.99	cps
Indium	115-2	1834435	1857216	1829323	1840324	0.81	cps
Iron	54-2	51097	50757	52340	51398	1.62	cps
Iron	56-2	951026	923307	907502	927278	2.38	cps
Iron	57-2	24360	24087	24750	24399	1.36	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:58:05	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	883	930	1010	941	6.81	cps
Lead	206-1	3417	3606	3595	3539	3.00	cps
Lead	207-1	2989	2984	2884	2952	2.01	cps
Lead	208-1	13925	14403	14153	14161	1.69	cps
Lithium	6-1	4466092	4384242	4256870	4369068	2.41	cps
Magnesium	24-2	2960519	2936647	2980714	2959294	0.75	cps
Manganese	55-2	74792	74902	74929	74874	0.10	cps
Molybdenum	94-1	3709	4126	3534	3790	8.02	cps
Molybdenum	95-1	5618	5769	5735	5707	1.39	cps
Molybdenum	96-1	6085	5810	5701	5865	3.37	cps
Molybdenum	97-1	3301	3159	3275	3245	2.33	cps
Molybdenum	98-1	8486	8553	8670	8570	1.08	cps
Neodymium	150-1	727	813	667	736	10.03	cps
Neodymium	150-2	297	260	323	293	10.84	cps
Nickel	60-2	1507	1503	1467	1492	1.49	cps
Phosphorus	31-2	558	458	617	544	14.71	cps
Potassium	39-2	589325	585822	598146	591098	1.07	cps
Rhodium	103-1	10583107	10784730	10509646	10625828	1.34	cps
Rhodium	103-2	5276098	5417276	5215346	5302906	1.95	cps
Scandium	45-1	8768803	8659866	8882105	8770258	1.27	cps
Scandium	45-2	294748	294131	293618	294165	0.19	cps
Selenium	82-1	160	65	39	88	72.79	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	96	60	90	82	23.52	cps
Silicon	28-1	35593184	35845181	35489289	35642551	0.51	cps
Silver	107-1	83	167	167	139	34.64	cps
Silver	109-1	142	92	92	108	26.65	cps
Sodium	23-2	15559214	15574395	15452074	15528561	0.43	cps
Strontium	86-1	672460	704030	680580	685690	2.39	cps
Strontium	88-1	5840598	5790899	5879811	5837102	0.76	cps
Sulfur	34-1	942100	889563	884704	905456	3.52	cps
Terbium	159-1	11711307	11840537	11765886	11772577	0.55	cps
Terbium	159-2	5803846	5932663	5742275	5826261	1.67	cps
Thallium	203-1	283	317	217	272	18.70	cps
Thallium	205-1	775	908	825	836	8.06	cps
Tin	118-1	2234	2109	1934	2092	7.21	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:58:05	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10896	12014	12047	11653	5.62	cps
Uranium	238-1	5751	5685	6085	5840	3.67	cps
Vanadium	51-2	3520	3520	3590	3544	1.14	cps
Ytterbium	172-1	250	233	300	261	13.29	cps
Ytterbium	172-2	161	167	167	165	1.95	cps
Ytterbium	176-1	1717	1358	1575	1550	11.64	cps
Ytterbium	176-2	5557	5568	5896	5674	3.40	cps
Yttrium	89-1	27163397	26194356	26528906	26628887	1.85	cps
Yttrium	89-2	2982479	2956894	2920938	2953437	1.05	cps
Zinc	66-2	10609	10644	10723	10659	0.55	cps
Zirconium	90-1	2517	2775	3485	2926	17.13	cps
Zirconium	91-1	750	800	542	697	19.66	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:01:00	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3738	4095	3623	3818	6.46	cps
Antimony	121-1	300	308	325	311	4.09	cps
Arsenic	75-2	65	55	60	60	8.33	cps
Barium	135-1	26535	26919	26919	26791	0.83	cps
Barium	137-1	45519	47099	46731	46450	1.78	cps
Beryllium	9-1	58	62	44	55	17.29	cps
Bismuth	209-1	6030724	6227441	5917424	6058530	2.59	cps
Bismuth	209-2	4141264	4107557	4107341	4118721	0.47	cps
Boron	10-1	5480	5436	5396	5437	0.77	cps
Boron	11-1	26619	27200	26448	26756	1.47	cps
Bromine	81-1	47439	45852	47741	47010	2.16	cps
Cadmium	111-1	676	669	646	664	2.42	cps
Cadmium	106-1	6710	6318	6385	6471	3.24	cps
Cadmium	108-1	46	25	38	36	29.03	cps
Calcium	43-1	240647	239023	238470	239380	0.47	cps
Calcium	44-1	4013709	4058962	3999379	4024016	0.77	cps
Carbon	12-1	7822736	7849790	7952250	7874925	0.87	cps
Carbon	12-2	79566	81450	80797	80604	1.19	cps
Chlorine	35-1	1868569	1844967	1884795	1866111	1.07	cps
Chlorine	35-2	12030	11930	11880	11947	0.64	cps
Chromium	52-2	1277	1303	1420	1333	5.72	cps
Cobalt	59-2	433	340	387	387	12.07	cps
Copper	63-2	2377	2727	2497	2534	7.02	cps
Dysprosium	156-1	75	167	158	133	38.02	cps
Dysprosium	156-2	60	57	80	66	19.25	cps
Erbium	164-1	208	175	150	178	16.46	cps
Erbium	164-2	90	97	93	93	3.57	cps
Gadolinium	160-1	217	192	267	225	16.97	cps
Gadolinium	160-2	150	147	127	141	8.94	cps
Holmium	165-1	10811212	11655008	10959477	11141899	4.04	cps
Holmium	165-2	5952790	5970061	5924233	5949028	0.39	cps
Indium	115-1	10676902	11330807	10859735	10955815	3.08	cps
Indium	115-2	1879834	1856773	1830916	1855841	1.32	cps
Iron	54-2	10604	11160	11083	10949	2.75	cps
Iron	56-2	306396	189819	195584	230600	28.49	cps
Iron	57-2	5234	5173	4934	5114	3.10	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:01:00	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1003	937	993	5.27	cps
Lead	206-1	1678	1689	1900	1756	7.13	cps
Lead	207-1	1450	1322	1183	1319	10.12	cps
Lead	208-1	6712	6340	6362	6471	3.23	cps
Lithium	6-1	4388061	4571794	4267429	4409094	3.48	cps
Magnesium	24-2	607726	599280	600334	602447	0.76	cps
Manganese	55-2	15111	15609	15315	15345	1.63	cps
Molybdenum	94-1	1434	1325	1375	1378	3.94	cps
Molybdenum	95-1	1058	1050	950	1020	5.91	cps
Molybdenum	96-1	1250	1108	1425	1261	12.58	cps
Molybdenum	97-1	708	658	742	703	5.97	cps
Molybdenum	98-1	1775	1717	2184	1892	13.44	cps
Neodymium	150-1	133	227	147	169	29.89	cps
Neodymium	150-2	63	47	63	58	16.65	cps
Nickel	60-2	600	563	527	563	6.51	cps
Phosphorus	31-2	217	142	167	175	21.82	cps
Potassium	39-2	136047	136660	135087	135931	0.58	cps
Rhodium	103-1	11123758	11190167	10917548	11077158	1.28	cps
Rhodium	103-2	5449043	5342591	5418799	5403478	1.02	cps
Scandium	45-1	8697872	8910666	8627179	8745239	1.69	cps
Scandium	45-2	296196	296026	290070	294097	1.19	cps
Selenium	82-1	-37	-48	52	-11	-493.71	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	77	88	67	77	13.58	cps
Silicon	28-1	7716996	7709587	7870272	7765618	1.17	cps
Silver	107-1	167	175	200	181	9.61	cps
Silver	109-1	75	50	83	69	24.98	cps
Sodium	23-2	3249941	3236782	3213589	3233437	0.57	cps
Strontium	86-1	143578	144486	142028	143364	0.87	cps
Strontium	88-1	1196857	1233288	1209265	1213137	1.53	cps
Sulfur	34-1	571762	574611	579423	575265	0.67	cps
Terbium	159-1	12065289	11734389	11891870	11897183	1.39	cps
Terbium	159-2	5918009	5763790	5889651	5857150	1.40	cps
Thallium	203-1	217	342	300	286	22.25	cps
Thallium	205-1	850	667	783	767	12.10	cps
Tin	118-1	1792	1700	1850	1781	4.25	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:01:00	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2809	2725	3017	2850	5.27	cps
Uranium	238-1	1133	1292	1175	1200	6.84	cps
Vanadium	51-2	727	770	683	727	5.96	cps
Ytterbium	172-1	75	142	100	106	31.91	cps
Ytterbium	172-2	33	33	50	39	24.75	cps
Ytterbium	176-1	1400	1467	1442	1436	2.35	cps
Ytterbium	176-2	5157	5562	5774	5498	5.70	cps
Yttrium	89-1	27029818	27226767	26647718	26968101	1.09	cps
Yttrium	89-2	3028839	2951750	3007715	2996101	1.33	cps
Zinc	66-2	2855	2522	2778	2718	6.42	cps
Zirconium	90-1	3411	1575	1550	2179	48.98	cps
Zirconium	91-1	317	300	283	300	5.56	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:14:41	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	942147	935814	940808	939590	0.36	cps
Antimony	121-1	5007327	5219404	5191753	5139494	2.24	cps
Arsenic	75-2	179646	176941	176509	177699	0.96	cps
Barium	135-1	6484197	6544719	6621219	6550045	1.05	cps
Barium	137-1	11283975	11230742	11174851	11229856	0.49	cps
Beryllium	9-1	1589447	1566713	1637651	1597937	2.27	cps
Bismuth	209-1	5503918	5800782	5654197	5652966	2.63	cps
Bismuth	209-2	3750013	3675740	3724999	3716917	1.02	cps
Boron	10-1	155114	164907	175259	165093	6.10	cps
Boron	11-1	750561	806966	830700	796076	5.17	cps
Bromine	81-1	69784	82758	89162	80568	12.25	cps
Cadmium	111-1	1288897	1278062	1291558	1286173	0.56	cps
Cadmium	106-1	155980	153650	153659	154430	0.87	cps
Cadmium	108-1	101215	104379	103821	103138	1.64	cps
Calcium	43-1	3089371	3252549	3225955	3189292	2.75	cps
Calcium	44-1	53045662	53437979	53631876	53371839	0.56	cps
Carbon	12-1	12025604	13086281	13685314	12932400	6.50	cps
Carbon	12-2	150509	154814	158956	154759	2.73	cps
Chlorine	35-1	1953137	2042413	2156150	2050567	4.96	cps
Chlorine	35-2	15701	16401	17319	16474	4.93	cps
Chromium	52-2	2031333	2077383	2042158	2050291	1.17	cps
Cobalt	59-2	3617290	3515488	3492924	3541901	1.87	cps
Copper	63-2	29446416	29738135	29070583	29418378	1.14	cps
Dysprosium	156-1	1042	700	925	889	19.54	cps
Dysprosium	156-2	373	467	373	404	13.32	cps
Erbium	164-1	575	583	475	544	11.07	cps
Erbium	164-2	320	233	250	268	17.17	cps
Gadolinium	160-1	758	833	617	736	14.95	cps
Gadolinium	160-2	497	510	520	509	2.30	cps
Holmium	165-1	10760910	10771346	10846465	10792907	0.43	cps
Holmium	165-2	5578592	5627154	5605450	5603732	0.43	cps
Indium	115-1	10077592	10220997	10290980	10196523	1.07	cps
Indium	115-2	1656226	1650247	1670682	1659052	0.63	cps
Iron	54-2	4409714	4380261	4329420	4373132	0.93	cps
Iron	56-2	79558780	77533249	77901105	78331044	1.38	cps
Iron	57-2	2010047	2000649	2000262	2003652	0.28	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:14:41	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1060	900	976	8.24	cps
Lead	206-1	16353003	17034177	16736164	16707781	2.04	cps
Lead	207-1	14106122	14800369	14470516	14459002	2.40	cps
Lead	208-1	64865510	67779720	66182061	66275764	2.20	cps
Lithium	6-1	4454063	4346640	4366349	4389017	1.30	cps
Magnesium	24-2	17093528	16827138	16857764	16926143	0.86	cps
Manganese	55-2	10581045	10741908	10661634	10661529	0.75	cps
Molybdenum	94-1	12905602	12939804	12890946	12912117	0.19	cps
Molybdenum	95-1	15879078	15652016	15538613	15689903	1.10	cps
Molybdenum	96-1	17586666	17540269	17227976	17451637	1.12	cps
Molybdenum	97-1	9237364	9378887	9401407	9339219	0.95	cps
Molybdenum	98-1	24404892	24430103	24371234	24402077	0.12	cps
Neodymium	150-1	1000	780	907	896	12.33	cps
Neodymium	150-2	267	230	270	256	8.69	cps
Nickel	60-2	943978	951678	942215	945957	0.53	cps
Phosphorus	31-2	458	450	558	489	12.33	cps
Potassium	39-2	6023589	5912321	5990738	5975549	0.96	cps
Rhodium	103-1	9958416	9928053	9819402	9901957	0.74	cps
Rhodium	103-2	4868300	4906159	4879274	4884578	0.40	cps
Scandium	45-1	8338569	8308465	8470734	8372589	1.03	cps
Scandium	45-2	274030	272129	272436	272865	0.37	cps
Selenium	82-1	109098	108770	111055	109641	1.13	cps
Selenium	77-2	3697	3347	3507	3517	4.98	cps
Selenium	78-2	11466	11437	11394	11432	0.32	cps
Silicon	28-1	39098742	39961045	39426440	39495409	1.10	cps
Silver	107-1	6632423	5910222	6694976	6412540	6.80	cps
Silver	109-1	5115239	6222888	5626096	5654741	9.80	cps
Sodium	23-2	47169639	46820698	46392868	46794401	0.83	cps
Strontium	86-1	20881706	21641085	21558225	21360339	1.95	cps
Strontium	88-1	183890004	186184100	182440104	184171403	1.03	cps
Sulfur	34-1	948732	881418	888013	906054	4.10	cps
Terbium	159-1	11462566	11252827	11158520	11291304	1.38	cps
Terbium	159-2	5592564	5473145	5616470	5560726	1.38	cps
Thallium	203-1	4073985	4085727	4146884	4102199	0.95	cps
Thallium	205-1	9274512	9542069	9473575	9430052	1.47	cps
Tin	118-1	4350732	4720344	4614181	4561753	4.17	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:14:41	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5124518	5142502	5190704	5152575	0.66	cps
Uranium	238-1	11879521	11812251	11781852	11824541	0.42	cps
Vanadium	51-2	1637075	1664485	1651881	1651147	0.83	cps
Ytterbium	172-1	308	392	508	403	24.95	cps
Ytterbium	172-2	139	183	161	161	13.79	cps
Ytterbium	176-1	1542	1325	1583	1483	9.35	cps
Ytterbium	176-2	5451	5840	5518	5603	3.71	cps
Yttrium	89-1	24907360	24552073	25089824	24849752	1.10	cps
Yttrium	89-2	2765194	2752859	2718601	2745551	0.88	cps
Zinc	66-2	3046945	3056458	3033768	3045723	0.37	cps
Zirconium	90-1	11161535	10981336	11256227	11133033	1.25	cps
Zirconium	91-1	2525599	2508239	2510467	2514768	0.38	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:17:34	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	951080	951049	942586	948238	0.52	cps
Antimony	121-1	5246391	5255089	5246356	5249278	0.10	cps
Arsenic	75-2	181525	180594	179694	180605	0.51	cps
Barium	135-1	6576392	6764668	6701304	6680788	1.43	cps
Barium	137-1	11169812	11206041	11392435	11256096	1.06	cps
Beryllium	9-1	1591485	1594711	1601893	1596030	0.33	cps
Bismuth	209-1	5696335	5886153	5767282	5783257	1.66	cps
Bismuth	209-2	3698014	3806092	3852137	3785414	2.09	cps
Boron	10-1	172478	183244	187737	181153	4.33	cps
Boron	11-1	817777	814089	867464	833110	3.58	cps
Bromine	81-1	91943	100742	109476	100720	8.70	cps
Cadmium	111-1	1291850	1316720	1329648	1312740	1.46	cps
Cadmium	106-1	157658	158278	162041	159326	1.49	cps
Cadmium	108-1	105718	105982	103313	105004	1.40	cps
Calcium	43-1	3142268	3238993	3320260	3233840	2.76	cps
Calcium	44-1	51761224	53662035	53364670	52929310	1.93	cps
Carbon	12-1	13423146	14354903	14778203	14185417	4.89	cps
Carbon	12-2	158047	162391	164962	161800	2.16	cps
Chlorine	35-1	2479454	2538163	2723281	2580299	4.93	cps
Chlorine	35-2	19055	18446	19639	19046	3.13	cps
Chromium	52-2	2042600	2089377	2097334	2076437	1.42	cps
Cobalt	59-2	3612930	3565340	3696612	3624960	1.83	cps
Copper	63-2	30726646	29559530	29419170	29901782	2.40	cps
Dysprosium	156-1	767	817	892	825	7.63	cps
Dysprosium	156-2	417	423	380	407	5.74	cps
Erbium	164-1	733	492	658	628	19.71	cps
Erbium	164-2	307	303	300	303	1.10	cps
Gadolinium	160-1	742	917	892	850	11.14	cps
Gadolinium	160-2	507	590	443	513	14.33	cps
Holmium	165-1	11099495	10721804	11027994	10949764	1.83	cps
Holmium	165-2	5626027	5631070	5868412	5708503	2.43	cps
Indium	115-1	10251058	10363745	10415443	10343415	0.81	cps
Indium	115-2	1681629	1640448	1691669	1671249	1.62	cps
Iron	54-2	4457065	4401679	4491802	4450182	1.02	cps
Iron	56-2	78425885	77171602	79082568	78226685	1.24	cps
Iron	57-2	2015690	1953424	2069235	2012783	2.88	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:17:34	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	913	943	930	929	1.62	cps
Lead	206-1	17145079	16945471	17089817	17060122	0.60	cps
Lead	207-1	15122991	14542212	14382079	14682428	2.66	cps
Lead	208-1	68156060	67557786	66835285	67516377	0.98	cps
Lithium	6-1	4438256	4479385	4388749	4435463	1.02	cps
Magnesium	24-2	16965392	17174321	16837255	16992322	1.00	cps
Manganese	55-2	10896830	10834536	10703154	10811507	0.91	cps
Molybdenum	94-1	13014278	12794312	13022658	12943750	1.00	cps
Molybdenum	95-1	15553290	15407682	15333831	15431601	0.72	cps
Molybdenum	96-1	17703470	17501225	17487845	17564180	0.69	cps
Molybdenum	97-1	9733078	9611402	9775429	9706637	0.88	cps
Molybdenum	98-1	24541440	24628459	24679824	24616575	0.28	cps
Neodymium	150-1	960	873	933	922	4.81	cps
Neodymium	150-2	240	297	333	290	16.21	cps
Nickel	60-2	974184	957027	954687	961966	1.11	cps
Phosphorus	31-2	425	400	392	406	4.28	cps
Potassium	39-2	6109215	6022099	6073369	6068228	0.72	cps
Rhodium	103-1	10015617	9902482	10156617	10024905	1.27	cps
Rhodium	103-2	4868913	4947273	4940219	4918802	0.88	cps
Scandium	45-1	8078969	8458159	8358779	8298636	2.37	cps
Scandium	45-2	276355	275766	276135	276085	0.11	cps
Selenium	82-1	110055	112742	111994	111597	1.24	cps
Selenium	77-2	3500	3527	3437	3488	1.33	cps
Selenium	78-2	11653	11553	11623	11610	0.44	cps
Silicon	28-1	38984402	40133312	39580507	39566074	1.45	cps
Silver	107-1	6141913	5810784	6481016	6144571	5.45	cps
Silver	109-1	6341550	5489680	5535463	5788898	8.28	cps
Sodium	23-2	43839886	43345015	43489649	43558183	0.58	cps
Strontium	86-1	21939339	21889354	22060635	21963109	0.40	cps
Strontium	88-1	184532946	187572296	189907592	187337611	1.44	cps
Sulfur	34-1	866418	934427	880588	893811	4.01	cps
Terbium	159-1	11406790	11767899	11550381	11575023	1.57	cps
Terbium	159-2	5624116	5867643	5666872	5719544	2.27	cps
Thallium	203-1	4161437	4263999	4352144	4259193	2.24	cps
Thallium	205-1	9730058	9828402	9773185	9777215	0.50	cps
Tin	118-1	4571150	4692728	4671318	4645065	1.40	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:17:34	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5045410	5257590	5128712	5143904	2.08	cps
Uranium	238-1	12026353	12220795	12134667	12127272	0.80	cps
Vanadium	51-2	1664787	1668132	1665871	1666263	0.10	cps
Ytterbium	172-1	208	233	292	244	17.49	cps
Ytterbium	172-2	244	228	117	196	35.39	cps
Ytterbium	176-1	1433	1600	1492	1508	5.61	cps
Ytterbium	176-2	5368	5690	5913	5657	4.84	cps
Yttrium	89-1	25023149	25432613	24873119	25109627	1.15	cps
Yttrium	89-2	2742638	2809124	2791445	2781069	1.24	cps
Zinc	66-2	3348318	3286736	3300103	3311719	0.98	cps
Zirconium	90-1	11453071	11372015	11367897	11397661	0.42	cps
Zirconium	91-1	2583791	2545156	2536977	2555308	0.98	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : CCV13 Instrumnet Name : P8
 Client Sample ID : CCV13 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:20:30 DataFile Name : 047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4882690	4892064	4850090	4874948	0.45	cps
Antimony	121-1	4962646	5108028	5095077	5055250	1.59	cps
Arsenic	75-2	181432	182771	181840	182014	0.38	cps
Barium	135-1	6464776	6529023	6564440	6519413	0.77	cps
Barium	137-1	11047480	11233979	11240329	11173929	0.98	cps
Beryllium	9-1	1542198	1491228	1505546	1512991	1.74	cps
Bismuth	209-1	5862699	5819076	5712186	5797987	1.34	cps
Bismuth	209-2	3668664	3819298	3871021	3786328	2.78	cps
Boron	10-1	168134	177760	179753	175216	3.55	cps
Boron	11-1	808018	826046	840425	824829	1.97	cps
Bromine	81-1	40139	38803	36535	38492	4.73	cps
Cadmium	111-1	1390397	1360776	1372480	1374551	1.09	cps
Cadmium	106-1	170189	168788	162803	167260	2.35	cps
Cadmium	108-1	107822	108822	111111	109252	1.54	cps
Calcium	43-1	10959107	11006253	10809407	10924922	0.94	cps
Calcium	44-1	180791999	185137454	181713922	182547791	1.25	cps
Carbon	12-1	7836971	7923349	8151263	7970528	2.04	cps
Carbon	12-2	88173	89741	88601	88838	0.91	cps
Chlorine	35-1	1810694	1725638	1658720	1731684	4.40	cps
Chlorine	35-2	10512	9437	9862	9937	5.45	cps
Chromium	52-2	1977822	2003204	2051178	2010735	1.85	cps
Cobalt	59-2	3324238	3466940	3447135	3412771	2.27	cps
Copper	63-2	27051803	27433873	27093972	27193216	0.77	cps
Dysprosium	156-1	1017	875	1167	1020	14.31	cps
Dysprosium	156-2	473	430	513	472	8.83	cps
Erbium	164-1	183	225	242	217	13.87	cps
Erbium	164-2	93	97	100	97	3.45	cps
Gadolinium	160-1	883	967	867	906	5.92	cps
Gadolinium	160-2	510	637	577	574	11.03	cps
Holmium	165-1	11485471	11574355	11546065	11535297	0.39	cps
Holmium	165-2	5973847	5949908	6064746	5996167	1.01	cps
Indium	115-1	10787260	10489097	10355749	10544035	2.10	cps
Indium	115-2	1713292	1777832	1735082	1742069	1.88	cps
Iron	54-2	20643184	20359048	20972140	20658124	1.49	cps
Iron	56-2	387512753	380297909	379986686	382599116	1.11	cps
Iron	57-2	9162675	9479031	9300713	9314140	1.70	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:20:30	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	993	977	984	0.85	cps
Lead	206-1	16189878	16159693	16169530	16173034	0.10	cps
Lead	207-1	14221024	14088458	14170391	14159958	0.47	cps
Lead	208-1	64964927	63803926	64939013	64569289	1.03	cps
Lithium	6-1	4410952	4394133	4466969	4424018	0.86	cps
Magnesium	24-2	71100602	73238116	72297216	72211978	1.48	cps
Manganese	55-2	10776776	10381617	10721085	10626493	2.01	cps
Molybdenum	94-1	13461698	13419228	13624968	13501965	0.80	cps
Molybdenum	95-1	16094236	16290479	16150543	16178419	0.62	cps
Molybdenum	96-1	17792409	17827061	17948077	17855849	0.46	cps
Molybdenum	97-1	9727620	9744266	9728564	9733483	0.10	cps
Molybdenum	98-1	25638453	25830589	25425346	25631463	0.79	cps
Neodymium	150-1	353	367	347	356	2.86	cps
Neodymium	150-2	40	50	53	48	14.52	cps
Nickel	60-2	977218	970181	972355	973251	0.37	cps
Phosphorus	31-2	52345	53107	52287	52579	0.87	cps
Potassium	39-2	27631363	27584705	27943044	27719704	0.70	cps
Rhodium	103-1	10220629	10382596	10118688	10240638	1.30	cps
Rhodium	103-2	4901363	4934863	4933936	4923387	0.39	cps
Scandium	45-1	8631712	8558114	8488053	8559293	0.84	cps
Scandium	45-2	283185	287231	284226	284880	0.74	cps
Selenium	82-1	114402	114678	115963	115014	0.72	cps
Selenium	77-2	3444	3667	3480	3530	3.39	cps
Selenium	78-2	12003	12032	11904	11980	0.56	cps
Silicon	28-1	5485054	5547387	5691704	5574715	1.90	cps
Silver	107-1	7568044	7346217	7248904	7387722	2.21	cps
Silver	109-1	6964991	7106105	7130870	7067322	1.27	cps
Sodium	23-2	142998220	139165320	139971236	140711592	1.44	cps
Strontium	86-1	21667059	21099306	21862939	21543101	1.84	cps
Strontium	88-1	181762650	180188779	185195354	182382261	1.40	cps
Sulfur	34-1	1135424	1148758	1147642	1143941	0.65	cps
Terbium	159-1	11873484	11719394	11759920	11784266	0.68	cps
Terbium	159-2	5773097	5760597	5694190	5742628	0.74	cps
Thallium	203-1	4099857	4064129	4068364	4077450	0.48	cps
Thallium	205-1	9340764	9125147	9365154	9277022	1.42	cps
Tin	118-1	4558321	4609812	4576586	4581573	0.57	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:20:30	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5272603	5223315	5192202	5229373	0.78	cps
Uranium	238-1	11810567	12048334	12027008	11961970	1.10	cps
Vanadium	51-2	1605153	1636191	1664152	1635165	1.80	cps
Ytterbium	172-1	133	117	92	114	18.41	cps
Ytterbium	172-2	61	67	61	63	5.10	cps
Ytterbium	176-1	18764	19373	19131	19089	1.61	cps
Ytterbium	176-2	14764	15264	15854	15294	3.57	cps
Yttrium	89-1	26783292	26814425	26034656	26544125	1.66	cps
Yttrium	89-2	2902726	2924666	2881569	2902987	0.74	cps
Zinc	66-2	2855777	2895288	2858699	2869921	0.77	cps
Zirconium	90-1	11617401	11678106	11458472	11584660	0.98	cps
Zirconium	91-1	2614391	2650719	2592957	2619356	1.11	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:28:49 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	160	141	154	7.04	cps
Antimony	121-1	583	633	683	633	7.89	cps
Arsenic	75-2	8	5	10	8	32.83	cps
Barium	135-1	58	150	75	94	51.71	cps
Barium	137-1	167	108	142	139	21.07	cps
Beryllium	9-1	82	118	100	100	18.00	cps
Bismuth	209-1	6324440	6200469	5529072	6017994	7.11	cps
Bismuth	209-2	4197185	4071545	4088832	4119187	1.65	cps
Boron	10-1	7859	8351	8065	8091	3.05	cps
Boron	11-1	37514	38553	39824	38630	2.99	cps
Bromine	81-1	24276	24707	23354	24112	2.87	cps
Cadmium	111-1	657	683	588	643	7.64	cps
Cadmium	106-1	6051	6485	5535	6024	7.90	cps
Cadmium	108-1	33	46	46	42	17.32	cps
Calcium	43-1	456	455	473	461	2.15	cps
Calcium	44-1	45258	45005	44943	45069	0.37	cps
Carbon	12-1	5605079	5456913	5540225	5534072	1.34	cps
Carbon	12-2	54234	55347	53698	54426	1.54	cps
Chlorine	35-1	1041566	1000968	959519	1000684	4.10	cps
Chlorine	35-2	6118	5818	5685	5874	3.78	cps
Chromium	52-2	1077	910	1057	1014	8.97	cps
Cobalt	59-2	80	83	93	86	8.11	cps
Copper	63-2	1160	1093	1047	1100	5.18	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	67	33	58	53	32.87	cps
Gadolinium	160-2	50	117	97	88	38.98	cps
Holmium	165-1	11497897	11603132	10280515	11127182	6.61	cps
Holmium	165-2	5953547	5846079	5934355	5911327	0.97	cps
Indium	115-1	11193106	10719475	9807546	10573375	6.66	cps
Indium	115-2	1854183	1813378	1860447	1842669	1.39	cps
Iron	54-2	767	733	744	748	2.27	cps
Iron	56-2	7185	7391	6507	7028	6.58	cps
Iron	57-2	206	300	244	250	18.99	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:28:49	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	953	947	942	1.47	cps
Lead	206-1	1867	1889	1811	1856	2.16	cps
Lead	207-1	1439	1578	1422	1480	5.77	cps
Lead	208-1	7101	7084	6906	7031	1.53	cps
Lithium	6-1	4536664	4645026	4111720	4431137	6.36	cps
Magnesium	24-2	625	783	608	672	14.37	cps
Manganese	55-2	220	187	173	193	12.43	cps
Molybdenum	94-1	633	567	550	583	7.56	cps
Molybdenum	95-1	400	308	392	367	13.82	cps
Molybdenum	96-1	525	442	400	456	13.97	cps
Molybdenum	97-1	267	117	158	181	42.89	cps
Molybdenum	98-1	550	542	408	500	15.90	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	323	290	310	308	5.45	cps
Phosphorus	31-2	142	108	208	153	33.33	cps
Potassium	39-2	23344	23077	22602	23008	1.64	cps
Rhodium	103-1	10941955	11054645	10111620	10702740	4.81	cps
Rhodium	103-2	5477450	5321798	5383845	5394365	1.45	cps
Scandium	45-1	8818051	8536795	7944755	8433200	5.29	cps
Scandium	45-2	290039	288400	289469	289303	0.29	cps
Selenium	82-1	-14	-15	59	10	427.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	87	93	61	80	21.17	cps
Silicon	28-1	554844	554992	550454	553430	0.47	cps
Silver	107-1	2192	1483	1400	1692	25.72	cps
Silver	109-1	2075	1458	967	1500	37.02	cps
Sodium	23-2	32979	33389	32796	33055	0.92	cps
Strontium	86-1	1859	1808	1717	1795	4.00	cps
Strontium	88-1	1992	2009	1583	1861	12.93	cps
Sulfur	34-1	477420	480424	488702	482182	1.21	cps
Terbium	159-1	11719539	11785686	10800441	11435222	4.82	cps
Terbium	159-2	6089308	5998503	5781218	5956343	2.66	cps
Thallium	203-1	850	883	842	858	2.57	cps
Thallium	205-1	2034	2384	2009	2142	9.79	cps
Tin	118-1	1667	1842	1583	1697	7.77	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:28:49	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	283	342	311	9.41	cps
Uranium	238-1	67	92	67	75	19.24	cps
Vanadium	51-2	13	23	13	17	34.65	cps
Ytterbium	172-1	50	58	50	53	9.12	cps
Ytterbium	172-2	0	17	6	7	114.54	cps
Ytterbium	176-1	1283	1375	1133	1264	9.65	cps
Ytterbium	176-2	5335	5701	5979	5672	5.70	cps
Yttrium	89-1	27910405	27334281	24333985	26526224	7.24	cps
Yttrium	89-2	2989121	2921703	3029721	2980182	1.83	cps
Zinc	66-2	760	916	880	852	9.62	cps
Zirconium	90-1	1417	1333	1408	1386	3.31	cps
Zirconium	91-1	250	133	300	228	37.55	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : PB140025BL Instrumnet Name : P8
 Client Sample ID : PB140025BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:33:20 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	170	182	180	5.01	cps
Antimony	121-1	358	392	525	425	20.75	cps
Arsenic	75-2	9	14	15	13	25.38	cps
Barium	135-1	58	92	83	78	22.31	cps
Barium	137-1	100	133	142	125	17.64	cps
Beryllium	9-1	76	104	80	87	17.47	cps
Bismuth	209-1	5924773	6284530	6171387	6126897	3.00	cps
Bismuth	209-2	4096559	3962344	4105488	4054797	1.98	cps
Boron	10-1	5374	5544	5144	5354	3.75	cps
Boron	11-1	24780	24626	25103	24836	0.98	cps
Bromine	81-1	25099	24958	25550	25202	1.23	cps
Cadmium	111-1	638	625	602	622	2.92	cps
Cadmium	106-1	6510	6385	5843	6246	5.68	cps
Cadmium	108-1	96	67	46	69	36.17	cps
Calcium	43-1	454	501	498	484	5.41	cps
Calcium	44-1	44848	44757	44526	44711	0.37	cps
Carbon	12-1	6131180	6153224	6013485	6099296	1.23	cps
Carbon	12-2	63153	64944	62734	63611	1.85	cps
Chlorine	35-1	1040508	1006630	986102	1011080	2.72	cps
Chlorine	35-2	6018	5960	6043	6007	0.71	cps
Chromium	52-2	1103	1167	1130	1133	2.81	cps
Cobalt	59-2	57	113	147	106	43.10	cps
Copper	63-2	1117	1307	1350	1258	9.87	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	92	83	67	81	15.80	cps
Erbium	164-2	63	37	47	49	27.55	cps
Gadolinium	160-1	75	58	108	81	31.61	cps
Gadolinium	160-2	63	67	77	69	10.08	cps
Holmium	165-1	11001152	11084898	11060534	11048861	0.39	cps
Holmium	165-2	5912411	5913833	5791828	5872691	1.19	cps
Indium	115-1	10469864	11048719	10859206	10792596	2.73	cps
Indium	115-2	1841070	1822756	1852593	1838807	0.82	cps
Iron	54-2	761	1067	783	870	19.57	cps
Iron	56-2	8264	8987	8180	8477	5.23	cps
Iron	57-2	317	278	378	324	15.55	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BL	Instrumnet Name :	P8
Client Sample ID :	PB140025BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:33:20	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	897	913	928	4.35	cps
Lead	206-1	1506	1556	1533	1532	1.64	cps
Lead	207-1	1467	1350	1550	1456	6.90	cps
Lead	208-1	6379	6573	6306	6419	2.15	cps
Lithium	6-1	4339858	4461690	4524541	4442029	2.11	cps
Magnesium	24-2	600	800	583	661	18.24	cps
Manganese	55-2	170	233	183	196	17.07	cps
Molybdenum	94-1	542	483	525	517	5.82	cps
Molybdenum	95-1	250	225	225	233	6.19	cps
Molybdenum	96-1	267	308	333	303	11.12	cps
Molybdenum	97-1	100	125	175	133	28.64	cps
Molybdenum	98-1	267	342	383	331	17.89	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	317	363	303	328	9.61	cps
Phosphorus	31-2	133	175	92	133	31.25	cps
Potassium	39-2	22944	22560	21124	22209	4.32	cps
Rhodium	103-1	10849924	10850985	10998848	10899919	0.79	cps
Rhodium	103-2	5364312	5374709	5399633	5379551	0.34	cps
Scandium	45-1	8626603	8665536	8681521	8657887	0.33	cps
Scandium	45-2	287695	285144	283084	285308	0.81	cps
Selenium	82-1	-33	61	14	14	341.31	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	77	77	59	71	14.63	cps
Silicon	28-1	568854	585259	576396	576836	1.42	cps
Silver	107-1	767	475	625	622	23.44	cps
Silver	109-1	558	583	450	531	13.36	cps
Sodium	23-2	32738	33439	32779	32985	1.19	cps
Strontium	86-1	1967	1433	1667	1689	15.83	cps
Strontium	88-1	1175	1659	1925	1586	23.97	cps
Sulfur	34-1	497333	493949	492446	494576	0.51	cps
Terbium	159-1	11576365	12065434	11729693	11790498	2.12	cps
Terbium	159-2	5858464	5914852	5773572	5848962	1.22	cps
Thallium	203-1	817	683	608	703	15.01	cps
Thallium	205-1	1834	1658	1692	1728	5.38	cps
Tin	118-1	2000	2192	2050	2081	4.78	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BL	Instrumnet Name :	P8
Client Sample ID :	PB140025BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:33:20	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	392	267	333	18.87	cps
Uranium	238-1	17	50	75	47	61.97	cps
Vanadium	51-2	33	27	27	29	13.31	cps
Ytterbium	172-1	0	33	8	14	124.91	cps
Ytterbium	172-2	22	11	11	15	43.30	cps
Ytterbium	176-1	1300	1358	1383	1347	3.18	cps
Ytterbium	176-2	5212	5779	5607	5533	5.25	cps
Yttrium	89-1	26634857	26009426	26218699	26287661	1.21	cps
Yttrium	89-2	2960240	2918557	2884665	2921154	1.30	cps
Zinc	66-2	773	666	739	726	7.53	cps
Zirconium	90-1	1308	1292	1533	1378	9.80	cps
Zirconium	91-1	242	292	200	244	18.78	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BS	Instrumnet Name :	P8
Client Sample ID :	PB140025BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:36:23	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1002832	995829	1000242	999634	0.35	cps
Antimony	121-1	5546359	5464016	5549929	5520101	0.88	cps
Arsenic	75-2	183423	185056	184080	184186	0.45	cps
Barium	135-1	6855205	6878792	6900561	6878186	0.33	cps
Barium	137-1	11769613	12060146	11920862	11916874	1.22	cps
Beryllium	9-1	1668491	1621273	1596509	1628758	2.25	cps
Bismuth	209-1	5781042	5822593	5892348	5831994	0.96	cps
Bismuth	209-2	3838359	3645858	3589739	3691319	3.53	cps
Boron	10-1	149461	157444	166388	157764	5.37	cps
Boron	11-1	715744	758033	809575	761117	6.17	cps
Bromine	81-1	25239	24737	24467	24814	1.58	cps
Cadmium	111-1	1383921	1381528	1372837	1379429	0.42	cps
Cadmium	106-1	168753	164632	171030	168138	1.93	cps
Cadmium	108-1	110422	111707	110842	110991	0.59	cps
Calcium	43-1	2284118	2285131	2294468	2287906	0.25	cps
Calcium	44-1	36848843	37891816	37441053	37393904	1.40	cps
Carbon	12-1	6734337	6977056	7166470	6959288	3.11	cps
Carbon	12-2	73350	74213	74775	74113	0.97	cps
Chlorine	35-1	953880	923099	912636	929872	2.31	cps
Chlorine	35-2	6101	5901	5476	5826	5.48	cps
Chromium	52-2	2120489	2130995	2099960	2117148	0.75	cps
Cobalt	59-2	3808837	3705085	3827883	3780602	1.75	cps
Copper	63-2	28167453	28816032	28229535	28404340	1.26	cps
Dysprosium	156-1	200	333	292	275	24.80	cps
Dysprosium	156-2	90	147	153	130	26.77	cps
Erbium	164-1	117	67	117	100	28.87	cps
Erbium	164-2	40	53	67	53	25.00	cps
Gadolinium	160-1	192	292	225	236	21.57	cps
Gadolinium	160-2	170	107	167	148	24.12	cps
Holmium	165-1	11046914	11128798	10940702	11038805	0.85	cps
Holmium	165-2	5599280	5499220	5404497	5500999	1.77	cps
Indium	115-1	10361299	10316861	10062501	10246887	1.57	cps
Indium	115-2	1670346	1627783	1644354	1647494	1.30	cps
Iron	54-2	4521544	4652614	4624136	4599431	1.50	cps
Iron	56-2	82567638	83185132	83688496	83147089	0.68	cps
Iron	57-2	2129482	2061335	2171219	2120678	2.62	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BS	Instrumnet Name :	P8
Client Sample ID :	PB140025BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:36:23	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	947	950	966	3.09	cps
Lead	206-1	17680695	17588909	17958418	17742674	1.08	cps
Lead	207-1	15332715	15175078	15581441	15363078	1.33	cps
Lead	208-1	69993569	69654841	71253403	70300604	1.20	cps
Lithium	6-1	4399527	4301244	4381268	4360680	1.20	cps
Magnesium	24-2	15508772	15211846	15068057	15262891	1.47	cps
Manganese	55-2	10329987	10574157	10489475	10464540	1.18	cps
Molybdenum	94-1	13883899	14153521	14081739	14039720	0.99	cps
Molybdenum	95-1	16750388	17243566	17038011	17010655	1.46	cps
Molybdenum	96-1	19139655	19175182	19028942	19114593	0.40	cps
Molybdenum	97-1	10536230	10615267	10224342	10458613	1.98	cps
Molybdenum	98-1	27196067	27128134	26436494	26920232	1.56	cps
Neodymium	150-1	313	280	400	331	18.71	cps
Neodymium	150-2	40	37	27	34	20.14	cps
Nickel	60-2	1016050	1009057	1009406	1011504	0.39	cps
Phosphorus	31-2	54060	56578	56461	55700	2.55	cps
Potassium	39-2	5921005	5889488	5870416	5893637	0.43	cps
Rhodium	103-1	10577920	10322211	10019126	10306419	2.71	cps
Rhodium	103-2	4833330	4759975	4769094	4787466	0.84	cps
Scandium	45-1	8257982	8275708	8115909	8216533	1.07	cps
Scandium	45-2	272309	266623	259776	266236	2.36	cps
Selenium	82-1	117180	117454	116453	117029	0.44	cps
Selenium	77-2	3664	3581	3637	3627	1.17	cps
Selenium	78-2	12492	12698	12228	12472	1.89	cps
Silicon	28-1	4949474	5173640	5056055	5059723	2.22	cps
Silver	107-1	7645538	7642982	7748828	7679116	0.79	cps
Silver	109-1	7345528	7277257	7306811	7309865	0.47	cps
Sodium	23-2	30003273	29838656	29546512	29796147	0.78	cps
Strontium	86-1	22963687	23046955	22610575	22873739	1.01	cps
Strontium	88-1	197756154	195554829	195683317	196331434	0.63	cps
Sulfur	34-1	1225045	1211779	1203044	1213289	0.91	cps
Terbium	159-1	11766701	11047260	11635423	11483128	3.34	cps
Terbium	159-2	5575903	5406191	5164343	5382146	3.84	cps
Thallium	203-1	4247195	4473745	4412666	4377868	2.68	cps
Thallium	205-1	10078812	9903927	10375644	10119461	2.36	cps
Tin	118-1	4927374	4905369	4936585	4923109	0.33	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	PB140025BS	Instrumnet Name :	P8
Client Sample ID :	PB140025BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:36:23	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5494283	5467598	5497280	5486387	0.30	cps
Uranium	238-1	12297381	12163121	12558083	12339528	1.63	cps
Vanadium	51-2	1687814	1711206	1705476	1701498	0.72	cps
Ytterbium	172-1	42	50	17	36	48.03	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	19281	19991	19290	19521	2.09	cps
Ytterbium	176-2	15109	14558	14892	14853	1.87	cps
Yttrium	89-1	25627740	24935633	25195300	25252891	1.38	cps
Yttrium	89-2	2798287	2697011	2639031	2711443	2.97	cps
Zinc	66-2	3002641	3074380	3064486	3047169	1.28	cps
Zirconium	90-1	12208488	12142192	12080711	12143797	0.53	cps
Zirconium	91-1	2692219	2730027	2652868	2691705	1.43	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:39:16	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	962076	961475	953688	959080	0.49	cps
Antimony	121-1	5358240	5271592	5200346	5276726	1.50	cps
Arsenic	75-2	184110	183323	182330	183255	0.49	cps
Barium	135-1	6689210	6644913	6594913	6643012	0.71	cps
Barium	137-1	11303463	11496154	11372037	11390552	0.86	cps
Beryllium	9-1	1618960	1572318	1562926	1584735	1.89	cps
Bismuth	209-1	5780416	5749125	5407016	5645519	3.67	cps
Bismuth	209-2	3814311	3963842	3769133	3849095	2.65	cps
Boron	10-1	174408	176095	193760	181421	5.91	cps
Boron	11-1	823112	874985	854546	850881	3.07	cps
Bromine	81-1	73891	87813	90532	84079	10.62	cps
Cadmium	111-1	1289458	1307788	1330877	1309374	1.59	cps
Cadmium	106-1	155396	159528	160759	158561	1.77	cps
Cadmium	108-1	105832	105950	106952	106245	0.58	cps
Calcium	43-1	3273357	3280217	3276714	3276762	0.10	cps
Calcium	44-1	54447264	53877872	55070402	54465179	1.10	cps
Carbon	12-1	12064705	13038639	13899676	13001007	7.06	cps
Carbon	12-2	147453	153725	152580	151253	2.21	cps
Chlorine	35-1	1720982	1824495	1890631	1812036	4.72	cps
Chlorine	35-2	14091	14149	14516	14252	1.62	cps
Chromium	52-2	2144282	2049018	2160320	2117873	2.84	cps
Cobalt	59-2	3691904	3732671	3677764	3700780	0.77	cps
Copper	63-2	29745120	29989629	30465841	30066863	1.22	cps
Dysprosium	156-1	725	917	725	789	14.03	cps
Dysprosium	156-2	437	443	410	430	4.10	cps
Erbium	164-1	542	742	675	653	15.60	cps
Erbium	164-2	287	270	350	302	13.97	cps
Gadolinium	160-1	733	825	958	839	13.49	cps
Gadolinium	160-2	500	570	600	557	9.22	cps
Holmium	165-1	10641874	10918545	9999377	10519932	4.48	cps
Holmium	165-2	5722190	5873768	5758358	5784772	1.37	cps
Indium	115-1	10734278	10159199	9314161	10069213	7.09	cps
Indium	115-2	1690376	1700096	1758626	1716366	2.15	cps
Iron	54-2	4478787	4511651	4486855	4492431	0.38	cps
Iron	56-2	81916027	79796880	80137732	80616880	1.41	cps
Iron	57-2	2144300	2078679	2021477	2081485	2.95	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:39:16	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	1013	923	966	4.69	cps
Lead	206-1	16646484	17132441	16934164	16904363	1.45	cps
Lead	207-1	14207644	14727887	14456782	14464104	1.80	cps
Lead	208-1	65430944	67467315	66806036	66568098	1.56	cps
Lithium	6-1	4385056	4330019	4038018	4251031	4.39	cps
Magnesium	24-2	17444312	17024910	17055422	17174881	1.36	cps
Manganese	55-2	11219109	11022968	11060506	11100861	0.94	cps
Molybdenum	94-1	13309356	12880543	13406133	13198678	2.12	cps
Molybdenum	95-1	15368469	15618474	15874117	15620353	1.62	cps
Molybdenum	96-1	17667813	17748960	17719525	17712099	0.23	cps
Molybdenum	97-1	9911862	9588050	9715664	9738525	1.67	cps
Molybdenum	98-1	25152381	24781609	25027252	24987081	0.75	cps
Neodymium	150-1	1040	893	1033	989	8.38	cps
Neodymium	150-2	263	333	307	301	11.73	cps
Nickel	60-2	959599	980107	965783	968496	1.09	cps
Phosphorus	31-2	508	492	417	472	10.34	cps
Potassium	39-2	6148920	6279757	6004162	6144279	2.24	cps
Rhodium	103-1	10220167	10060306	9502265	9927579	3.80	cps
Rhodium	103-2	5015026	4943807	5098707	5019180	1.54	cps
Scandium	45-1	8603713	8577131	7880995	8353946	4.91	cps
Scandium	45-2	283087	279835	282134	281685	0.59	cps
Selenium	82-1	110349	111904	112423	111558	0.97	cps
Selenium	77-2	3524	3504	3694	3574	2.92	cps
Selenium	78-2	11648	11733	11551	11644	0.78	cps
Silicon	28-1	39057121	38701938	39602884	39120648	1.16	cps
Silver	107-1	5723731	6529799	5500176	5917902	9.15	cps
Silver	109-1	4802685	5749708	5489626	5347340	9.15	cps
Sodium	23-2	47017885	46271297	45608422	46299201	1.52	cps
Strontium	86-1	22624560	22121300	22891933	22545931	1.74	cps
Strontium	88-1	188563417	190072038	193350225	190661893	1.28	cps
Sulfur	34-1	899251	919085	921636	913324	1.34	cps
Terbium	159-1	11358394	11271504	10754711	11128203	2.93	cps
Terbium	159-2	5643514	5658843	5807131	5703162	1.58	cps
Thallium	203-1	4220322	4107402	4195008	4174244	1.42	cps
Thallium	205-1	9503636	9528485	9637405	9556508	0.74	cps
Tin	118-1	4685860	4576743	4655605	4639403	1.21	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	M4268-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:39:16	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5181382	5200011	5407297	5262897	2.38	cps
Uranium	238-1	12020386	11928440	11918095	11955640	0.47	cps
Vanadium	51-2	1715874	1658909	1714125	1696302	1.91	cps
Ytterbium	172-1	250	325	300	292	13.09	cps
Ytterbium	172-2	150	161	139	150	7.41	cps
Ytterbium	176-1	1475	1550	1225	1417	12.01	cps
Ytterbium	176-2	5323	5212	5679	5405	4.51	cps
Yttrium	89-1	24730293	25681440	23525943	24645892	4.38	cps
Yttrium	89-2	2843499	2835342	2885764	2854868	0.95	cps
Zinc	66-2	3201068	3216716	3272789	3230191	1.17	cps
Zirconium	90-1	11359709	11269182	11562667	11397186	1.32	cps
Zirconium	91-1	2559509	2539539	2620295	2573114	1.63	cps

LB Number : LB116912 Operator : Jaswal
 Lab Sample ID : CCV14 Instrumnet Name : P8
 Client Sample ID : CCV14 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:42:12 DataFile Name : 052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4850574	4893072	4828612	4857419	0.67	cps
Antimony	121-1	5039161	5115676	5070680	5075172	0.76	cps
Arsenic	75-2	180070	180977	180996	180681	0.29	cps
Barium	135-1	6445726	6558861	6448498	6484361	1.00	cps
Barium	137-1	10885001	11242183	11027590	11051591	1.63	cps
Beryllium	9-1	1548266	1523588	1526535	1532796	0.88	cps
Bismuth	209-1	5575628	5565171	5675931	5605577	1.09	cps
Bismuth	209-2	3678165	3727798	3736333	3714098	0.85	cps
Boron	10-1	167439	175193	179908	174180	3.61	cps
Boron	11-1	804815	819893	869023	831244	4.04	cps
Bromine	81-1	36545	33535	34318	34799	4.49	cps
Cadmium	111-1	1322081	1379053	1370627	1357254	2.27	cps
Cadmium	106-1	160952	162386	168474	163937	2.44	cps
Cadmium	108-1	109359	107339	107964	108220	0.96	cps
Calcium	43-1	10820158	10848115	10652795	10773689	0.98	cps
Calcium	44-1	179430543	181699498	175437734	178855925	1.77	cps
Carbon	12-1	7960782	7981175	8043468	7995142	0.54	cps
Carbon	12-2	88023	85474	85097	86198	1.85	cps
Chlorine	35-1	1317479	1267307	1219083	1267956	3.88	cps
Chlorine	35-2	7677	7711	6968	7452	5.62	cps
Chromium	52-2	1969198	2065056	2014860	2016371	2.38	cps
Cobalt	59-2	3426668	3453197	3404104	3427990	0.72	cps
Copper	63-2	27267310	26976929	26784949	27009729	0.90	cps
Dysprosium	156-1	958	1067	967	997	6.05	cps
Dysprosium	156-2	463	417	473	451	6.70	cps
Erbium	164-1	192	267	175	211	23.13	cps
Erbium	164-2	110	127	63	100	32.83	cps
Gadolinium	160-1	1042	825	933	933	11.61	cps
Gadolinium	160-2	570	637	580	596	6.04	cps
Holmium	165-1	11237722	11019800	10732512	10996678	2.30	cps
Holmium	165-2	5820773	6061846	5840981	5907867	2.26	cps
Indium	115-1	10656936	10460820	10331757	10483171	1.56	cps
Indium	115-2	1669552	1681702	1727469	1692908	1.80	cps
Iron	54-2	20518756	20564121	20412386	20498421	0.38	cps
Iron	56-2	373221019	379139575	369227564	373862719	1.33	cps
Iron	57-2	9280622	9192779	9266773	9246725	0.51	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:42:12	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	917	943	911	3.88	cps
Lead	206-1	16148585	15779691	15820468	15916248	1.27	cps
Lead	207-1	13553695	13989824	13438105	13660541	2.13	cps
Lead	208-1	63072910	63758269	62640391	63157190	0.89	cps
Lithium	6-1	4529632	4324271	4443462	4432455	2.33	cps
Magnesium	24-2	72170875	71391543	72140427	71900948	0.61	cps
Manganese	55-2	10266855	10539084	10304598	10370179	1.42	cps
Molybdenum	94-1	13361576	13638206	13124229	13374670	1.92	cps
Molybdenum	95-1	15751032	16057198	15944697	15917642	0.97	cps
Molybdenum	96-1	17572669	18078506	18113531	17921568	1.69	cps
Molybdenum	97-1	9745258	9745483	9859219	9783320	0.67	cps
Molybdenum	98-1	24891598	25213670	25447747	25184338	1.11	cps
Neodymium	150-1	387	287	360	344	15.03	cps
Neodymium	150-2	30	40	30	33	17.32	cps
Nickel	60-2	966252	966404	957196	963284	0.55	cps
Phosphorus	31-2	52763	52353	50255	51790	2.60	cps
Potassium	39-2	28321123	27909030	27418150	27882767	1.62	cps
Rhodium	103-1	9810194	9781577	9655074	9748948	0.85	cps
Rhodium	103-2	4755215	4852933	4942862	4850336	1.93	cps
Scandium	45-1	8776985	8638828	8590703	8668839	1.12	cps
Scandium	45-2	284601	279963	285085	283216	1.00	cps
Selenium	82-1	113242	114931	113500	113891	0.80	cps
Selenium	77-2	3560	3624	3621	3602	0.99	cps
Selenium	78-2	12030	12080	12102	12071	0.31	cps
Silicon	28-1	5497507	5707762	5644191	5616486	1.92	cps
Silver	107-1	7475087	7347261	7456707	7426352	0.93	cps
Silver	109-1	6838240	6846920	6915334	6866831	0.61	cps
Sodium	23-2	141801978	139057520	138482470	139780656	1.27	cps
Strontium	86-1	21421194	21398868	21274594	21364886	0.37	cps
Strontium	88-1	184619571	185929579	181571158	184040103	1.22	cps
Sulfur	34-1	1144737	1159693	1119560	1141330	1.78	cps
Terbium	159-1	11665903	12092796	12070094	11942931	2.01	cps
Terbium	159-2	5756053	5812332	5813609	5793998	0.57	cps
Thallium	203-1	4030423	4033734	4072522	4045560	0.58	cps
Thallium	205-1	9324096	9292023	9332487	9316202	0.23	cps
Tin	118-1	4632236	4597874	4456126	4562079	2.05	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:42:12	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5371386	5304541	5205731	5293886	1.57	cps
Uranium	238-1	11484465	11732203	11839339	11685335	1.56	cps
Vanadium	51-2	1610092	1649731	1617415	1625746	1.30	cps
Ytterbium	172-1	75	100	75	83	17.32	cps
Ytterbium	172-2	72	28	106	69	56.95	cps
Ytterbium	176-1	18956	18647	18989	18864	1.00	cps
Ytterbium	176-2	14797	15359	15570	15242	2.62	cps
Yttrium	89-1	25842654	25633365	25834282	25770100	0.46	cps
Yttrium	89-2	2812620	2908969	2893504	2871698	1.80	cps
Zinc	66-2	2842725	2820446	2813274	2825482	0.54	cps
Zirconium	90-1	11548476	11757579	11514156	11606737	1.14	cps
Zirconium	91-1	2573942	2601168	2566685	2580598	0.70	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:15	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151	169	167	162	6.01	cps
Antimony	121-1	683	817	950	817	16.33	cps
Arsenic	75-2	6	14	10	10	40.00	cps
Barium	135-1	92	75	100	89	14.32	cps
Barium	137-1	117	75	142	111	30.31	cps
Beryllium	9-1	104	112	128	115	10.66	cps
Bismuth	209-1	5863618	6341190	6085605	6096804	3.92	cps
Bismuth	209-2	4018738	4116171	4123898	4086269	1.43	cps
Boron	10-1	6974	6898	6794	6889	1.31	cps
Boron	11-1	33568	33674	32055	33099	2.74	cps
Bromine	81-1	25851	25480	25570	25633	0.76	cps
Cadmium	111-1	608	647	667	641	4.63	cps
Cadmium	106-1	5876	6268	6302	6149	3.85	cps
Cadmium	108-1	83	96	25	68	55.56	cps
Calcium	43-1	455	453	528	479	8.90	cps
Calcium	44-1	46982	46436	48076	47164	1.77	cps
Carbon	12-1	5506581	5568109	5493160	5522617	0.72	cps
Carbon	12-2	55890	55622	56585	56033	0.89	cps
Chlorine	35-1	934995	908154	877074	906741	3.20	cps
Chlorine	35-2	5943	5435	5776	5718	4.53	cps
Chromium	52-2	1100	990	1060	1050	5.30	cps
Cobalt	59-2	80	93	113	96	17.56	cps
Copper	63-2	1170	1240	1247	1219	3.49	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	27	60	17	34	65.86	cps
Gadolinium	160-1	108	100	58	89	30.14	cps
Gadolinium	160-2	93	63	70	76	20.85	cps
Holmium	165-1	10599404	11747455	11253223	11200027	5.14	cps
Holmium	165-2	5848111	5850790	5834368	5844423	0.15	cps
Indium	115-1	10493552	11655801	11030209	11059854	5.26	cps
Indium	115-2	1841280	1841798	1875728	1852936	1.07	cps
Iron	54-2	833	767	700	767	8.69	cps
Iron	56-2	6357	6585	7069	6670	5.45	cps
Iron	57-2	194	261	250	235	15.19	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:15	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	913	857	887	3.21	cps
Lead	206-1	1817	1911	2111	1946	7.73	cps
Lead	207-1	1767	1661	1884	1771	6.28	cps
Lead	208-1	7595	7657	7851	7701	1.73	cps
Lithium	6-1	4436451	4601446	4488608	4508835	1.87	cps
Magnesium	24-2	558	750	983	764	27.86	cps
Manganese	55-2	223	190	263	226	16.28	cps
Molybdenum	94-1	700	750	800	750	6.67	cps
Molybdenum	95-1	433	383	392	403	6.65	cps
Molybdenum	96-1	508	642	667	606	14.06	cps
Molybdenum	97-1	242	133	300	225	37.59	cps
Molybdenum	98-1	708	592	975	759	25.94	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	253	317	273	281	11.52	cps
Phosphorus	31-2	192	200	133	175	20.76	cps
Potassium	39-2	23545	23970	23127	23547	1.79	cps
Rhodium	103-1	10633392	11356481	10844635	10944836	3.40	cps
Rhodium	103-2	5462485	5442672	5322218	5409125	1.40	cps
Scandium	45-1	8344828	9041133	8827679	8737880	4.08	cps
Scandium	45-2	287396	289180	290386	288987	0.52	cps
Selenium	82-1	54	117	129	100	40.25	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	71	70	92	78	15.99	cps
Silicon	28-1	562463	556404	560524	559797	0.55	cps
Silver	107-1	2034	1433	1158	1542	29.03	cps
Silver	109-1	1900	1383	1008	1431	31.30	cps
Sodium	23-2	35160	35435	34550	35048	1.29	cps
Strontium	86-1	1592	1617	1742	1650	4.87	cps
Strontium	88-1	1959	1383	3763	2369	52.42	cps
Sulfur	34-1	483624	481162	484513	483100	0.36	cps
Terbium	159-1	11518486	12191128	11486011	11731875	3.39	cps
Terbium	159-2	5736034	5801930	5816200	5784721	0.74	cps
Thallium	203-1	908	933	1075	972	9.25	cps
Thallium	205-1	2259	2150	2809	2406	14.68	cps
Tin	118-1	1600	1492	1892	1661	12.46	cps

LB Number :	LB116912	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:15	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	417	333	397	14.28	cps
Uranium	238-1	67	50	192	103	75.34	cps
Vanadium	51-2	10	30	27	22	48.22	cps
Ytterbium	172-1	17	67	50	44	57.28	cps
Ytterbium	172-2	22	28	33	28	20.00	cps
Ytterbium	176-1	1067	1350	1408	1275	14.34	cps
Ytterbium	176-2	5651	5890	5707	5750	2.18	cps
Yttrium	89-1	25400131	27398313	26671830	26490092	3.82	cps
Yttrium	89-2	2929710	2964867	2945324	2946634	0.60	cps
Zinc	66-2	943	990	849	927	7.69	cps
Zirconium	90-1	1158	1258	1450	1289	11.50	cps
Zirconium	91-1	208	158	250	206	22.33	cps