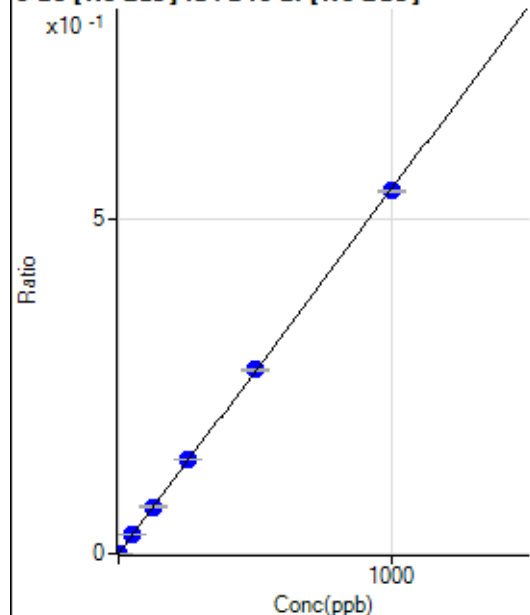


Batch Folder: D:\ICP-MS Data\P70406818 MS.b\
Analysis File: P70406818 MS.batch.bin
DA Date-Time: 2018-04-06 22:05:08
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-04-06 20:45:39
2			
3	005CALS.d	S02	2018-04-06 20:54:03
4	006CALS.d	S03	2018-04-06 20:57:56
5	007CALS.d	S04	2018-04-06 21:01:59
6	008CALS.d	S05	2018-04-06 21:05:47
7	009CALS.d	S06	2018-04-06 21:09:32
8	010CALS.d	S07	2018-04-06 21:13:16
9	011CALS.d	S08	2018-04-06 21:17:01

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	57.41	0.0000	P	33.8
2	☐	0.100					
3	☐	1.000	0.974	2783.66	0.0005	P	6.9
4	☐	50.000	52.419	147434.37	0.0286	P	0.8
5	☐	125.000	129.205	366003.61	0.0705	P	0.7
6	☐	250.000	256.838	713969.13	0.1401	P	0.4
7	☐	500.000	504.851	1396215.20	0.2753	P	0.7
8	☐	1000.000	995.218	2718183.60	0.5427	P	0.4
9	☐			411.13	0.0001	P	13.2

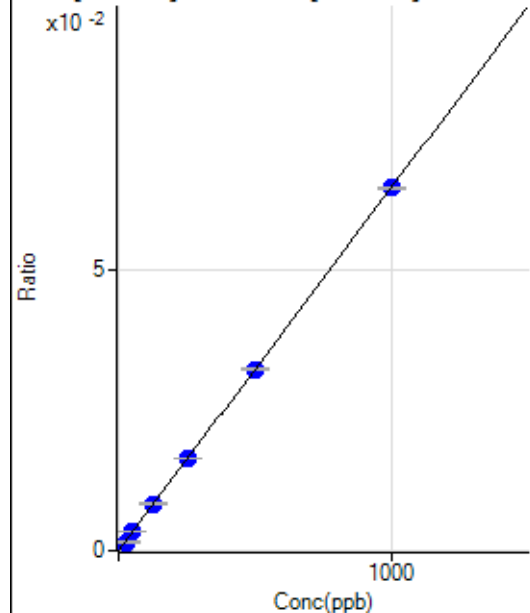
$$y = 5.4528\text{E-}004 * x + 1.1375\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02118$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.00	0.0000	P	11.5
2	☐	2.500					
3	☐	25.000	23.232	7830.13	0.0015	P	1.9
4	☐	50.000	51.949	17438.50	0.0034	P	2.0
5	☐	125.000	129.123	43471.79	0.0084	P	0.5
6	☐	250.000	253.146	83522.22	0.0164	P	0.8
7	☐	500.000	499.789	163939.52	0.0323	P	0.5
8	☐	1000.000	998.750	323421.77	0.0646	P	0.6
9	☐			6015.34	0.0012	P	8.4

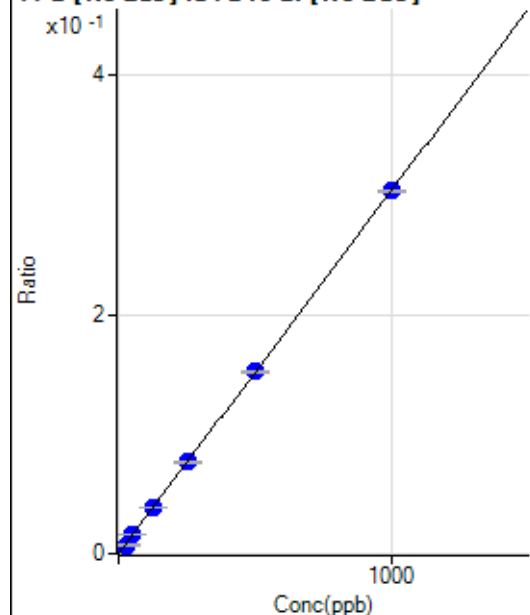
$$y = 6.4625\text{E-}005 * x + 2.4777\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1326$$

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	455.58	0.0001	P	16.5
2	☐	2.500					
3	☐	25.000	23.478	37010.14	0.0072	P	1.4
4	☐	50.000	52.144	82041.96	0.0159	P	0.6
5	☐	125.000	127.158	200868.60	0.0387	P	1.4
6	☐	250.000	251.724	389808.72	0.0765	P	0.7
7	☐	500.000	500.442	770553.50	0.1519	P	0.7
8	☐	1000.000	999.009	1518680.03	0.3032	P	0.3
9	☐			27556.60	0.0056	P	9.2

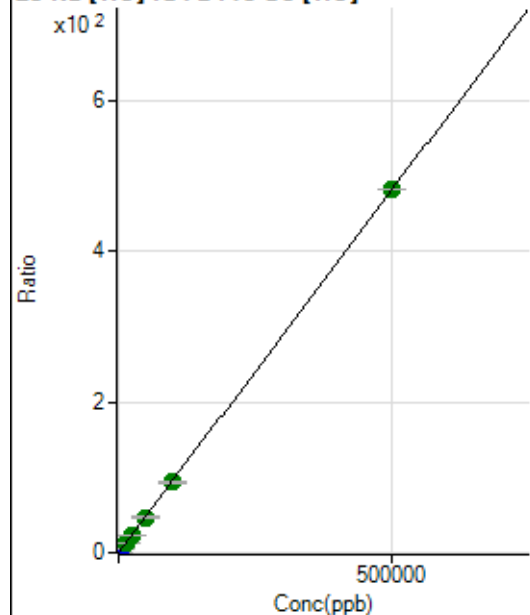
$$y = 3.0341\text{E-}004 * x + 9.0297\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1477$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16687.70	0.0246	P	1.7
2	☐	50.000					
3	☐	500.000	456.251	318238.35	0.4631	P	0.8
4	☐	5000.000	4901.108	3223008.30	4.7350	P	0.7
5	☐	12500.000	12331.579	7723019.44	11.8765	A	0.2
6	☐	25000.000	24514.914	15163662.84	23.5859	A	0.9
7	☐	50000.000	49054.019	30397044.08	47.1705	A	0.2
8	☐	100000.00	96940.816	58887429.79	93.1946	A	0.3
9	☐	500000.00	500735.93	304961170.7	481.2831	A	0.1

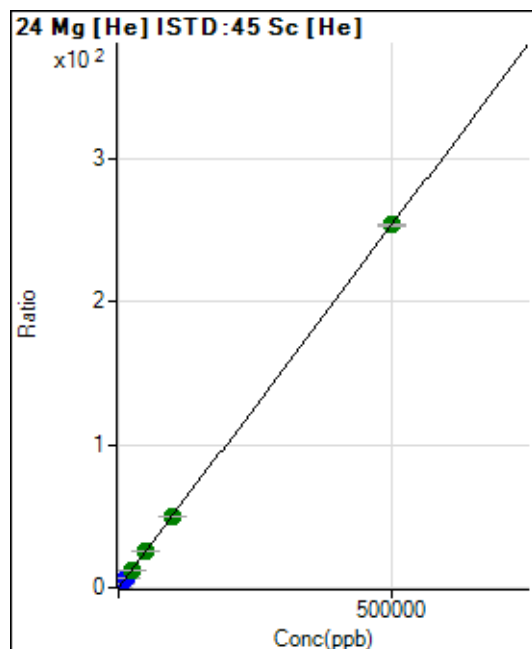
$$y = 9.6110\text{E-}004 * x + 0.0246$$

$$R = 1.0000$$

$$DL = 1.312$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0003	P	27.7
2	☐	50.000					
3	☐	500.000	454.615	158609.02	0.2308	P	1.1
4	☐	5000.000	4974.265	1716891.94	2.5224	P	1.0
5	☐	12500.000	12646.073	4169688.64	6.4122	P	0.2
6	☐	25000.000	24815.371	8089340.46	12.5823	A	0.8
7	☐	50000.000	49586.192	16201489.77	25.1417	A	0.3
8	☐	100000.00	97516.573	31242061.46	49.4436	A	0.6
9	☐	500000.00	500543.94	160812917.4	253.7886	A	0.2

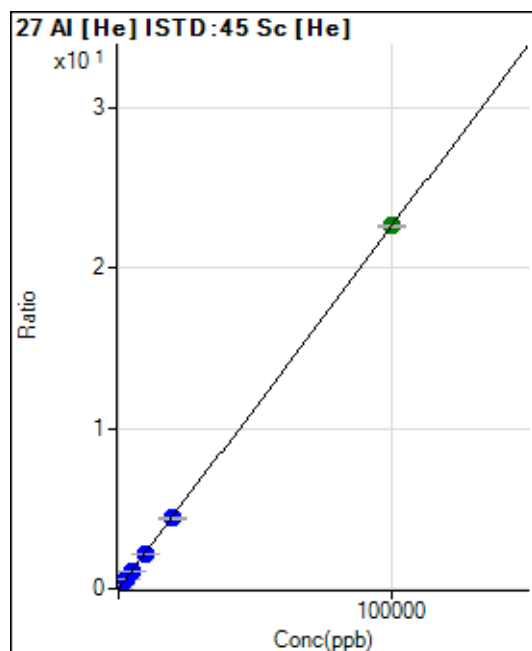
$$y = 5.0703\text{E-}004 * x + 2.9010\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4751$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.34	0.0001	P	42.6
2	☐	2.000					
3	☐	20.000	18.808	2975.42	0.0043	P	4.3
4	☐	1000.000	978.438	150333.25	0.2209	P	0.8
5	☐	2500.000	2475.394	363239.13	0.5586	P	0.7
6	☐	5000.000	4888.825	709269.13	1.1032	P	1.2
7	☐	10000.000	9763.371	1419688.29	2.2031	P	0.3
8	☐	20000.000	19422.124	2769162.34	4.3825	P	1.0
9	☐	100000.00	100145.62	14318557.27	22.5970	A	0.2

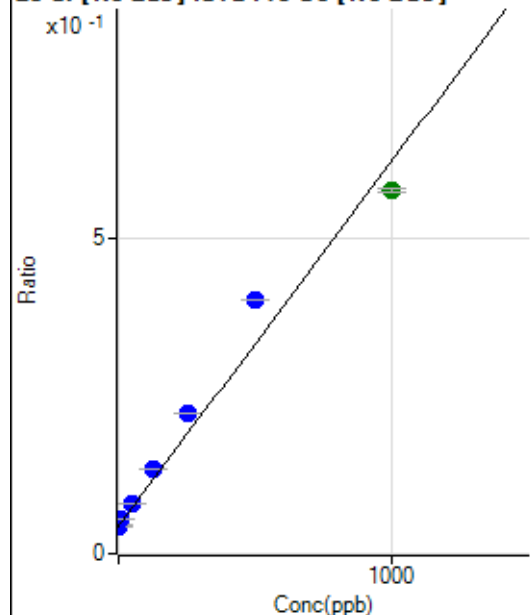
$$y = 2.2564\text{E-}004 * x + 8.5802\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.4865$$

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	502197.37	0.0437	P	2.1
2	☐	1.000					
3	☐	10.000	17.474	621937.23	0.0538	P	0.3
4	☐	50.000	63.074	925587.36	0.0801	P	0.6
5	☐	125.000	156.581	1525176.62	0.1340	P	0.3
6	☐	250.000	310.999	2473175.14	0.2231	P	0.4
7	☐	500.000	621.565	4376043.98	0.4022	P	0.4
8	☐	1000.000	919.292	6164229.57	0.5740	A	1.0
9	☐			525042.28	0.0488	P	0.7

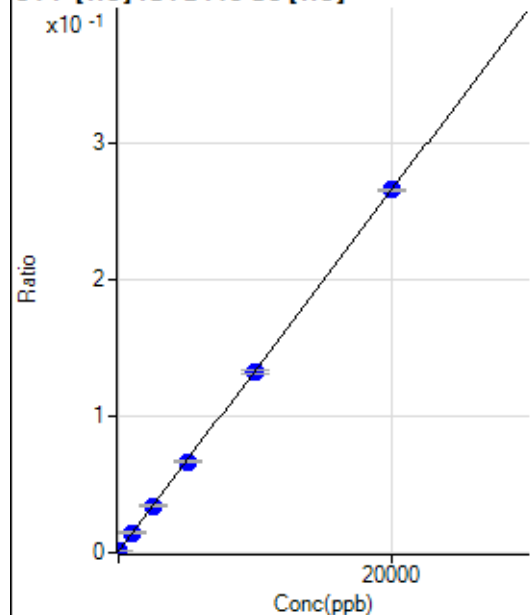
$$y = 5.7681\text{E-}004 * x + 0.0437$$

$$R = 0.9859$$

$$DL = 4.75$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.745	722.27	0.0011	P	6.3
2	☐	0.000					
3	☐	0.000	4.745	816.73	0.0012	P	5.7
4	☐	1000.000	1032.844	10051.00	0.0148	P	1.5
5	☐	2500.000	2522.938	22395.23	0.0344	P	1.6
6	☐	5000.000	4969.909	42921.06	0.0668	P	1.3
7	☐	10000.000	9964.649	85522.76	0.1327	P	2.1
8	☐	20000.000	20020.689	167781.50	0.2655	P	0.7
9	☐			830.62	0.0013	P	11.7

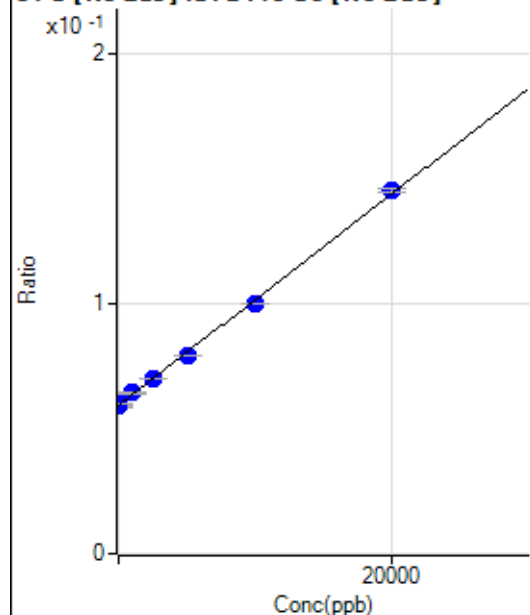
$$y = 1.3206\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 15.24$$

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	-140.214	675525.41	0.0588	P	0.2
2	☐	0.000					
3	☐	0.000	140.214	693474.07	0.0600	P	0.5
4	☐	1000.000	1158.081	742703.25	0.0643	P	0.8
5	☐	2500.000	2488.758	795161.40	0.0699	P	0.7
6	☐	5000.000	4693.186	877670.04	0.0792	P	0.4
7	☐	10000.000	9560.093	1084578.87	0.0997	P	0.4
8	☐	20000.000	20290.158	1556562.13	0.1449	P	1.1
9	☐			549503.59	0.0510	P	0.7

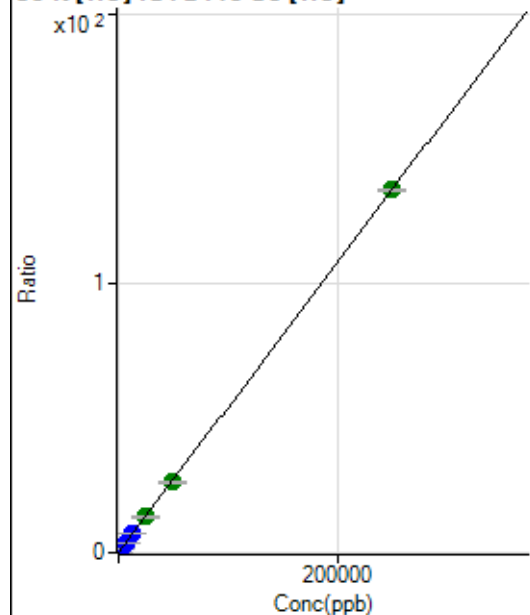
$$y = 4.2166\text{E-}006 * x + 0.0594$$

$$R = 0.9994$$

$$DL = 142.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68056.77	0.1002	P	0.2
2	☐	50.000					
3	☐	500.000	467.741	241953.05	0.3521	P	0.8
4	☐	2500.000	2490.676	981048.32	1.4413	P	0.8
5	☐	6250.000	6254.501	2255027.50	3.4679	P	0.5
6	☐	12500.000	12522.209	4399312.60	6.8427	P	0.1
7	☐	25000.000	24387.062	8526167.64	13.2312	A	0.7
8	☐	50000.000	48337.829	16509353.49	26.1273	A	0.2
9	☐	250000.00	250392.66	85492276.22	134.9220	A	0.4

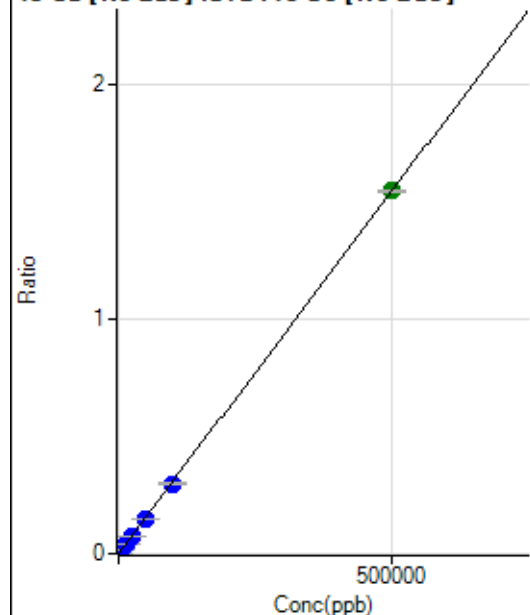
$$y = 5.3844\text{E-}004 * x + 0.1002$$

$$R = 1.0000$$

$$DL = 1.142$$

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	261.12	0.0000	P	27.0
2	☐	50.000					
3	☐	500.000	448.458	16265.18	0.0014	P	4.5
4	☐	5000.000	4787.457	171010.93	0.0148	P	1.5
5	☐	12500.000	12000.440	421684.73	0.0371	P	0.5
6	☐	25000.000	24139.359	825978.46	0.0745	P	1.4
7	☐	50000.000	48475.609	1627705.85	0.1496	P	0.6
8	☐	100000.00	96681.033	3204507.12	0.2984	P	0.5
9	☐	500000.00	500873.93	16643159.92	1.5457	A	0.4

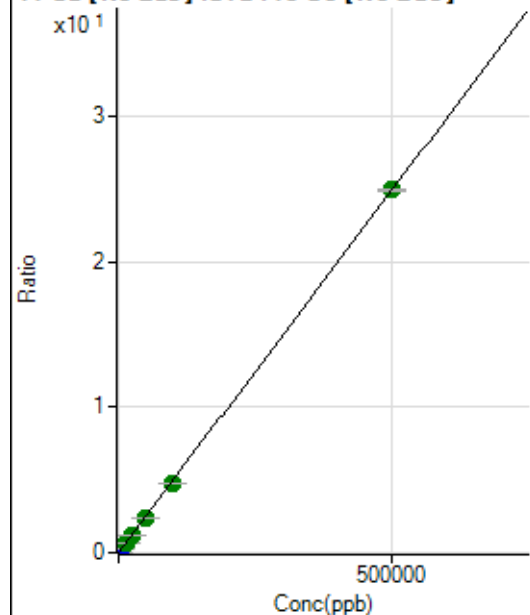
$$y = 3.0859\text{E-}006 * x + 2.2717\text{E-}005$$

$$R = 1.0000$$

$$DL = 5.953$$

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	21917.44	0.0019	P	2.6
2	☐	50.000					
3	☐	500.000	446.560	279121.43	0.0241	P	0.3
4	☐	5000.000	4807.489	2788044.66	0.2412	P	0.2
5	☐	12500.000	11978.628	6807800.41	0.5982	A	0.5
6	☐	25000.000	23962.250	13244743.18	1.1948	A	0.6
7	☐	50000.000	48112.118	26078268.81	2.3970	A	0.3
8	☐	100000.00	95728.126	51203536.91	4.7674	A	0.4
9	☐	500000.00	501110.06	268635633.7	24.9480	A	0.3

$$y = 4.9782\text{E-}005 * x + 0.0019$$

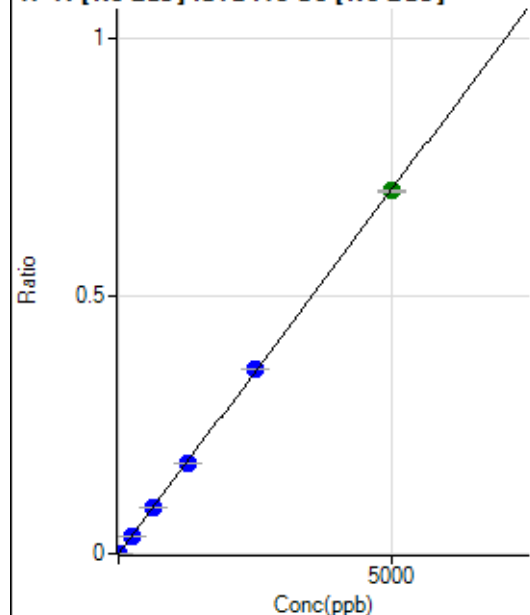
$$R = 1.0000$$

$$DL = 2.944$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	11.9
2	☐	0.500					
3	☐	5.000	4.594	7677.33	0.0007	P	4.6
4	☐	250.000	248.744	406754.22	0.0352	P	0.2
5	☐	625.000	626.342	1008245.85	0.0886	P	0.2
6	☐	1250.000	1250.725	1961107.42	0.1769	P	0.2
7	☐	2500.000	2532.142	3896308.33	0.3581	P	0.3
8	☐	5000.000	4983.643	7570181.76	0.7048	A	0.4
9	☐			4084.08	0.0004	P	4.2

$$y = 1.4143\text{E-}004 * x + 1.4265\text{E-}005$$

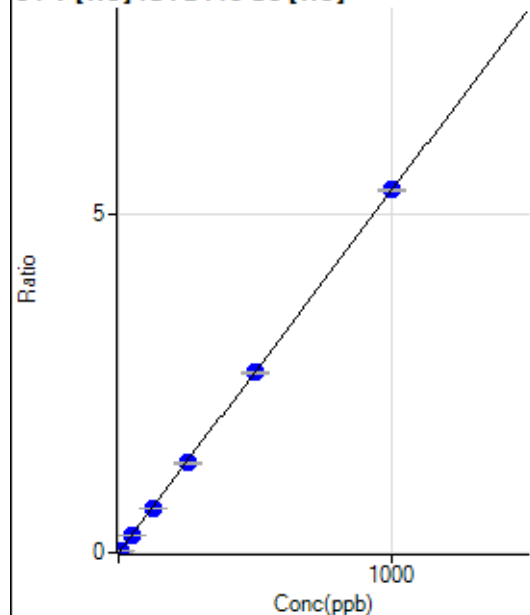
$$R = 1.0000$$

$$DL = 0.03602$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	33.8
2	☐	0.500					
3	☐	5.000	4.563	16818.66	0.0245	P	1.6
4	☐	50.000	48.893	178372.74	0.2621	P	1.2
5	☐	125.000	124.383	433509.39	0.6666	P	0.2
6	☐	250.000	248.054	854719.51	1.3295	P	1.0
7	☐	500.000	497.405	1717879.59	2.6658	P	0.5
8	☐	1000.000	1001.919	3393021.54	5.3698	P	0.5
9	☐			1023.39	0.0016	P	4.6

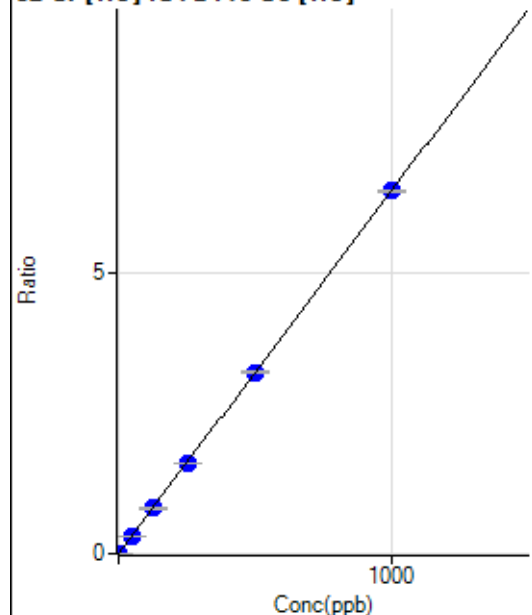
$$y = 0.0054 * x + 1.4738\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.002787$$

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	720.03	0.0011	P	7.2
2	☐	0.200					
3	☐	2.000	1.993	9598.83	0.0140	P	4.5
4	☐	50.000	49.661	219630.51	0.3227	P	1.1
5	☐	125.000	124.792	526175.16	0.8092	P	1.0
6	☐	250.000	250.191	1042376.80	1.6213	P	0.8
7	☐	500.000	499.992	2087268.23	3.2391	P	0.6
8	☐	1000.000	999.999	4092782.23	6.4772	P	0.3
9	☐			115331.29	0.1820	P	0.6

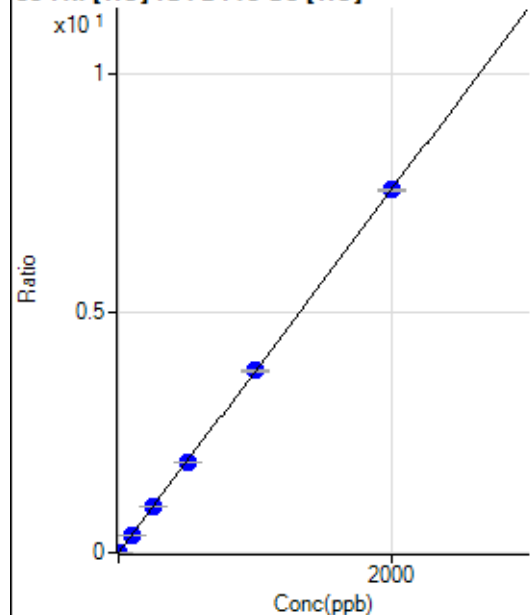
$$y = 0.0065 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.03525$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0001	P	24.3
2	☐	0.100					
3	☐	1.000	1.003	2662.51	0.0039	P	3.4
4	☐	100.000	99.585	256878.02	0.3774	P	0.8
5	☐	250.000	249.871	615661.67	0.9468	P	0.5
6	☐	500.000	499.356	1216449.80	1.8921	P	0.7
7	☐	1000.000	1002.182	2446934.29	3.7972	P	0.6
8	☐	2000.000	1999.107	4786113.26	7.5744	P	0.4
9	☐			19139.36	0.0302	P	0.9

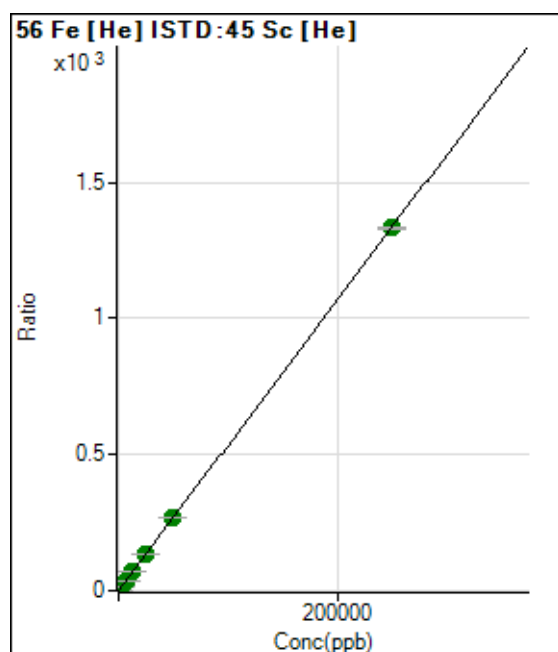
$$y = 0.0038 * x + 7.3672E-005$$

$$R = 1.0000$$

$$DL = 0.0142$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6031.04	0.0089	P	0.5
2	☐	5.000					
3	☐	50.000	48.266	182952.62	0.2662	P	0.4
4	☐	2500.000	2525.781	9172201.48	13.4752	A	0.4
5	☐	6250.000	6381.335	22129009.29	34.0313	A	0.9
6	☐	12500.000	12694.930	43520925.98	67.6926	A	0.6
7	☐	25000.000	25336.840	87054180.65	135.0937	A	0.8
8	☐	50000.000	50069.471	168684200.0	266.9571	A	0.1
9	☐	250000.00	249939.13	844367233.6	1,332.573	A	0.5

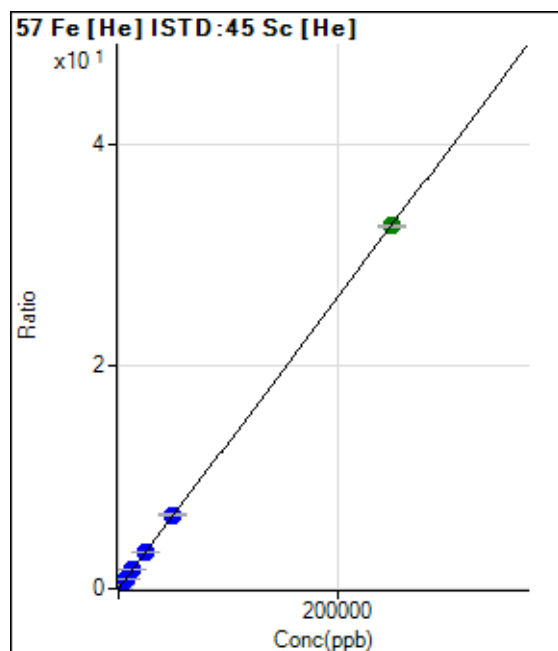
$$y = 0.0053 * x + 0.0089$$

$$R = 1.0000$$

$$DL = 0.02677$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	629.66	0.0009	P	13.9
2	☐	5.000					
3	☐	50.000	49.782	5102.87	0.0074	P	3.4
4	☐	2500.000	2510.966	223750.74	0.3287	P	1.2
5	☐	6250.000	6376.242	541886.89	0.8333	P	0.8
6	☐	12500.000	12712.321	1067542.05	1.6605	P	1.0
7	☐	25000.000	25492.973	2145179.09	3.3289	P	0.4
8	☐	50000.000	50937.886	4202366.90	6.6506	P	0.5
9	☐	250000.00	249749.24	20659577.78	32.6046	A	0.2

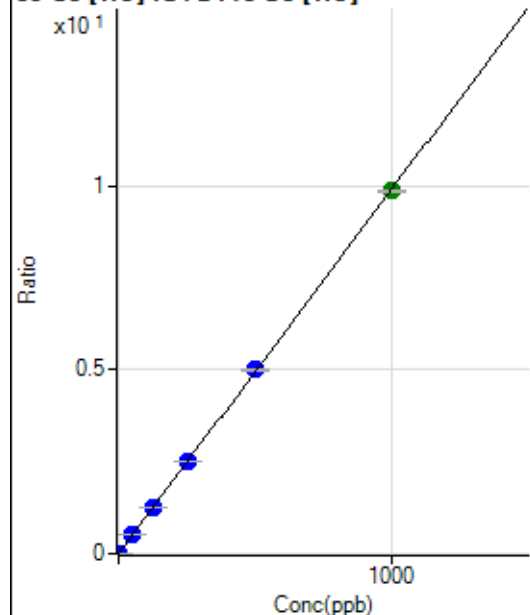
$$y = 1.3055E-004 * x + 9.2668E-004$$

$$R = 1.0000$$

$$DL = 2.954$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.44	0.0002	P	27.2
2	☐	0.100					
3	☐	1.000	0.958	6622.70	0.0096	P	1.3
4	☐	50.000	50.630	341358.13	0.5015	P	0.4
5	☐	125.000	127.354	820148.10	1.2612	P	0.6
6	☐	250.000	253.064	1611162.23	2.5060	P	0.7
7	☐	500.000	505.454	3225400.99	5.0052	P	0.5
8	☐	1000.000	996.181	6233127.06	9.8645	A	0.3
9	☐			75025.30	0.1184	P	0.9

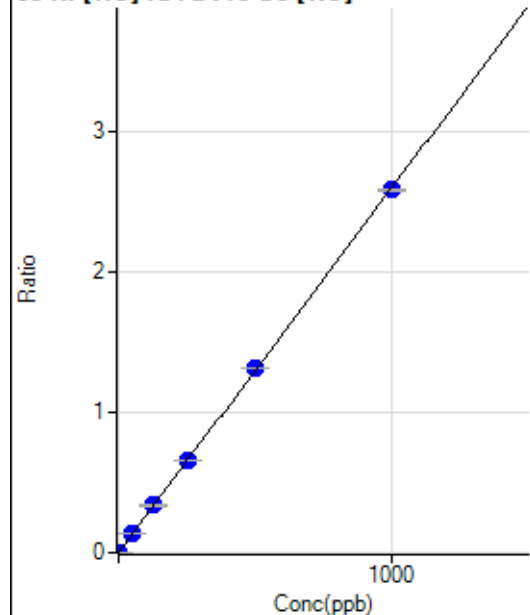
$$y = 0.0099 * x + 1.5365E-004$$

$$R = 1.0000$$

$$DL = 0.01265$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0001	P	21.0
2	☐	0.100					
3	☐	1.000	1.059	1930.15	0.0028	P	1.9
4	☐	50.000	51.150	90293.74	0.1327	P	0.5
5	☐	125.000	129.264	217915.37	0.3351	P	1.0
6	☐	250.000	254.937	424907.92	0.6609	P	0.7
7	☐	500.000	505.256	844035.65	1.3098	P	0.2
8	☐	1000.000	995.547	1630677.69	2.5807	P	0.7
9	☐			43171.32	0.0681	P	0.6

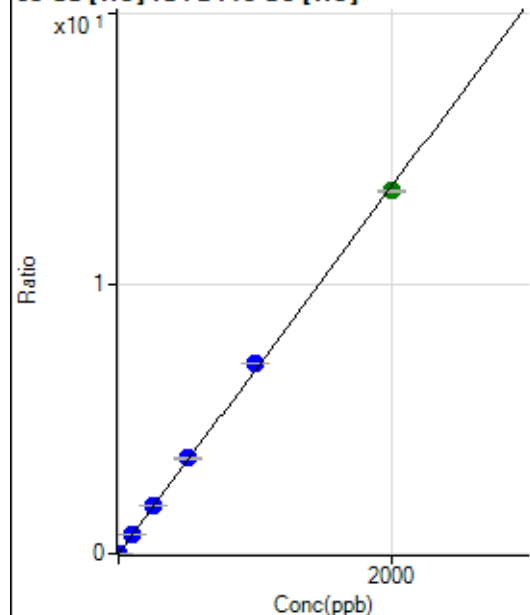
$$y = 0.0026 * x + 6.3864E-005$$

$$R = 1.0000$$

$$DL = 0.01555$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	895.60	0.0013	P	0.9
2	☐	0.200					
3	☐	2.000	2.004	10270.40	0.0149	P	2.3
4	☐	100.000	103.088	478023.09	0.7023	P	0.1
5	☐	250.000	260.389	1152157.66	1.7719	P	0.6
6	☐	500.000	518.658	2268195.16	3.5280	P	0.7
7	☐	1000.000	1033.368	4528776.95	7.0278	P	0.2
8	☐	2000.000	1977.198	8495856.19	13.4455	A	0.5
9	☐			10672.95	0.0168	P	3.4

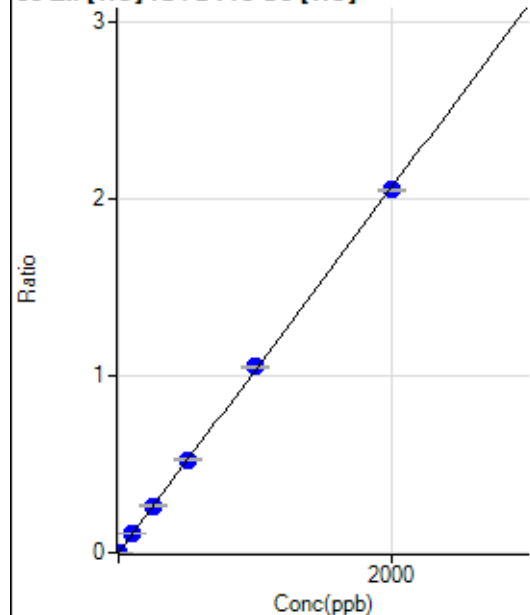
$$y = 0.0068 * x + 0.0013$$

$$R = 0.9997$$

$$DL = 0.005238$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.34	0.0001	P	21.8
2	☐	0.200					
3	☐	2.000	2.088	1573.44	0.0023	P	5.1
4	☐	100.000	101.732	71461.68	0.1050	P	0.2
5	☐	250.000	257.425	172616.42	0.2655	P	1.0
6	☐	500.000	510.382	338273.53	0.5262	P	1.0
7	☐	1000.000	1018.343	676422.83	1.0497	P	0.4
8	☐	2000.000	1987.218	1294233.84	2.0482	P	0.5
9	☐			6860.59	0.0108	P	1.7

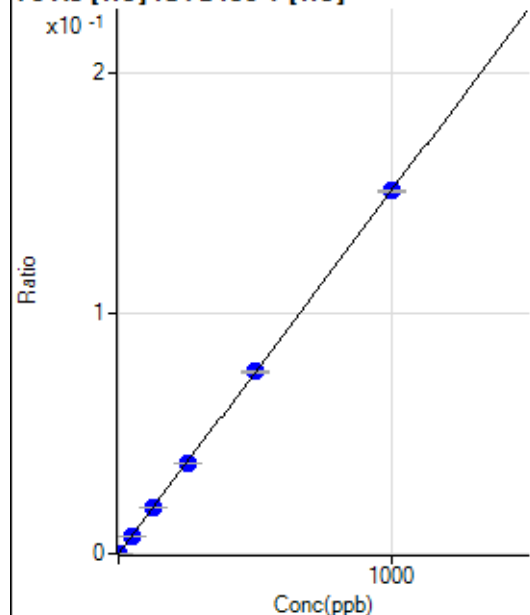
$$y = 0.0010 * x + 1.3735E-004$$

$$R = 0.9999$$

$$DL = 0.08719$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.64	0.0000	P	12.3
2	☐	0.100					
3	☐	1.000	0.960	512.98	0.0001	P	4.7
4	☐	50.000	50.013	26039.99	0.0076	P	0.4
5	☐	125.000	126.071	63151.80	0.0190	P	0.8
6	☐	250.000	249.077	123898.26	0.0376	P	0.8
7	☐	500.000	500.966	250611.78	0.0757	P	0.2
8	☐	1000.000	999.613	490391.11	0.1510	P	0.2
9	☐			772.87	0.0002	P	4.1

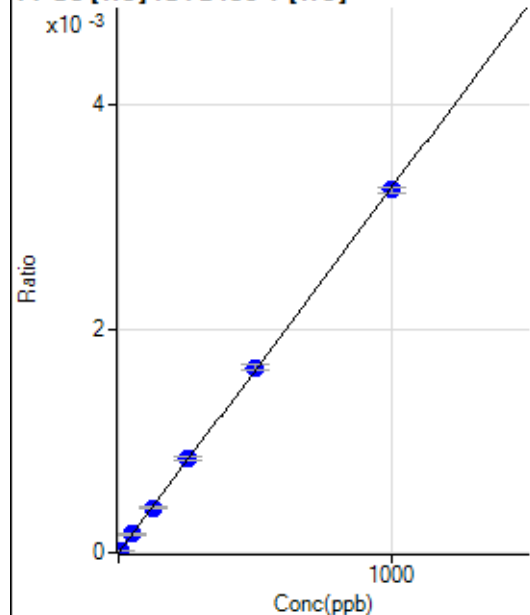
$$y = 1.5106\text{E-}004 * x + 2.5174\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006164$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.584	63.34	0.0000	P	17.9
4	☐	50.000	50.221	564.47	0.0002	P	7.0
5	☐	125.000	123.109	1332.31	0.0004	P	5.3
6	☐	250.000	257.412	2764.75	0.0008	P	3.6
7	☐	500.000	507.902	5486.69	0.0017	P	3.1
8	☐	1000.000	994.418	10535.08	0.0032	P	1.4
9	☐			5.56	0.0000	P	34.7

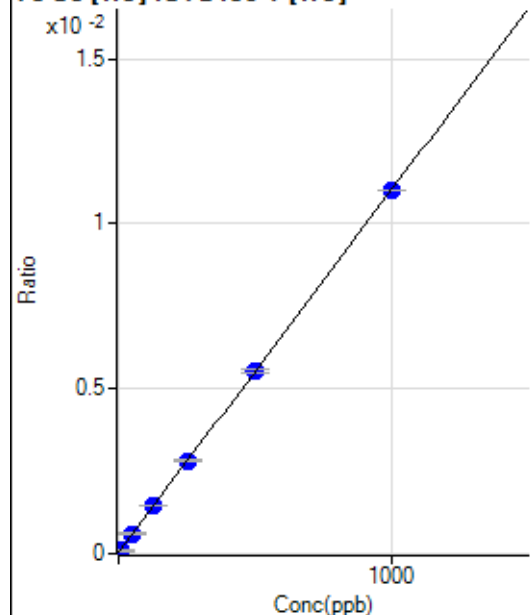
$$y = 3.2621\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.87	0.0000	P	18.8
2	☐	0.500					
3	☐	5.000	4.533	305.56	0.0001	P	9.9
4	☐	50.000	52.102	2104.49	0.0006	P	1.3
5	☐	125.000	129.946	4862.59	0.0015	P	1.4
6	☐	250.000	253.354	9294.41	0.0028	P	0.9
7	☐	500.000	502.438	18414.25	0.0056	P	2.3
8	☐	1000.000	997.221	35718.54	0.0110	P	0.1
9	☐			149.39	0.0000	P	19.7

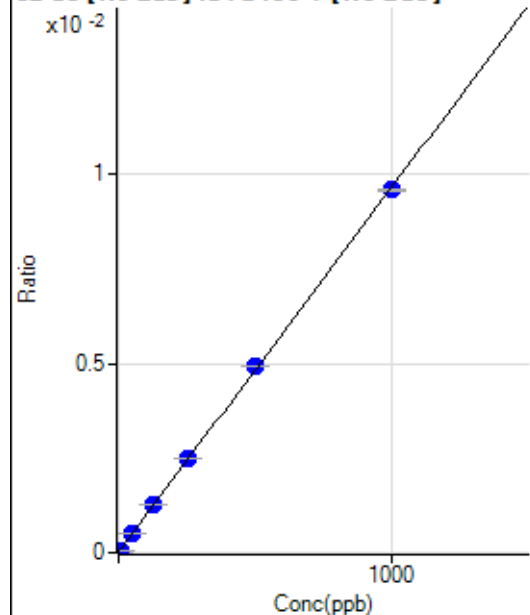
$$y = 1.0991\text{E-}005 * x + 3.8114\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.953$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	274.01	0.0000	P	33.4
2	☐	0.500					
3	☐	5.000	4.918	1090.17	0.0001	P	7.2
4	☐	50.000	51.869	8887.82	0.0005	P	1.4
5	☐	125.000	129.845	21648.67	0.0013	P	0.8
6	☐	250.000	256.029	42313.99	0.0025	P	1.3
7	☐	500.000	508.105	83073.17	0.0049	P	0.2
8	☐	1000.000	993.741	160790.56	0.0096	P	0.3
9	☐			439.78	0.0000	P	6.3

$$y = 9.6449\text{E-}006 * x + 1.5975\text{E-}005$$

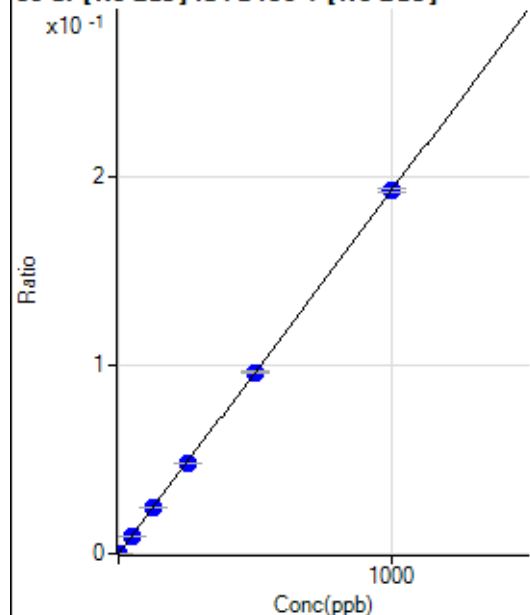
$$R = 0.9999$$

$$DL = 1.657$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	880.62	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	0.949	4028.51	0.0002	P	5.7
4	☐	50.000	49.837	166305.18	0.0097	P	0.7
5	☐	125.000	126.222	416267.65	0.0244	P	1.3
6	☐	250.000	250.588	823429.76	0.0484	P	0.6
7	☐	500.000	500.117	1630105.76	0.0965	P	0.7
8	☐	1000.000	999.650	3228848.29	0.1928	P	0.9
9	☐			107671.08	0.0066	P	1.1

$$y = 1.9280E-004 * x + 5.1356E-005$$

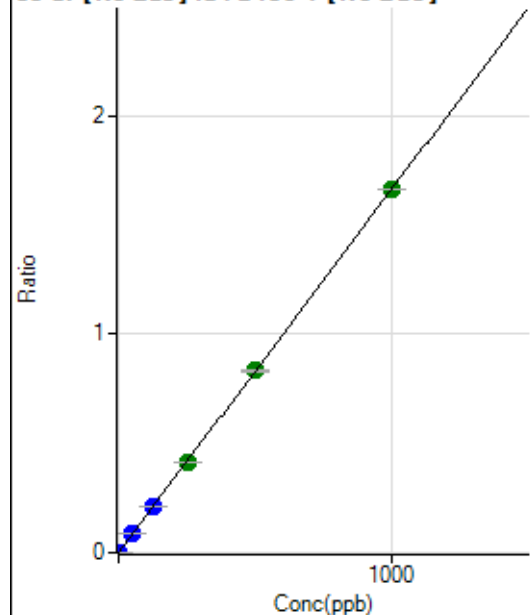
$$R = 1.0000$$

$$DL = 0.1176$$

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	155.56	0.0000	P	8.2
2	☐	0.100					
3	☐	1.000	0.954	27429.86	0.0016	P	1.4
4	☐	50.000	50.673	1451045.64	0.0843	P	0.6
5	☐	125.000	129.321	3671498.04	0.2151	P	0.1
6	☐	250.000	249.182	7056146.69	0.4144	A	0.2
7	☐	500.000	501.015	14079639.90	0.8333	A	0.3
8	☐	1000.000	999.123	27831548.54	1.6617	A	0.1
9	☐			928740.58	0.0567	P	0.4

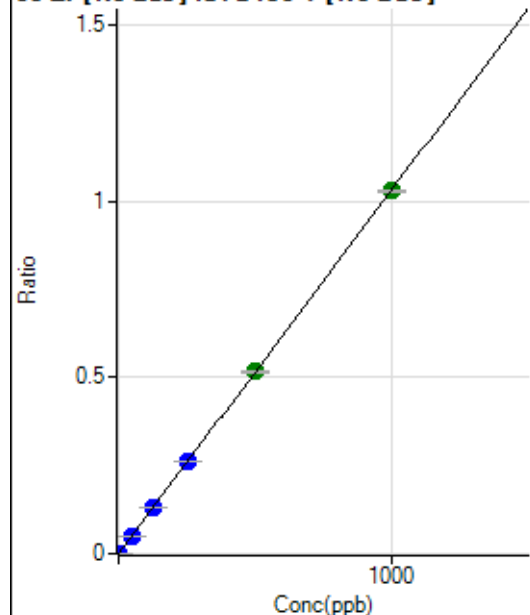
$$y = 0.0017 * x + 9.0724E-006$$

$$R = 1.0000$$

$$DL = 0.001347$$

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	1050.08	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	0.979	18406.90	0.0011	P	1.8
4	☐	50.000	49.335	876251.87	0.0509	P	0.7
5	☐	125.000	126.838	2231988.44	0.1308	P	0.2
6	☐	250.000	255.317	4480225.88	0.2632	P	0.5
7	☐	500.000	500.903	8722047.16	0.5162	A	0.7
8	☐	1000.000	998.023	17224925.38	1.0285	A	0.3
9	☐			4270.26	0.0003	P	6.6

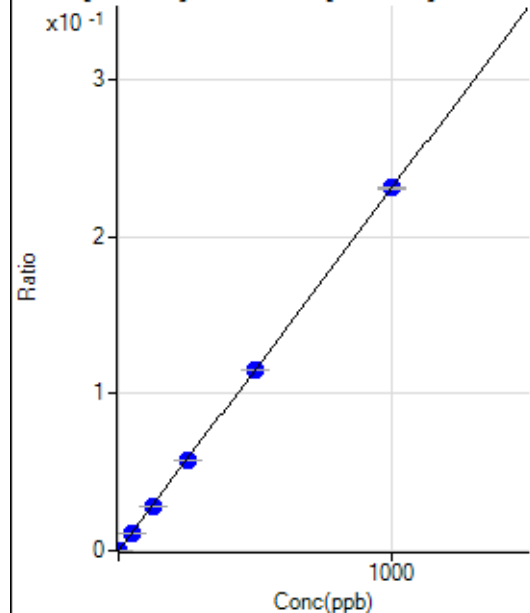
$$y = 0.0010 * x + 6.1235E-005$$

$$R = 1.0000$$

$$DL = 0.01083$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.24	0.0000	P	4.8
2	☐	0.100					
3	☐	1.000	0.994	4145.22	0.0002	P	6.4
4	☐	50.000	48.583	193344.55	0.0112	P	0.7
5	☐	125.000	124.391	490509.61	0.0287	P	0.2
6	☐	250.000	247.538	973409.43	0.0572	P	0.6
7	☐	500.000	498.330	1944589.15	0.1151	P	0.1
8	☐	1000.000	1001.598	3873937.80	0.2313	P	0.6
9	☐			855.62	0.0001	P	13.5

$$y = 2.3093E-004 * x + 1.1502E-005$$

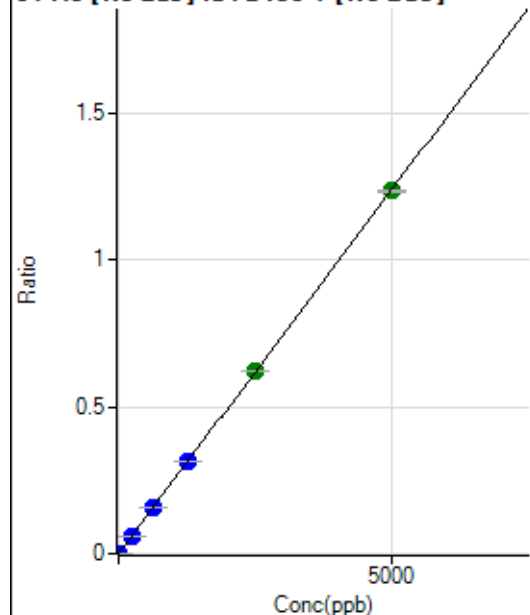
$$R = 1.0000$$

$$DL = 0.007124$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	383.35	0.0000	P	12.0
2	☐	0.500					
3	☐	5.000	4.726	20473.63	0.0012	P	1.4
4	☐	250.000	248.843	1059453.80	0.0615	P	0.2
5	☐	625.000	638.882	2696348.21	0.1580	P	0.3
6	☐	1250.000	1277.233	5376310.32	0.3158	P	0.6
7	☐	2500.000	2505.887	10467833.57	0.6195	A	0.3
8	☐	5000.000	4988.571	20655878.41	1.2333	A	0.3
9	☐			20971.75	0.0013	P	1.6

$$y = 2.4722\text{E-}004 * x + 2.2355\text{E-}005$$

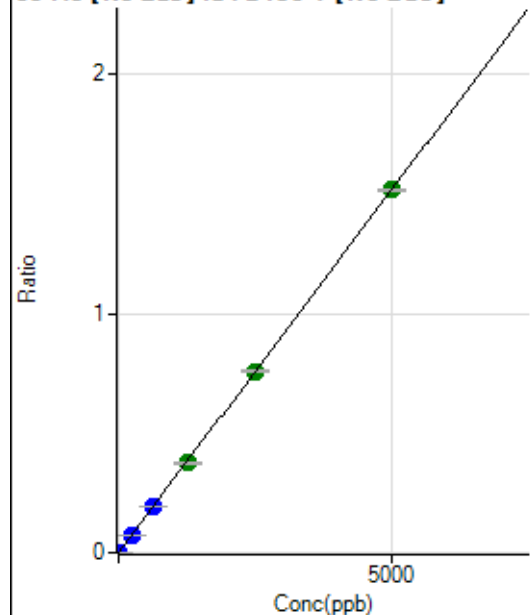
$$R = 1.0000$$

$$DL = 0.03268$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	96.2
2	☐	0.500					
3	☐	5.000	4.663	24371.60	0.0014	P	2.8
4	☐	250.000	248.363	1297409.63	0.0754	P	0.5
5	☐	625.000	633.385	3280409.13	0.1922	P	0.6
6	☐	1250.000	1233.741	6373528.27	0.3744	A	0.4
7	☐	2500.000	2502.176	12828189.78	0.7592	A	0.4
8	☐	5000.000	5002.011	25419619.67	1.5177	A	0.2
9	☐			33131.05	0.0020	P	2.0

$$y = 3.0343\text{E-}004 * x + 2.5898\text{E-}006$$

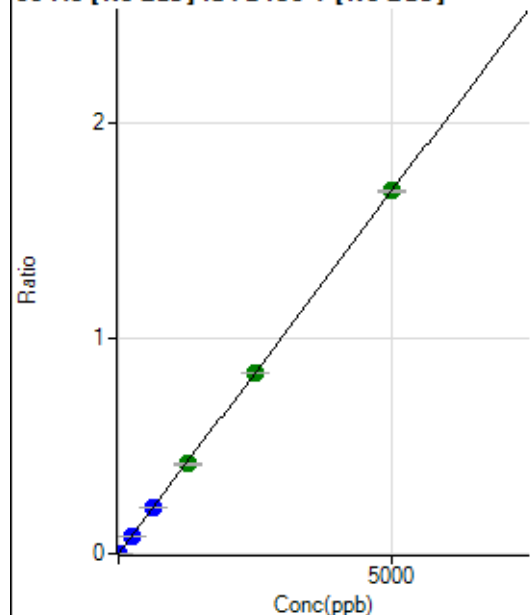
$$R = 1.0000$$

$$DL = 0.02463$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	44.3
2	☐	0.500					
3	☐	5.000	4.628	26931.82	0.0016	P	1.5
4	☐	250.000	247.460	1435937.48	0.0834	P	0.9
5	☐	625.000	630.921	3629765.36	0.2127	P	0.4
6	☐	1250.000	1234.142	7082000.77	0.4160	A	0.5
7	☐	2500.000	2493.786	14201780.18	0.8405	A	0.4
8	☐	5000.000	5006.459	28260831.19	1.6874	A	0.3
9	☐			40556.05	0.0025	P	0.5

$$y = 3.3704E-004 * x + 6.6454E-006$$

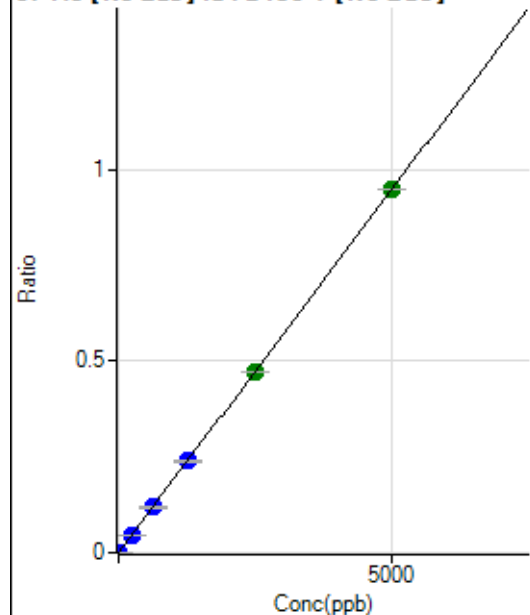
$$R = 1.0000$$

$$DL = 0.02619$$

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	77.78	0.0000	P	12.2
2	☐	0.500					
3	☐	5.000	4.675	15303.18	0.0009	P	1.4
4	☐	250.000	245.795	801483.81	0.0466	P	0.9
5	☐	625.000	624.440	2018700.24	0.1183	P	1.0
6	☐	1250.000	1261.689	4068493.41	0.2390	P	0.7
7	☐	2500.000	2494.078	7981381.52	0.4724	A	0.6
8	☐	5000.000	5000.319	15861441.85	0.9470	A	0.0
9	☐			20362.52	0.0012	P	1.1

$$y = 1.8940E-004 * x + 4.5355E-006$$

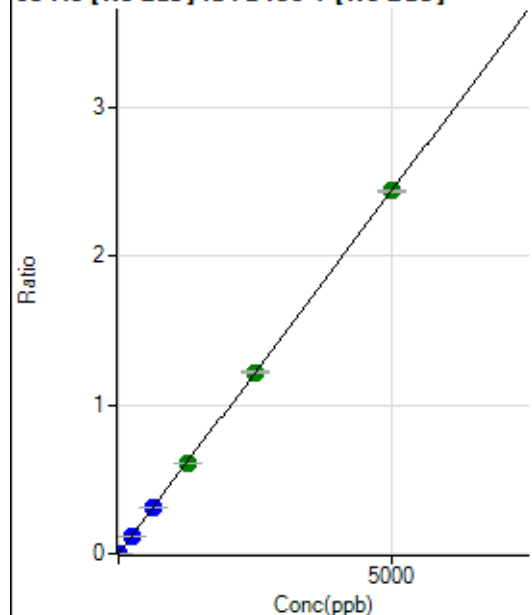
$$R = 1.0000$$

$$DL = 0.008764$$

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	50.00	0.0000	P	16.8
2	☐	0.500					
3	☐	5.000	4.621	38795.47	0.0023	P	2.0
4	☐	250.000	247.636	2078768.41	0.1208	P	0.6
5	☐	625.000	633.967	5276450.25	0.3091	P	0.7
6	☐	1250.000	1238.688	10283388.34	0.6040	A	0.4
7	☐	2500.000	2499.490	20592481.89	1.2188	A	0.6
8	☐	5000.000	5002.081	40849351.61	2.4390	A	0.2
9	☐			53710.61	0.0033	P	2.3

$$y = 4.8760\text{E-}004 * x + 2.9167\text{E-}006$$

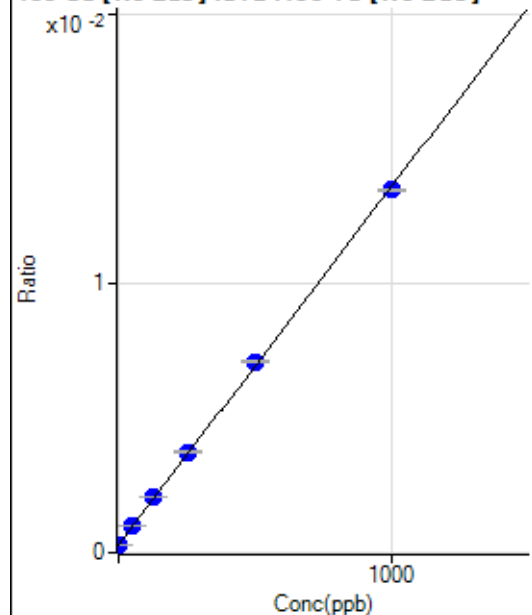
$$R = 1.0000$$

$$DL = 0.003023$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5629.11	0.0003	P	4.7
2	☐	0.100					
3	☐	1.000	1.446	6009.89	0.0003	P	3.6
4	☐	50.000	53.333	19619.77	0.0010	P	2.0
5	☐	125.000	134.129	41021.84	0.0021	P	1.5
6	☐	250.000	259.500	74359.49	0.0037	P	0.7
7	☐	500.000	510.530	141764.55	0.0071	P	1.0
8	☐	1000.000	991.052	269381.30	0.0135	P	0.3
9	☐			5456.84	0.0003	P	3.4

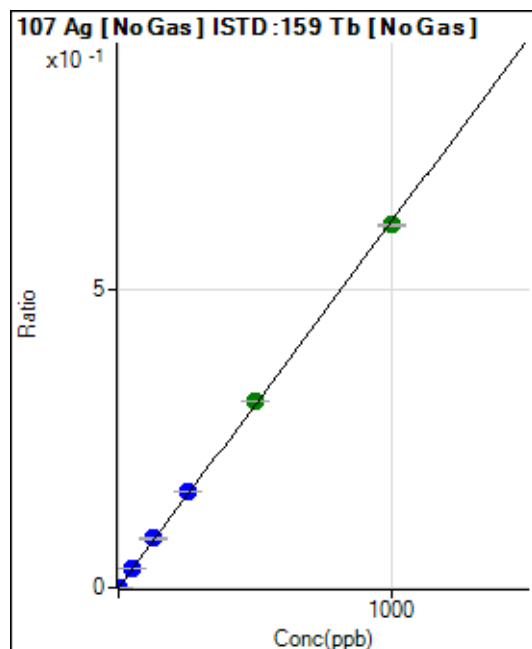
$$y = 1.3316\text{E-}005 * x + 2.8882\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.053$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	18.1
2	☐	0.100					
3	☐	1.000	0.992	12005.61	0.0006	P	2.4
4	☐	50.000	53.262	641270.81	0.0327	P	1.0
5	☐	125.000	134.091	1625083.16	0.0822	P	0.4
6	☐	250.000	263.519	3207762.64	0.1615	P	0.4
7	☐	500.000	508.466	6234071.23	0.3116	A	0.2
8	☐	1000.000	991.088	12134179.35	0.6074	A	0.6
9	☐			888.96	0.0000	P	18.8

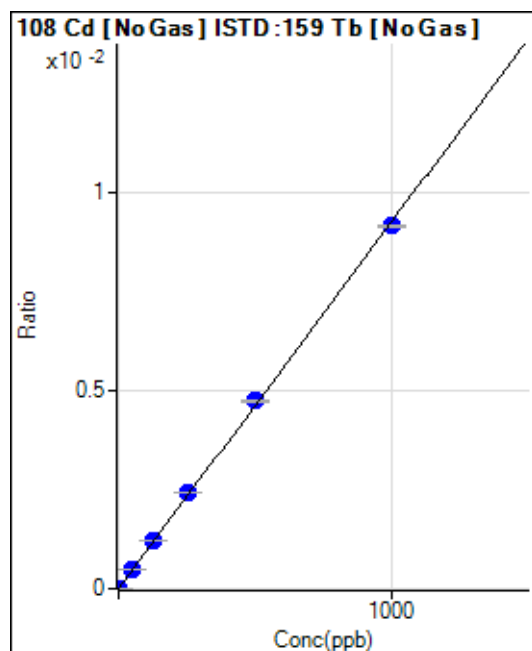
$$y = 6.1290\text{E-}004 * x + 7.1235\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.0063$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	77.9
2	☐	0.100					
3	☐	1.000	0.955	183.34	0.0000	P	33.1
4	☐	50.000	51.812	9425.55	0.0005	P	1.9
5	☐	125.000	132.142	24180.70	0.0012	P	1.5
6	☐	250.000	261.975	48141.50	0.0024	P	1.1
7	☐	500.000	512.807	94906.88	0.0047	P	1.3
8	☐	1000.000	989.619	182885.19	0.0092	P	0.5
9	☐			51.39	0.0000	P	33.6

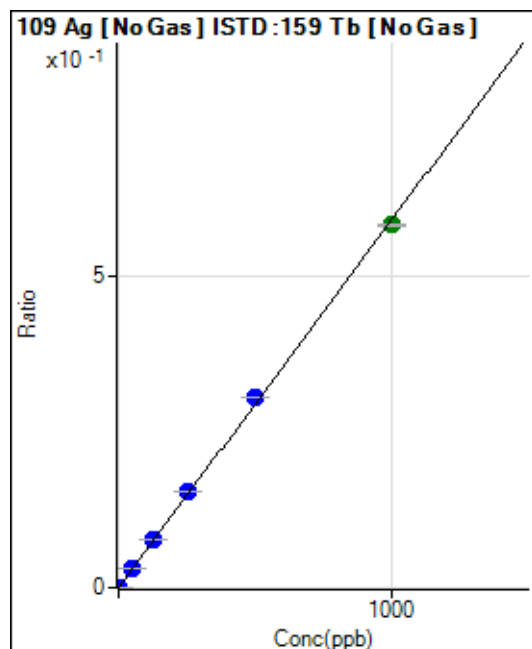
$$y = 9.2507\text{E-}006 * x + 5.6901\text{E-}007$$

$$R = 0.9998$$

$$DL = 0.1437$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	1.003	11630.23	0.0006	P	3.0
4	☐	50.000	52.718	611203.98	0.0311	P	1.2
5	☐	125.000	132.168	1542534.94	0.0780	P	0.8
6	☐	250.000	261.999	3071320.47	0.1546	P	0.5
7	☐	500.000	517.072	6105256.47	0.3052	P	0.5
8	☐	1000.000	987.432	11642794.79	0.5828	A	0.5
9	☐			755.61	0.0000	P	21.8

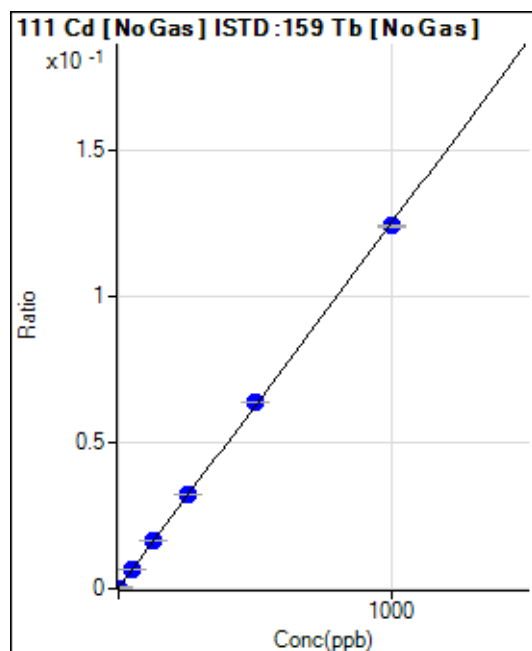
$$y = 5.9025\text{E-}004 * x + 3.9907\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.004525$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3943.71	0.0002	P	4.8
2	☐	0.100					
3	☐	1.000	0.990	6356.59	0.0003	P	4.5
4	☐	50.000	52.334	132202.56	0.0067	P	0.5
5	☐	125.000	130.064	324823.18	0.0164	P	0.4
6	☐	250.000	258.440	644339.15	0.0324	P	0.4
7	☐	500.000	509.097	1274511.02	0.0637	P	0.5
8	☐	1000.000	992.592	2477639.69	0.1240	P	0.9
9	☐			4171.33	0.0002	P	1.7

$$y = 1.2475\text{E-}004 * x + 2.0234\text{E-}004$$

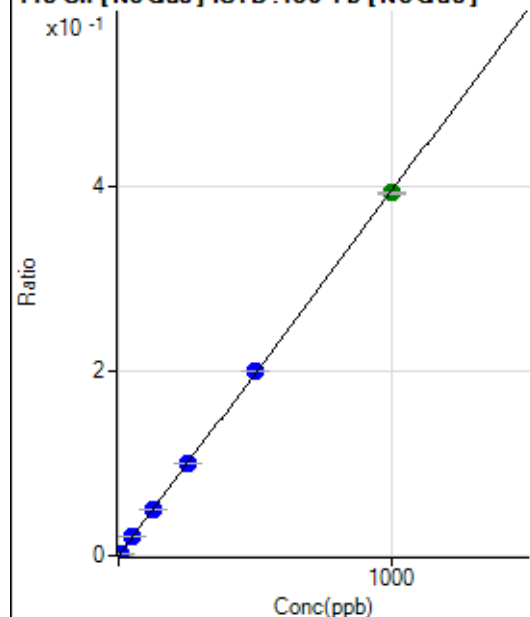
$$R = 0.9999$$

$$DL = 0.2331$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	900.07	0.0000	P	10.9
2	☐	0.500					
3	☐	5.000	4.785	37718.19	0.0019	P	1.6
4	☐	50.000	50.794	394402.32	0.0201	P	0.9
5	☐	125.000	127.951	998793.35	0.0505	P	0.2
6	☐	250.000	254.486	1994459.35	0.1004	P	0.5
7	☐	500.000	506.760	3999447.79	0.1999	P	0.6
8	☐	1000.000	995.091	7841558.42	0.3926	A	0.5
9	☐			18587.88	0.0010	P	2.5

$$y = 3.9445\text{E-}004 * x + 4.6193\text{E-}005$$

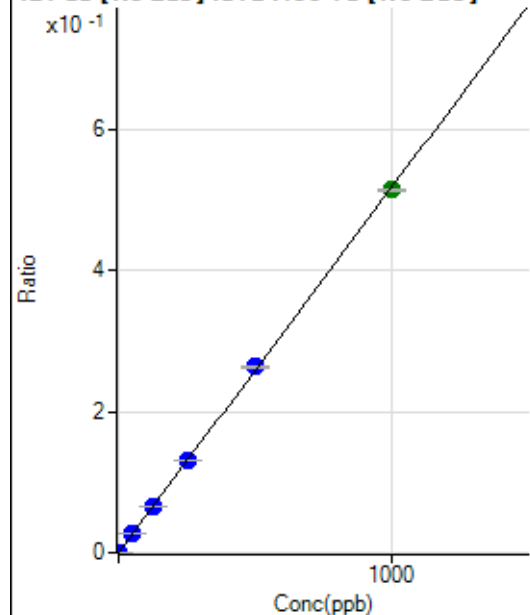
$$R = 1.0000$$

$$DL = 0.03829$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.3
2	☐	0.200					
3	☐	2.000	1.893	19219.44	0.0010	P	2.5
4	☐	50.000	50.532	514114.31	0.0262	P	1.0
5	☐	125.000	127.146	1302141.79	0.0659	P	0.3
6	☐	250.000	254.582	2618757.54	0.1319	P	0.4
7	☐	500.000	509.120	5274873.64	0.2637	P	0.7
8	☐	1000.000	994.000	10284083.22	0.5148	A	0.5
9	☐			14274.51	0.0007	P	4.0

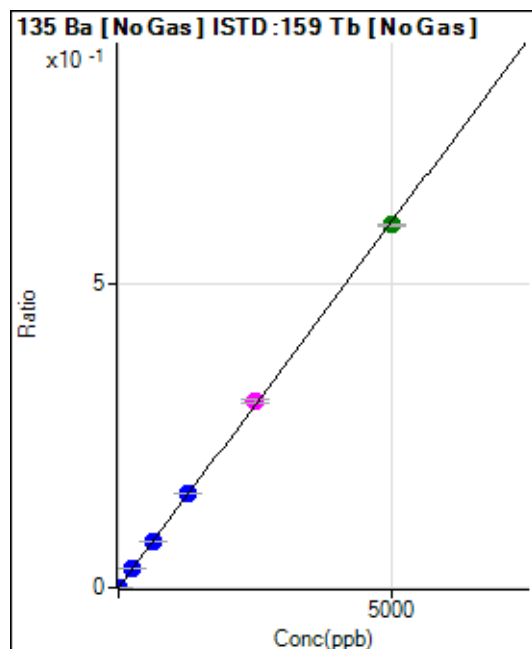
$$y = 5.1793\text{E-}004 * x + 4.7009\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008518$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	33.0
2	☐	1.000					
3	☐	10.000	9.501	22385.61	0.0011	P	2.9
4	☐	250.000	252.343	597290.92	0.0304	P	0.6
5	☐	625.000	636.746	1517177.19	0.0767	P	0.6
6	☐	1250.000	1280.144	3063761.85	0.1543	P	0.2
7	☐	2500.000	2558.920	6168555.48	0.3084	M	2.0
8	☐	5000.000	4961.419	11943057.04	0.5979	A	0.7
9	☐			2903.22	0.0001	P	7.3

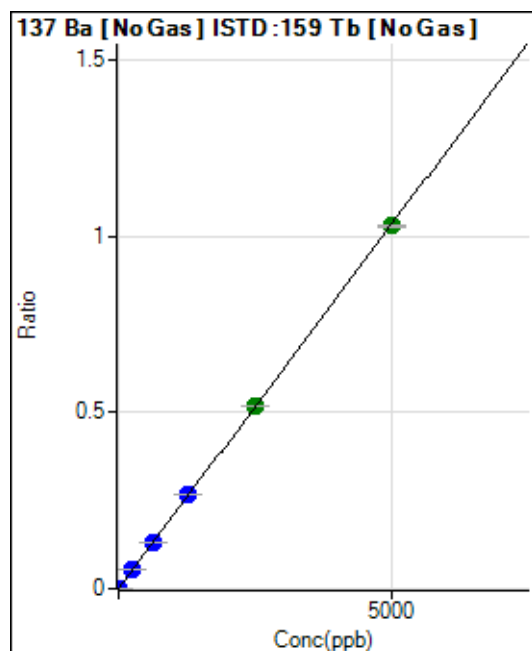
$$y = 1.2051\text{E-}004 * x + 2.5625\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02106$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.12	0.0000	P	7.7
2	☐	1.000					
3	☐	10.000	9.564	38618.41	0.0020	P	1.4
4	☐	250.000	254.755	1034036.07	0.0526	P	0.8
5	☐	625.000	642.693	2626046.07	0.1328	P	0.3
6	☐	1250.000	1300.005	5335432.02	0.2687	P	0.2
7	☐	2500.000	2510.117	10376399.28	0.5187	A	0.1
8	☐	5000.000	4979.991	20557715.22	1.0291	A	0.5
9	☐			5301.22	0.0003	P	4.5

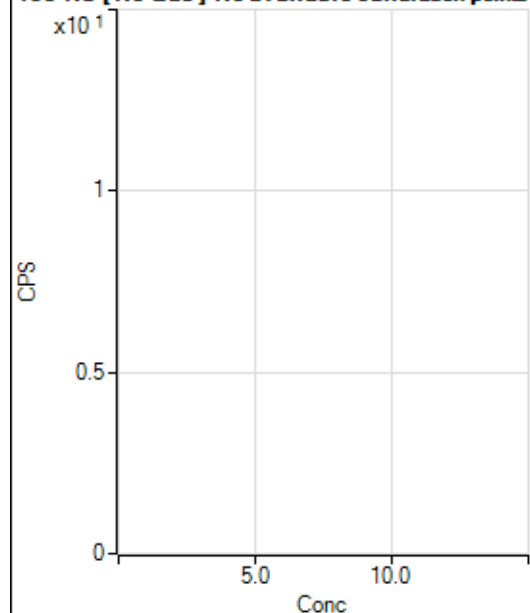
$$y = 2.0665\text{E-}004 * x + 3.1350\text{E-}006$$

$$R = 0.9999$$

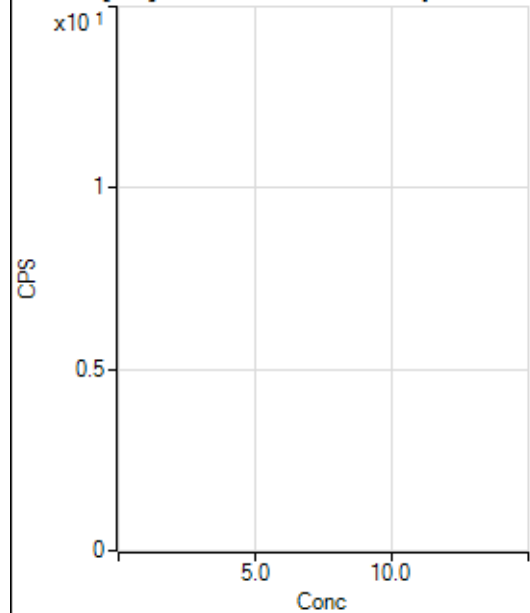
$$DL = 0.003498$$

Weight: <None>

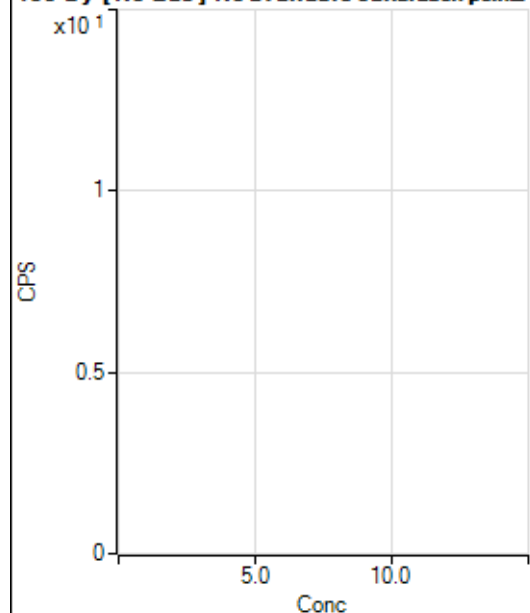
Min Conc: 0

150 Nd [No Gas] No available calibration points

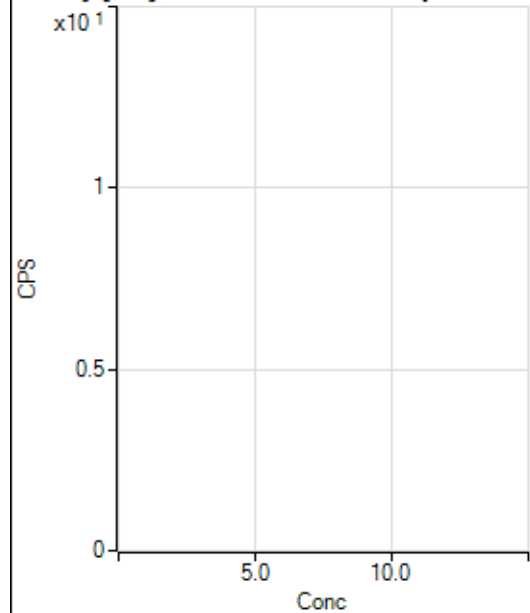
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			2.22		P	173.
4	☐			48.89		P	47.9
5	☐			115.56		P	31.8
6	☐			173.34		P	13.3
7	☐			302.24		P	5.6
8	☐			664.48		P	4.1
9	☐			146.67		P	18.2

150 Nd [He] No available calibration points

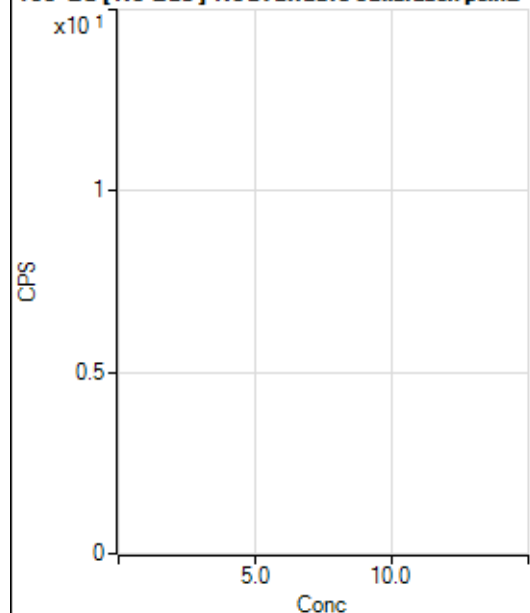
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			5.56		P	173.
5	☐			16.67		P	34.6
6	☐			26.67		P	12.5
7	☐			50.00		P	13.3
8	☐			95.56		P	5.3
9	☐			71.11		P	25.8

156 Dy [No Gas] No available calibration points

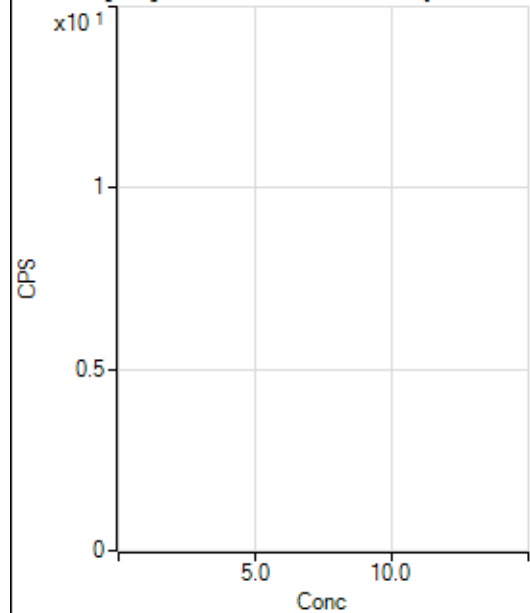
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐						
3	☐			16.67		P	50.0
4	☐			36.11		P	13.3
5	☐			38.89		P	61.9
6	☐			58.34		P	14.3
7	☐			47.23		P	20.4
8	☐			136.12		P	27.6
9	☐			105.56		P	4.6

156 Dy [He] No available calibration points

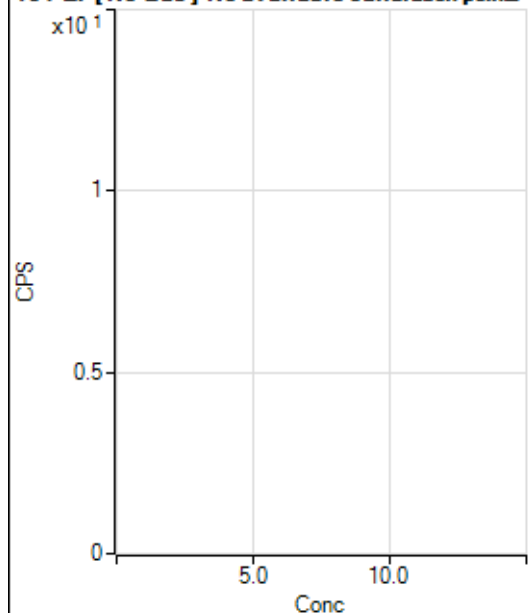
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			5.56		P	34.7
4	☐			15.56		P	32.7
5	☐			18.89		P	27.0
6	☐			51.11		P	30.8
7	☐			87.78		P	9.6
8	☐			164.45		P	29.3
9	☐			60.00		P	9.6

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

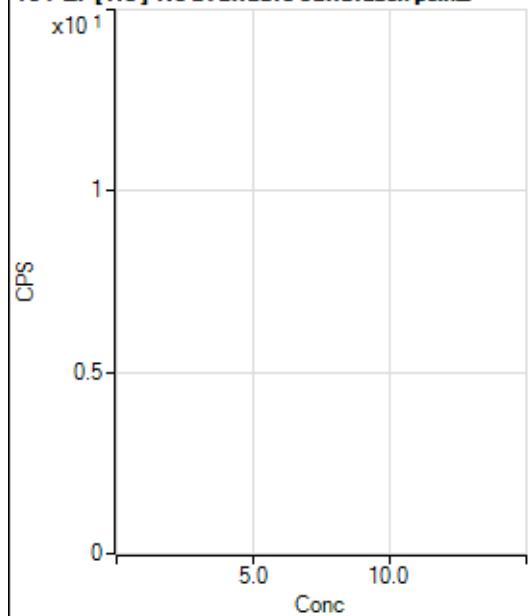
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			147.23		P	19.9
2	☐						
3	☐			169.45		P	20.5
4	☐			150.01		P	45.5
5	☐			161.12		P	11.9
6	☐			180.56		P	23.2
7	☐			158.34		P	41.8
8	☐			183.34		P	27.3
9	☐			177.79		P	13.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			270.01		P	24.7
2	☐						
3	☐			262.23		P	7.8
4	☐			256.67		P	10.3
5	☐			248.90		P	16.5
6	☐			266.68		P	23.2
7	☐			270.01		P	11.8
8	☐			284.45		P	5.9
9	☐			291.12		P	7.0

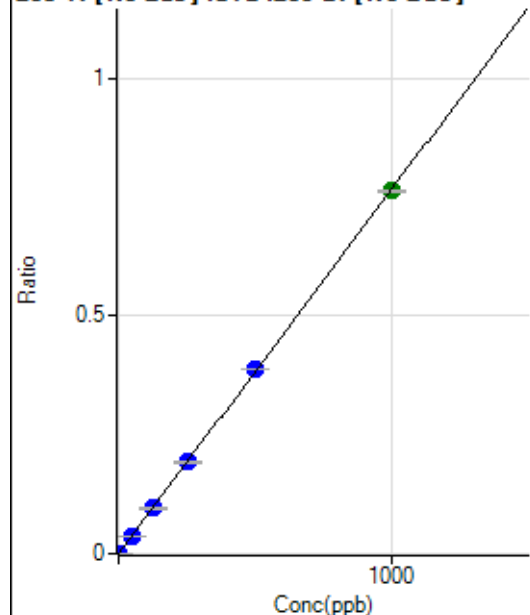
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	20.8
2	☐						
3	☐			77.78		P	50.6
4	☐			50.00		P	50.0
5	☐			63.89		P	82.8
6	☐			83.34		P	45.8
7	☐			72.23		P	26.7
8	☐			69.45		P	30.2
9	☐			72.23		P	17.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	32.8
2	☐						
3	☐			47.78		P	4.0
4	☐			33.33		P	10.0
5	☐			35.55		P	44.3
6	☐			36.67		P	9.1
7	☐			37.78		P	45.3
8	☐			51.11		P	29.4
9	☐			50.00		P	29.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.936	8964.52	0.0007	P	5.7
4	☐	50.000	48.960	461302.47	0.0375	P	1.2
5	☐	125.000	124.604	1183221.39	0.0955	P	1.1
6	☐	250.000	251.251	2389981.46	0.1926	P	0.8
7	☐	500.000	507.057	4824576.50	0.3886	P	0.7
8	☐	1000.000	996.260	9346228.16	0.7636	A	0.3
9	☐			3645.13	0.0003	P	9.5

$$y = 7.6642\text{E-}004 * x + 1.7508\text{E-}005$$

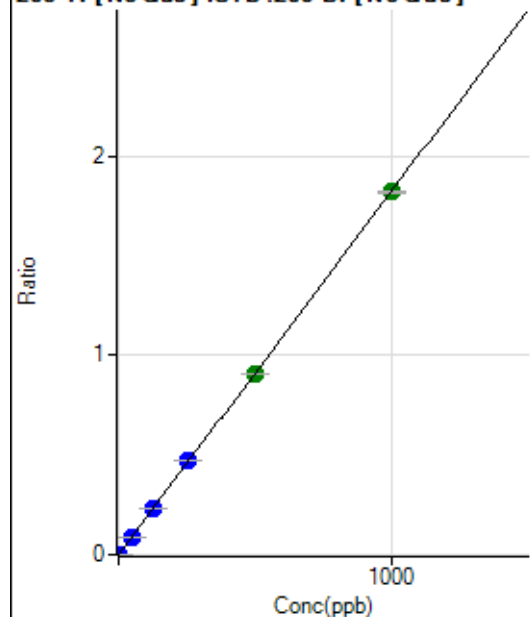
$$R = 1.0000$$

$$DL = 0.01527$$

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	488.92	0.0000	P	29.6
2	☐	0.100					
3	☐	1.000	0.961	21893.73	0.0018	P	1.2
4	☐	50.000	49.784	1116868.93	0.0909	P	0.7
5	☐	125.000	128.042	2895116.86	0.2337	P	0.7
6	☐	250.000	260.785	5906833.34	0.4760	P	0.5
7	☐	500.000	497.223	11265218.31	0.9075	A	0.2
8	☐	1000.000	998.323	22301046.16	1.8220	A	0.3
9	☐			8469.78	0.0007	P	6.7

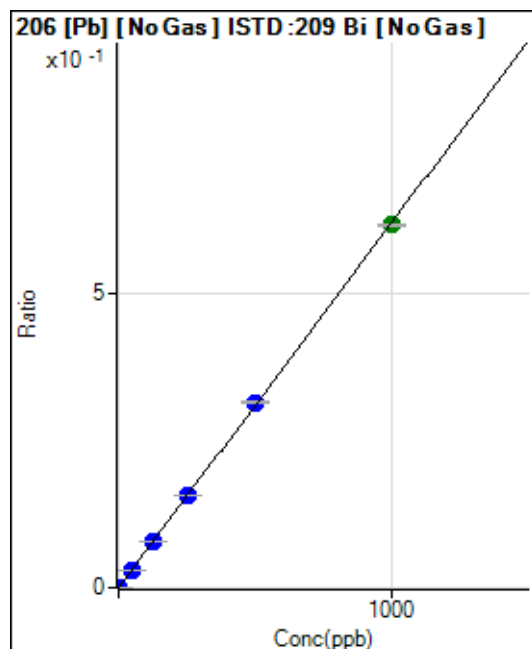
$$y = 0.0018 * x + 4.0042\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01952$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	274.09	0.0000	P	14.7
2	☐	0.100					
3	☐	1.000	0.961	7544.96	0.0006	P	3.3
4	☐	50.000	49.681	378734.79	0.0308	P	0.4
5	☐	125.000	125.560	964509.78	0.0779	P	0.2
6	☐	250.000	253.288	1948945.80	0.1570	P	0.7
7	☐	500.000	508.565	3914141.52	0.3153	P	0.8
8	☐	1000.000	994.842	7549201.91	0.6168	A	0.4
9	☐			43049.60	0.0038	P	1.0

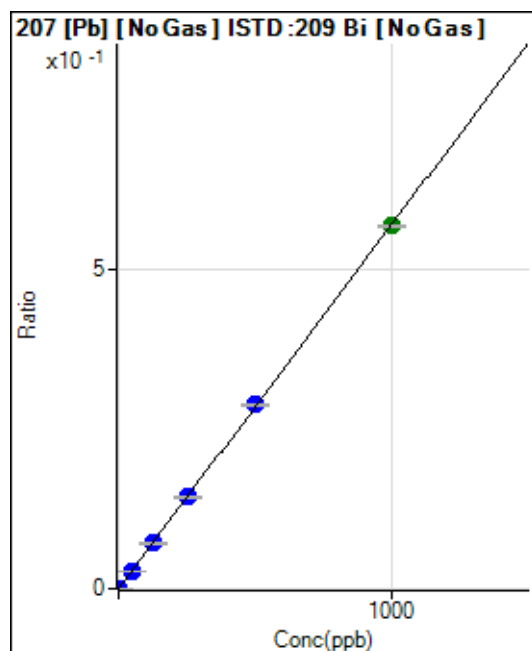
$$y = 6.1994\text{E-}004 * x + 2.2429\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01594$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.71	0.0000	P	29.6
2	☐	0.100					
3	☐	1.000	0.933	6674.09	0.0005	P	4.3
4	☐	50.000	48.962	342152.08	0.0278	P	0.8
5	☐	125.000	124.183	874561.84	0.0706	P	0.8
6	☐	250.000	251.612	1775050.36	0.1430	P	0.7
7	☐	500.000	505.441	3566638.50	0.2873	P	0.9
8	☐	1000.000	997.030	6936642.81	0.5667	A	0.5
9	☐			36385.47	0.0032	P	2.6

$$y = 5.6839\text{E-}004 * x + 1.6684\text{E-}005$$

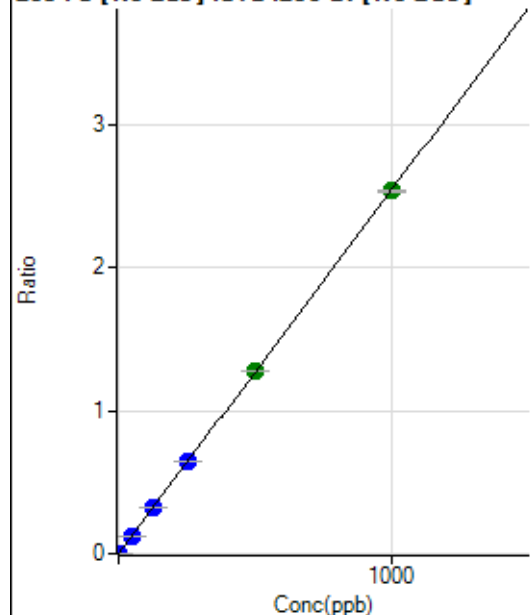
$$R = 1.0000$$

$$DL = 0.02609$$

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	1016.71	0.0001	P	13.5
2	☐	0.100					
3	☐	1.000	0.935	30008.40	0.0025	P	1.1
4	☐	50.000	49.369	1542071.95	0.1255	P	0.3
5	☐	125.000	125.424	3947898.56	0.3187	P	0.7
6	☐	250.000	254.377	8020579.42	0.6463	P	0.6
7	☐	500.000	502.102	15835299.02	1.2756	A	0.5
8	☐	1000.000	997.833	31027579.46	2.5349	A	0.3
9	☐			169885.55	0.0150	P	0.8

$$y = 0.0025 * x + 8.3204E-005$$

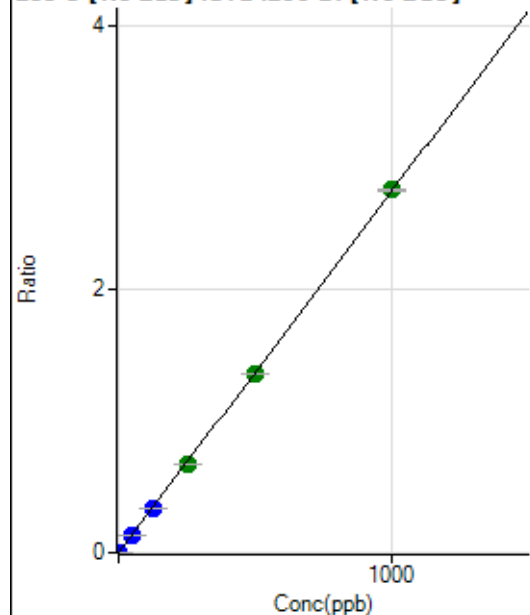
$$R = 1.0000$$

$$DL = 0.01327$$

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	58.33	0.0000	P	37.9
2	☐	0.100					
3	☐	1.000	0.888	29802.09	0.0024	P	0.6
4	☐	50.000	47.885	1615025.16	0.1314	P	0.4
5	☐	125.000	124.349	4227757.99	0.3413	P	0.8
6	☐	250.000	242.826	8271096.02	0.6665	A	0.3
7	☐	500.000	493.901	16828063.57	1.3556	A	0.1
8	☐	1000.000	1005.030	33762935.83	2.7584	A	0.4
9	☐			1719.64	0.0002	P	17.1

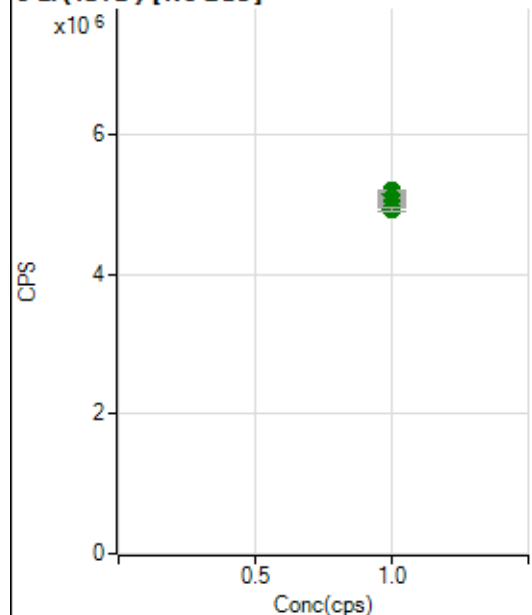
$$y = 0.0027 * x + 4.7743E-006$$

$$R = 0.9999$$

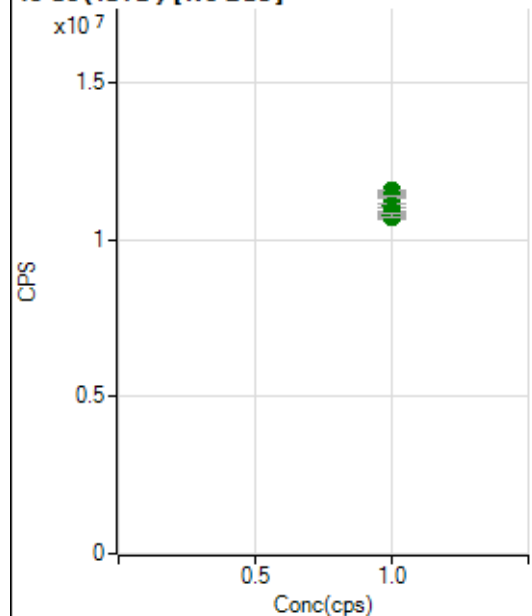
$$DL = 0.001978$$

Weight: <None>

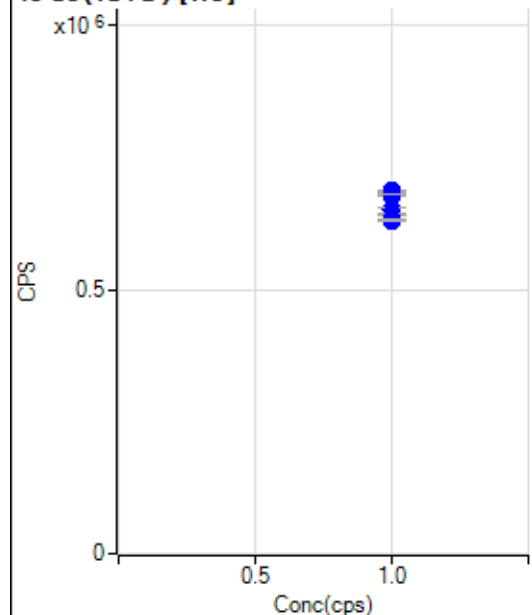
Min Conc: 0

6 Li (ISTD) [No Gas]

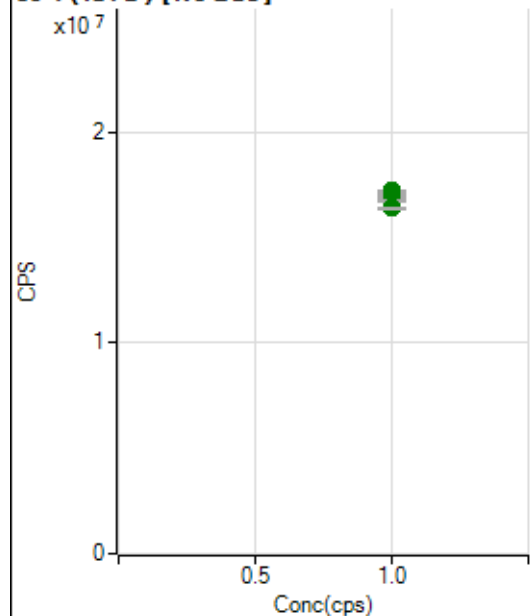
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5045155.62		A	0.2
2	☐	1.000					
3	☐	1.000		5130533.57		A	0.3
4	☐	1.000		5156339.40		A	1.1
5	☐	1.000		5194191.31		A	0.4
6	☐	1.000		5097704.37		A	0.5
7	☐	1.000		5071797.56		A	0.5
8	☐	1.000		5008863.85		A	0.5
9	☐	1.000		4917518.12		A	1.0

45 Sc (ISTD) [No Gas]

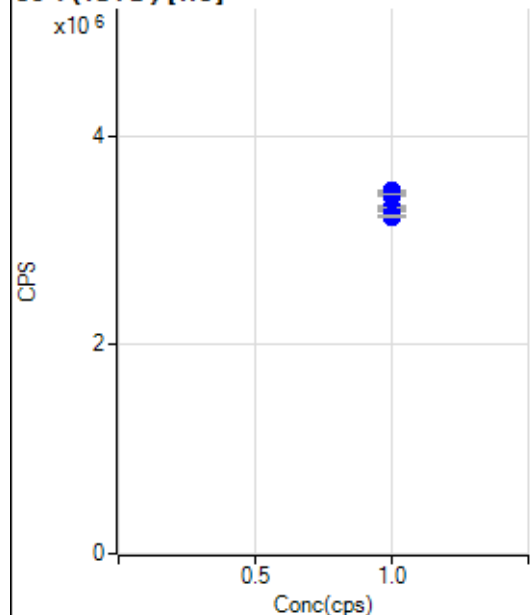
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11490746.96		A	0.2
2	☐	1.000					
3	☐	1.000		11563580.38		A	0.3
4	☐	1.000		11557564.93		A	0.5
5	☐	1.000		11380095.05		A	0.4
6	☐	1.000		11085868.74		A	1.0
7	☐	1.000		10879520.90		A	0.3
8	☐	1.000		10740353.45		A	0.9
9	☐	1.000		10767962.74		A	1.0

45 Sc (ISTD) [He]

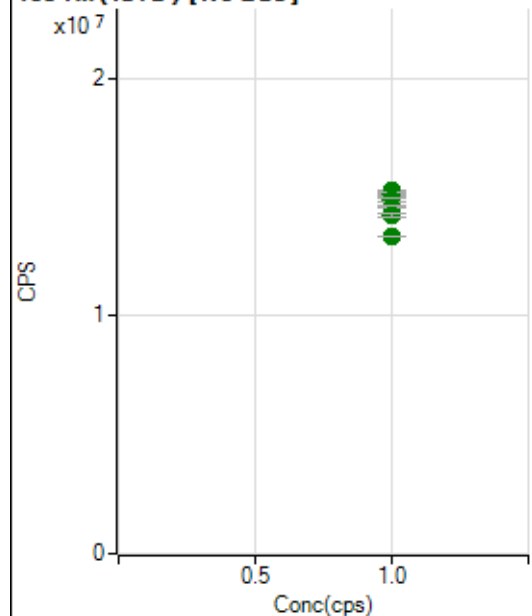
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		679145.68		P	0.7
2	☐	1.000					
3	☐	1.000		687240.04		P	0.3
4	☐	1.000		680674.41		P	0.2
5	☐	1.000		650292.68		P	2.1
6	☐	1.000		642923.54		P	0.3
7	☐	1.000		644410.28		P	0.4
8	☐	1.000		631879.11		P	0.3
9	☐	1.000		633644.45		P	0.5

89 Y (ISTD) [No Gas]

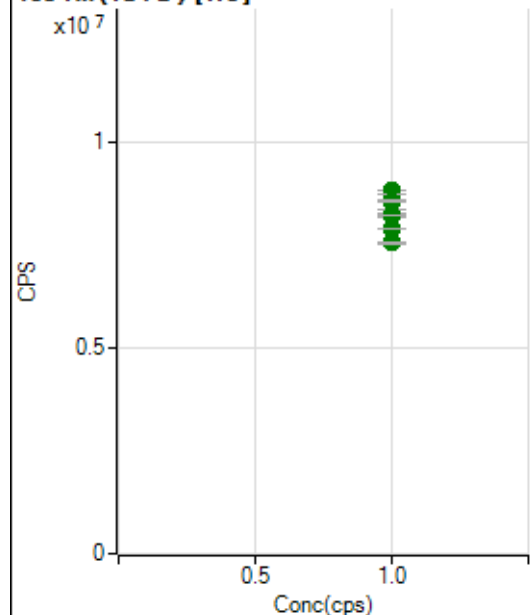
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17147436.69		A	0.2
2	☐	1.000					
3	☐	1.000		17194333.22		A	0.3
4	☐	1.000		17215355.71		A	0.7
5	☐	1.000		17069155.72		A	0.8
6	☐	1.000		17025669.75		A	0.7
7	☐	1.000		16896393.64		A	0.3
8	☐	1.000		16748302.94		A	0.6
9	☐	1.000		16384214.48		A	0.3

89 Y (ISTD) [He]

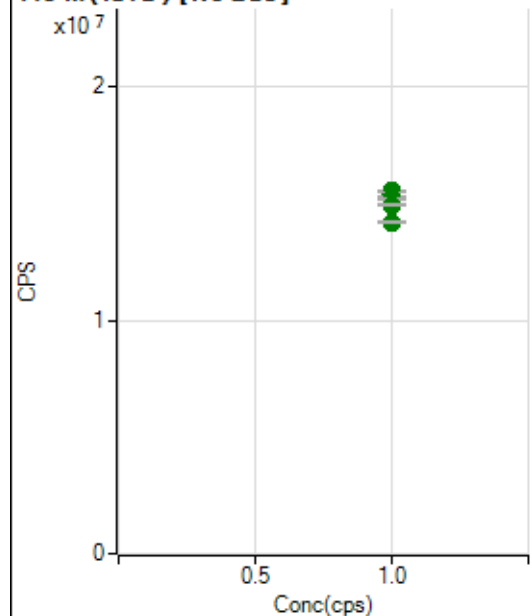
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3433278.66		P	0.1
2	☐	1.000					
3	☐	1.000		3475960.88		P	0.4
4	☐	1.000		3445661.79		P	0.4
5	☐	1.000		3315886.48		P	1.6
6	☐	1.000		3292863.63		P	0.6
7	☐	1.000		3311612.24		P	0.2
8	☐	1.000		3247609.33		P	0.2
9	☐	1.000		3230849.68		P	0.4

103 Rh (ISTD) [No Gas]

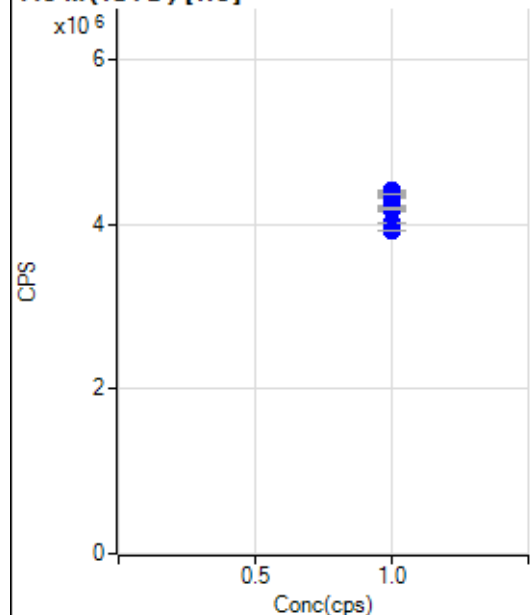
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15103064.23		A	0.6
2	☐	1.000					
3	☐	1.000		15231010.93		A	0.4
4	☐	1.000		15246682.98		A	0.8
5	☐	1.000		15113303.81		A	0.6
6	☐	1.000		14847652.24		A	1.0
7	☐	1.000		14567432.27		A	0.6
8	☐	1.000		14215415.59		A	0.7
9	☐	1.000		13323599.08		A	0.1

103 Rh (ISTD) [He]

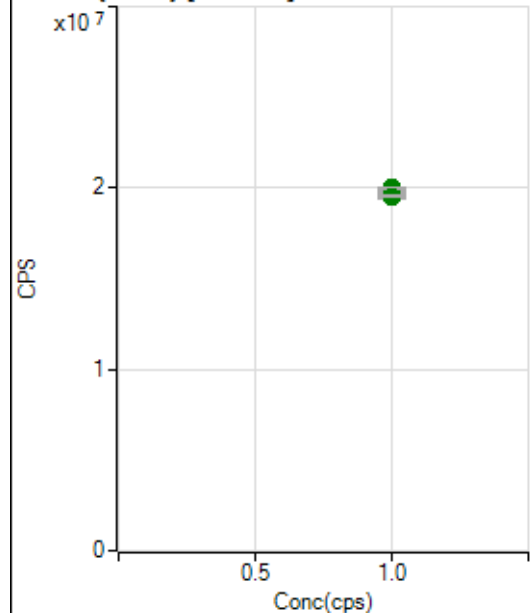
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8831002.72		A	0.1
2	☐	1.000					
3	☐	1.000		8756827.30		A	0.3
4	☐	1.000		8586098.69		A	0.6
5	☐	1.000		8282887.45		A	1.8
6	☐	1.000		8252156.41		A	0.4
7	☐	1.000		8228349.81		A	0.2
8	☐	1.000		7909749.05		A	0.3
9	☐	1.000		7569970.31		A	0.3

115 In (ISTD) [No Gas]

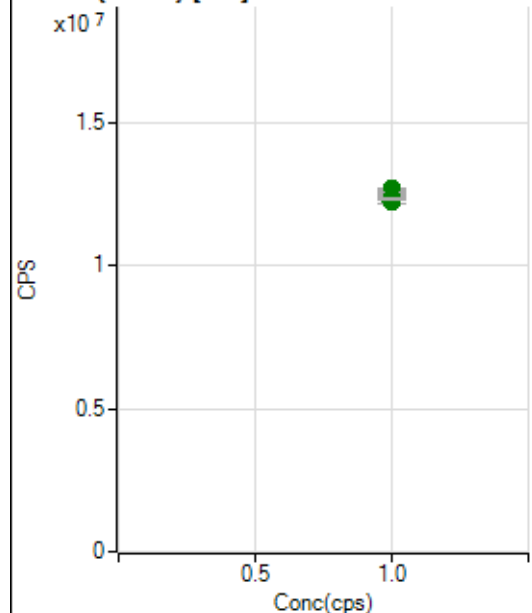
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15277700.70		A	0.4
2	☐	1.000					
3	☐	1.000		15472379.02		A	0.3
4	☐	1.000		15535588.84		A	0.2
5	☐	1.000		15402816.49		A	0.7
6	☐	1.000		15210172.46		A	0.6
7	☐	1.000		15160070.21		A	0.5
8	☐	1.000		14913972.49		A	0.6
9	☐	1.000		14204327.11		A	0.3

115 In (ISTD) [He]

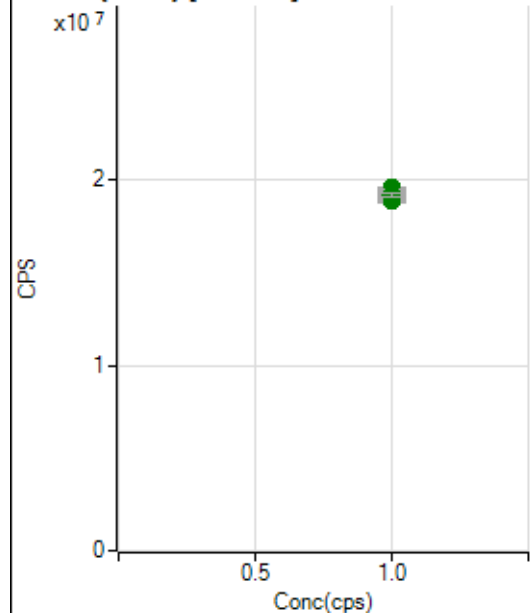
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4332424.55		P	0.7
2	☐	1.000					
3	☐	1.000		4406589.23		P	0.7
4	☐	1.000		4371539.02		P	0.2
5	☐	1.000		4195362.90		P	1.7
6	☐	1.000		4185699.07		P	0.7
7	☐	1.000		4184290.76		P	0.5
8	☐	1.000		4019609.47		P	0.4
9	☐	1.000		3923048.68		P	0.4

159 Tb (ISTD) [No Gas]

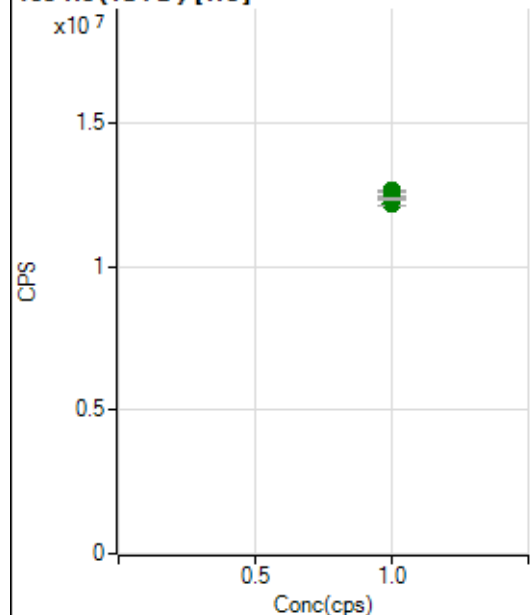
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19493182.35		A	0.6
2	☐	1.000					
3	☐	1.000		19508496.79		A	0.2
4	☐	1.000		19640776.10		A	0.7
5	☐	1.000		19772046.51		A	0.6
6	☐	1.000		19860036.51		A	0.4
7	☐	1.000		20003634.56		A	0.3
8	☐	1.000		19975959.01		A	0.4
9	☐	1.000		19555085.82		A	0.8

159 Tb (ISTD) [He]

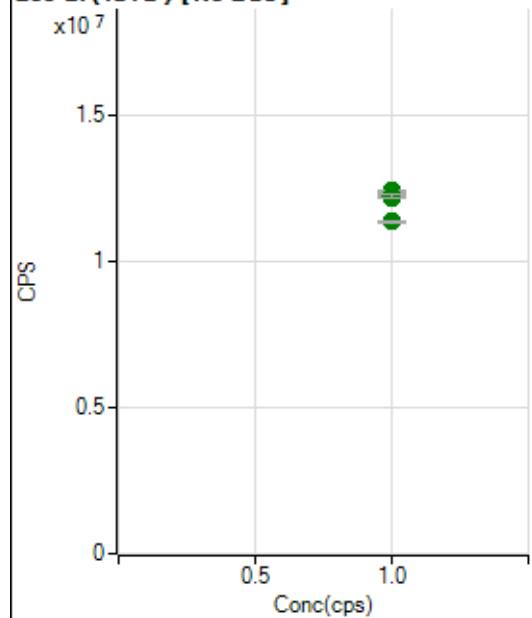
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12673779.12		A	0.5
2	☐	1.000					
3	☐	1.000		12625673.15		A	0.2
4	☐	1.000		12512473.01		A	0.6
5	☐	1.000		12239110.79		A	1.6
6	☐	1.000		12386269.96		A	0.4
7	☐	1.000		12526531.76		A	0.3
8	☐	1.000		12362866.62		A	0.2
9	☐	1.000		12303640.93		A	0.6

165 Ho (ISTD) [No Gas]

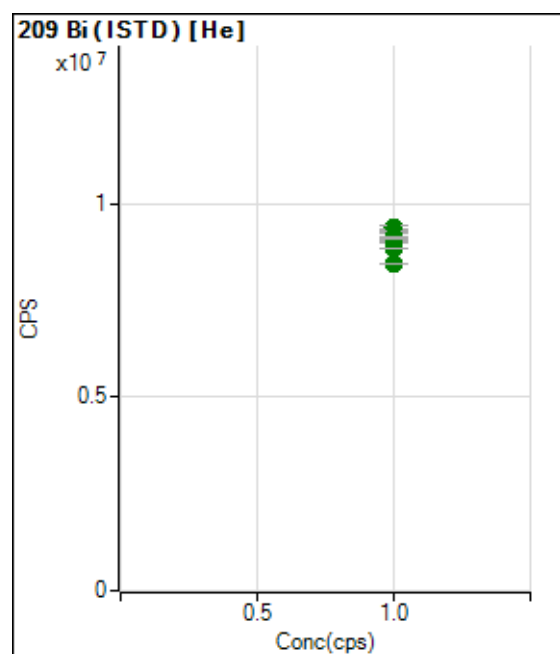
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18851634.45		A	0.4
2	☐	1.000					
3	☐	1.000		18979462.40		A	0.3
4	☐	1.000		19188858.24		A	0.7
5	☐	1.000		19331914.49		A	1.1
6	☐	1.000		19339439.15		A	0.9
7	☐	1.000		19593179.95		A	0.6
8	☐	1.000		19479668.84		A	0.7
9	☐	1.000		19189012.24		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12658235.79		A	0.6
2	☐	1.000					
3	☐	1.000		12598178.70		A	0.2
4	☐	1.000		12469276.62		A	0.6
5	☐	1.000		12237167.18		A	1.5
6	☐	1.000		12376859.95		A	0.3
7	☐	1.000		12490182.59		A	0.3
8	☐	1.000		12362922.46		A	0.5
9	☐	1.000		12383631.76		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12220288.15		A	0.5
2	☐	1.000					
3	☐	1.000		12199778.43		A	0.5
4	☐	1.000		12287751.76		A	1.0
5	☐	1.000		12387454.95		A	0.5
6	☐	1.000		12410346.20		A	0.3
7	☐	1.000		12414031.76		A	0.1
8	☐	1.000		12240193.29		A	0.7
9	☐	1.000		11353330.53		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9367320.76		A	1.0
2	☐	1.000					
3	☐	1.000		9304250.83		A	0.5
4	☐	1.000		9244678.89		A	0.5
5	☐	1.000		9053693.62		A	1.7
6	☐	1.000		9068094.17		A	0.5
7	☐	1.000		9119381.53		A	0.2
8	☐	1.000		8834137.71		A	0.3
9	☐	1.000		8431864.25		A	0.2

US EPA Tune Check Sample Report

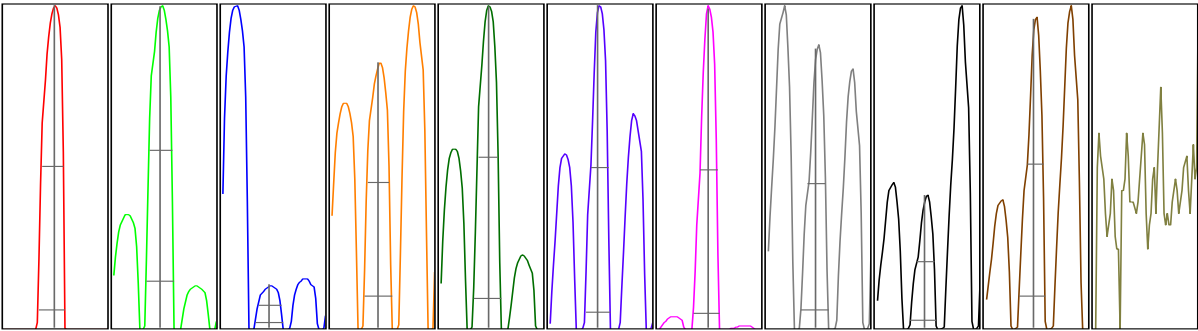
Batch Folder D:\ICP-MS Data\P70406818 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	11903	0.25	5.00	
24	137743	0.52	5.00	
25	18526	0.63	5.00	
26	21653	0.67	5.00	
59	86207	0.67	5.00	
113	11107	0.70	5.00	
115	184097	0.76	5.00	
206	25100	0.75	5.00	
207	23414	0.75	5.00	
208	54638	0.43	5.00	
220	1	23.92		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	11872	11918	11875	11906	11944
24	136945	138421	137307	137465	138580
25	18446	18616	18416	18472	18682
26	21575	21735	21599	21495	21859
59	85783	86383	86231	85574	87063
113	11145	11207	11080	10998	11105
115	185770	185473	182973	183129	183140
206	24996	25398	25072	24902	25132
207	23324	23727	23331	23317	23371
208	54379	54949	54650	54442	54769
220	0	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	19472	9.00	8.9 - 9.1		0.785	0.900	
24	217728	23.90	23.9 - 24.1		0.797	0.900	
25	29211	24.90	24.9 - 25.1		0.794	0.900	
26	34358	25.90	25.9 - 26.1		0.798	0.900	
59	148960	58.95	58.9 - 59.1		0.791	0.900	
113	22010	112.95	112.9 - 113.1		0.731	0.900	
115	366327	115.00	114.9 - 115.1		0.752	0.900	
206	49037	205.95	205.9 - 206.1		0.785	0.900	
207	45126	206.95	206.9 - 207.1		0.736	0.900	
208	108945	207.95	207.9 - 208.1		0.747	0.900	
220			-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	15.6	V
Extract 2	-215.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	26178	0.37	
89	70393	0.67	
205	20064	0.81	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	26255	26195	26282	26080	26076
89	71052	70468	70553	70037	69854
205	20188	20223	20132	19870	19910

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	3.0	V
Extract 2	-185.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:45:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.00	0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.05	-0.02	-0.03	0.00	N/A	ppb
Boron	11-1	-0.05	0.01	0.04	0.00	N/A	ppb
Cadmium	111-1	0.06	-0.09	0.02	0.00	N/A	ppb
Cadmium	106-1	0.84	-1.13	0.29	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.02	0.05	0.00	N/A	ppb
Calcium	43-1	-0.78	2.25	-1.48	0.00	N/A	ppb
Calcium	44-1	-1.09	0.27	0.82	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	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	56-2	-0.01	0.01	0.00	0.00	N/A	ppb
Iron	57-2	-1.10	0.31	0.79	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	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	-0.18	0.08	0.10	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:45:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	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	0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-9.45	0.63	-5.41	-4.74		ppb
Potassium	39-2	0.38	-0.38	0.00	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	0.75	-0.42	0.00	N/A	ppb
Selenium	82-1	-0.29	-0.35	0.64	0.00	N/A	ppb
Silicon	28-1	-0.89	-0.94	1.83	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.50	0.30	0.21	0.00	N/A	ppb
Strontium	86-1	0.04	0.00	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-116.15	-155.35	-149.14	-140.21		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	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	-0.01	0.00	0.00	N/A	ppb
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
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:45:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:54:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.67	18.00	18.75	18.81	4.43	ppb
Antimony	121-1	1.85	1.94	1.89	1.89	2.56	ppb
Arsenic	75-2	0.94	0.93	1.01	0.96	4.82	ppb
Barium	135-1	9.74	9.57	9.19	9.50	2.94	ppb
Barium	137-1	9.52	9.46	9.72	9.56	1.44	ppb
Beryllium	9-1	1.05	0.91	0.96	0.97	7.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	23.01	23.74	22.94	23.23	1.90	ppb
Boron	11-1	23.49	23.15	23.79	23.48	1.38	ppb
Cadmium	111-1	1.09	0.86	1.01	0.99	11.96	ppb
Cadmium	106-1	2.38	0.83	1.13	1.45	57.02	ppb
Cadmium	108-1	0.61	0.98	1.28	0.95	35.23	ppb
Calcium	43-1	433.23	471.87	440.27	448.46	4.59	ppb
Calcium	44-1	446.47	448.06	445.15	446.56	0.33	ppb
Chromium	52-2	2.02	2.08	1.89	1.99	4.82	ppb
Cobalt	59-2	0.97	0.96	0.94	0.96	1.32	ppb
Copper	63-2	1.98	2.06	1.97	2.00	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	48.41	48.06	48.34	48.27	0.38	ppb
Iron	57-2	50.41	51.32	47.62	49.78	3.86	ppb
Lead	206-1	1.00	0.96	0.93	0.96	3.41	ppb
Lead	207-1	0.89	0.97	0.94	0.93	4.47	ppb
Lead	208-1	0.95	0.92	0.93	0.94	1.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	451.64	460.13	452.07	454.61	1.05	ppb
Manganese	55-2	1.04	0.97	1.00	1.00	3.49	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:54:03	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.69	4.68	4.80	4.73	1.43	ppb
Molybdenum	95-1	4.61	4.57	4.81	4.66	2.82	ppb
Molybdenum	96-1	4.58	4.59	4.71	4.63	1.52	ppb
Molybdenum	97-1	4.75	4.65	4.63	4.68	1.42	ppb
Molybdenum	98-1	4.67	4.68	4.51	4.62	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.07	1.07	1.06	1.92	ppb
Phosphorus	31-2	10.50	2.91	0.82	4.74	107.28	ppb
Potassium	39-2	462.20	471.90	469.13	467.74	1.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	5.02	4.99	6.74	5.58	17.90	ppb
Selenium	78-2	5.25	4.67	3.68	4.53	17.49	ppb
Selenium	82-1	4.40	5.31	5.04	4.92	9.56	ppb
Silicon	28-1	17.16	17.50	17.76	17.47	1.70	ppb
Silver	109-1	1.03	1.00	0.98	1.00	2.98	ppb
Silver	107-1	1.02	0.97	0.99	0.99	2.39	ppb
Sodium	23-2	460.15	455.96	452.65	456.25	0.82	ppb
Strontium	86-1	0.89	0.94	1.02	0.95	7.33	ppb
Strontium	88-1	0.94	0.96	0.96	0.95	1.43	ppb
Sulfur	34-1	68.16	136.40	216.09	140.21	52.81	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.88	0.99	0.94	0.94	5.81	ppb
Thallium	205-1	0.97	0.96	0.95	0.96	1.25	ppb
Tin	118-1	4.79	4.70	4.86	4.78	1.64	ppb
Titanium	47-1	4.60	4.37	4.81	4.59	4.72	ppb
Uranium	238-1	0.89	0.89	0.88	0.89	0.59	ppb
Vanadium	51-2	4.55	4.49	4.64	4.56	1.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.06	1.99	2.21	2.09	5.41	ppb
Zirconium	90-1	0.99	0.99	0.96	0.98	1.93	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:54:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	1.07	0.95	0.99	6.77	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:57:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	986.24	978.49	970.58	978.44	0.80	ppb
Antimony	121-1	50.03	50.99	50.58	50.53	0.96	ppb
Arsenic	75-2	49.88	50.23	49.93	50.01	0.38	ppb
Barium	135-1	250.73	253.92	252.39	252.34	0.63	ppb
Barium	137-1	252.65	256.81	254.80	254.76	0.82	ppb
Beryllium	9-1	52.89	52.33	52.04	52.42	0.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	53.03	50.90	51.92	51.95	2.05	ppb
Boron	11-1	52.48	52.00	51.95	52.14	0.56	ppb
Cadmium	111-1	52.26	52.65	52.08	52.33	0.56	ppb
Cadmium	106-1	51.66	54.55	53.80	53.33	2.81	ppb
Cadmium	108-1	51.31	51.18	52.95	51.81	1.90	ppb
Calcium	43-1	4711.83	4854.93	4795.61	4787.46	1.50	ppb
Calcium	44-1	4807.51	4817.65	4797.31	4807.49	0.21	ppb
Chromium	52-2	50.02	49.95	49.02	49.66	1.13	ppb
Cobalt	59-2	50.85	50.54	50.50	50.63	0.38	ppb
Copper	63-2	103.16	103.11	102.99	103.09	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2536.66	2525.08	2515.61	2525.78	0.42	ppb
Iron	57-2	2545.20	2502.45	2485.25	2510.97	1.23	ppb
Lead	206-1	49.45	49.76	49.83	49.68	0.41	ppb
Lead	207-1	49.12	49.26	48.51	48.96	0.81	ppb
Lead	208-1	49.36	49.50	49.24	49.37	0.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	5025.92	4975.25	4921.63	4974.27	1.05	ppb
Manganese	55-2	100.54	99.22	99.00	99.59	0.84	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:57:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	249.10	249.28	248.15	248.84	0.24	ppb
Molybdenum	95-1	247.02	248.98	249.09	248.36	0.47	ppb
Molybdenum	96-1	245.88	250.10	246.39	247.46	0.93	ppb
Molybdenum	97-1	244.55	248.44	244.39	245.79	0.93	ppb
Molybdenum	98-1	246.14	249.19	247.57	247.64	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.94	51.45	51.06	51.15	0.53	ppb
Phosphorus	31-2	1022.98	1023.61	1051.94	1032.84	1.60	ppb
Potassium	39-2	2514.51	2477.52	2480.00	2490.68	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	49.28	54.12	47.26	50.22	7.02	ppb
Selenium	78-2	52.35	51.30	52.65	52.10	1.36	ppb
Selenium	82-1	51.71	51.22	52.69	51.87	1.44	ppb
Silicon	28-1	63.86	63.27	62.09	63.07	1.42	ppb
Silver	109-1	52.55	53.40	52.21	52.72	1.17	ppb
Silver	107-1	52.94	53.86	52.98	53.26	0.97	ppb
Sodium	23-2	4940.39	4880.67	4882.27	4901.11	0.69	ppb
Strontium	86-1	49.49	49.83	50.19	49.84	0.70	ppb
Strontium	88-1	50.46	51.01	50.55	50.67	0.58	ppb
Sulfur	34-1	1228.82	1231.81	1013.61	1158.08	10.80	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	48.39	49.59	48.90	48.96	1.22	ppb
Thallium	205-1	49.52	50.19	49.64	49.78	0.72	ppb
Tin	118-1	50.31	51.27	50.80	50.79	0.94	ppb
Titanium	47-1	249.37	248.64	248.23	248.74	0.23	ppb
Uranium	238-1	47.73	47.85	48.07	47.89	0.36	ppb
Vanadium	51-2	49.49	48.83	48.36	48.89	1.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	101.82	101.91	101.47	101.73	0.23	ppb
Zirconium	90-1	48.92	49.55	49.54	49.34	0.74	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:57:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.30	48.47	48.98	48.58	0.73	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:01:59	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2469.63	2495.96	2460.59	2475.39	0.74	ppb
Antimony	121-1	126.69	127.50	127.25	127.15	0.33	ppb
Arsenic	75-2	126.73	126.57	124.91	126.07	0.80	ppb
Barium	135-1	633.24	640.78	636.22	636.75	0.60	ppb
Barium	137-1	641.59	644.71	641.78	642.69	0.27	ppb
Beryllium	9-1	128.20	129.85	129.56	129.20	0.68	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	128.95	129.84	128.58	129.12	0.50	ppb
Boron	11-1	125.28	128.80	127.40	127.16	1.39	ppb
Cadmium	111-1	129.43	130.24	130.52	130.06	0.44	ppb
Cadmium	106-1	132.79	136.74	132.86	134.13	1.69	ppb
Cadmium	108-1	129.88	133.28	133.26	132.14	1.48	ppb
Calcium	43-1	12007.64	12060.86	11932.81	12000.44	0.54	ppb
Calcium	44-1	12017.39	12007.66	11910.84	11978.63	0.49	ppb
Chromium	52-2	125.19	125.74	123.45	124.79	0.96	ppb
Cobalt	59-2	128.15	127.32	126.59	127.35	0.61	ppb
Copper	63-2	261.24	261.28	258.64	260.39	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	6428.98	6394.23	6320.79	6381.33	0.87	ppb
Iron	57-2	6429.86	6370.86	6328.00	6376.24	0.80	ppb
Lead	206-1	125.30	125.56	125.82	125.56	0.21	ppb
Lead	207-1	123.38	125.26	123.91	124.18	0.78	ppb
Lead	208-1	124.57	126.30	125.40	125.42	0.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	12661.96	12662.67	12613.59	12646.07	0.22	ppb
Manganese	55-2	250.26	250.90	248.45	249.87	0.51	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:01:59	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	640.76	638.99	636.89	638.88	0.30	ppb
Molybdenum	95-1	637.33	632.12	630.70	633.39	0.55	ppb
Molybdenum	96-1	633.85	630.54	628.37	630.92	0.44	ppb
Molybdenum	97-1	630.19	625.57	617.55	624.44	1.02	ppb
Molybdenum	98-1	635.26	637.52	629.12	633.97	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.80	130.19	127.80	129.26	0.99	ppb
Phosphorus	31-2	2487.21	2567.77	2513.83	2522.94	1.63	ppb
Potassium	39-2	6270.68	6274.27	6218.56	6254.50	0.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	128.03	115.72	125.58	123.11	5.30	ppb
Selenium	78-2	131.93	128.25	129.66	129.95	1.43	ppb
Selenium	82-1	130.21	130.70	128.63	129.85	0.83	ppb
Silicon	28-1	157.30	156.06	156.39	156.58	0.41	ppb
Silver	109-1	130.92	132.94	132.65	132.17	0.83	ppb
Silver	107-1	133.99	134.67	133.62	134.09	0.40	ppb
Sodium	23-2	12353.71	12344.69	12296.35	12331.58	0.25	ppb
Strontium	86-1	126.73	124.38	127.55	126.22	1.30	ppb
Strontium	88-1	129.17	129.30	129.49	129.32	0.13	ppb
Sulfur	34-1	2593.98	2362.61	2509.68	2488.76	4.71	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	123.00	125.28	125.54	124.60	1.12	ppb
Thallium	205-1	127.04	128.53	128.55	128.04	0.68	ppb
Tin	118-1	127.86	128.18	127.81	127.95	0.15	ppb
Titanium	47-1	627.04	625.08	626.91	626.34	0.17	ppb
Uranium	238-1	123.22	124.98	124.85	124.35	0.78	ppb
Vanadium	51-2	124.06	124.54	124.54	124.38	0.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	260.17	257.03	255.07	257.43	1.00	ppb
Zirconium	90-1	126.82	126.54	127.16	126.84	0.25	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:01:59	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.43	124.15	124.59	124.39	0.18	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:05:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4827.92	4899.62	4938.93	4888.82	1.15	ppb
Antimony	121-1	255.35	253.36	255.03	254.58	0.42	ppb
Arsenic	75-2	248.64	251.20	247.39	249.08	0.78	ppb
Barium	135-1	1282.31	1276.78	1281.34	1280.14	0.23	ppb
Barium	137-1	1300.56	1296.55	1302.91	1300.01	0.25	ppb
Beryllium	9-1	255.87	256.82	257.82	256.84	0.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	252.00	255.49	251.95	253.15	0.80	ppb
Boron	11-1	252.59	252.97	249.62	251.72	0.73	ppb
Cadmium	111-1	258.93	259.09	257.30	258.44	0.38	ppb
Cadmium	106-1	257.31	260.55	260.64	259.50	0.73	ppb
Cadmium	108-1	264.81	258.89	262.22	261.98	1.13	ppb
Calcium	43-1	23796.61	24167.63	24453.84	24139.36	1.37	ppb
Calcium	44-1	23795.32	24018.73	24072.70	23962.25	0.61	ppb
Chromium	52-2	250.41	248.17	252.00	250.19	0.77	ppb
Cobalt	59-2	252.69	251.40	255.11	253.06	0.74	ppb
Copper	63-2	517.30	515.76	522.92	518.66	0.73	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				100		%
Indium	115-2				97		%
Iron	56-2	12616.28	12699.71	12768.80	12694.93	0.60	ppb
Iron	57-2	12585.15	12717.80	12834.02	12712.32	0.98	ppb
Lead	206-1	251.32	253.48	255.06	253.29	0.74	ppb
Lead	207-1	250.25	253.44	251.14	251.61	0.66	ppb
Lead	208-1	252.65	255.50	254.99	254.38	0.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	24726.68	24689.07	25030.36	24815.37	0.75	ppb
Manganese	55-2	495.76	499.79	502.52	499.36	0.68	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:05:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1273.13	1272.94	1285.63	1277.23	0.57	ppb
Molybdenum	95-1	1228.77	1238.56	1233.89	1233.74	0.40	ppb
Molybdenum	96-1	1227.37	1239.57	1235.49	1234.14	0.50	ppb
Molybdenum	97-1	1255.56	1272.45	1257.06	1261.69	0.74	ppb
Molybdenum	98-1	1238.10	1243.77	1234.19	1238.69	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.96	253.20	256.66	254.94	0.68	ppb
Phosphorus	31-2	4908.24	4964.92	5036.57	4969.91	1.29	ppb
Potassium	39-2	12530.86	12503.03	12532.75	12522.21	0.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	267.74	254.32	250.17	257.41	3.57	ppb
Selenium	78-2	253.51	255.60	250.95	253.35	0.92	ppb
Selenium	82-1	256.12	252.59	259.38	256.03	1.33	ppb
Silicon	28-1	311.04	312.42	309.54	311.00	0.46	ppb
Silver	109-1	260.85	263.57	261.59	262.00	0.54	ppb
Silver	107-1	262.45	264.75	263.36	263.52	0.44	ppb
Sodium	23-2	24409.07	24359.63	24776.04	24514.91	0.93	ppb
Strontium	86-1	248.73	251.55	251.49	250.59	0.64	ppb
Strontium	88-1	248.55	249.24	249.76	249.18	0.24	ppb
Sulfur	34-1	4722.40	4748.17	4608.99	4693.19	1.58	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	248.95	252.26	252.55	251.25	0.80	ppb
Thallium	205-1	259.47	260.97	261.91	260.78	0.47	ppb
Tin	118-1	253.03	254.94	255.49	254.49	0.51	ppb
Titanium	47-1	1247.85	1252.70	1251.62	1250.72	0.20	ppb
Uranium	238-1	243.18	243.20	242.10	242.83	0.26	ppb
Vanadium	51-2	247.47	245.91	250.78	248.05	1.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	508.63	506.50	516.02	510.38	0.98	ppb
Zirconium	90-1	254.16	254.98	256.81	255.32	0.53	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:05:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.18	247.48	248.95	247.54	0.56	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:09:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9793.86	9748.12	9748.13	9763.37	0.27	ppb
Antimony	121-1	505.51	509.33	512.52	509.12	0.69	ppb
Arsenic	75-2	500.27	500.81	501.82	500.97	0.16	ppb
Barium	135-1	2500.20	2579.72	2596.84	2558.92	2.02	ppb
Barium	137-1	2510.73	2507.05	2512.58	2510.12	0.11	ppb
Beryllium	9-1	504.36	508.47	501.73	504.85	0.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	497.83	502.48	499.05	499.79	0.48	ppb
Boron	11-1	498.08	504.74	498.51	500.44	0.74	ppb
Cadmium	111-1	506.19	511.54	509.55	509.10	0.53	ppb
Cadmium	106-1	512.89	504.50	514.20	510.53	1.03	ppb
Cadmium	108-1	512.47	506.18	519.77	512.81	1.33	ppb
Calcium	43-1	48382.53	48793.96	48250.34	48475.61	0.58	ppb
Calcium	44-1	48056.54	48291.82	47987.99	48112.12	0.33	ppb
Chromium	52-2	502.55	500.65	496.77	499.99	0.59	ppb
Cobalt	59-2	506.62	507.43	502.31	505.45	0.54	ppb
Copper	63-2	1035.48	1031.08	1033.55	1033.37	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	25515.67	25373.30	25121.54	25336.84	0.79	ppb
Iron	57-2	25555.10	25542.46	25381.36	25492.97	0.38	ppb
Lead	206-1	504.32	508.58	512.79	508.56	0.83	ppb
Lead	207-1	500.27	508.56	507.49	505.44	0.89	ppb
Lead	208-1	499.28	504.06	502.96	502.10	0.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	49703.53	49660.18	49394.87	49586.19	0.34	ppb
Manganese	55-2	1007.07	1003.30	996.17	1002.18	0.55	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:09:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2514.73	2499.22	2503.71	2505.89	0.32	ppb
Molybdenum	95-1	2511.65	2494.36	2500.51	2502.18	0.35	ppb
Molybdenum	96-1	2491.45	2505.59	2484.32	2493.79	0.43	ppb
Molybdenum	97-1	2493.75	2509.70	2478.78	2494.08	0.62	ppb
Molybdenum	98-1	2504.56	2510.58	2483.33	2499.49	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.75	506.04	503.97	505.26	0.22	ppb
Phosphorus	31-2	10206.91	9851.78	9835.25	9964.65	2.11	ppb
Potassium	39-2	24583.74	24278.37	24299.08	24387.06	0.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	497.11	500.67	525.93	507.90	3.09	ppb
Selenium	78-2	496.09	516.12	495.10	502.44	2.36	ppb
Selenium	82-1	507.23	507.84	509.24	508.11	0.20	ppb
Silicon	28-1	620.14	624.79	619.77	621.57	0.45	ppb
Silver	109-1	515.09	516.38	519.74	517.07	0.46	ppb
Silver	107-1	509.42	508.20	507.78	508.47	0.17	ppb
Sodium	23-2	49131.23	49047.43	48983.40	49054.02	0.15	ppb
Strontium	86-1	497.59	498.60	504.15	500.12	0.71	ppb
Strontium	88-1	500.61	502.59	499.85	501.02	0.28	ppb
Sulfur	34-1	9668.19	9525.59	9486.50	9560.09	1.00	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	503.67	507.21	510.29	507.06	0.65	ppb
Thallium	205-1	496.72	496.52	498.43	497.22	0.21	ppb
Tin	118-1	503.13	507.99	509.17	506.76	0.63	ppb
Titanium	47-1	2540.45	2528.34	2527.64	2532.14	0.28	ppb
Uranium	238-1	493.52	494.56	493.63	493.90	0.12	ppb
Vanadium	51-2	499.94	496.88	495.39	497.41	0.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	1021.50	1020.11	1013.42	1018.34	0.42	ppb
Zirconium	90-1	502.80	502.93	496.98	500.90	0.68	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:09:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.91	499.06	498.02	498.33	0.13	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:13:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19260.25	19634.54	19371.59	19422.12	0.99	ppb
Antimony	121-1	996.65	988.50	996.86	994.00	0.48	ppb
Arsenic	75-2	998.72	1002.06	998.06	999.61	0.21	ppb
Barium	135-1	4949.01	4932.67	5002.58	4961.42	0.74	ppb
Barium	137-1	4999.88	4955.64	4984.46	4979.99	0.45	ppb
Beryllium	9-1	998.74	991.64	995.28	995.22	0.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	992.20	1002.62	1001.43	998.75	0.57	ppb
Boron	11-1	998.86	995.75	1002.42	999.01	0.33	ppb
Cadmium	111-1	982.97	995.51	999.30	992.59	0.86	ppb
Cadmium	106-1	986.97	992.91	993.27	991.05	0.36	ppb
Cadmium	108-1	984.76	995.38	988.72	989.62	0.54	ppb
Calcium	43-1	97058.27	96189.32	96795.51	96681.03	0.46	ppb
Calcium	44-1	96116.64	95587.05	95480.70	95728.13	0.36	ppb
Chromium	52-2	999.75	1003.29	996.95	1000.00	0.32	ppb
Cobalt	59-2	993.79	999.15	995.61	996.18	0.27	ppb
Copper	63-2	1967.60	1986.61	1977.38	1977.20	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	50000.71	50141.32	50066.39	50069.47	0.14	ppb
Iron	57-2	50690.78	51220.08	50902.80	50937.89	0.52	ppb
Lead	206-1	999.25	993.58	991.69	994.84	0.40	ppb
Lead	207-1	1001.86	991.81	997.41	997.03	0.50	ppb
Lead	208-1	1000.00	994.68	998.82	997.83	0.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	97095.96	98160.87	97292.89	97516.57	0.58	ppb
Manganese	55-2	1989.31	2003.48	2004.53	1999.11	0.43	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:13:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4972.82	4996.14	4996.75	4988.57	0.27	ppb
Molybdenum	95-1	4991.96	5001.20	5012.86	5002.01	0.21	ppb
Molybdenum	96-1	5013.03	4988.04	5018.31	5006.46	0.32	ppb
Molybdenum	97-1	5001.82	4997.82	5001.31	5000.32	0.04	ppb
Molybdenum	98-1	5001.03	4993.59	5011.62	5002.08	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.30	1003.17	995.17	995.55	0.75	ppb
Phosphorus	31-2	20191.02	19939.35	19931.69	20020.69	0.74	ppb
Potassium	39-2	48470.13	48233.67	48309.68	48337.83	0.25	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	987.66	1010.35	985.24	994.42	1.39	ppb
Selenium	78-2	997.84	996.40	997.42	997.22	0.07	ppb
Selenium	82-1	996.84	990.27	994.11	993.74	0.33	ppb
Silicon	28-1	928.90	909.23	919.75	919.29	1.07	ppb
Silver	109-1	984.23	992.78	985.28	987.43	0.47	ppb
Silver	107-1	988.11	987.27	997.88	991.09	0.59	ppb
Sodium	23-2	96626.73	97248.14	96947.58	96940.82	0.32	ppb
Strontium	86-1	989.31	1002.97	1006.67	999.65	0.91	ppb
Strontium	88-1	998.76	1000.54	998.06	999.12	0.13	ppb
Sulfur	34-1	20619.75	19888.79	20361.93	20290.16	1.83	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	996.79	993.44	998.55	996.26	0.26	ppb
Thallium	205-1	1000.81	998.76	995.40	998.32	0.27	ppb
Tin	118-1	994.89	990.29	1000.10	995.09	0.49	ppb
Titanium	47-1	4979.68	4967.41	5003.84	4983.64	0.37	ppb
Uranium	238-1	1009.55	1000.68	1004.86	1005.03	0.44	ppb
Vanadium	51-2	1000.53	1007.83	997.39	1001.92	0.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	1979.41	1998.85	1983.39	1987.22	0.52	ppb
Zirconium	90-1	998.00	995.22	1000.85	998.02	0.28	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:13:16	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	997.13	999.21	1008.46	1001.60	0.60	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:17:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99915.25	100228.12	100293.51	100145.63	0.20	ppb
Antimony	121-1	1.34	1.41	1.45	1.40	4.03	ppb
Arsenic	75-2	1.51	1.56	1.64	1.57	4.11	ppb
Barium	135-1	1.31	1.13	1.19	1.21	7.41	ppb
Barium	137-1	1.27	1.36	1.26	1.30	4.51	ppb
Beryllium	9-1	0.15	0.13	0.11	0.13	15.23	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	19.99	18.84	16.84	18.55	8.61	ppb
Boron	11-1	20.02	17.86	16.66	18.18	9.35	ppb
Cadmium	111-1	0.11	0.05	0.10	0.09	33.68	ppb
Cadmium	106-1	-0.47	-1.54	-0.20	-0.74		ppb
Cadmium	108-1	0.17	0.33	0.17	0.22	42.87	ppb
Calcium	43-1	500716.98	503098.06	498806.75	500873.93	0.43	ppb
Calcium	44-1	502334.96	501404.73	499590.50	501110.06	0.28	ppb
Chromium	52-2	28.07	27.99	27.76	27.94	0.57	ppb
Cobalt	59-2	11.82	11.97	12.03	11.94	0.90	ppb
Copper	63-2	2.19	2.36	2.30	2.28	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	250372.69	250879.03	248565.68	249939.13	0.49	ppb
Iron	57-2	250285.29	249741.27	249221.17	249749.24	0.21	ppb
Lead	206-1	6.11	6.12	6.01	6.08	0.97	ppb
Lead	207-1	5.56	5.78	5.50	5.61	2.62	ppb
Lead	208-1	5.83	5.92	5.83	5.86	0.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	499827.87	499899.53	501904.45	500543.95	0.24	ppb
Manganese	55-2	7.87	8.00	7.99	7.95	0.92	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:17:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.18	5.06	5.02	5.09	1.65	ppb
Molybdenum	95-1	6.79	6.65	6.53	6.66	1.98	ppb
Molybdenum	96-1	7.31	7.37	7.30	7.32	0.49	ppb
Molybdenum	97-1	6.61	6.53	6.47	6.54	1.09	ppb
Molybdenum	98-1	6.72	6.87	6.56	6.72	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.32	26.07	26.39	26.26	0.64	ppb
Phosphorus	31-2	26.89	4.37	10.85	14.04	82.60	ppb
Potassium	39-2	251215.89	249177.67	250784.43	250392.66	0.43	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	0.64	0.32	0.63	0.53	34.73	ppb
Selenium	78-2	1.04	1.38	-0.19	0.74	111.82	ppb
Selenium	82-1	0.93	1.27	1.17	1.13	15.61	ppb
Silicon	28-1	9.44	8.44	8.42	8.76	6.64	ppb
Silver	109-1	0.08	0.05	0.05	0.06	24.30	ppb
Silver	107-1	0.06	0.05	0.08	0.06	22.31	ppb
Sodium	23-2	501308.74	500731.24	500167.82	500735.93	0.11	ppb
Strontium	86-1	33.61	34.26	33.59	33.82	1.13	ppb
Strontium	88-1	34.01	34.22	34.00	34.08	0.36	ppb
Sulfur	34-1	-2076.23	-1917.81	-1945.87	-1979.97		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.44	0.37	0.38	0.40	10.09	ppb
Thallium	205-1	0.39	0.41	0.36	0.39	7.04	ppb
Tin	118-1	2.29	2.36	2.24	2.29	2.61	ppb
Titanium	47-1	2.69	2.60	2.46	2.58	4.40	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	17.70	ppb
Vanadium	51-2	0.28	0.31	0.30	0.30	4.67	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	10.18	10.54	10.40	10.37	1.74	ppb
Zirconium	90-1	0.19	0.18	0.21	0.19	8.61	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:17:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.20	0.19	0.18	17.37	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:32:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	525.86	521.73	508.77	518.79	1.72	ppb
Antimony	121-1	195.23	197.61	198.52	197.12	0.86	ppb
Arsenic	75-2	196.27	198.19	200.95	198.47	1.18	ppb
Barium	135-1	99.89	101.93	101.50	101.11	1.06	ppb
Barium	137-1	100.04	102.37	101.40	101.27	1.16	ppb
Beryllium	9-1	99.42	99.60	99.92	99.64	0.25	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	477.65	492.53	493.64	487.94	1.83	ppb
Boron	11-1	481.73	484.62	497.81	488.05	1.76	ppb
Cadmium	111-1	104.80	106.25	106.35	105.80	0.82	ppb
Cadmium	106-1	172.06	174.31	172.16	172.85	0.74	ppb
Cadmium	108-1	139.41	143.08	141.23	141.24	1.30	ppb
Calcium	43-1	2188.39	2185.93	2213.08	2195.80	0.68	ppb
Calcium	44-1	2049.91	2058.35	2085.19	2064.48	0.89	ppb
Chromium	52-2	95.23	96.03	97.00	96.08	0.92	ppb
Cobalt	59-2	101.15	101.11	100.67	100.98	0.26	ppb
Copper	63-2	103.33	102.33	104.51	103.39	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				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	1014.38	1013.89	1025.13	1017.80	0.62	ppb
Iron	57-2	1004.17	1006.31	1013.67	1008.05	0.49	ppb
Lead	206-1	197.26	202.85	203.29	201.13	1.67	ppb
Lead	207-1	189.54	194.63	193.73	192.63	1.41	ppb
Lead	208-1	195.22	199.61	199.16	198.00	1.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	1160.01	1154.34	1147.29	1153.88	0.55	ppb
Manganese	55-2	98.72	98.63	99.54	98.97	0.51	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:32:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1084.98	1091.25	1086.45	1087.56	0.30	ppb
Molybdenum	95-1	488.44	494.52	489.56	490.84	0.66	ppb
Molybdenum	96-1	556.30	565.25	559.23	560.26	0.81	ppb
Molybdenum	97-1	484.39	485.77	482.66	484.27	0.32	ppb
Molybdenum	98-1	486.00	490.78	486.36	487.71	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.62	102.94	102.38	102.65	0.28	ppb
Phosphorus	31-2	-10.56	2.15	1.82	-2.20		ppb
Potassium	39-2	1963.07	1960.98	1975.56	1966.54	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	210.27	208.56	200.97	206.60	2.39	ppb
Selenium	78-2	202.36	201.01	209.22	204.20	2.15	ppb
Selenium	82-1	201.19	206.38	206.65	204.74	1.50	ppb
Silicon	28-1	597.72	595.42	598.86	597.33	0.29	ppb
Silver	109-1	102.03	103.46	104.08	103.19	1.02	ppb
Silver	107-1	103.99	105.75	105.59	105.11	0.92	ppb
Sodium	23-2	1965.60	1942.07	1948.15	1951.94	0.63	ppb
Strontium	86-1	478.68	482.83	484.48	482.00	0.62	ppb
Strontium	88-1	482.47	485.50	485.34	484.44	0.35	ppb
Sulfur	34-1	-1369.65	-1433.51	-1458.65	-1420.60		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	198.04	202.21	201.49	200.58	1.11	ppb
Thallium	205-1	203.73	207.61	208.95	206.76	1.31	ppb
Tin	118-1	486.84	495.22	497.50	493.19	1.14	ppb
Titanium	47-1	484.15	488.67	485.99	486.27	0.47	ppb
Uranium	238-1	483.13	483.22	483.37	483.24	0.02	ppb
Vanadium	51-2	97.48	96.96	97.68	97.37	0.38	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	204.34	203.48	204.41	204.08	0.25	ppb
Zirconium	90-1	482.36	484.78	481.41	482.85	0.36	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:32:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	476.63	480.40	478.19	478.40	0.40	ppb

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:44:35 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.06	0.22	0.13	63.29	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	12.65	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	0.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	2.59	1.65	1.99	2.07	22.88	ppb
Boron	11-1	2.16	2.36	2.22	2.25	4.66	ppb
Cadmium	111-1	-0.10	-0.15	-0.13	-0.13		ppb
Cadmium	106-1	-1.44	-1.95	-1.74	-1.71		ppb
Cadmium	108-1	0.05	0.03	0.03	0.04	36.24	ppb
Calcium	43-1	1.87	0.61	2.07	1.52	52.15	ppb
Calcium	44-1	0.82	0.99	0.71	0.84	16.81	ppb
Chromium	52-2	0.01	0.00	0.01	0.01	58.87	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.06	0.03	0.04	0.04	37.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.27	0.35	0.33	0.32	12.88	ppb
Iron	57-2	-1.44	0.77	1.32	0.22	677.48	ppb
Lead	206-1	0.05	0.04	0.04	0.04	7.24	ppb
Lead	207-1	0.03	0.03	0.04	0.04	15.25	ppb
Lead	208-1	0.04	0.04	0.04	0.04	7.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.20	1.10	1.19	1.16	4.45	ppb
Manganese	55-2	0.00	0.00	0.01	0.01	85.27	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:44:35	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.02	0.02	56.03	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	28.08	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	37.88	ppb
Molybdenum	97-1	0.03	0.05	0.02	0.03	51.30	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	24.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-17.22	-1.29	-8.48	-8.99		ppb
Potassium	39-2	6.03	6.88	-0.27	4.21	92.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.60	0.30	0.29	0.40	43.87	ppb
Selenium	78-2	0.56	0.01	-0.26	0.10	416.70	ppb
Selenium	82-1	0.86	0.62	0.61	0.70	19.98	ppb
Silicon	28-1	-6.26	-6.17	-5.85	-6.09		ppb
Silver	109-1	0.01	0.00	0.01	0.01	53.88	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.30	ppb
Sodium	23-2	21.80	21.50	21.56	21.62	0.74	ppb
Strontium	86-1	-0.07	-0.02	0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	71.81	ppb
Sulfur	34-1	-1020.69	-1031.65	-842.24	-964.86		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.00	0.03	0.02	83.91	ppb
Titanium	47-1	0.00	-0.02	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	77.88	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	0.03	0.09	0.06	55.31	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	184.86	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:44:35	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	85.12	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:48:11	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89568.37	89731.24	89846.89	89715.50	0.16	ppb
Antimony	121-1	1.13	1.09	1.14	1.12	2.50	ppb
Arsenic	75-2	0.32	0.33	0.39	0.35	11.59	ppb
Barium	135-1	1.41	1.49	1.50	1.46	3.50	ppb
Barium	137-1	1.43	1.50	1.50	1.47	2.72	ppb
Beryllium	9-1	0.34	0.30	0.27	0.30	11.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	2.56	2.21	2.22	2.33	8.58	ppb
Boron	11-1	2.68	2.37	2.37	2.47	7.25	ppb
Cadmium	111-1	0.23	0.17	0.28	0.23	25.49	ppb
Cadmium	106-1	-2.28	-2.40	-2.10	-2.26		ppb
Cadmium	108-1	11.01	12.05	10.31	11.12	7.88	ppb
Calcium	43-1	95047.43	94493.82	94189.87	94577.04	0.46	ppb
Calcium	44-1	94828.69	94686.31	93838.61	94451.20	0.57	ppb
Chromium	52-2	21.52	21.59	21.54	21.55	0.18	ppb
Cobalt	59-2	1.22	1.24	1.20	1.22	1.70	ppb
Copper	63-2	7.77	7.66	7.88	7.77	1.42	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				99		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	99323.58	99551.09	98722.27	99198.98	0.43	ppb
Iron	57-2	97981.74	99043.20	98682.84	98569.26	0.55	ppb
Lead	206-1	4.49	4.45	4.51	4.48	0.71	ppb
Lead	207-1	3.80	3.90	4.10	3.93	3.84	ppb
Lead	208-1	4.14	4.18	4.24	4.19	1.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	93039.09	93436.69	93406.32	93294.04	0.24	ppb
Manganese	55-2	8.12	8.24	8.09	8.15	0.97	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:48:11	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1339.76	1333.88	1371.09	1348.24	1.48	ppb
Molybdenum	95-1	1908.90	1904.26	1947.73	1920.30	1.24	ppb
Molybdenum	96-1	1831.87	1820.54	1853.17	1835.19	0.90	ppb
Molybdenum	97-1	1911.40	1903.85	1925.30	1913.52	0.57	ppb
Molybdenum	98-1	1923.98	1915.38	1926.46	1921.94	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.79	6.91	6.90	6.87	0.95	ppb
Phosphorus	31-2	95921.12	96575.19	96328.17	96274.83	0.34	ppb
Potassium	39-2	96492.40	96984.41	96945.57	96807.46	0.28	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	0.31	0.31	0.62	0.41	43.08	ppb
Selenium	78-2	-0.05	-0.22	0.41	0.05	682.42	ppb
Selenium	82-1	-0.48	0.57	1.30	0.46	193.14	ppb
Silicon	28-1	20.33	21.23	19.93	20.50	3.25	ppb
Silver	109-1	0.12	0.11	0.11	0.11	6.16	ppb
Silver	107-1	0.11	0.13	0.12	0.12	5.67	ppb
Sodium	23-2	94392.79	94992.59	94942.16	94775.85	0.35	ppb
Strontium	86-1	32.90	33.14	33.37	33.14	0.70	ppb
Strontium	88-1	33.49	33.51	33.56	33.52	0.10	ppb
Sulfur	34-1	79418.57	78659.62	77865.12	78647.77	0.99	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.09	0.11	0.10	6.70	ppb
Thallium	205-1	0.10	0.12	0.10	0.11	7.95	ppb
Tin	118-1	0.25	0.26	0.29	0.27	6.46	ppb
Titanium	47-1	1982.53	1965.85	1991.87	1980.09	0.67	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.18	ppb
Vanadium	51-2	0.17	0.19	0.16	0.17	7.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	11.09	11.38	11.53	11.33	1.96	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	20.91	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:48:11	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.05	0.06	11.78	ppb

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:51:46 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88876.06	89329.82	89436.74	89214.21	0.33	ppb
Antimony	121-1	20.29	19.98	20.31	20.20	0.92	ppb
Arsenic	75-2	19.54	19.33	19.64	19.50	0.81	ppb
Barium	135-1	21.15	20.91	21.25	21.10	0.83	ppb
Barium	137-1	21.41	20.88	21.20	21.16	1.25	ppb
Beryllium	9-1	18.88	18.72	18.59	18.73	0.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	48.37	49.64	46.83	48.28	2.92	ppb
Boron	11-1	48.88	49.72	47.83	48.81	1.94	ppb
Cadmium	111-1	19.25	19.31	19.61	19.39	1.00	ppb
Cadmium	106-1	20.42	21.78	21.92	21.38	3.87	ppb
Cadmium	108-1	31.58	30.82	29.31	30.57	3.78	ppb
Calcium	43-1	94191.35	94602.24	93993.93	94262.51	0.33	ppb
Calcium	44-1	94084.13	94430.49	94147.61	94220.74	0.20	ppb
Chromium	52-2	41.18	40.75	41.30	41.07	0.70	ppb
Cobalt	59-2	20.57	20.70	20.90	20.73	0.81	ppb
Copper	63-2	27.49	27.82	27.88	27.73	0.75	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				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	98358.49	99294.13	98874.42	98842.35	0.47	ppb
Iron	57-2	97476.60	97918.11	98912.78	98102.50	0.75	ppb
Lead	206-1	24.61	24.50	25.23	24.78	1.57	ppb
Lead	207-1	22.89	22.53	22.98	22.80	1.03	ppb
Lead	208-1	23.44	23.51	23.73	23.56	0.65	ppb
Lithium	6-1				104		%
Magnesium	24-2	92335.32	92847.74	93356.85	92846.64	0.55	ppb
Manganese	55-2	27.15	27.56	27.75	27.49	1.12	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:51:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1435.88	1447.02	1447.40	1443.43	0.45	ppb
Molybdenum	95-1	1955.93	1963.70	1966.54	1962.05	0.28	ppb
Molybdenum	96-1	1882.21	1892.13	1885.63	1886.66	0.27	ppb
Molybdenum	97-1	1950.89	1949.36	1948.57	1949.61	0.06	ppb
Molybdenum	98-1	1948.99	1949.28	1961.60	1953.29	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.37	27.17	26.85	26.80	1.50	ppb
Phosphorus	31-2	95304.95	95824.20	95873.02	95667.39	0.33	ppb
Potassium	39-2	96072.10	96218.02	96414.92	96235.01	0.18	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	22.09	23.22	21.77	22.36	3.41	ppb
Selenium	78-2	18.49	21.57	19.82	19.96	7.76	ppb
Selenium	82-1	18.78	19.22	19.42	19.14	1.69	ppb
Silicon	28-1	83.79	82.40	81.38	82.52	1.47	ppb
Silver	109-1	18.43	18.24	18.28	18.31	0.54	ppb
Silver	107-1	18.56	18.56	18.53	18.55	0.08	ppb
Sodium	23-2	93530.13	94675.39	94800.04	94335.19	0.74	ppb
Strontium	86-1	81.85	81.51	83.78	82.38	1.48	ppb
Strontium	88-1	83.56	84.52	84.04	84.04	0.57	ppb
Sulfur	34-1	78269.57	77192.58	75920.63	77127.59	1.52	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	19.84	19.86	20.20	19.97	1.02	ppb
Thallium	205-1	20.06	20.41	20.35	20.27	0.91	ppb
Tin	118-1	50.14	49.69	50.25	50.03	0.59	ppb
Titanium	47-1	2023.99	2013.26	2017.59	2018.28	0.27	ppb
Uranium	238-1	50.51	50.00	51.06	50.52	1.05	ppb
Vanadium	51-2	19.36	19.42	19.54	19.44	0.47	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	30.57	30.99	30.68	30.75	0.70	ppb
Zirconium	90-1	50.41	50.78	50.79	50.66	0.43	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:51:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.62	50.20	50.00	49.94	0.60	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P7
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:59:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49759.44	49529.44	50123.16	49804.01	0.60	ppb
Antimony	121-1	505.70	499.91	512.85	506.15	1.28	ppb
Arsenic	75-2	501.98	501.11	499.11	500.74	0.29	ppb
Barium	135-1	2540.19	2484.38	2529.47	2518.01	1.18	ppb
Barium	137-1	2554.19	2492.78	2538.82	2528.60	1.26	ppb
Beryllium	9-1	496.32	494.03	494.51	494.95	0.24	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	494.66	498.66	499.08	497.47	0.49	ppb
Boron	11-1	493.41	497.01	499.27	496.56	0.59	ppb
Cadmium	111-1	487.64	486.23	494.32	489.40	0.88	ppb
Cadmium	106-1	495.48	492.19	503.11	496.93	1.13	ppb
Cadmium	108-1	498.55	494.73	503.17	498.82	0.85	ppb
Calcium	43-1	238876.82	242435.47	241493.08	240935.13	0.77	ppb
Calcium	44-1	239577.01	242282.02	240330.21	240729.74	0.58	ppb
Chromium	52-2	506.32	507.60	508.18	507.37	0.19	ppb
Cobalt	59-2	498.13	498.20	500.09	498.81	0.22	ppb
Copper	63-2	982.01	973.39	979.67	978.36	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	123734.12	123240.90	124418.83	123797.95	0.48	ppb
Iron	57-2	123169.85	123208.37	123864.65	123414.29	0.32	ppb
Lead	206-1	519.89	517.08	519.72	518.90	0.30	ppb
Lead	207-1	513.40	516.38	519.53	516.44	0.59	ppb
Lead	208-1	513.48	515.75	514.89	514.71	0.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	241409.30	238562.71	241672.52	240548.18	0.72	ppb
Manganese	55-2	991.51	992.68	999.87	994.68	0.46	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P7
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:59:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2564.47	2521.83	2543.92	2543.41	0.84	ppb
Molybdenum	95-1	2545.01	2520.39	2536.49	2533.96	0.49	ppb
Molybdenum	96-1	2547.15	2528.55	2533.59	2536.43	0.38	ppb
Molybdenum	97-1	2547.21	2524.67	2542.44	2538.11	0.47	ppb
Molybdenum	98-1	2554.51	2530.04	2539.84	2541.46	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.92	495.77	498.75	496.81	0.34	ppb
Phosphorus	31-2	9977.42	10224.18	9982.61	10061.40	1.40	ppb
Potassium	39-2	123817.47	123214.28	124858.96	123963.57	0.67	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	507.71	485.89	481.98	491.86	2.82	ppb
Selenium	78-2	492.23	501.33	495.87	496.48	0.92	ppb
Selenium	82-1	492.83	492.87	499.59	495.10	0.79	ppb
Silicon	28-1	633.17	638.36	643.27	638.27	0.79	ppb
Silver	109-1	497.10	491.36	497.54	495.34	0.70	ppb
Silver	107-1	494.95	499.57	494.82	496.45	0.54	ppb
Sodium	23-2	241471.29	239965.96	244033.41	241823.55	0.85	ppb
Strontium	86-1	519.17	517.85	517.53	518.18	0.17	ppb
Strontium	88-1	523.03	520.21	522.00	521.75	0.27	ppb
Sulfur	34-1	8601.40	8598.78	8751.22	8650.46	1.01	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	518.81	518.06	523.92	520.26	0.61	ppb
Thallium	205-1	514.35	513.62	511.91	513.29	0.24	ppb
Tin	118-1	502.76	499.03	506.55	502.78	0.75	ppb
Titanium	47-1	2523.56	2525.68	2570.71	2539.98	1.05	ppb
Uranium	238-1	519.12	514.18	522.98	518.76	0.85	ppb
Vanadium	51-2	502.21	503.08	507.61	504.30	0.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	964.27	963.70	977.23	968.40	0.79	ppb
Zirconium	90-1	511.22	506.29	511.56	509.69	0.58	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P7
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:59:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.73	501.04	509.21	504.99	0.81	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P7
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:02:42	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	1.67	1.28	1.36	20.68	ppb
Antimony	121-1	0.38	0.38	0.44	0.40	8.97	ppb
Arsenic	75-2	0.04	0.05	0.07	0.05	25.83	ppb
Barium	135-1	0.10	0.07	0.10	0.09	17.80	ppb
Barium	137-1	0.11	0.08	0.07	0.09	22.96	ppb
Beryllium	9-1	0.08	0.08	0.06	0.08	15.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	9.41	7.50	7.04	7.98	15.74	ppb
Boron	11-1	8.86	8.51	7.83	8.40	6.24	ppb
Cadmium	111-1	-0.02	0.05	-0.05	-0.01		ppb
Cadmium	106-1	-0.63	0.45	-0.80	-0.33		ppb
Cadmium	108-1	0.07	0.00	0.13	0.07	93.79	ppb
Calcium	43-1	9.53	10.45	7.95	9.31	13.57	ppb
Calcium	44-1	9.99	7.69	7.53	8.40	16.41	ppb
Chromium	52-2	-0.01	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.44	ppb
Copper	63-2	0.23	0.20	0.19	0.21	9.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	4.47	3.96	3.82	4.08	8.42	ppb
Iron	57-2	5.31	3.05	2.00	3.45	48.99	ppb
Lead	206-1	0.22	0.20	0.21	0.21	2.80	ppb
Lead	207-1	0.21	0.23	0.23	0.22	2.89	ppb
Lead	208-1	0.23	0.22	0.22	0.22	3.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	6.65	5.10	4.74	5.50	18.55	ppb
Manganese	55-2	0.02	0.04	0.03	0.03	24.54	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P7
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:02:42	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.42	0.44	0.40	0.42	4.96	ppb
Molybdenum	95-1	0.48	0.51	0.49	0.50	3.03	ppb
Molybdenum	96-1	0.52	0.48	0.45	0.48	7.03	ppb
Molybdenum	97-1	0.61	0.48	0.47	0.52	14.45	ppb
Molybdenum	98-1	0.54	0.48	0.43	0.48	11.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	40.29	ppb
Phosphorus	31-2	0.56	-6.67	0.59	-1.84		ppb
Potassium	39-2	51.67	44.42	44.86	46.99	8.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	1.19	0.00	0.00	0.40	173.21	ppb
Selenium	78-2	-0.31	-0.75	0.35	-0.24		ppb
Selenium	82-1	0.10	0.53	0.09	0.24	105.27	ppb
Silicon	28-1	-11.58	-11.86	-11.59	-11.68		ppb
Silver	109-1	0.04	0.03	0.04	0.04	11.13	ppb
Silver	107-1	0.04	0.04	0.03	0.04	14.51	ppb
Sodium	23-2	110.22	108.87	105.03	108.04	2.49	ppb
Strontium	86-1	-0.04	0.03	-0.02	-0.01		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	31.45	ppb
Sulfur	34-1	-2684.20	-2654.02	-2562.73	-2633.65		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.16	0.14	0.16	13.44	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	4.49	ppb
Tin	118-1	0.14	0.16	0.14	0.15	8.78	ppb
Titanium	47-1	0.07	0.08	0.10	0.08	19.13	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.25	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	21.34	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.18	0.12	0.16	0.15	20.11	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	7.35	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P7
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:02:42	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.04	0.04	13.00	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:06:16	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.70	17.34	16.37	17.47	6.70	ppb
Antimony	121-1	1.89	1.89	1.93	1.90	1.16	ppb
Arsenic	75-2	0.97	0.92	0.83	0.91	7.97	ppb
Barium	135-1	9.08	9.16	9.03	9.09	0.75	ppb
Barium	137-1	9.29	9.19	9.24	9.24	0.50	ppb
Beryllium	9-1	0.94	0.95	0.90	0.93	2.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	26.32	26.28	25.01	25.87	2.88	ppb
Boron	11-1	25.50	24.80	25.82	25.37	2.06	ppb
Cadmium	111-1	0.88	0.95	0.96	0.93	4.60	ppb
Cadmium	106-1	-0.05	1.26	1.02	0.74	94.16	ppb
Cadmium	108-1	0.82	1.06	0.95	0.94	12.56	ppb
Calcium	43-1	450.10	439.29	444.57	444.66	1.22	ppb
Calcium	44-1	435.26	448.72	440.79	441.59	1.53	ppb
Chromium	52-2	1.94	1.95	2.00	1.96	1.61	ppb
Cobalt	59-2	0.95	0.94	0.98	0.96	1.99	ppb
Copper	63-2	2.07	2.12	2.18	2.12	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	48.25	48.77	48.79	48.60	0.63	ppb
Iron	57-2	45.45	48.63	47.52	47.20	3.41	ppb
Lead	206-1	0.99	1.00	1.03	1.01	1.96	ppb
Lead	207-1	1.01	1.02	1.02	1.02	0.65	ppb
Lead	208-1	1.02	1.04	1.02	1.03	1.07	ppb
Lithium	6-1				106		%
Magnesium	24-2	447.33	451.28	452.11	450.24	0.57	ppb
Manganese	55-2	0.98	1.06	0.96	1.00	5.33	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:06:16	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.58	4.79	4.86	4.74	3.03	ppb
Molybdenum	95-1	4.83	4.85	4.78	4.82	0.73	ppb
Molybdenum	96-1	4.80	4.75	4.59	4.71	2.39	ppb
Molybdenum	97-1	4.63	4.69	4.81	4.71	1.97	ppb
Molybdenum	98-1	4.64	4.61	4.66	4.64	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.04	1.10	1.05	4.05	ppb
Phosphorus	31-2	-21.19	-2.36	4.82	-6.24		ppb
Potassium	39-2	473.32	472.14	479.62	475.03	0.85	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	5.05	7.05	4.75	5.61	22.31	ppb
Selenium	78-2	5.05	4.19	4.51	4.58	9.54	ppb
Selenium	82-1	5.23	4.89	5.39	5.17	4.92	ppb
Silicon	28-1	7.73	6.43	6.50	6.89	10.59	ppb
Silver	109-1	0.98	0.99	0.97	0.98	1.22	ppb
Silver	107-1	0.98	1.01	1.02	1.00	2.24	ppb
Sodium	23-2	515.17	519.19	523.16	519.17	0.77	ppb
Strontium	86-1	0.93	0.87	0.92	0.90	3.79	ppb
Strontium	88-1	0.92	0.98	0.94	0.95	3.39	ppb
Sulfur	34-1	-2248.36	-1997.79	-1987.35	-2077.83		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.99	0.98	0.94	0.97	2.62	ppb
Thallium	205-1	0.97	0.98	0.99	0.98	1.03	ppb
Tin	118-1	4.63	4.57	4.73	4.64	1.71	ppb
Titanium	47-1	4.51	4.62	4.56	4.56	1.20	ppb
Uranium	238-1	0.86	0.85	0.87	0.86	1.37	ppb
Vanadium	51-2	4.48	4.63	4.61	4.58	1.76	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2.21	2.30	2.14	2.22	3.61	ppb
Zirconium	90-1	0.97	0.99	0.99	0.98	0.76	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:06:16	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.97	0.94	0.96	1.65	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:09:50	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	0.23	0.37	0.16	149.13	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	10.91	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	127.71	ppb
Barium	135-1	0.00	0.00	0.00	0.00	571.61	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.05	0.02	0.03	0.03	37.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	3.32	2.99	2.70	3.00	10.35	ppb
Boron	11-1	3.24	3.06	3.11	3.13	2.96	ppb
Cadmium	111-1	-0.02	-0.05	-0.10	-0.06		ppb
Cadmium	106-1	-0.25	-0.58	-1.26	-0.70		ppb
Cadmium	108-1	0.03	0.05	0.03	0.03	37.79	ppb
Calcium	43-1	-2.24	-0.27	-0.53	-1.01		ppb
Calcium	44-1	-0.08	0.97	1.28	0.72	98.68	ppb
Chromium	52-2	0.02	0.02	0.02	0.02	15.92	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.12	0.10	0.11	0.11	12.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	0.44	0.52	0.63	0.53	18.72	ppb
Iron	57-2	-1.04	-0.72	1.09	-0.22		ppb
Lead	206-1	0.10	0.10	0.10	0.10	1.26	ppb
Lead	207-1	0.09	0.09	0.09	0.09	5.35	ppb
Lead	208-1	0.10	0.09	0.09	0.09	7.57	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.87	1.15	1.12	1.05	15.04	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	123.55	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:09:50	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.04	0.08	0.06	38.38	ppb
Molybdenum	95-1	0.08	0.10	0.07	0.09	17.16	ppb
Molybdenum	96-1	0.07	0.10	0.09	0.09	16.39	ppb
Molybdenum	97-1	0.08	0.08	0.05	0.07	22.64	ppb
Molybdenum	98-1	0.08	0.09	0.09	0.09	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	489.60	ppb
Phosphorus	31-2	-10.39	-14.27	-8.53	-11.07		ppb
Potassium	39-2	11.49	10.44	40.41	20.78	81.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.30	0.30	0.00	0.20	86.60	ppb
Selenium	78-2	0.22	-0.03	0.38	0.19	109.62	ppb
Selenium	82-1	0.04	0.42	0.39	0.28	73.49	ppb
Silicon	28-1	-10.88	-9.83	-10.21	-10.31		ppb
Silver	109-1	0.01	0.01	0.02	0.01	40.26	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.79	ppb
Sodium	23-2	57.08	55.68	66.67	59.81	10.00	ppb
Strontium	86-1	-0.03	-0.03	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	213.49	ppb
Sulfur	34-1	-2012.53	-1715.52	-1775.38	-1834.48		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.04	0.03	0.04	28.14	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.65	ppb
Tin	118-1	0.03	0.00	0.02	0.02	89.44	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	119.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	56.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.04	0.07	0.09	0.06	31.54	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	50.15	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:09:50	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	47.22	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P7
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:13:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	165.72	170.47	165.05	167.08	1.77	ppb
Antimony	121-1	18.04	18.26	18.09	18.13	0.65	ppb
Arsenic	75-2	21.56	21.34	22.06	21.65	1.71	ppb
Barium	135-1	45.92	46.27	48.00	46.73	2.37	ppb
Barium	137-1	46.67	46.67	46.93	46.76	0.31	ppb
Beryllium	9-1	19.14	19.48	19.12	19.24	1.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	3.64	3.72	3.75	3.70	1.62	ppb
Boron	11-1	3.66	3.62	3.71	3.66	1.24	ppb
Cadmium	111-1	12.57	12.19	12.07	12.28	2.14	ppb
Cadmium	106-1	9.22	9.22	9.58	9.34	2.22	ppb
Cadmium	108-1	10.79	11.72	11.07	11.19	4.27	ppb
Calcium	43-1	234.23	239.65	234.92	236.26	1.25	ppb
Calcium	44-1	232.18	240.16	235.42	235.92	1.70	ppb
Chromium	52-2	28.08	28.20	27.97	28.08	0.40	ppb
Cobalt	59-2	30.32	30.74	30.14	30.40	1.02	ppb
Copper	63-2	22.09	21.87	21.54	21.83	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	121.89	120.90	119.50	120.76	0.99	ppb
Iron	57-2	119.33	118.98	122.40	120.24	1.56	ppb
Lead	206-1	21.53	21.44	21.65	21.54	0.49	ppb
Lead	207-1	20.50	20.63	20.65	20.59	0.40	ppb
Lead	208-1	20.91	21.06	21.11	21.03	0.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	62.39	61.76	65.60	63.25	3.26	ppb
Manganese	55-2	15.42	15.41	15.36	15.40	0.19	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P7
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:13:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.14	1.13	1.14	1.14	0.20	ppb
Molybdenum	95-1	0.09	0.10	0.11	0.10	9.38	ppb
Molybdenum	96-1	0.19	0.23	0.27	0.23	15.64	ppb
Molybdenum	97-1	0.08	0.06	0.10	0.08	26.13	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	8.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.53	31.62	30.67	31.27	1.69	ppb
Phosphorus	31-2	13.38	-0.14	-11.60	0.55	2290.35	ppb
Potassium	39-2	91.87	88.59	86.54	89.00	3.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	20.89	24.73	23.40	23.01	8.48	ppb
Selenium	78-2	26.88	24.80	26.92	26.20	4.63	ppb
Selenium	82-1	25.50	25.87	26.34	25.91	1.62	ppb
Silicon	28-1	124.38	127.24	124.25	125.29	1.35	ppb
Silver	109-1	6.37	6.34	6.46	6.39	0.93	ppb
Silver	107-1	6.61	6.48	6.38	6.49	1.79	ppb
Sodium	23-2	118.64	121.68	117.81	119.38	1.71	ppb
Strontium	86-1	1.95	2.03	2.09	2.02	3.51	ppb
Strontium	88-1	2.08	2.05	2.08	2.07	0.77	ppb
Sulfur	34-1	-2103.68	-1934.61	-2054.49	-2030.93		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	10.00	10.24	10.18	10.14	1.25	ppb
Thallium	205-1	10.18	10.32	10.45	10.32	1.32	ppb
Tin	118-1	0.28	0.27	0.29	0.28	4.34	ppb
Titanium	47-1	1.69	1.95	1.80	1.82	7.11	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	3.96	ppb
Vanadium	51-2	0.58	0.59	0.61	0.59	2.24	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	1.69	1.59	1.39	1.56	9.84	ppb
Zirconium	90-1	0.73	0.66	0.70	0.70	5.14	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P7
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:13:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.80	0.76	0.70	0.75	6.67	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-01	Instrumnet Name :	P7
Client Sample ID :	MX2B97	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:16:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	376.51	375.94	369.93	374.13	0.97	ppb
Antimony	121-1	113.82	114.24	114.58	114.21	0.34	ppb
Arsenic	75-2	24.67	25.09	25.57	25.11	1.80	ppb
Barium	135-1	350.50	351.03	350.67	350.73	0.08	ppb
Barium	137-1	351.99	353.96	354.59	353.52	0.38	ppb
Beryllium	9-1	9.46	9.30	9.68	9.48	2.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	2.25	2.27	2.01	2.18	6.80	ppb
Boron	11-1	1.86	1.82	1.90	1.86	2.33	ppb
Cadmium	111-1	14.40	14.71	14.62	14.58	1.10	ppb
Cadmium	106-1	12.25	11.10	11.72	11.69	4.91	ppb
Cadmium	108-1	13.34	13.00	13.21	13.18	1.29	ppb
Calcium	43-1	9350.34	9303.43	9367.37	9340.38	0.35	ppb
Calcium	44-1	9551.11	9493.27	9561.54	9535.31	0.39	ppb
Chromium	52-2	36.03	36.48	36.19	36.23	0.64	ppb
Cobalt	59-2	64.91	65.11	64.87	64.97	0.20	ppb
Copper	63-2	50.95	50.90	50.52	50.79	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	66139.53	65142.49	65665.50	65649.17	0.76	ppb
Iron	57-2	65004.10	64963.38	65161.94	65043.14	0.16	ppb
Lead	206-1	19.93	19.78	19.76	19.82	0.47	ppb
Lead	207-1	18.38	18.06	18.12	18.19	0.94	ppb
Lead	208-1	18.93	19.00	19.03	18.99	0.25	ppb
Lithium	6-1				108		%
Magnesium	24-2	8689.32	8665.17	8717.96	8690.82	0.30	ppb
Manganese	55-2	37.22	36.72	36.95	36.96	0.68	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-01	Instrumnet Name :	P7
Client Sample ID :	MX2B97	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:16:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.38	0.34	0.34	13.47	ppb
Molybdenum	95-1	0.42	0.45	0.43	0.43	4.39	ppb
Molybdenum	96-1	0.68	0.59	0.66	0.65	7.07	ppb
Molybdenum	97-1	0.42	0.40	0.36	0.39	8.11	ppb
Molybdenum	98-1	0.41	0.40	0.36	0.39	5.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.39	78.36	78.05	77.93	0.63	ppb
Phosphorus	31-2	-15.30	-9.52	-26.63	-17.15		ppb
Potassium	39-2	9992.14	10017.86	10016.31	10008.77	0.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	65.43	72.96	63.79	67.39	7.26	ppb
Selenium	78-2	65.20	66.77	70.94	67.64	4.39	ppb
Selenium	82-1	66.57	68.76	70.68	68.67	2.99	ppb
Silicon	28-1	-4.40	-4.81	-4.39	-4.53		ppb
Silver	109-1	29.43	29.75	29.92	29.70	0.85	ppb
Silver	107-1	30.19	30.46	30.02	30.22	0.73	ppb
Sodium	23-2	7762.76	7694.72	7726.64	7728.04	0.44	ppb
Strontium	86-1	10.95	11.23	10.86	11.01	1.76	ppb
Strontium	88-1	11.17	11.30	11.17	11.21	0.69	ppb
Sulfur	34-1	-1428.38	-1436.11	-1249.71	-1371.40		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	56.56	56.26	56.81	56.54	0.49	ppb
Thallium	205-1	57.31	57.28	57.64	57.41	0.35	ppb
Tin	118-1	0.06	0.02	0.06	0.05	40.97	ppb
Titanium	47-1	0.14	0.16	0.19	0.16	18.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	240.35	238.17	239.64	239.39	0.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	121.90	123.53	121.58	122.34	0.85	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	31.96	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-01	Instrumnet Name :	P7
Client Sample ID :	MX2B97	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:16:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.04	0.04	13.88	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:20:34	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49792.35	49770.02	49957.07	49839.81	0.20	ppb
Antimony	121-1	499.83	506.91	502.22	502.99	0.72	ppb
Arsenic	75-2	502.43	506.09	504.48	504.33	0.36	ppb
Barium	135-1	2514.21	2532.98	2464.86	2504.02	1.41	ppb
Barium	137-1	2530.19	2516.63	2494.40	2513.74	0.72	ppb
Beryllium	9-1	502.20	495.91	504.15	500.75	0.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	495.89	489.18	501.67	495.58	1.26	ppb
Boron	11-1	486.57	491.70	500.87	493.05	1.47	ppb
Cadmium	111-1	486.57	489.96	487.71	488.08	0.35	ppb
Cadmium	106-1	499.65	499.80	498.47	499.31	0.15	ppb
Cadmium	108-1	492.66	494.09	494.12	493.62	0.17	ppb
Calcium	43-1	242115.25	244550.49	243003.80	243223.18	0.51	ppb
Calcium	44-1	241708.46	241654.98	242038.14	241800.53	0.09	ppb
Chromium	52-2	503.93	507.52	508.37	506.60	0.47	ppb
Cobalt	59-2	496.74	494.64	499.42	496.94	0.48	ppb
Copper	63-2	975.48	975.65	984.59	978.57	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	124603.90	123348.22	124542.43	124164.85	0.57	ppb
Iron	57-2	124500.92	123271.62	124616.65	124129.73	0.60	ppb
Lead	206-1	512.57	514.96	519.88	515.80	0.72	ppb
Lead	207-1	508.62	513.35	518.86	513.61	1.00	ppb
Lead	208-1	510.92	513.56	515.68	513.39	0.46	ppb
Lithium	6-1				104		%
Magnesium	24-2	241748.53	241156.79	242777.73	241894.35	0.34	ppb
Manganese	55-2	997.57	990.48	997.55	995.20	0.41	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:20:34	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2561.69	2545.32	2559.09	2555.37	0.34	ppb
Molybdenum	95-1	2547.52	2552.14	2565.89	2555.18	0.37	ppb
Molybdenum	96-1	2543.47	2553.10	2545.73	2547.43	0.20	ppb
Molybdenum	97-1	2547.08	2536.15	2558.26	2547.16	0.43	ppb
Molybdenum	98-1	2552.77	2564.13	2574.65	2563.85	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.28	495.15	496.32	495.58	0.13	ppb
Phosphorus	31-2	10110.88	10004.30	10072.47	10062.55	0.54	ppb
Potassium	39-2	123873.73	123912.55	123898.70	123894.99	0.02	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	494.34	499.34	479.50	491.06	2.10	ppb
Selenium	78-2	500.48	503.53	494.02	499.34	0.97	ppb
Selenium	82-1	496.46	494.59	500.22	497.09	0.58	ppb
Silicon	28-1	639.40	645.00	640.34	641.58	0.47	ppb
Silver	109-1	489.91	494.80	492.52	492.41	0.50	ppb
Silver	107-1	499.00	503.71	498.30	500.34	0.59	ppb
Sodium	23-2	244610.96	243133.38	245711.94	244485.43	0.53	ppb
Strontium	86-1	516.61	524.34	520.38	520.44	0.74	ppb
Strontium	88-1	523.10	525.35	525.13	524.53	0.24	ppb
Sulfur	34-1	9639.55	9740.75	9545.53	9641.94	1.01	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	508.81	515.17	521.96	515.31	1.28	ppb
Thallium	205-1	510.33	509.28	514.39	511.33	0.53	ppb
Tin	118-1	500.22	502.31	498.37	500.30	0.39	ppb
Titanium	47-1	2530.24	2571.36	2542.91	2548.17	0.83	ppb
Uranium	238-1	516.11	519.32	514.02	516.48	0.52	ppb
Vanadium	51-2	506.59	504.36	505.59	505.51	0.22	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	968.66	969.19	970.96	969.60	0.12	ppb
Zirconium	90-1	512.61	509.33	512.78	511.58	0.38	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:20:34	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.80	504.38	509.74	505.64	0.72	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:29:15	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.04	0.18	0.10	124.56	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	7.54	ppb
Arsenic	75-2	0.02	0.03	0.02	0.02	24.57	ppb
Barium	135-1	0.01	0.01	0.00	0.01	63.72	ppb
Barium	137-1	0.01	0.01	0.01	0.01	16.22	ppb
Beryllium	9-1	0.02	0.05	0.03	0.03	43.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	2.55	2.94	2.84	2.77	7.34	ppb
Boron	11-1	2.93	2.72	2.59	2.75	6.15	ppb
Cadmium	111-1	-0.10	-0.11	-0.15	-0.12		ppb
Cadmium	106-1	-1.28	-1.46	-2.06	-1.60		ppb
Cadmium	108-1	0.05	0.05	0.03	0.04	30.39	ppb
Calcium	43-1	1.17	2.10	1.86	1.71	28.39	ppb
Calcium	44-1	2.49	1.63	2.33	2.15	21.21	ppb
Chromium	52-2	-0.05	-0.05	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	110.80	ppb
Copper	63-2	0.09	0.11	0.10	0.10	9.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.64	0.75	0.67	0.69	8.66	ppb
Iron	57-2	-0.35	0.44	0.75	0.28	202.20	ppb
Lead	206-1	0.09	0.08	0.08	0.09	9.99	ppb
Lead	207-1	0.10	0.08	0.07	0.08	17.84	ppb
Lead	208-1	0.10	0.08	0.08	0.09	8.93	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.37	1.44	1.57	1.46	6.76	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	42.74	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:29:15	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.07	0.08	11.93	ppb
Molybdenum	95-1	0.12	0.11	0.10	0.11	11.56	ppb
Molybdenum	96-1	0.08	0.08	0.10	0.09	11.53	ppb
Molybdenum	97-1	0.10	0.08	0.08	0.09	13.36	ppb
Molybdenum	98-1	0.10	0.08	0.10	0.10	11.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-17.30	-17.39	-5.09	-13.26		ppb
Potassium	39-2	10.84	15.15	10.75	12.25	20.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.74	0.35	-0.19	-0.19		ppb
Selenium	82-1	0.70	0.73	0.40	0.61	29.49	ppb
Silicon	28-1	-12.22	-11.77	-11.32	-11.77		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.42	ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.97	ppb
Sodium	23-2	56.62	58.42	58.10	57.71	1.67	ppb
Strontium	86-1	-0.07	-0.04	-0.05	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	35.75	ppb
Sulfur	34-1	-1927.56	-1998.22	-1950.91	-1958.90		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.05	0.05	0.05	8.57	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	7.54	ppb
Tin	118-1	0.06	0.04	0.05	0.05	17.17	ppb
Titanium	47-1	-0.03	-0.02	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	189.86	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.08	0.03	0.08	0.07	43.32	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	234.11	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:29:15	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.01	0.02	66.56	ppb

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:45:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	83	58	42.86	cps
Antimony	121-1	75	75	125	92	31.50	cps
Arsenic	75-2	7	9	9	9	12.36	cps
Barium	135-1	33	50	67	50	33.34	cps
Barium	137-1	58	58	67	61	7.87	cps
Beryllium	9-1	56	39	78	57	33.99	cps
Bismuth	209-1	12215624	12161735	12283506	12220288	0.50	cps
Bismuth	209-2	9290844	9476427	9334691	9367321	1.04	cps
Boron	10-1	142	117	117	125	11.55	cps
Boron	11-1	375	467	525	456	16.60	cps
Cadmium	111-1	4072	3750	4009	3944	4.33	cps
Cadmium	106-1	5810	5360	5718	5629	4.23	cps
Cadmium	108-1	4	8	21	11	78.05	cps
Calcium	43-1	233	342	208	261	27.14	cps
Calcium	44-1	21275	22118	22360	21917	2.60	cps
Chromium	52-2	657	743	760	720	7.71	cps
Cobalt	59-2	73	110	130	104	27.52	cps
Copper	63-2	880	907	900	896	1.55	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	33	57	33	41	32.78	cps
Gadolinium	160-1	117	150	175	147	19.88	cps
Gadolinium	160-2	237	347	227	270	24.66	cps
Holmium	165-1	18892435	18754484	18907984	18851634	0.45	cps
Holmium	165-2	12611608	12743376	12619723	12658236	0.58	cps
Indium	115-1	15247312	15244620	15341170	15277701	0.36	cps
Indium	115-2	4313595	4365953	4317726	4332425	0.67	cps
Iron	56-2	5951	6090	6051	6031	1.19	cps
Iron	57-2	528	661	700	630	14.35	cps
Lead	206-1	228	300	294	274	14.66	cps
Lead	207-1	172	272	167	204	29.16	cps
Lead	208-1	861	1117	1072	1017	13.43	cps
Lithium	6-1	5046075	5036908	5052484	5045156	0.16	cps
Magnesium	24-2	133	225	233	197	28.13	cps
Manganese	55-2	53	37	60	50	24.03	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:45:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	375	433	383	12.10	cps
Molybdenum	95-1	92	8	33	44	96.23	cps
Molybdenum	96-1	67	167	108	114	44.11	cps
Molybdenum	97-1	83	67	83	78	12.37	cps
Molybdenum	98-1	50	58	42	50	16.67	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53	37	40	43	20.34	cps
Phosphorus	31-2	675	775	717	722	6.96	cps
Potassium	39-2	67713	68342	68115	68057	0.47	cps
Rhodium	103-1	15143063	15006751	15159378	15103064	0.55	cps
Rhodium	103-2	8833712	8842440	8816856	8831003	0.15	cps
Scandium	45-1	11480134	11513743	11478364	11490747	0.17	cps
Scandium	45-2	674339	683386	679712	679146	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	119	159	115	131	18.84	cps
Selenium	82-1	226	216	380	274	33.48	cps
Silicon	28-1	495835	496992	513766	502197	2.00	cps
Silver	109-1	83	92	58	78	22.30	cps
Silver	107-1	133	167	117	139	18.33	cps
Sodium	23-2	16243	16985	16835	16688	2.35	cps
Strontium	86-1	1017	867	758	881	14.73	cps
Strontium	88-1	167	158	142	156	8.19	cps
Sulfur	34-1	676067	676143	674366	675525	0.15	cps
Terbium	159-1	19365120	19578080	19536347	19493182	0.58	cps
Terbium	159-2	12663366	12742552	12615419	12673779	0.51	cps
Thallium	203-1	267	200	175	214	22.15	cps
Thallium	205-1	592	550	325	489	29.34	cps
Tin	118-1	1000	817	883	900	10.31	cps
Titanium	47-1	175	142	175	164	11.74	cps
Uranium	238-1	33	75	67	58	37.80	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	17162778	17109997	17169536	17147437	0.19	cps
Yttrium	89-2	3432006	3435746	3432084	3433279	0.06	cps
Zinc	66-2	87	117	77	93	22.30	cps
Zirconium	90-1	1017	1008	1125	1050	6.20	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:45:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	192	208	197	4.88	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 20:54:03 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3100	2850	2975	2975	4.20	cps
Antimony	121-1	18738	19756	19164	19219	2.66	cps
Arsenic	75-2	500	496	543	513	5.02	cps
Barium	135-1	22936	22594	21626	22386	3.04	cps
Barium	137-1	38420	38253	39181	38618	1.28	cps
Beryllium	9-1	2984	2623	2745	2784	6.60	cps
Bismuth	209-1	12265684	12184172	12149479	12199778	0.49	cps
Bismuth	209-2	9352566	9283562	9276625	9304251	0.45	cps
Boron	10-1	7736	8027	7727	7830	2.18	cps
Boron	11-1	36929	36629	37472	37010	1.16	cps
Cadmium	111-1	6608	6054	6407	6357	4.41	cps
Cadmium	106-1	6252	5860	5918	6010	3.52	cps
Cadmium	108-1	121	188	242	183	33.01	cps
Calcium	43-1	15768	17102	15926	16265	4.48	cps
Calcium	44-1	279877	280006	277482	279121	0.51	cps
Chromium	52-2	9673	9967	9156	9599	4.28	cps
Cobalt	59-2	6682	6638	6548	6623	1.03	cps
Copper	63-2	10154	10541	10117	10270	2.29	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	108	92	33	78	50.64	cps
Erbium	164-2	50	47	47	48	4.02	cps
Gadolinium	160-1	158	208	142	169	20.48	cps
Gadolinium	160-2	280	240	267	262	7.77	cps
Holmium	165-1	18959968	18938723	19039696	18979462	0.28	cps
Holmium	165-2	12603973	12613972	12576591	12598179	0.15	cps
Indium	115-1	15414072	15509503	15493562	15472379	0.33	cps
Indium	115-2	4375869	4403178	4440721	4406589	0.74	cps
Iron	56-2	182986	182160	183712	182953	0.42	cps
Iron	57-2	5146	5240	4923	5103	3.19	cps
Lead	206-1	7841	7519	7274	7545	3.77	cps
Lead	207-1	6407	6941	6674	6674	4.00	cps
Lead	208-1	30531	29641	29853	30008	1.55	cps
Lithium	6-1	5115953	5149137	5126511	5130534	0.33	cps
Magnesium	24-2	157157	160510	158160	158609	1.09	cps
Manganese	55-2	2754	2580	2654	2663	3.27	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:54:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20390	20240	20791	20474	1.39	cps
Molybdenum	95-1	24155	23821	25140	24372	2.81	cps
Molybdenum	96-1	26751	26659	27385	26932	1.47	cps
Molybdenum	97-1	15592	15175	15142	15303	1.64	cps
Molybdenum	98-1	39288	39230	37868	38795	2.07	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1883	1947	1960	1930	2.12	cps
Phosphorus	31-2	867	800	783	817	5.40	cps
Potassium	39-2	239268	243458	243134	241953	0.96	cps
Rhodium	103-1	15208139	15307162	15177732	15231011	0.44	cps
Rhodium	103-2	8741257	8745634	8783591	8756827	0.27	cps
Scandium	45-1	11597053	11564515	11529173	11563580	0.29	cps
Scandium	45-2	685430	687149	689141	687240	0.27	cps
Selenium	77-2	57	57	77	63	18.23	cps
Selenium	78-2	331	311	274	306	9.53	cps
Selenium	82-1	1007	1153	1110	1090	6.91	cps
Silicon	28-1	621665	622186	621961	621937	0.04	cps
Silver	109-1	11989	11614	11288	11630	3.01	cps
Silver	107-1	12298	11755	11964	12006	2.28	cps
Sodium	23-2	319972	318007	316736	318238	0.51	cps
Strontium	86-1	3834	3976	4276	4029	5.60	cps
Strontium	88-1	27068	27494	27728	27430	1.22	cps
Sulfur	34-1	691965	693351	695106	693474	0.23	cps
Terbium	159-1	19504101	19543516	19477873	19508497	0.17	cps
Terbium	159-2	12613302	12652183	12611534	12625673	0.18	cps
Thallium	203-1	8503	9462	8928	8965	5.36	cps
Thallium	205-1	22294	21835	21551	21894	1.71	cps
Tin	118-1	37743	37167	38245	37718	1.43	cps
Titanium	47-1	7711	7319	8003	7677	4.47	cps
Uranium	238-1	29953	29944	29510	29802	0.85	cps
Vanadium	51-2	16740	16560	17157	16819	1.82	cps
Yttrium	89-1	17241807	17157250	17183943	17194333	0.25	cps
Yttrium	89-2	3459587	3480133	3488163	3475961	0.42	cps
Zinc	66-2	1547	1507	1667	1573	5.29	cps
Zirconium	90-1	18613	18596	18012	18407	1.86	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:54:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4034	4443	3959	4145	6.28	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:57:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151403	150131	149466	150333	0.65	cps
Antimony	121-1	510266	514456	517621	514114	0.72	cps
Arsenic	75-2	26101	26083	25936	26040	0.35	cps
Barium	135-1	594975	596043	600855	597291	0.52	cps
Barium	137-1	1028117	1033775	1040216	1034036	0.59	cps
Beryllium	9-1	147605	146438	148260	147434	0.63	cps
Bismuth	209-1	12202366	12230720	12430169	12287752	1.01	cps
Bismuth	209-2	9251256	9288382	9194399	9244679	0.51	cps
Boron	10-1	17661	17002	17653	17438	2.17	cps
Boron	11-1	81930	81403	82793	82042	0.86	cps
Cadmium	111-1	132366	131887	132354	132203	0.21	cps
Cadmium	106-1	19230	19773	19856	19620	1.73	cps
Cadmium	108-1	9357	9232	9687	9426	2.49	cps
Calcium	43-1	167648	173058	172327	171011	1.72	cps
Calcium	44-1	2777092	2788149	2798893	2788045	0.39	cps
Chromium	52-2	221037	220576	217279	219631	0.93	cps
Cobalt	59-2	342566	340280	341228	341358	0.34	cps
Copper	63-2	477959	477455	478656	478023	0.13	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	10	20	17	16	32.73	cps
Erbium	164-1	75	50	25	50	50.00	cps
Erbium	164-2	37	30	33	33	10.01	cps
Gadolinium	160-1	208	75	167	150	45.48	cps
Gadolinium	160-2	247	287	237	257	10.31	cps
Holmium	165-1	19041179	19278337	19247058	19188858	0.67	cps
Holmium	165-2	12516872	12508899	12382059	12469277	0.61	cps
Indium	115-1	15568288	15533326	15505152	15535589	0.20	cps
Indium	115-2	4377039	4378074	4359504	4371539	0.24	cps
Iron	56-2	9203839	9156718	9156047	9172201	0.30	cps
Iron	57-2	226601	222681	221970	223751	1.11	cps
Lead	206-1	374357	377559	384289	378735	1.34	cps
Lead	207-1	340857	342650	342949	342152	0.33	cps
Lead	208-1	1531187	1539005	1556024	1542072	0.82	cps
Lithium	6-1	5116471	5129588	5222959	5156339	1.13	cps
Magnesium	24-2	1733255	1714823	1702598	1716892	0.90	cps
Manganese	55-2	259123	255572	255939	256878	0.76	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:57:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1056507	1057387	1064468	1059454	0.41	cps
Molybdenum	95-1	1285476	1295756	1310996	1297410	0.99	cps
Molybdenum	96-1	1421376	1445894	1440543	1435937	0.90	cps
Molybdenum	97-1	794420	807100	802931	801484	0.81	cps
Molybdenum	98-1	2058387	2084047	2093871	2078768	0.88	cps
Neodymium	150-1	27	47	73	49	47.89	cps
Neodymium	150-2	17	0	0	6	173.21	cps
Nickel	60-2	89843	90702	90336	90294	0.48	cps
Phosphorus	31-2	9954	9954	10246	10051	1.68	cps
Potassium	39-2	988940	974849	979356	981048	0.73	cps
Rhodium	103-1	15102453	15297493	15340102	15246683	0.83	cps
Rhodium	103-2	8635951	8584925	8537421	8586099	0.57	cps
Scandium	45-1	11512047	11533755	11626893	11557565	0.53	cps
Scandium	45-2	680093	679712	682219	680674	0.20	cps
Selenium	77-2	557	607	530	564	6.90	cps
Selenium	78-2	2124	2069	2121	2104	1.48	cps
Selenium	82-1	8826	8746	9091	8888	2.03	cps
Silicon	28-1	927152	925020	924590	925587	0.15	cps
Silver	109-1	610773	614055	608784	611204	0.44	cps
Silver	107-1	639087	643117	641609	641271	0.32	cps
Sodium	23-2	3245937	3205109	3217979	3223008	0.65	cps
Strontium	86-1	164523	165653	168739	166305	1.31	cps
Strontium	88-1	1439376	1455255	1458505	1451046	0.71	cps
Sulfur	34-1	743233	744780	740097	742703	0.32	cps
Terbium	159-1	19690353	19477863	19754113	19640776	0.74	cps
Terbium	159-2	12549177	12561206	12427036	12512473	0.59	cps
Thallium	203-1	452794	465026	466088	461302	1.60	cps
Thallium	205-1	1103292	1120829	1126485	1116869	1.08	cps
Tin	118-1	391668	394783	396756	394402	0.65	cps
Titanium	47-1	406169	405747	408347	406754	0.34	cps
Uranium	238-1	1598698	1606388	1639989	1615025	1.36	cps
Vanadium	51-2	180381	177891	176845	178373	1.02	cps
Yttrium	89-1	17149911	17151122	17345034	17215356	0.65	cps
Yttrium	89-2	3462770	3436437	3437778	3445662	0.43	cps
Zinc	66-2	71460	71487	71437	71462	0.04	cps
Zirconium	90-1	865507	876686	886563	876252	1.20	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 20:57:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	191473	192181	196380	193345	1.37	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:01:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364204	357984	367529	363239	1.33	cps
Antimony	121-1	1296272	1299004	1311150	1302142	0.61	cps
Arsenic	75-2	63724	62309	63423	63152	1.18	cps
Barium	135-1	1507456	1518904	1525172	1517177	0.59	cps
Barium	137-1	2619144	2620676	2638318	2626046	0.41	cps
Beryllium	9-1	362381	366851	368779	366004	0.90	cps
Bismuth	209-1	12375921	12326686	12459757	12387455	0.54	cps
Bismuth	209-2	9149657	8875266	9136158	9053694	1.71	cps
Boron	10-1	43321	43597	43497	43472	0.32	cps
Boron	11-1	197488	202909	202209	200869	1.47	cps
Cadmium	111-1	322957	323577	327936	324823	0.84	cps
Cadmium	106-1	40634	41495	40936	41022	1.06	cps
Cadmium	108-1	23745	24263	24534	24181	1.66	cps
Calcium	43-1	420150	424684	420220	421685	0.62	cps
Calcium	44-1	6800862	6838417	6784122	6807800	0.41	cps
Chromium	52-2	530490	518186	529849	526175	1.32	cps
Cobalt	59-2	829322	801374	829748	820148	1.98	cps
Copper	63-2	1161657	1129947	1164869	1152158	1.68	cps
Dysprosium	156-1	67	25	25	39	61.86	cps
Dysprosium	156-2	20	23	13	19	26.96	cps
Erbium	164-1	125	33	33	64	82.85	cps
Erbium	164-2	23	53	30	36	44.31	cps
Gadolinium	160-1	183	150	150	161	11.94	cps
Gadolinium	160-2	260	203	283	249	16.53	cps
Holmium	165-1	19215424	19201627	19578692	19331914	1.11	cps
Holmium	165-2	12377768	12030151	12303582	12237167	1.50	cps
Indium	115-1	15399589	15298535	15510326	15402816	0.69	cps
Indium	115-2	4209214	4116786	4260089	4195363	1.73	cps
Iron	56-2	22404628	21671953	22310448	22129009	1.80	cps
Iron	57-2	549126	529160	547374	541887	2.04	cps
Lead	206-1	961576	959807	972147	964510	0.69	cps
Lead	207-1	868106	877802	877778	874562	0.64	cps
Lead	208-1	3917373	3956000	3970323	3947899	0.69	cps
Lithium	6-1	5183090	5180382	5219101	5194191	0.42	cps
Magnesium	24-2	4195456	4080534	4233076	4169689	1.91	cps
Manganese	55-2	619686	604206	623093	615662	1.63	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:01:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2681387	2703580	2704077	2696348	0.48	cps
Molybdenum	95-1	3272949	3282086	3286193	3280409	0.21	cps
Molybdenum	96-1	3615772	3636665	3636859	3629765	0.33	cps
Molybdenum	97-1	2020112	2027498	2008491	2018700	0.47	cps
Molybdenum	98-1	5242440	5319337	5267573	5276450	0.74	cps
Neodymium	150-1	153	113	80	116	31.78	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	219917	214517	219312	217915	1.36	cps
Phosphorus	31-2	22200	22267	22718	22395	1.26	cps
Potassium	39-2	2271873	2210748	2282462	2255028	1.72	cps
Rhodium	103-1	15066004	15050377	15223531	15113304	0.63	cps
Rhodium	103-2	8346478	8116153	8386031	8282887	1.76	cps
Scandium	45-1	11331865	11403648	11404771	11380095	0.37	cps
Scandium	45-2	653475	635540	661863	650293	2.07	cps
Selenium	77-2	1390	1230	1377	1332	6.66	cps
Selenium	78-2	4953	4717	4918	4863	2.61	cps
Selenium	82-1	21525	21843	21577	21649	0.79	cps
Silicon	28-1	1523390	1524908	1527232	1525177	0.13	cps
Silver	109-1	1526541	1543503	1557561	1542535	1.01	cps
Silver	107-1	1622345	1623672	1629233	1625083	0.22	cps
Sodium	23-2	7774882	7555982	7838195	7723019	1.92	cps
Strontium	86-1	414409	411241	423153	416268	1.48	cps
Strontium	88-1	3636146	3679915	3698433	3671498	0.87	cps
Sulfur	34-1	796830	790752	797902	795161	0.48	cps
Terbium	159-1	19753863	19669823	19892453	19772047	0.57	cps
Terbium	159-2	12320118	12015871	12381344	12239111	1.60	cps
Thallium	203-1	1166873	1183775	1199017	1183221	1.36	cps
Thallium	205-1	2869859	2891958	2923534	2895117	0.93	cps
Tin	118-1	997212	995387	1003781	998793	0.44	cps
Titanium	47-1	1005086	1008302	1011349	1008246	0.31	cps
Uranium	238-1	4185642	4228234	4269399	4227758	0.99	cps
Vanadium	51-2	434521	424217	441790	433509	2.04	cps
Yttrium	89-1	16924343	17111683	17171441	17069156	0.76	cps
Yttrium	89-2	3328270	3258608	3360782	3315886	1.57	cps
Zinc	66-2	175315	168447	174087	172616	2.12	cps
Zirconium	90-1	2212743	2232198	2251025	2231988	0.86	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:01:59	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	486517	490787	494225	490510	0.79	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:05:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700387	713190	714230	709269	1.09	cps
Antimony	121-1	2635703	2606540	2614030	2618758	0.58	cps
Arsenic	75-2	123154	124580	123961	123898	0.58	cps
Barium	135-1	3079526	3056070	3055690	3063762	0.45	cps
Barium	137-1	5356116	5321871	5328308	5335432	0.34	cps
Beryllium	9-1	715539	712346	714022	713969	0.22	cps
Bismuth	209-1	12454294	12394927	12381818	12410346	0.31	cps
Bismuth	209-2	9037836	9051365	9115081	9068094	0.45	cps
Boron	10-1	83640	84109	82818	83522	0.78	cps
Boron	11-1	393470	390856	385100	389809	1.10	cps
Cadmium	111-1	647764	646022	639231	644339	0.70	cps
Cadmium	106-1	74035	74647	74396	74359	0.41	cps
Cadmium	108-1	48830	47580	48015	48141	1.32	cps
Calcium	43-1	823445	824197	830293	825978	0.45	cps
Calcium	44-1	13300459	13231152	13202619	13244743	0.38	cps
Chromium	52-2	1043228	1037384	1046519	1042377	0.44	cps
Cobalt	59-2	1608696	1605848	1618942	1611162	0.43	cps
Copper	63-2	2262111	2262990	2279484	2268195	0.43	cps
Dysprosium	156-1	67	50	58	58	14.29	cps
Dysprosium	156-2	63	57	33	51	30.82	cps
Erbium	164-1	125	50	75	83	45.83	cps
Erbium	164-2	37	40	33	37	9.10	cps
Gadolinium	160-1	142	175	225	181	23.23	cps
Gadolinium	160-2	220	243	337	267	23.15	cps
Holmium	165-1	19501072	19353551	19163694	19339439	0.87	cps
Holmium	165-2	12356183	12351492	12422905	12376860	0.32	cps
Indium	115-1	15288315	15235267	15106936	15210172	0.61	cps
Indium	115-2	4165617	4170058	4221421	4185699	0.74	cps
Iron	56-2	43248363	43681427	43632987	43520926	0.55	cps
Iron	57-2	1056800	1071541	1074285	1067542	0.88	cps
Lead	206-1	1940689	1948049	1958099	1948946	0.45	cps
Lead	207-1	1771691	1785768	1767692	1775050	0.53	cps
Lead	208-1	7994327	8046045	8021366	8020579	0.32	cps
Lithium	6-1	5128094	5086417	5078602	5097704	0.52	cps
Magnesium	24-2	8059951	8074882	8133188	8089340	0.48	cps
Manganese	55-2	1207600	1221545	1220204	1216450	0.63	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:05:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5399840	5349946	5379145	5376310	0.47	cps
Molybdenum	95-1	6396144	6388457	6335984	6373528	0.51	cps
Molybdenum	96-1	7096733	7102111	7047159	7082001	0.43	cps
Molybdenum	97-1	4079510	4096783	4029187	4068493	0.86	cps
Molybdenum	98-1	10356510	10309387	10184269	10283388	0.87	cps
Neodymium	150-1	187	187	147	173	13.32	cps
Neodymium	150-2	23	27	30	27	12.51	cps
Nickel	60-2	424913	423412	426399	424908	0.35	cps
Phosphorus	31-2	42395	43021	43347	42921	1.13	cps
Potassium	39-2	4401990	4407197	4388750	4399313	0.22	cps
Rhodium	103-1	15018710	14792458	14731789	14847652	1.02	cps
Rhodium	103-2	8224252	8242239	8289978	8252156	0.41	cps
Scandium	45-1	11210018	11048044	10999544	11085869	0.99	cps
Scandium	45-2	642876	645048	640847	642924	0.33	cps
Selenium	77-2	2864	2724	2707	2765	3.11	cps
Selenium	78-2	9260	9348	9275	9294	0.50	cps
Selenium	82-1	42651	41684	42607	42314	1.29	cps
Silicon	28-1	2501093	2473788	2444644	2473175	1.14	cps
Silver	109-1	3068352	3090054	3055555	3071320	0.57	cps
Silver	107-1	3205744	3223192	3194351	3207763	0.45	cps
Sodium	23-2	15097415	15117775	15275799	15163663	0.64	cps
Strontium	86-1	823547	825324	821419	823430	0.24	cps
Strontium	88-1	7091711	7046855	7029874	7056147	0.45	cps
Sulfur	34-1	888868	877224	866918	877670	1.25	cps
Terbium	159-1	19928459	19862378	19789273	19860037	0.35	cps
Terbium	159-2	12348594	12372718	12437498	12386270	0.37	cps
Thallium	203-1	2376498	2396608	2396839	2389981	0.49	cps
Thallium	205-1	5897997	5903781	5918722	5906833	0.18	cps
Tin	118-1	1989894	1998240	1995244	1994459	0.21	cps
Titanium	47-1	1978529	1957534	1947259	1961107	0.81	cps
Uranium	238-1	8312406	8273352	8227530	8271096	0.51	cps
Vanadium	51-2	852672	850157	861330	854720	0.69	cps
Yttrium	89-1	17154943	16998976	16923091	17025670	0.69	cps
Yttrium	89-2	3278705	3282917	3316969	3292864	0.64	cps
Zinc	66-2	337096	336817	340908	338274	0.68	cps
Zirconium	90-1	4493906	4467422	4479349	4480226	0.30	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:05:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975432	971699	973097	973409	0.19	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P7
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:09:32 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1417322	1420384	1421359	1419688	0.15	cps
Antimony	121-1	5234101	5264905	5325615	5274874	0.88	cps
Arsenic	75-2	250151	251108	250576	250612	0.19	cps
Barium	135-1	6023040	6204395	6278232	6168555	2.13	cps
Barium	137-1	10372209	10339990	10416998	10376399	0.37	cps
Beryllium	9-1	1389687	1403131	1395828	1396215	0.48	cps
Bismuth	209-1	12408234	12421359	12412503	12414032	0.05	cps
Bismuth	209-2	9093982	9137622	9126541	9119382	0.25	cps
Boron	10-1	162691	164458	164670	163940	0.66	cps
Boron	11-1	764068	775452	772140	770554	0.76	cps
Cadmium	111-1	1266453	1277686	1279394	1274511	0.55	cps
Cadmium	106-1	142301	139835	143158	141765	1.22	cps
Cadmium	108-1	94781	93464	96476	94907	1.59	cps
Calcium	43-1	1620168	1637303	1625647	1627706	0.54	cps
Calcium	44-1	25977344	26158110	26099352	26078269	0.35	cps
Chromium	52-2	2087944	2094330	2079531	2087268	0.36	cps
Cobalt	59-2	3217429	3244634	3214140	3225401	0.52	cps
Copper	63-2	4516353	4528012	4541967	4528777	0.28	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Dysprosium	156-2	87	80	97	88	9.56	cps
Erbium	164-1	83	83	50	72	26.65	cps
Erbium	164-2	57	23	33	38	45.29	cps
Gadolinium	160-1	183	83	208	158	41.77	cps
Gadolinium	160-2	273	300	237	270	11.78	cps
Holmium	165-1	19462280	19614139	19703121	19593180	0.62	cps
Holmium	165-2	12473966	12530021	12466560	12490183	0.28	cps
Indium	115-1	15113957	15124778	15241475	15160070	0.47	cps
Indium	115-2	4176234	4208806	4167832	4184291	0.52	cps
Iron	56-2	87250924	87359530	86552088	87054181	0.50	cps
Iron	57-2	2140136	2153757	2141644	2145179	0.35	cps
Lead	206-1	3879661	3916582	3946181	3914142	0.85	cps
Lead	207-1	3528512	3590740	3580663	3566639	0.94	cps
Lead	208-1	15738921	15906535	15860441	15835299	0.55	cps
Lithium	6-1	5052911	5060595	5101887	5071798	0.52	cps
Magnesium	24-2	16162270	16258986	16183213	16201490	0.31	cps
Manganese	55-2	2447148	2454711	2438943	2446934	0.32	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:09:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10470370	10439819	10493312	10467834	0.26	cps
Molybdenum	95-1	12834608	12787940	12862022	12828190	0.29	cps
Molybdenum	96-1	14141969	14268751	14194621	14201780	0.45	cps
Molybdenum	97-1	7954207	8031267	7958670	7981382	0.54	cps
Molybdenum	98-1	20566763	20683622	20527061	20592482	0.40	cps
Neodymium	150-1	320	300	287	302	5.55	cps
Neodymium	150-2	50	57	43	50	13.34	cps
Nickel	60-2	840828	847086	844193	844036	0.37	cps
Phosphorus	31-2	87171	84740	84657	85523	1.67	cps
Potassium	39-2	8553473	8505995	8519035	8526168	0.29	cps
Rhodium	103-1	14554633	14482348	14665316	14567432	0.63	cps
Rhodium	103-2	8223145	8247045	8214859	8228350	0.20	cps
Scandium	45-1	10849910	10872224	10916429	10879521	0.31	cps
Scandium	45-2	641329	645730	646172	644410	0.42	cps
Selenium	77-2	5368	5421	5671	5487	2.95	cps
Selenium	78-2	18174	18955	18113	18414	2.55	cps
Selenium	82-1	82658	83028	83533	83073	0.53	cps
Silicon	28-1	4355208	4393312	4379612	4376044	0.44	cps
Silver	109-1	6077944	6083093	6154733	6105256	0.70	cps
Silver	107-1	6241748	6216565	6243901	6234071	0.24	cps
Sodium	23-2	30299394	30455309	30436429	30397044	0.28	cps
Strontium	86-1	1616539	1625122	1648656	1630106	1.02	cps
Strontium	88-1	14022168	14123574	14093177	14079640	0.37	cps
Sulfur	34-1	1086580	1082278	1084879	1084579	0.20	cps
Terbium	159-1	19990747	19957866	20062291	20003635	0.27	cps
Terbium	159-2	12485909	12566041	12527645	12526532	0.32	cps
Thallium	203-1	4790139	4828844	4854746	4824576	0.67	cps
Thallium	205-1	11248471	11255918	11291266	11265218	0.20	cps
Tin	118-1	3968219	3999925	4030200	3999448	0.77	cps
Titanium	47-1	3898464	3887872	3902589	3896308	0.19	cps
Uranium	238-1	16807075	16860419	16816697	16828064	0.17	cps
Vanadium	51-2	1718386	1719616	1715636	1717880	0.12	cps
Yttrium	89-1	16840968	16896045	16952168	16896394	0.33	cps
Yttrium	89-2	3310098	3319219	3305520	3311612	0.21	cps
Zinc	66-2	675279	678990	675000	676423	0.33	cps
Zirconium	90-1	8726436	8757213	8682493	8722047	0.43	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:09:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1936577	1947399	1949792	1944589	0.36	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:13:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2750902	2790306	2766279	2769162	0.72	cps
Antimony	121-1	10315403	10266395	10270451	10284083	0.26	cps
Arsenic	75-2	488724	491909	490540	490391	0.33	cps
Barium	135-1	11917856	11919500	11991815	11943057	0.35	cps
Barium	137-1	20647636	20535596	20489913	20557715	0.39	cps
Beryllium	9-1	2722376	2723269	2708906	2718184	0.30	cps
Bismuth	209-1	12181569	12331295	12207716	12240193	0.65	cps
Bismuth	209-2	8807483	8829161	8865769	8834138	0.33	cps
Boron	10-1	320656	326452	323158	323422	0.90	cps
Boron	11-1	1515434	1522032	1518574	1518680	0.22	cps
Cadmium	111-1	2454589	2494438	2483892	2477640	0.83	cps
Cadmium	106-1	268396	270909	268838	269381	0.50	cps
Cadmium	108-1	182053	184652	181951	182885	0.84	cps
Calcium	43-1	3205136	3221014	3187371	3204507	0.53	cps
Calcium	44-1	51220458	51653114	50737039	51203537	0.90	cps
Chromium	52-2	4098908	4092786	4086652	4092782	0.15	cps
Cobalt	59-2	6228971	6231182	6239228	6233127	0.09	cps
Copper	63-2	8469390	8508332	8509847	8495856	0.27	cps
Dysprosium	156-1	133	175	100	136	27.61	cps
Dysprosium	156-2	140	220	133	164	29.33	cps
Erbium	164-1	67	50	92	69	30.20	cps
Erbium	164-2	50	67	37	51	29.41	cps
Gadolinium	160-1	233	133	183	183	27.27	cps
Gadolinium	160-2	300	267	287	284	5.90	cps
Holmium	165-1	19388713	19636017	19414276	19479669	0.70	cps
Holmium	165-2	12379033	12296914	12412821	12362922	0.48	cps
Indium	115-1	14928347	15002754	14810816	14913972	0.65	cps
Indium	115-2	4001779	4023452	4033598	4019609	0.40	cps
Iron	56-2	168745504	168372015	168935082	168684200	0.17	cps
Iron	57-2	4189285	4211809	4206006	4202367	0.28	cps
Lead	206-1	7546392	7595813	7505401	7549202	0.60	cps
Lead	207-1	6937018	6951863	6921047	6936643	0.22	cps
Lead	208-1	30946252	31160267	30976220	31027579	0.37	cps
Lithium	6-1	4998842	5036314	4991435	5008864	0.48	cps
Magnesium	24-2	31161673	31345565	31218947	31242061	0.30	cps
Manganese	55-2	4770947	4780847	4806546	4786113	0.38	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:13:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20556279	20831029	20580328	20655878	0.74	cps
Molybdenum	95-1	25326338	25592317	25340204	25419620	0.59	cps
Molybdenum	96-1	28251106	28353017	28178370	28260831	0.31	cps
Molybdenum	97-1	15839781	15963782	15780763	15861442	0.59	cps
Molybdenum	98-1	40772962	41063884	40711208	40849352	0.46	cps
Neodymium	150-1	693	640	660	664	4.05	cps
Neodymium	150-2	90	97	100	96	5.33	cps
Nickel	60-2	1621640	1637786	1632607	1630678	0.51	cps
Phosphorus	31-2	169496	166553	167296	167782	0.91	cps
Potassium	39-2	16583058	16419767	16525235	16509353	0.50	cps
Rhodium	103-1	14144937	14327945	14173365	14215416	0.69	cps
Rhodium	103-2	7896503	7892766	7939978	7909749	0.33	cps
Scandium	45-1	10700445	10850593	10670022	10740353	0.90	cps
Scandium	45-2	632977	629804	632856	631879	0.28	cps
Selenium	77-2	10437	10711	10457	10535	1.45	cps
Selenium	78-2	35651	35712	35792	35719	0.20	cps
Selenium	82-1	161024	161346	160002	160791	0.44	cps
Silicon	28-1	6200899	6164805	6126985	6164230	0.60	cps
Silver	109-1	11609253	11750570	11568562	11642795	0.82	cps
Silver	107-1	12102442	12133871	12166226	12134179	0.26	cps
Sodium	23-2	58798939	58880418	58982933	58887430	0.16	cps
Strontium	86-1	3190125	3262106	3234314	3228848	1.12	cps
Strontium	88-1	27774954	28064736	27654956	27831549	0.76	cps
Sulfur	34-1	1565737	1554264	1549686	1556562	0.53	cps
Terbium	159-1	19983406	20052372	19892099	19975959	0.40	cps
Terbium	159-2	12390028	12329659	12368913	12362867	0.25	cps
Thallium	203-1	9306492	9389260	9342933	9346228	0.44	cps
Thallium	205-1	22249514	22476895	22176730	22301046	0.70	cps
Tin	118-1	7843021	7833644	7848010	7841558	0.09	cps
Titanium	47-1	7536191	7623120	7551235	7570182	0.61	cps
Uranium	238-1	33752972	33867443	33668392	33762936	0.30	cps
Vanadium	51-2	3394246	3401881	3382938	3393022	0.28	cps
Yttrium	89-1	16720372	16864759	16659777	16748303	0.63	cps
Yttrium	89-2	3239456	3249710	3253661	3247609	0.23	cps
Zinc	66-2	1291399	1297550	1293752	1294234	0.24	cps
Zirconium	90-1	17196024	17296102	17182650	17224925	0.36	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:13:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3850272	3891631	3879910	3873938	0.55	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:17:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14208985	14332266	14414421	14318557	0.72	cps
Antimony	121-1	13732	14283	14808	14275	3.77	cps
Arsenic	75-2	741	769	809	773	4.46	cps
Barium	135-1	3151	2692	2867	2903	7.97	cps
Barium	137-1	5218	5526	5160	5301	3.72	cps
Beryllium	9-1	467	400	367	411	12.39	cps
Bismuth	209-1	11293538	11289610	11476844	11353331	0.94	cps
Bismuth	209-2	8408273	8440475	8446845	8431864	0.25	cps
Boron	10-1	6435	6076	5535	6015	7.54	cps
Boron	11-1	30122	26950	25598	27557	8.43	cps
Cadmium	111-1	4250	4054	4210	4171	2.49	cps
Cadmium	106-1	5560	5201	5610	5457	4.08	cps
Cadmium	108-1	42	71	42	51	32.77	cps
Calcium	43-1	16600173	16577373	16751934	16643160	0.57	cps
Calcium	44-1	268677506	266544164	270685231	268635634	0.77	cps
Chromium	52-2	115246	115548	115199	115331	0.16	cps
Cobalt	59-2	73878	75205	75992	75025	1.42	cps
Copper	63-2	10234	11001	10784	10673	3.71	cps
Dysprosium	156-1	108	108	100	106	4.56	cps
Dysprosium	156-2	63	53	63	60	9.62	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	40	67	43	50	29.06	cps
Gadolinium	160-1	150	192	192	178	13.53	cps
Gadolinium	160-2	273	287	313	291	7.00	cps
Holmium	165-1	19103071	19028032	19435934	19189012	1.13	cps
Holmium	165-2	12377905	12362797	12410193	12383632	0.20	cps
Indium	115-1	14196370	14168032	14248579	14204327	0.29	cps
Indium	115-2	3907720	3938686	3922740	3923049	0.39	cps
Iron	56-2	841310663	847671908	844119130	844367234	0.38	cps
Iron	57-2	20593148	20661971	20723614	20659578	0.32	cps
Lead	206-1	42998	43109	43042	43050	0.13	cps
Lead	207-1	35849	37252	36055	36385	2.08	cps
Lead	208-1	168140	170583	170934	169886	0.90	cps
Lithium	6-1	4886717	4892156	4973681	4917518	0.99	cps
Magnesium	24-2	159721345	160627249	162090158	160812917	0.74	cps
Manganese	55-2	18836	19260	19323	19139	1.38	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:17:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21367	20783	20766	20972	1.63	cps
Molybdenum	95-1	33816	32997	32580	33131	1.90	cps
Molybdenum	96-1	40484	40651	40534	40556	0.21	cps
Molybdenum	97-1	20607	20265	20215	20363	1.05	cps
Molybdenum	98-1	53769	54740	52623	53711	1.97	cps
Neodymium	150-1	120	173	147	147	18.18	cps
Neodymium	150-2	50	83	80	71	25.82	cps
Nickel	60-2	43036	42866	43612	43171	0.90	cps
Phosphorus	31-2	933	750	808	831	11.28	cps
Potassium	39-2	85313881	85089966	86072981	85492276	0.60	cps
Rhodium	103-1	13324465	13304035	13342297	13323599	0.14	cps
Rhodium	103-2	7541230	7592687	7575993	7569970	0.35	cps
Scandium	45-1	10743229	10677697	10882962	10767963	0.97	cps
Scandium	45-2	630250	633733	636950	633644	0.53	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	159	172	117	149	19.46	cps
Selenium	82-1	409	462	448	440	6.19	cps
Silicon	28-1	528004	518631	528492	525042	1.06	cps
Silver	109-1	950	642	675	756	22.40	cps
Silver	107-1	875	725	1067	889	19.27	cps
Sodium	23-2	303675457	305002315	306205740	304961171	0.42	cps
Strontium	86-1	107072	108700	107241	107671	0.83	cps
Strontium	88-1	927424	929469	929329	928741	0.12	cps
Sulfur	34-1	543880	547695	556936	549504	1.22	cps
Terbium	159-1	19673916	19386978	19604363	19555086	0.77	cps
Terbium	159-2	12239720	12292830	12378372	12303641	0.57	cps
Thallium	203-1	4017	3359	3559	3645	9.26	cps
Thallium	205-1	8428	8987	7994	8470	5.87	cps
Tin	118-1	18663	18905	18196	18588	1.94	cps
Titanium	47-1	4234	4076	3942	4084	3.58	cps
Uranium	238-1	2050	1550	1559	1720	16.65	cps
Vanadium	51-2	970	1070	1030	1023	4.92	cps
Yttrium	89-1	16392719	16330014	16429911	16384214	0.31	cps
Yttrium	89-2	3217527	3231864	3243158	3230850	0.40	cps
Zinc	66-2	6698	6968	6915	6861	2.09	cps
Zirconium	90-1	4167	4042	4601	4270	6.86	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:17:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	725	942	900	856	13.44	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:32:24 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80258	79102	77435	78931	1.80	cps
Antimony	121-1	2040005	2056466	2044699	2047057	0.41	cps
Arsenic	75-2	102605	103868	104813	103762	1.07	cps
Barium	135-1	242887	246849	243269	244335	0.89	cps
Barium	137-1	417113	425117	416760	419663	1.13	cps
Beryllium	9-1	280905	281311	278914	280376	0.46	cps
Bismuth	209-1	12814634	12653260	12688082	12718658	0.67	cps
Bismuth	209-2	9504074	9447054	9498742	9483290	0.33	cps
Boron	10-1	160047	164973	163406	162809	1.55	cps
Boron	11-1	757685	761968	773521	764391	1.07	cps
Cadmium	111-1	267830	270398	267845	268691	0.55	cps
Cadmium	106-1	52047	52439	51327	51938	1.09	cps
Cadmium	108-1	26028	26605	25991	26208	1.31	cps
Calcium	43-1	77897	77872	78057	77942	0.13	cps
Calcium	44-1	1195101	1200901	1204249	1200084	0.39	cps
Chromium	52-2	417546	418275	424107	419976	0.86	cps
Cobalt	59-2	677074	672354	672000	673809	0.42	cps
Copper	63-2	475763	468065	479861	474563	1.26	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	67	117	158	114	40.30	cps
Erbium	164-2	80	80	87	82	4.68	cps
Gadolinium	160-1	133	192	175	167	18.03	cps
Gadolinium	160-2	307	283	287	292	4.32	cps
Holmium	165-1	19629774	19502379	19342073	19491409	0.74	cps
Holmium	165-2	12702352	12708753	12693726	12701610	0.06	cps
Indium	115-1	15589024	15547174	15412220	15516139	0.60	cps
Indium	115-2	4378637	4361409	4378475	4372840	0.23	cps
Iron	56-2	3661453	3635536	3689844	3662278	0.74	cps
Iron	57-2	89231	88829	89818	89293	0.56	cps
Lead	206-1	1567363	1591461	1599332	1586052	1.05	cps
Lead	207-1	1380798	1399981	1397338	1392706	0.75	cps
Lead	208-1	6356121	6417095	6420495	6397904	0.57	cps
Lithium	6-1	5180648	5178880	5118180	5159236	0.69	cps
Magnesium	24-2	397733	393178	392275	394395	0.74	cps
Manganese	55-2	252873	250963	254261	252699	0.66	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:32:24	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4661803	4664669	4635598	4654023	0.34	cps
Molybdenum	95-1	2575614	2594302	2563563	2577826	0.60	cps
Molybdenum	96-1	3258534	3293931	3252863	3268443	0.68	cps
Molybdenum	97-1	1594405	1590742	1577634	1587593	0.56	cps
Molybdenum	98-1	4118297	4137447	4092622	4116122	0.55	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	179841	179217	178921	179326	0.26	cps
Phosphorus	31-2	667	775	775	739	8.47	cps
Potassium	39-2	782167	776246	784509	780974	0.55	cps
Rhodium	103-1	15386379	15342122	15170398	15299633	0.75	cps
Rhodium	103-2	8704481	8688312	8702230	8698341	0.10	cps
Scandium	45-1	11496297	11505570	11391823	11464563	0.55	cps
Scandium	45-2	675907	671445	674017	673790	0.33	cps
Selenium	77-2	2374	2360	2264	2332	2.57	cps
Selenium	78-2	7828	7797	8071	7899	1.90	cps
Selenium	82-1	34000	34690	34672	34454	1.14	cps
Silicon	28-1	4466034	4454327	4432929	4451096	0.38	cps
Silver	109-1	1215002	1227037	1221673	1221238	0.49	cps
Silver	107-1	1285965	1302364	1287076	1291801	0.71	cps
Sodium	23-2	1293495	1269769	1278574	1280613	0.94	cps
Strontium	86-1	1604752	1610333	1612877	1609321	0.26	cps
Strontium	88-1	13945169	13960886	13930443	13945499	0.11	cps
Sulfur	34-1	616256	613655	606380	612097	0.84	cps
Terbium	159-1	20173612	20092237	19884970	20050273	0.74	cps
Terbium	159-2	12795889	12753186	12747268	12765448	0.21	cps
Thallium	203-1	1945254	1961197	1959620	1955357	0.45	cps
Thallium	205-1	4765113	4794493	4838855	4799487	0.77	cps
Tin	118-1	3874905	3925695	3903056	3901218	0.65	cps
Titanium	47-1	787358	795340	783162	788620	0.78	cps
Uranium	238-1	16992261	16781254	16832705	16868740	0.65	cps
Vanadium	51-2	353130	348936	352876	351648	0.67	cps
Yttrium	89-1	17378326	17289077	17257328	17308243	0.36	cps
Yttrium	89-2	3460424	3469128	3452650	3460734	0.24	cps
Zinc	66-2	142437	140906	142093	141812	0.57	cps
Zirconium	90-1	8638843	8637560	8561850	8612751	0.51	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:32:24	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1912958	1918184	1905851	1912331	0.32	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:44:35 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	92	78	16.37	cps
Antimony	121-1	533	592	667	597	11.19	cps
Arsenic	75-2	11	9	4	8	48.07	cps
Barium	135-1	17	67	33	39	65.47	cps
Barium	137-1	17	50	67	44	57.28	cps
Beryllium	9-1	83	83	83	83	0.00	cps
Bismuth	209-1	12415330	12520467	12537411	12491069	0.53	cps
Bismuth	209-2	9499600	9435568	9497512	9477560	0.38	cps
Boron	10-1	975	667	775	806	19.42	cps
Boron	11-1	3792	4101	3859	3917	4.14	cps
Cadmium	111-1	3698	3610	3683	3664	1.29	cps
Cadmium	106-1	5268	5168	5243	5226	1.00	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	325	283	333	314	8.53	cps
Calcium	44-1	22235	22535	22243	22337	0.77	cps
Chromium	52-2	773	730	777	760	3.43	cps
Cobalt	59-2	100	97	63	87	23.40	cps
Copper	63-2	1170	1030	1067	1089	6.67	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	33	83	83	67	43.31	cps
Erbium	164-2	53	40	23	39	38.65	cps
Gadolinium	160-1	92	183	167	147	33.17	cps
Gadolinium	160-2	297	310	307	304	2.28	cps
Holmium	165-1	19117978	19250976	19068321	19145758	0.49	cps
Holmium	165-2	12690014	12706238	12750465	12715572	0.25	cps
Indium	115-1	15405432	15587831	15406576	15466613	0.68	cps
Indium	115-2	4332045	4356940	4385721	4358235	0.62	cps
Iron	56-2	6985	7252	7269	7169	2.22	cps
Iron	57-2	500	694	750	648	20.25	cps
Lead	206-1	644	600	628	624	3.60	cps
Lead	207-1	433	450	511	465	8.81	cps
Lead	208-1	2322	2228	2428	2326	4.30	cps
Lithium	6-1	5082617	5077837	5060142	5073532	0.23	cps
Magnesium	24-2	608	575	608	597	3.22	cps
Manganese	55-2	60	57	83	67	21.79	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:44:35	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	550	450	483	11.95	cps
Molybdenum	95-1	217	250	158	208	22.27	cps
Molybdenum	96-1	200	308	292	267	21.88	cps
Molybdenum	97-1	175	242	133	183	29.81	cps
Molybdenum	98-1	342	442	292	358	21.31	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	33	47	33	38	20.39	cps
Phosphorus	31-2	608	750	692	683	10.42	cps
Potassium	39-2	70049	70292	68266	69535	1.59	cps
Rhodium	103-1	15192470	15158185	15291578	15214078	0.46	cps
Rhodium	103-2	8788315	8772631	8795118	8785355	0.13	cps
Scandium	45-1	11413014	11516096	11448367	11459159	0.46	cps
Scandium	45-2	677087	676449	682208	678581	0.47	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	152	131	122	135	11.21	cps
Selenium	82-1	414	377	374	388	5.80	cps
Silicon	28-1	457617	462359	461707	460561	0.56	cps
Silver	109-1	183	108	158	150	25.46	cps
Silver	107-1	225	217	208	217	3.84	cps
Sodium	23-2	30824	30599	30899	30774	0.51	cps
Strontium	86-1	650	817	992	820	20.85	cps
Strontium	88-1	175	175	217	189	12.74	cps
Sulfur	34-1	628584	633729	639146	633820	0.83	cps
Terbium	159-1	19539516	19664600	19740295	19648137	0.52	cps
Terbium	159-2	12790349	12709480	12757093	12752307	0.32	cps
Thallium	203-1	242	183	133	186	29.13	cps
Thallium	205-1	467	508	425	467	8.93	cps
Tin	118-1	1050	925	1158	1045	11.18	cps
Titanium	47-1	158	133	150	147	8.65	cps
Uranium	238-1	158	67	158	128	41.42	cps
Vanadium	51-2	0	13	7	7	99.98	cps
Yttrium	89-1	17074852	17145030	17082129	17100670	0.23	cps
Yttrium	89-2	3431628	3443888	3469514	3448343	0.56	cps
Zinc	66-2	127	113	157	132	16.78	cps
Zirconium	90-1	983	1142	1192	1106	9.84	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:44:35	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	258	233	231	12.69	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:48:11 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13024060	12828139	12956767	12936322	0.77	cps
Antimony	121-1	11864	11297	11881	11680	2.85	cps
Arsenic	75-2	167	170	204	180	11.32	cps
Barium	135-1	3451	3609	3659	3573	3.04	cps
Barium	137-1	5977	6202	6227	6135	2.25	cps
Beryllium	9-1	995	900	783	893	11.85	cps
Bismuth	209-1	12120747	12052134	11914474	12029119	0.87	cps
Bismuth	209-2	8781928	8730026	8796967	8769640	0.40	cps
Boron	10-1	967	850	842	886	7.89	cps
Boron	11-1	4584	4101	4042	4242	7.01	cps
Cadmium	111-1	4629	4438	4744	4604	3.35	cps
Cadmium	106-1	5185	5101	5201	5162	1.04	cps
Cadmium	108-1	2054	2225	1913	2064	7.58	cps
Calcium	43-1	3246041	3208344	3190682	3215022	0.88	cps
Calcium	44-1	52262001	51879705	51297369	51813025	0.94	cps
Chromium	52-2	90486	89269	89832	89862	0.68	cps
Cobalt	59-2	7906	7862	7672	7813	1.59	cps
Copper	63-2	34905	33833	35085	34608	1.96	cps
Dysprosium	156-1	50	17	58	42	52.91	cps
Dysprosium	156-2	43	50	20	38	41.70	cps
Erbium	164-1	108	125	100	111	11.46	cps
Erbium	164-2	60	60	47	56	13.85	cps
Gadolinium	160-1	142	175	158	158	10.53	cps
Gadolinium	160-2	293	310	277	293	5.68	cps
Holmium	165-1	19637955	19505788	19268825	19470856	0.96	cps
Holmium	165-2	12569574	12462905	12533774	12522084	0.43	cps
Indium	115-1	15242925	15278917	15030125	15183989	0.89	cps
Indium	115-2	4070792	4103137	4120356	4098095	0.61	cps
Iron	56-2	341260863	336285696	336396252	337980937	0.84	cps
Iron	57-2	8243506	8192556	8233986	8223349	0.33	cps
Lead	206-1	33977	33504	33587	33689	0.75	cps
Lead	207-1	26371	26916	27935	27074	2.93	cps
Lead	208-1	128400	129103	129228	128910	0.35	cps
Lithium	6-1	5079867	5070898	5002846	5051204	0.83	cps
Magnesium	24-2	30399778	30015850	30267955	30227861	0.65	cps
Manganese	55-2	19874	19834	19647	19785	0.61	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:48:11	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5665982	5628271	5684614	5659622	0.51	cps
Molybdenum	95-1	9907661	9861064	9910689	9893138	0.28	cps
Molybdenum	96-1	10561327	10472107	10474336	10502590	0.48	cps
Molybdenum	97-1	6192445	6153919	6115001	6153789	0.63	cps
Molybdenum	98-1	16047184	15939090	15752426	15912900	0.94	cps
Neodymium	150-1	47	27	40	38	26.95	cps
Neodymium	150-2	43	27	23	31	34.44	cps
Nickel	60-2	11388	11391	11468	11416	0.40	cps
Phosphorus	31-2	817063	808784	813757	813201	0.51	cps
Potassium	39-2	33546036	33149276	33425202	33373505	0.61	cps
Rhodium	103-1	14340774	14347026	14325626	14337808	0.08	cps
Rhodium	103-2	8113973	8044885	7995089	8051316	0.74	cps
Scandium	45-1	11066261	11001823	10976561	11014881	0.42	cps
Scandium	45-2	644426	633579	639109	639038	0.85	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	124	117	141	127	9.69	cps
Selenium	82-1	194	366	478	346	41.29	cps
Silicon	28-1	613436	615568	605930	611645	0.83	cps
Silver	109-1	1483	1325	1342	1383	6.29	cps
Silver	107-1	1525	1667	1642	1611	4.69	cps
Sodium	23-2	58478872	57859866	58333826	58224188	0.56	cps
Strontium	86-1	109389	109919	108744	109351	0.54	cps
Strontium	88-1	953047	951239	936094	946793	0.98	cps
Sulfur	34-1	4362912	4302300	4255649	4306954	1.25	cps
Terbium	159-1	20061722	19863380	19940915	19955339	0.50	cps
Terbium	159-2	12578243	12497541	12525841	12533875	0.33	cps
Thallium	203-1	1100	1075	1175	1117	4.66	cps
Thallium	205-1	2775	3042	2659	2825	6.96	cps
Tin	118-1	2917	2984	3167	3023	4.28	cps
Titanium	47-1	3103016	3058988	3092363	3084789	0.74	cps
Uranium	238-1	508	475	533	506	5.79	cps
Vanadium	51-2	583	640	567	597	6.44	cps
Yttrium	89-1	17105323	17066399	16769488	16980403	1.08	cps
Yttrium	89-2	3298944	3270461	3300948	3290117	0.52	cps
Zinc	66-2	7455	7519	7682	7552	1.55	cps
Zirconium	90-1	1692	1959	1667	1772	9.12	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:48:11	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	442	383	417	7.21	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:51:46 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13197145	13090717	13235598	13174487	0.57	cps
Antimony	121-1	212603	211029	214557	212730	0.83	cps
Arsenic	75-2	9976	9772	10031	9926	1.38	cps
Barium	135-1	51571	51412	52258	51747	0.87	cps
Barium	137-1	89513	88028	89369	88970	0.92	cps
Beryllium	9-1	53968	53679	53924	53857	0.29	cps
Bismuth	209-1	12159748	12184953	12067976	12137559	0.51	cps
Bismuth	209-2	9014850	8927901	8972903	8971885	0.48	cps
Boron	10-1	16501	16977	16209	16562	2.34	cps
Boron	11-1	78144	79693	77574	78470	1.40	cps
Cadmium	111-1	52658	53217	54001	53292	1.27	cps
Cadmium	106-1	11338	11797	11839	11658	2.38	cps
Cadmium	108-1	5918	5822	5539	5760	3.42	cps
Calcium	43-1	3216759	3256120	3252022	3241634	0.67	cps
Calcium	44-1	51851061	52449877	52564979	52288639	0.73	cps
Chromium	52-2	176203	172068	176094	174788	1.35	cps
Cobalt	59-2	134143	133253	135849	134415	0.98	cps
Copper	63-2	123892	123715	125197	124268	0.65	cps
Dysprosium	156-1	33	58	33	42	34.65	cps
Dysprosium	156-2	37	30	43	37	18.18	cps
Erbium	164-1	108	67	142	106	35.60	cps
Erbium	164-2	67	70	77	71	7.16	cps
Gadolinium	160-1	258	167	158	194	28.54	cps
Gadolinium	160-2	267	300	337	301	11.63	cps
Holmium	165-1	19705416	19944735	19810275	19820142	0.61	cps
Holmium	165-2	12878159	12742914	12838102	12819725	0.54	cps
Indium	115-1	15446851	15617665	15546131	15536882	0.55	cps
Indium	115-2	4214322	4184230	4223217	4207256	0.49	cps
Iron	56-2	345103574	343821408	345743463	344889482	0.28	cps
Iron	57-2	8374729	8302428	8469443	8382200	1.00	cps
Lead	206-1	185783	185373	188995	186717	1.06	cps
Lead	207-1	158410	156250	157796	157485	0.71	cps
Lead	208-1	724947	728598	728400	727315	0.28	cps
Lithium	6-1	5237098	5251481	5312550	5267043	0.76	cps
Magnesium	24-2	30808905	30573950	31044666	30809174	0.76	cps
Manganese	55-2	67735	67859	69011	68202	1.03	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:51:46	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6164555	6195259	6207138	6188984	0.36	cps
Molybdenum	95-1	10305661	10318146	10350113	10324640	0.22	cps
Molybdenum	96-1	11016099	11043712	11023905	11027906	0.13	cps
Molybdenum	97-1	6416207	6393549	6401480	6403745	0.18	cps
Molybdenum	98-1	16502309	16459360	16590738	16517469	0.41	cps
Neodymium	150-1	33	27	40	33	20.00	cps
Neodymium	150-2	30	17	13	20	44.10	cps
Nickel	60-2	45029	45788	45691	45503	0.91	cps
Phosphorus	31-2	829016	822606	831139	827587	0.54	cps
Potassium	39-2	34107704	33711814	34113706	33977741	0.68	cps
Rhodium	103-1	14565684	14579676	14746018	14630459	0.69	cps
Rhodium	103-2	8250441	8193629	8303949	8249340	0.67	cps
Scandium	45-1	11066098	11152857	11210902	11143285	0.65	cps
Scandium	45-2	658076	649454	655856	654462	0.68	cps
Selenium	77-2	243	253	240	246	2.83	cps
Selenium	78-2	815	920	865	867	6.09	cps
Selenium	82-1	3423	3487	3525	3478	1.48	cps
Silicon	28-1	1018464	1017492	1016190	1017382	0.11	cps
Silver	109-1	219977	219487	220018	219827	0.13	cps
Silver	107-1	230124	231942	231685	231250	0.43	cps
Sodium	23-2	59171995	59111522	59772860	59352126	0.62	cps
Strontium	86-1	274926	273042	281076	276348	1.52	cps
Strontium	88-1	2413486	2434453	2424747	2424229	0.43	cps
Sulfur	34-1	4309234	4292372	4254584	4285397	0.65	cps
Terbium	159-1	20218509	20381585	20385097	20328397	0.47	cps
Terbium	159-2	12827718	12760203	12815929	12801283	0.28	cps
Thallium	203-1	185105	185676	187047	185942	0.54	cps
Thallium	205-1	445749	454285	448700	449578	0.96	cps
Tin	118-1	400802	400440	405025	402089	0.63	cps
Titanium	47-1	3167845	3175760	3199163	3180923	0.51	cps
Uranium	238-1	1685637	1672182	1691341	1683053	0.58	cps
Vanadium	51-2	68284	67621	68686	68197	0.79	cps
Yttrium	89-1	17364698	17316943	17345517	17342386	0.14	cps
Yttrium	89-2	3376786	3344033	3378923	3366581	0.58	cps
Zinc	66-2	20825	20832	20832	20829	0.02	cps
Zirconium	90-1	903019	907177	908952	906383	0.34	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:51:46	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	199159	200957	200462	200193	0.46	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : CCV065 Instrumnet Name : P7
 Client Sample ID : CCV065 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 21:59:02 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7483254	7452739	7446329	7460774	0.26	cps
Antimony	121-1	5275942	5296995	5357496	5310145	0.80	cps
Arsenic	75-2	256758	256674	255005	256145	0.39	cps
Barium	135-1	6166065	6124793	6147982	6146280	0.34	cps
Barium	137-1	10632281	10538755	10581941	10584325	0.44	cps
Beryllium	9-1	1407206	1410904	1411487	1409866	0.16	cps
Bismuth	209-1	11999978	12153840	12010549	12054789	0.71	cps
Bismuth	209-2	8868071	8904364	8817947	8863460	0.49	cps
Boron	10-1	166345	168906	168958	168070	0.89	cps
Boron	11-1	778879	790248	793399	787509	0.97	cps
Cadmium	111-1	1229493	1245089	1247898	1240827	0.80	cps
Cadmium	106-1	138716	139987	140944	139882	0.80	cps
Cadmium	108-1	92911	93640	93892	93481	0.55	cps
Calcium	43-1	8304500	8416753	8329419	8350224	0.71	cps
Calcium	44-1	134379049	135711274	133741211	134610511	0.75	cps
Chromium	52-2	2186150	2192856	2167492	2182166	0.60	cps
Cobalt	59-2	3287594	3289894	3260405	3279298	0.50	cps
Copper	63-2	4451216	4414595	4386666	4417492	0.73	cps
Dysprosium	156-1	150	158	92	133	27.24	cps
Dysprosium	156-2	93	110	120	108	12.50	cps
Erbium	164-1	67	108	142	106	35.60	cps
Erbium	164-2	43	43	40	42	4.55	cps
Gadolinium	160-1	167	142	133	147	11.79	cps
Gadolinium	160-2	297	270	333	300	10.60	cps
Holmium	165-1	19756632	19772720	19720762	19750038	0.13	cps
Holmium	165-2	12843074	12791878	12682699	12772550	0.64	cps
Indium	115-1	14950405	15059918	15043547	15017957	0.39	cps
Indium	115-2	4149677	4201085	4146816	4165859	0.73	cps
Iron	56-2	439687288	438174243	436746421	438202651	0.34	cps
Iron	57-2	10717329	10726546	10646779	10696885	0.41	cps
Lead	206-1	3867869	3896267	3869965	3878034	0.41	cps
Lead	207-1	3501919	3567435	3546915	3538756	0.95	cps
Lead	208-1	15653961	15924825	15710894	15763226	0.91	cps
Lithium	6-1	5199529	5237280	5234425	5223745	0.40	cps
Magnesium	24-2	81579125	80661289	80675410	80971941	0.65	cps
Manganese	55-2	2503853	2508177	2494278	2502102	0.28	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P7
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:59:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10834991	10754455	10771916	10787121	0.39	cps
Molybdenum	95-1	13196891	13191436	13181817	13190048	0.06	cps
Molybdenum	96-1	14671420	14700456	14625622	14665833	0.26	cps
Molybdenum	97-1	8244586	8248045	8247363	8246665	0.02	cps
Molybdenum	98-1	21286354	21279605	21210952	21258970	0.20	cps
Neodymium	150-1	300	280	353	311	12.19	cps
Neodymium	150-2	73	83	77	78	6.55	cps
Nickel	60-2	856829	857045	851242	855039	0.38	cps
Phosphorus	31-2	88571	90792	87539	88968	1.87	cps
Potassium	39-2	44500742	44308503	44329054	44379433	0.24	cps
Rhodium	103-1	14154552	14269763	14124196	14182837	0.54	cps
Rhodium	103-2	8104222	8113875	7988346	8068814	0.87	cps
Scandium	45-1	11265410	11250093	11176806	11230770	0.42	cps
Scandium	45-2	666491	666856	658390	663913	0.72	cps
Selenium	77-2	5608	5374	5318	5433	2.83	cps
Selenium	78-2	18447	18812	18562	18607	1.00	cps
Selenium	82-1	81504	82273	82800	82192	0.79	cps
Silicon	28-1	4606691	4634083	4635557	4625444	0.35	cps
Silver	109-1	5910412	5933376	5923297	5922362	0.19	cps
Silver	107-1	6110753	6264127	6117054	6163978	1.41	cps
Sodium	23-2	154694820	153814662	154435791	154315091	0.29	cps
Strontium	86-1	1711470	1723099	1709856	1714809	0.42	cps
Strontium	88-1	14866225	14924243	14869748	14886739	0.22	cps
Sulfur	34-1	1077517	1075928	1076103	1076516	0.08	cps
Terbium	159-1	20143296	20457944	20169288	20256843	0.86	cps
Terbium	159-2	12755984	12804617	12648504	12736368	0.63	cps
Thallium	203-1	4771747	4825963	4822999	4806903	0.63	cps
Thallium	205-1	11264620	11392817	11220899	11292779	0.79	cps
Tin	118-1	3995535	4027860	4030915	4018103	0.49	cps
Titanium	47-1	4020848	4018753	4063767	4034456	0.63	cps
Uranium	238-1	17097272	17151686	17239797	17162918	0.42	cps
Vanadium	51-2	1793931	1798016	1791195	1794380	0.19	cps
Yttrium	89-1	17089407	17249202	17127226	17155278	0.49	cps
Yttrium	89-2	3385935	3390731	3382163	3386277	0.13	cps
Zinc	66-2	662465	662435	663203	662701	0.07	cps
Zirconium	90-1	9003445	8999995	9029415	9010952	0.18	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P7
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 21:59:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1992065	1995971	2014205	2000747	0.59	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P7
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:02:42	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	308	250	261	16.38	cps
Antimony	121-1	4117	4117	4809	4348	9.19	cps
Arsenic	75-2	30	37	44	37	19.99	cps
Barium	135-1	292	225	292	269	14.29	cps
Barium	137-1	542	408	383	444	19.15	cps
Beryllium	9-1	306	294	244	281	11.57	cps
Bismuth	209-1	13083054	13121738	13143136	13115976	0.23	cps
Bismuth	209-2	9689029	9696588	9630090	9671903	0.38	cps
Boron	10-1	3367	2734	2592	2898	14.25	cps
Boron	11-1	14791	14349	13331	14157	5.29	cps
Cadmium	111-1	4098	4317	4061	4159	3.33	cps
Cadmium	106-1	5760	6085	5768	5871	3.16	cps
Cadmium	108-1	25	13	38	25	50.00	cps
Calcium	43-1	592	625	542	586	7.16	cps
Calcium	44-1	27302	26041	26158	26500	2.63	cps
Chromium	52-2	657	677	570	634	8.94	cps
Cobalt	59-2	163	160	143	156	6.89	cps
Copper	63-2	1893	1793	1747	1811	4.14	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	75	33	42	50	44.09	cps
Erbium	164-2	60	33	40	44	31.23	cps
Gadolinium	160-1	100	117	158	125	24.03	cps
Gadolinium	160-2	277	250	280	269	6.11	cps
Holmium	165-1	20096231	19990609	20194585	20093808	0.51	cps
Holmium	165-2	12972677	12937963	12878756	12929799	0.37	cps
Indium	115-1	15969174	16112502	16002387	16028021	0.47	cps
Indium	115-2	4376334	4402850	4393237	4390807	0.31	cps
Iron	56-2	21655	19997	19552	20402	5.43	cps
Iron	57-2	1072	883	794	917	15.48	cps
Lead	206-1	2039	1950	2011	2000	2.27	cps
Lead	207-1	1817	1911	1900	1876	2.75	cps
Lead	208-1	8740	8468	8318	8509	2.52	cps
Lithium	6-1	5321813	5367895	5404536	5364748	0.77	cps
Magnesium	24-2	2425	1917	1800	2047	16.23	cps
Manganese	55-2	103	140	123	122	15.02	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P7
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:02:42	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2184	2284	2117	2195	3.82	cps
Molybdenum	95-1	2592	2767	2684	2681	3.27	cps
Molybdenum	96-1	3134	2917	2775	2942	6.14	cps
Molybdenum	97-1	2075	1667	1659	1800	13.23	cps
Molybdenum	98-1	4601	4134	3726	4154	10.54	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	60	50	57	56	9.17	cps
Phosphorus	31-2	750	692	758	733	4.95	cps
Potassium	39-2	84742	82739	83200	83560	1.26	cps
Rhodium	103-1	15476384	15526387	15651349	15551373	0.58	cps
Rhodium	103-2	8786946	8901133	8838657	8842245	0.65	cps
Scandium	45-1	11352486	11370362	11461640	11394829	0.51	cps
Scandium	45-2	661869	666565	668989	665808	0.54	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	119	104	144	122	16.87	cps
Selenium	82-1	294	368	296	319	13.26	cps
Silicon	28-1	420325	419169	424304	421266	0.64	cps
Silver	109-1	550	508	617	558	9.79	cps
Silver	107-1	692	633	558	628	10.65	cps
Sodium	23-2	86373	86122	83968	85488	1.55	cps
Strontium	86-1	767	992	850	870	13.08	cps
Strontium	88-1	725	500	825	683	24.36	cps
Sulfur	34-1	545621	547927	556738	550095	1.07	cps
Terbium	159-1	20541923	20642689	20736692	20640434	0.47	cps
Terbium	159-2	12965883	13063345	12893489	12974239	0.66	cps
Thallium	203-1	2092	1825	1667	1861	11.54	cps
Thallium	205-1	3909	3659	3917	3829	3.84	cps
Tin	118-1	2059	2275	2142	2159	5.06	cps
Titanium	47-1	275	283	325	294	9.10	cps
Uranium	238-1	675	642	675	664	2.90	cps
Vanadium	51-2	47	67	63	59	18.19	cps
Yttrium	89-1	17359472	17472286	17574369	17468709	0.62	cps
Yttrium	89-2	3420216	3469603	3441150	3443657	0.72	cps
Zinc	66-2	213	173	200	196	10.41	cps
Zirconium	90-1	1734	1775	1859	1789	3.56	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P7
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:02:42	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	392	350	372	5.63	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:06:16	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2884	2709	2542	2711	6.30	cps
Antimony	121-1	20149	20240	20482	20290	0.85	cps
Arsenic	75-2	515	493	441	483	7.88	cps
Barium	135-1	22444	22761	22235	22480	1.18	cps
Barium	137-1	39315	39139	38989	39148	0.42	cps
Beryllium	9-1	2800	2800	2684	2761	2.44	cps
Bismuth	209-1	13024923	12992844	13106937	13041568	0.45	cps
Bismuth	209-2	9654623	9648290	9628440	9643784	0.14	cps
Boron	10-1	9245	9145	8795	9061	2.61	cps
Boron	11-1	41918	40413	42469	41600	2.56	cps
Cadmium	111-1	6392	6601	6576	6523	1.75	cps
Cadmium	106-1	5893	6285	6168	6115	3.29	cps
Cadmium	108-1	167	213	192	190	12.06	cps
Calcium	43-1	16343	15709	16059	16037	1.98	cps
Calcium	44-1	272932	276328	274648	274636	0.62	cps
Chromium	52-2	9126	9263	9416	9269	1.57	cps
Cobalt	59-2	6408	6422	6618	6483	1.81	cps
Copper	63-2	10314	10671	10834	10606	2.51	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	58	42	92	64	39.85	cps
Erbium	164-2	40	77	43	53	38.02	cps
Gadolinium	160-1	92	67	142	100	38.19	cps
Gadolinium	160-2	267	260	233	253	6.96	cps
Holmium	165-1	20141417	19967458	19970523	20026466	0.50	cps
Holmium	165-2	12840741	13051704	12942364	12944936	0.82	cps
Indium	115-1	16083147	16038953	16175937	16099346	0.43	cps
Indium	115-2	4376713	4406747	4400635	4394698	0.36	cps
Iron	56-2	178264	182189	180939	180464	1.11	cps
Iron	57-2	4595	4929	4795	4773	3.52	cps
Lead	206-1	8292	8353	8653	8433	2.29	cps
Lead	207-1	7686	7764	7786	7745	0.68	cps
Lead	208-1	34769	35331	35036	35045	0.80	cps
Lithium	6-1	5356094	5306480	5358373	5340315	0.55	cps
Magnesium	24-2	152115	155222	154371	153903	1.04	cps
Manganese	55-2	2527	2760	2484	2590	5.75	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:06:16	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20390	21250	21575	21072	2.91	cps
Molybdenum	95-1	25908	25924	25624	25819	0.65	cps
Molybdenum	96-1	28688	28279	27386	28118	2.37	cps
Molybdenum	97-1	15551	15718	16151	15807	1.96	cps
Molybdenum	98-1	40015	39647	40183	39948	0.69	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	1803	1873	1957	1878	4.09	cps
Phosphorus	31-2	567	742	800	703	17.28	cps
Potassium	39-2	237828	240137	241094	239686	0.70	cps
Rhodium	103-1	15656069	15694393	15725927	15692130	0.22	cps
Rhodium	103-2	8882326	8950373	8837898	8890199	0.64	cps
Scandium	45-1	11577024	11397080	11515354	11496486	0.80	cps
Scandium	45-2	669815	677531	672585	673311	0.58	cps
Selenium	77-2	57	80	53	63	22.94	cps
Selenium	78-2	322	293	302	306	4.96	cps
Selenium	82-1	1172	1111	1199	1161	3.86	cps
Silicon	28-1	557569	540377	546458	548135	1.59	cps
Silver	109-1	11947	12156	11764	11956	1.64	cps
Silver	107-1	12406	12923	12890	12740	2.27	cps
Sodium	23-2	348102	354729	354710	352514	1.08	cps
Strontium	86-1	4076	3842	4026	3981	3.09	cps
Strontium	88-1	27093	28880	27828	27934	3.21	cps
Sulfur	34-1	577689	580751	587284	581908	0.84	cps
Terbium	159-1	20454801	20568267	20394958	20472675	0.43	cps
Terbium	159-2	12875506	13080169	12970714	12975463	0.79	cps
Thallium	203-1	10121	9979	9696	9932	2.18	cps
Thallium	205-1	23564	23789	24190	23847	1.33	cps
Tin	118-1	38328	38036	38980	38448	1.26	cps
Titanium	47-1	7544	7602	7586	7577	0.40	cps
Uranium	238-1	30946	30228	31289	30821	1.76	cps
Vanadium	51-2	16102	16823	16636	16521	2.26	cps
Yttrium	89-1	17654193	17600255	17643507	17632651	0.16	cps
Yttrium	89-2	3442119	3478447	3444774	3455113	0.59	cps
Zinc	66-2	1620	1700	1577	1632	3.83	cps
Zirconium	90-1	18813	18947	19063	18941	0.66	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:06:16	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4117	4151	4034	4101	1.47	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-06 22:09:50 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	92	100	78	40.56	cps
Antimony	121-1	842	900	1017	920	9.69	cps
Arsenic	75-2	7	15	11	11	33.30	cps
Barium	135-1	58	50	50	53	9.12	cps
Barium	137-1	50	58	58	56	8.67	cps
Beryllium	9-1	194	128	139	154	23.24	cps
Bismuth	209-1	12915814	12806840	12817089	12846581	0.47	cps
Bismuth	209-2	9592150	9557122	8356648	9168640	7.67	cps
Boron	10-1	1275	1150	1050	1158	9.73	cps
Boron	11-1	5710	5368	5443	5507	3.26	cps
Cadmium	111-1	4064	3967	3855	3962	2.63	cps
Cadmium	106-1	5810	5676	5518	5668	2.58	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	183	250	242	225	16.14	cps
Calcium	44-1	22076	22335	22610	22340	1.20	cps
Chromium	52-2	783	783	710	759	5.58	cps
Cobalt	59-2	83	70	50	68	24.75	cps
Copper	63-2	1453	1310	1213	1326	9.11	cps
Dysprosium	156-1	8	33	33	25	57.74	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	83	33	58	58	42.86	cps
Erbium	164-2	23	40	23	29	33.32	cps
Gadolinium	160-1	142	83	142	122	27.55	cps
Gadolinium	160-2	243	277	283	268	8.00	cps
Holmium	165-1	19802257	19588748	19558760	19649922	0.68	cps
Holmium	165-2	12829266	12852426	11181049	12287580	7.80	cps
Indium	115-1	16018325	15756121	15869037	15881161	0.83	cps
Indium	115-2	4386172	4373965	3848351	4202829	7.31	cps
Iron	56-2	7563	7752	7263	7526	3.28	cps
Iron	57-2	533	556	633	574	9.15	cps
Lead	206-1	1078	1050	1056	1061	1.38	cps
Lead	207-1	911	833	872	872	4.46	cps
Lead	208-1	4328	3984	3856	4056	6.02	cps
Lithium	6-1	5324368	5274091	5268214	5288891	0.58	cps
Magnesium	24-2	492	583	508	528	9.25	cps
Manganese	55-2	47	63	53	54	15.40	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:09:50	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	542	725	667	16.25	cps
Molybdenum	95-1	467	583	442	497	15.21	cps
Molybdenum	96-1	533	692	650	625	13.13	cps
Molybdenum	97-1	342	358	258	319	16.77	cps
Molybdenum	98-1	767	842	808	806	4.67	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	37	63	33	44	36.99	cps
Phosphorus	31-2	667	625	600	631	5.34	cps
Potassium	39-2	71749	70569	72235	71517	1.20	cps
Rhodium	103-1	15683702	15471368	15507795	15554288	0.73	cps
Rhodium	103-2	8889545	8823063	7758336	8490315	7.48	cps
Scandium	45-1	11598574	11420807	11470168	11496516	0.80	cps
Scandium	45-2	674350	666801	592251	644468	7.04	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	139	130	128	132	4.51	cps
Selenium	82-1	286	348	345	326	10.63	cps
Silicon	28-1	434097	434424	433776	434099	0.07	cps
Silver	109-1	225	167	283	225	25.93	cps
Silver	107-1	233	283	317	278	15.10	cps
Sodium	23-2	53563	52066	52501	52710	1.46	cps
Strontium	86-1	808	792	892	831	6.45	cps
Strontium	88-1	117	192	283	197	42.32	cps
Sulfur	34-1	590297	595553	595232	593694	0.50	cps
Terbium	159-1	20346362	20198652	20282282	20275765	0.37	cps
Terbium	159-2	12897192	12872594	11257458	12342415	7.61	cps
Thallium	203-1	742	600	517	619	18.36	cps
Thallium	205-1	1483	1358	1383	1408	4.70	cps
Tin	118-1	1175	933	1108	1072	11.64	cps
Titanium	47-1	192	217	158	189	15.49	cps
Uranium	238-1	33	17	50	33	50.00	cps
Vanadium	51-2	13	20	13	16	24.76	cps
Yttrium	89-1	17468731	17368423	17490644	17442599	0.37	cps
Yttrium	89-2	3430749	3430995	3020398	3294047	7.19	cps
Zinc	66-2	123	137	133	131	5.29	cps
Zirconium	90-1	1100	1117	1158	1125	2.67	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:09:50	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	242	267	244	8.58	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P7
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:13:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25898	26583	25907	26129	1.50	cps
Antimony	121-1	189351	193223	190838	191138	1.02	cps
Arsenic	75-2	11634	11462	11797	11631	1.44	cps
Barium	135-1	112141	113899	117821	114620	2.54	cps
Barium	137-1	195430	196979	197527	196645	0.55	cps
Beryllium	9-1	57325	58413	57615	57784	0.97	cps
Bismuth	209-1	12514319	12465824	12451410	12477184	0.26	cps
Bismuth	209-2	9454800	9451550	9335772	9414041	0.72	cps
Boron	10-1	1425	1458	1475	1453	1.75	cps
Boron	11-1	6585	6527	6710	6607	1.42	cps
Cadmium	111-1	35868	35179	34779	35275	1.56	cps
Cadmium	106-1	8336	8403	8478	8406	0.84	cps
Cadmium	108-1	2034	2225	2096	2118	4.62	cps
Calcium	43-1	8695	8870	8770	8778	1.00	cps
Calcium	44-1	157043	161313	159840	159398	1.36	cps
Chromium	52-2	126399	126655	126463	126506	0.11	cps
Cobalt	59-2	207577	210024	207266	208289	0.73	cps
Copper	63-2	104718	103432	102577	103576	1.04	cps
Dysprosium	156-1	742	892	792	808	9.45	cps
Dysprosium	156-2	513	480	447	480	6.94	cps
Erbium	164-1	542	483	583	536	9.37	cps
Erbium	164-2	407	317	380	368	12.57	cps
Gadolinium	160-1	775	708	808	764	6.67	cps
Gadolinium	160-2	737	710	747	731	2.59	cps
Holmium	165-1	19726643	19959995	19723401	19803346	0.69	cps
Holmium	165-2	13105519	13129897	12989184	13074867	0.58	cps
Indium	115-1	16190017	16302268	16292885	16261723	0.38	cps
Indium	115-2	4586994	4571221	4540280	4566165	0.52	cps
Iron	56-2	455182	450590	448346	451373	0.77	cps
Iron	57-2	11405	11349	11733	11496	1.80	cps
Lead	206-1	167349	165937	167372	166886	0.49	cps
Lead	207-1	146010	146373	146357	146247	0.14	cps
Lead	208-1	665936	668093	668654	667561	0.21	cps
Lithium	6-1	5486398	5494369	5521264	5500677	0.33	cps
Magnesium	24-2	22059	21792	23285	22378	3.56	cps
Manganese	55-2	40412	40322	40452	40395	0.17	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P7
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:13:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5351	5351	5360	5354	0.09	cps
Molybdenum	95-1	525	575	625	575	8.70	cps
Molybdenum	96-1	1275	1517	1709	1500	14.48	cps
Molybdenum	97-1	350	267	400	339	19.88	cps
Molybdenum	98-1	900	942	800	881	8.27	cps
Neodymium	150-1	1187	1273	1227	1229	3.53	cps
Neodymium	150-2	643	627	653	641	2.10	cps
Nickel	60-2	56528	56565	55217	56104	1.37	cps
Phosphorus	31-2	900	775	675	783	14.39	cps
Potassium	39-2	103425	101991	101890	102435	0.84	cps
Rhodium	103-1	15695634	15744916	15562398	15667649	0.60	cps
Rhodium	103-2	9222113	9108885	9086022	9139007	0.80	cps
Scandium	45-1	11662596	11636238	11729780	11676205	0.41	cps
Scandium	45-2	690995	689534	694047	691525	0.33	cps
Selenium	77-2	243	287	270	267	8.20	cps
Selenium	78-2	1191	1104	1182	1159	4.13	cps
Selenium	82-1	4616	4693	4765	4691	1.59	cps
Silicon	28-1	1346417	1362579	1353310	1354102	0.60	cps
Silver	109-1	76265	76491	77672	76809	0.98	cps
Silver	107-1	82215	81283	79758	81085	1.53	cps
Sodium	23-2	95771	97582	95638	96330	1.13	cps
Strontium	86-1	7527	7827	8019	7791	3.18	cps
Strontium	88-1	61047	60411	61106	60855	0.63	cps
Sulfur	34-1	589073	596037	594900	593337	0.63	cps
Terbium	159-1	20255182	20416275	20362173	20344543	0.40	cps
Terbium	159-2	13158073	13112998	12985508	13085526	0.68	cps
Thallium	203-1	96087	98042	97338	97156	1.02	cps
Thallium	205-1	232950	235315	237961	235409	1.06	cps
Tin	118-1	3134	3084	3267	3162	3.00	cps
Titanium	47-1	2959	3376	3159	3164	6.59	cps
Uranium	238-1	1300	1242	1200	1247	4.03	cps
Vanadium	51-2	2167	2174	2267	2202	2.54	cps
Yttrium	89-1	17620578	17674789	17643976	17646448	0.15	cps
Yttrium	89-2	3570349	3552982	3537427	3553586	0.46	cps
Zinc	66-2	1300	1223	1090	1205	8.82	cps
Zirconium	90-1	14308	13056	13799	13721	4.59	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P7
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:13:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3442	3292	3042	3259	6.20	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-01	Instrumnet Name :	P7
Client Sample ID :	MX2B97	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:16:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58306	58724	57562	58197	1.01	cps
Antimony	121-1	1217028	1212299	1214517	1214614	0.19	cps
Arsenic	75-2	13102	13440	13497	13346	1.60	cps
Barium	135-1	871995	866663	864815	867825	0.43	cps
Barium	137-1	1501712	1498609	1499606	1499976	0.11	cps
Beryllium	9-1	28049	27603	28794	28149	2.14	cps
Bismuth	209-1	12887606	12835586	12801638	12841610	0.34	cps
Bismuth	209-2	9500199	9608831	9523458	9544163	0.60	cps
Boron	10-1	925	933	842	900	5.63	cps
Boron	11-1	3559	3484	3634	3559	2.11	cps
Cadmium	111-1	41265	41745	41470	41493	0.58	cps
Cadmium	106-1	9328	8945	9103	9126	2.11	cps
Cadmium	108-1	2559	2475	2513	2516	1.66	cps
Calcium	43-1	339055	338553	341526	339711	0.47	cps
Calcium	44-1	5605118	5591082	5641833	5612678	0.47	cps
Chromium	52-2	160690	164136	162164	162330	1.07	cps
Cobalt	59-2	440818	445990	442621	443143	0.59	cps
Copper	63-2	238425	240279	237554	238753	0.58	cps
Dysprosium	156-1	8	25	50	28	75.51	cps
Dysprosium	156-2	23	7	20	17	52.90	cps
Erbium	164-1	67	92	75	78	16.37	cps
Erbium	164-2	33	33	30	32	5.97	cps
Gadolinium	160-1	200	175	133	169	19.88	cps
Gadolinium	160-2	233	247	277	252	8.80	cps
Holmium	165-1	20010530	19948035	20056005	20004857	0.27	cps
Holmium	165-2	12960261	13108454	13071832	13046849	0.59	cps
Indium	115-1	16008899	15910169	15911233	15943434	0.36	cps
Indium	115-2	4411009	4443434	4480619	4445021	0.78	cps
Iron	56-2	241775711	240196361	241184583	241052218	0.33	cps
Iron	57-2	5818853	5865642	5860722	5848405	0.44	cps
Lead	206-1	159534	157672	157117	158108	0.80	cps
Lead	207-1	134854	131947	132087	132963	1.23	cps
Lead	208-1	620953	620747	619795	620499	0.10	cps
Lithium	6-1	5425773	5433993	5444922	5434896	0.18	cps
Magnesium	24-2	3020859	3038589	3045232	3034893	0.42	cps
Manganese	55-2	96739	96256	96487	96494	0.25	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-01	Instrumnet Name :	P7
Client Sample ID :	MX2B97	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:16:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1692	2075	1892	1886	10.17	cps
Molybdenum	95-1	2300	2484	2392	2392	3.83	cps
Molybdenum	96-1	4226	3667	4092	3995	7.30	cps
Molybdenum	97-1	1509	1433	1292	1411	7.80	cps
Molybdenum	98-1	3584	3517	3209	3437	5.82	cps
Neodymium	150-1	93	40	47	60	48.43	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	137589	140513	139412	139171	1.06	cps
Phosphorus	31-2	633	692	533	619	12.93	cps
Potassium	39-2	3757493	3799659	3784330	3780494	0.56	cps
Rhodium	103-1	15625897	15565528	15623111	15604845	0.22	cps
Rhodium	103-2	8926558	8948996	9020453	8965336	0.55	cps
Scandium	45-1	11741464	11783130	11805532	11776709	0.28	cps
Scandium	45-2	685625	691571	688886	688694	0.43	cps
Selenium	77-2	750	843	727	773	7.98	cps
Selenium	78-2	2652	2735	2856	2748	3.73	cps
Selenium	82-1	11760	12023	12412	12065	2.72	cps
Silicon	28-1	483345	482312	486041	483899	0.40	cps
Silver	109-1	358649	359870	361530	360016	0.40	cps
Silver	107-1	382121	382615	376694	380477	0.86	cps
Sodium	23-2	5132160	5131448	5132654	5132087	0.01	cps
Strontium	86-1	38645	39238	38152	38678	1.41	cps
Strontium	88-1	332042	332896	330531	331823	0.36	cps
Sulfur	34-1	626490	628329	638803	631207	1.05	cps
Terbium	159-1	20643898	20486730	20464008	20531546	0.48	cps
Terbium	159-2	13013301	13042875	13016693	13024290	0.12	cps
Thallium	203-1	558845	553637	557582	556688	0.49	cps
Thallium	205-1	1348368	1342304	1347117	1345930	0.24	cps
Tin	118-1	1425	1142	1392	1320	11.74	cps
Titanium	47-1	392	433	492	439	11.45	cps
Uranium	238-1	75	50	33	53	39.74	cps
Vanadium	51-2	883214	882795	884792	883600	0.12	cps
Yttrium	89-1	17870433	17704064	17789757	17788085	0.47	cps
Yttrium	89-2	3514167	3543518	3492181	3516622	0.73	cps
Zinc	66-2	86236	88140	86414	86930	1.21	cps
Zirconium	90-1	1525	1383	1317	1408	7.55	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	J1323-01	Instrumnet Name :	P7
Client Sample ID :	MX2B97	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:16:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	392	383	375	5.88	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:20:34	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7407667	7469275	7412384	7429775	0.46	cps
Antimony	121-1	5219449	5269871	5275921	5255080	0.59	cps
Arsenic	75-2	254986	256624	254856	255489	0.39	cps
Barium	135-1	6108514	6126726	6024584	6086608	0.90	cps
Barium	137-1	10541878	10438708	10455173	10478586	0.53	cps
Beryllium	9-1	1431891	1417476	1432245	1427204	0.59	cps
Bismuth	209-1	12064443	11974251	12007407	12015367	0.38	cps
Bismuth	209-2	8814973	8851632	8845668	8837425	0.22	cps
Boron	10-1	167694	165840	169035	167523	0.96	cps
Boron	11-1	772400	782493	792206	782366	1.27	cps
Cadmium	111-1	1227897	1230929	1238158	1232328	0.43	cps
Cadmium	106-1	139960	139379	140482	139940	0.39	cps
Cadmium	108-1	91895	91753	92721	92123	0.57	cps
Calcium	43-1	8322342	8316906	8299120	8312790	0.15	cps
Calcium	44-1	134048445	132597599	133367265	133337770	0.54	cps
Chromium	52-2	2152399	2186741	2165593	2168244	0.80	cps
Cobalt	59-2	3243184	3257812	3252012	3251003	0.23	cps
Copper	63-2	4374093	4413214	4403165	4396824	0.46	cps
Dysprosium	156-1	100	83	83	89	10.83	cps
Dysprosium	156-2	87	120	100	102	16.41	cps
Erbium	164-1	25	42	100	56	70.89	cps
Erbium	164-2	57	57	30	48	32.23	cps
Gadolinium	160-1	167	158	142	156	8.18	cps
Gadolinium	160-2	250	297	267	271	8.72	cps
Holmium	165-1	19811336	19577947	19734983	19708089	0.60	cps
Holmium	165-2	12629637	12821386	12685761	12712261	0.78	cps
Indium	115-1	14996088	14862163	14943403	14933885	0.45	cps
Indium	115-2	4134263	4132354	4123642	4130086	0.14	cps
Iron	56-2	438015954	437404332	436634143	437351476	0.16	cps
Iron	57-2	10716633	10703873	10698032	10706179	0.09	cps
Lead	206-1	3833873	3822913	3870142	3842309	0.64	cps
Lead	207-1	3487986	3494088	3541360	3507811	0.83	cps
Lead	208-1	15659571	15622849	15730642	15671020	0.35	cps
Lithium	6-1	5228739	5241803	5209864	5226802	0.31	cps
Magnesium	24-2	80815152	81324291	80943106	81027516	0.33	cps
Manganese	55-2	2492060	2496066	2485385	2491171	0.22	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:20:34	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10750845	10561152	10698864	10670287	0.92	cps
Molybdenum	95-1	13121563	12996473	13165678	13094571	0.67	cps
Molybdenum	96-1	14552261	14441891	14509499	14501217	0.38	cps
Molybdenum	97-1	8189011	8061543	8193511	8148022	0.92	cps
Molybdenum	98-1	21129568	20983302	21229199	21114023	0.59	cps
Neodymium	150-1	407	380	433	407	6.56	cps
Neodymium	150-2	77	53	60	63	18.98	cps
Nickel	60-2	846515	853715	846044	848758	0.51	cps
Phosphorus	31-2	88780	88623	88210	88538	0.33	cps
Potassium	39-2	44042111	44442230	43933681	44139341	0.61	cps
Rhodium	103-1	14181720	14046186	14204075	14143994	0.60	cps
Rhodium	103-2	8079416	8065228	8056354	8067000	0.14	cps
Scandium	45-1	11138613	11020495	11066919	11075342	0.54	cps
Scandium	45-2	659323	665105	657568	660665	0.60	cps
Selenium	77-2	5418	5468	5231	5372	2.32	cps
Selenium	78-2	18608	18705	18286	18533	1.18	cps
Selenium	82-1	81554	80327	81855	81245	1.00	cps
Silicon	28-1	4594846	4581737	4571255	4582613	0.26	cps
Silver	109-1	5830139	5862136	5896386	5862887	0.57	cps
Silver	107-1	6166316	6196800	6194603	6185906	0.27	cps
Sodium	23-2	155020633	155435528	155303670	155253277	0.14	cps
Strontium	86-1	1691661	1697495	1697490	1695549	0.20	cps
Strontium	88-1	14768725	14664377	14769498	14734200	0.41	cps
Sulfur	34-1	1114148	1107035	1102589	1107924	0.53	cps
Terbium	159-1	20161439	20071744	20282547	20171910	0.52	cps
Terbium	159-2	12653509	12696699	12665948	12672052	0.18	cps
Thallium	203-1	4704947	4728081	4803687	4745572	1.09	cps
Thallium	205-1	11236559	11129546	11272458	11212854	0.66	cps
Tin	118-1	3978972	3977827	3988109	3981636	0.14	cps
Titanium	47-1	3986125	4007936	3980297	3991453	0.37	cps
Uranium	238-1	17089464	17067302	16939959	17032242	0.47	cps
Vanadium	51-2	1790105	1797862	1781825	1789931	0.45	cps
Yttrium	89-1	16975098	16782860	16910203	16889387	0.58	cps
Yttrium	89-2	3359617	3356701	3344250	3353523	0.24	cps
Zinc	66-2	658322	664461	658125	660303	0.55	cps
Zirconium	90-1	8967657	8809360	8936282	8904433	0.94	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:20:34	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1971167	1954975	1990753	1972298	0.91	cps

LB Number : LB94479 Operator : Jaswal
 Lab Sample ID : CCB066 Instrumnet Name : P7
 Client Sample ID : CCB066 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	83	72	26.65	cps
Antimony	121-1	1125	1242	1283	1217	6.75	cps
Arsenic	75-2	17	22	20	20	14.31	cps
Barium	135-1	75	83	58	72	17.62	cps
Barium	137-1	108	117	125	117	7.14	cps
Beryllium	9-1	111	194	161	156	26.97	cps
Bismuth	209-1	12908766	13004722	12941120	12951536	0.38	cps
Bismuth	209-2	9531695	9444614	9413020	9463110	0.65	cps
Boron	10-1	1000	1142	1108	1083	6.84	cps
Boron	11-1	5168	4868	4668	4901	5.14	cps
Cadmium	111-1	3894	3847	3729	3823	2.22	cps
Cadmium	106-1	5560	5493	5326	5460	2.20	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	300	333	325	319	5.43	cps
Calcium	44-1	23153	22694	23119	22988	1.11	cps
Chromium	52-2	510	497	547	518	5.00	cps
Cobalt	59-2	100	117	123	113	10.61	cps
Copper	63-2	1290	1350	1340	1327	2.42	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	117	67	78	44.61	cps
Erbium	164-2	43	33	23	33	30.00	cps
Gadolinium	160-1	133	133	108	125	11.55	cps
Gadolinium	160-2	230	280	180	230	21.74	cps
Holmium	165-1	19886024	19973711	19720798	19860178	0.65	cps
Holmium	165-2	12805135	12645762	12664643	12705180	0.69	cps
Indium	115-1	15826979	15834471	15831619	15831023	0.02	cps
Indium	115-2	4328067	4257864	4300926	4295619	0.82	cps
Iron	56-2	8208	8514	8241	8321	2.02	cps
Iron	57-2	589	650	678	639	7.12	cps
Lead	206-1	1045	917	961	974	6.66	cps
Lead	207-1	950	806	739	832	12.98	cps
Lead	208-1	4200	3789	3773	3921	6.18	cps
Lithium	6-1	5283185	5320866	5323943	5309331	0.43	cps
Magnesium	24-2	658	675	717	683	4.40	cps
Manganese	55-2	70	90	70	77	15.06	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:29:15	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	767	767	692	742	5.84	cps
Molybdenum	95-1	683	617	550	617	10.81	cps
Molybdenum	96-1	608	592	700	633	9.21	cps
Molybdenum	97-1	408	333	358	367	10.42	cps
Molybdenum	98-1	917	775	942	878	10.24	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	33	30	37	33	10.01	cps
Phosphorus	31-2	600	592	700	631	9.56	cps
Potassium	39-2	70904	71547	70091	70847	1.03	cps
Rhodium	103-1	15423615	15483930	15549915	15485820	0.41	cps
Rhodium	103-2	8777072	8698542	8738978	8738197	0.45	cps
Scandium	45-1	11398715	11412033	11425788	11412179	0.12	cps
Scandium	45-2	668605	660241	661249	663365	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	141	122	121	16.86	cps
Selenium	82-1	396	402	346	381	8.12	cps
Silicon	28-1	417835	421311	424733	421293	0.82	cps
Silver	109-1	192	250	208	217	13.87	cps
Silver	107-1	358	350	350	353	1.36	cps
Sodium	23-2	52811	53295	53170	53092	0.47	cps
Strontium	86-1	675	750	725	717	5.33	cps
Strontium	88-1	200	225	192	206	8.44	cps
Sulfur	34-1	584209	581492	584472	583391	0.28	cps
Terbium	159-1	20454049	20386997	20376872	20405973	0.21	cps
Terbium	159-2	12861902	12712839	12744804	12773182	0.61	cps
Thallium	203-1	658	742	683	694	6.16	cps
Thallium	205-1	1575	1750	1717	1681	5.53	cps
Tin	118-1	1442	1300	1333	1358	5.45	cps
Titanium	47-1	117	133	150	133	12.50	cps
Uranium	238-1	50	75	100	75	33.34	cps
Vanadium	51-2	3	13	3	7	86.65	cps
Yttrium	89-1	17442646	17479943	17404433	17442341	0.22	cps
Yttrium	89-2	3339589	3353729	3392370	3361896	0.81	cps
Zinc	66-2	150	113	147	137	14.83	cps
Zirconium	90-1	967	1300	1150	1139	14.66	cps

LB Number :	LB94479	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2018-04-06 22:29:15	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	225	258	264	15.89	cps